Prepared for

Gulf Power Company
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2020 ANNUAL GROUNDWATER MONITORING REPORT

GULF POWER COMPANY, PLANT CRIST ASH LANDFILL NO. 2

Prepared by

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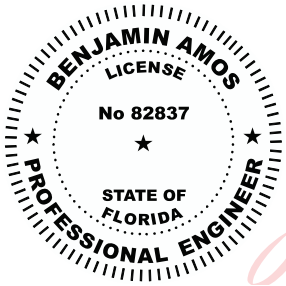
CERTIFICATION STATEMENT

This *2020 Annual Groundwater Monitoring Report, Gulf Power Company – Plant Crist – Ash Landfill No. 2* has been prepared in accordance with the requirements of the United States Environmental Protection Agency coal combustion residuals rule (40 Code of Federal Regulations Part 257, Subpart D) under the supervision of a State of Florida licensed Professional Engineer and Professional Geologist with Geosyntec Consultants, Inc.



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EXECUTIVE SUMMARY

In accordance with the United States Environmental Protection Agency ("USEPA") coal combustion residuals ("CCR") rule (40 Code of Federal Regulations Part 257, Subpart D) ("CCR Rule"), this *2020 Annual Groundwater Monitoring Report* documents CCR groundwater monitoring activities completed in 2020 at Gulf Power Company ("Gulf Power") Plant Crist Ash Landfill No. 2 ("LF2").

Gulf Power previously installed a CCR groundwater monitoring well network to monitor groundwater within the uppermost aquifer in the vicinity of LF2. Monitoring wells and piezometers in the LF2 CCR groundwater monitoring well network are listed below:

- background wells: MW-100, MW-101, MW-107, MW-108, MW-306, and MW-307;
- downgradient wells: MW-300, MW-303, MW-304, MW-305, and MW-308; and
- piezometers: MW-301 and MW-302.

Statistical evaluation of CCR groundwater monitoring data collected through October 2017 identified statistically significant increases ("SSIs") of certain CCR Rule Appendix III groundwater monitoring constituents above background. In accordance with the CCR Rule, Gulf Power initiated an assessment monitoring program for LF2 in March 2018 and continued assessment monitoring activities for LF2 through 2020. Semi-annual assessment monitoring groundwater sample collection events for CCR Rule Appendix III and Appendix IV constituents were conducted in April and October 2020.

In 2020, analytical data from the November 2019, April 2020, and October 2020 groundwater sampling events were evaluated in accordance with the *Statistical Analysis Plan*. Statistical analysis of this data indicated SSIs of the following CCR Rule Appendix III constituents above background levels: boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids ("TDS").

Statistical analysis also indicated statistically significant levels ("SSLs") of the following CCR Rule Appendix IV constituents above applicable groundwater protection standards ("GWPSs"):

SSL Constituent	Semi-annual assessment monitoring event		
	November 2019	April 2020	October 2020
Molybdenum	MW-303	MW-303	MW-303
Cobalt	Not applicable	MW-304	MW-304

In accordance with the CCR Rule, Gulf Power previously conducted an alternate source demonstration ("ASD") which documents that the molybdenum SSL is from a source other than LF2. In 2020, in response to the new cobalt SSL at LF2, Gulf Power demonstrated that the cobalt SSL in MW-304 is from a source other than LF2. Accordingly, neither assessment of corrective measures nor remedial action will be performed for LF2. LF2 will remain in assessment monitoring in 2021.

Geosyntec consultants

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1.0 INTRODUCTION

1.1 Overview

On behalf of Gulf Power Company ("Gulf Power"), Geosyntec Consultants, Inc. ("Geosyntec") prepared this *2020 Annual Groundwater Monitoring Report* for Gulf Power Plant Crist ("Site") coal combustion residuals ("CCR") unit Ash Landfill No. 2 ("LF2"). The purpose of this report is to present a summary of the CCR groundwater monitoring activities performed at LF2 in 2020. This report has been prepared in accordance with the annual reporting requirements of the CCR Rule, section 257.90(e).

The Site is located at 11999 Pate Street in Pensacola, Escambia County, Florida, and is situated on approximately 670 acres. A Site location map is provided in **Figure 1**. Site topography ranges from approximately 120 feet ("ft") relative to the North American Vertical Datum of 1988 ("NAVD88") on the western portions of the Site and along Pate Street to approximately 5 ft NAVD88 near Clear Creek to the north and Governor's Bayou to the east. LF2 is located on the western portion of the Site.

1.2 Regional Geology & Hydrogeologic Setting

The Sand and Gravel Aquifer, the uppermost aquifer underlying the Site, includes Pleistocene terrace deposits, the Pleistocene Citronelle Formation, and the upper portion of the Pliocene/Miocene coarse clastics. The Sand and Gravel Aquifer has been subdivided into three major zones (listed in order from ground surface): (i) the surficial zone; (ii) the low permeability zone; and (iii) the main producing zone (Roaza et al., 1991).

The surficial zone consists of the upper most layer of sand and gravel, although layers of silt and clay may also occur within this zone. Beneath the surficial zone is the low permeability zone. The low permeability zone is the first substantial, more regionally continuous lower permeability layer encountered within the Sand and Gravel Aquifer (Roaza et al., 1991). This layer generally consists of a poorly sorted mixture of sand, silt, and clay, although actual lithology is variable. As a semi-confining interval, the low permeability zone limits vertical groundwater flow between the surficial zone above and the main producing zone below (Roaza et al., 1991). The main producing zone is lithologically similar to the surficial zone with moderate to well sorted quartz sands and gravels with interbedded layers of sandy clay and clay. Groundwater in the main producing zone is under semi-confined conditions due to the nature of the low

permeability zone that lies above and a regionally extensive confining unit that lies underneath (Richards, 2001).

Site-specific lithology in the uppermost aquifer consists primarily of silty or clayey sands interbedded with well-graded sands and gravels. Groundwater in the uppermost aquifer at the Site is generally encountered between 15 and 4 ft NAVD88 within the Sand and Gravel Aquifer in a laterally-extensive water-bearing zone of fine to coarse sand. This aquifer is considered the uppermost aquifer for groundwater monitoring purposes. CCR groundwater monitoring wells were screened in the uppermost aquifer at elevations shown in **Table 1**.

1.3 LF2 CCR Unit and Groundwater Monitoring System Descriptions

LF2 is an active bottom ash landfill occupying approximately 15.2 acres. In December 2020, Gulf Power ceased coal-fired operations at Plant Crist.

Pursuant to the CCR Rule, Gulf Power previously installed a CCR groundwater monitoring system around LF2 to monitor groundwater within the uppermost aquifer (Southern Company ("SC"), 2018). Background monitoring wells were installed to establish Site-wide background water quality. The downgradient monitoring well network was installed at the waste boundary. Monitoring wells in the LF2 groundwater monitoring network include:

- background wells: MW-100, MW-101, MW-107, MW-108, MW-306, and MW-307;
- downgradient wells: MW-300, MW-303, MW-304, MW-305, and MW-308; and
- piezometers: MW-301 and MW-302.

Monitoring well and piezometer details, including installation date, coordinates, elevations, screen interval, and designation are summarized in **Table 1**. The CCR groundwater monitoring well network for LF2 is illustrated in **Figure 2**.

2.0 GROUNDWATER MONITORING ACTIVITIES

The following section describes CCR groundwater monitoring-related activities performed in 2020. Groundwater samples were collected from monitoring wells shown in **Figure 2**. A summary of the groundwater sample collection events completed in 2020 is provided in **Table 2**. Groundwater analytical data associated with these events are summarized in **Table 3**; laboratory analytical reports are included in **Appendix A**.

2.1 Monitoring Well Installation and Maintenance

Monitoring well and piezometer installation activities were completed in 2015 and 2016 (SC, 2018). No additional monitoring wells were installed in 2020.

2.3 Semi-Annual Assessment Monitoring Events

Semi-annual assessment monitoring events were conducted in April and October 2020. During the 2020 semi-annual assessment monitoring events, groundwater samples were collected from each monitoring well **(Figure 2)** and analyzed for CCR Rule Appendix III and Appendix IV constituents.

3.0 SAMPLE METHODOLOGY & RESULTS

The following section describes the methods used to conduct CCR groundwater monitoring at LF2. Results for CCR Rule Appendix III and Appendix IV constituents are discussed in Section 4.

3.1 Groundwater Elevation Measurement

Prior to each CCR groundwater monitoring event, the depth to groundwater was recorded at each CCR groundwater monitoring well. Groundwater elevations calculated from the depth to groundwater measurements recorded during the semi-annual assessment monitoring events are summarized in **Table 4**. Site-wide potentiometric surface elevation contour maps developed using groundwater elevation data from each CCR groundwater monitoring event are presented in **Figure 3** and **Figure 4**.

As illustrated on the April 2020 and October 2020 potentiometric surface maps (**Figures 3** and **4**), the general direction of groundwater flow near LF2 was to the northwest and/or northeast. The groundwater flow pattern observed during the April 2020 assessment monitoring event was generally consistent with observations from 2019 (Geosyntec, 2020). Relative to the April 2020 groundwater flow direction, there was a subtle shift in the groundwater flow direction to the northwest in October 2020 near LF2. This shift is presumably a result of significant precipitation from Hurricane Sally (over 18 inches at Plant Crist in 72 hours). It is anticipated that this subtle shift in the groundwater flow direction is temporary and groundwater flow patterns will continue to be evaluated as part of assessment monitoring activities in 2021.

3.2 Groundwater Sampling

Groundwater samples were collected in general accordance with Florida Department of Environmental Protection ("FDEP") Standard Operation Procedure FS2200 (FDEP, 2017) and the CCR Rule. A SmarTroll™ (In-Situ field instrument) was used to monitor and record field water quality parameters (pH, conductivity, and dissolved oxygen) during well purging to evaluate stabilization prior to groundwater sample collection. Turbidity was measured using a portable turbidimeter. Following sample collection, samples were placed in ice-packed coolers and submitted to Eurofins TestAmerica Laboratories, Inc. ("TAL"), in Pensacola, Florida following chain-of-custody protocol. Field sampling data sheets are provided in **Appendix A**.

3.3 Laboratory Analyses

Laboratory analyses for groundwater samples collected during the semi-annual assessment monitoring events included CCR Rule Appendix III and Appendix IV constituents. Applicable analytical methods are provided in laboratory reports (**Appendix A**).

Laboratory analyses were performed by TAL. TAL is accredited by the National Environmental Laboratory Accreditation Program ("NELAP") and maintain a NELAP certification for all parameters analyzed for this project. In addition, TAL is certified to perform laboratory analyses by the State of Florida. Groundwater data and chain-of-custody records for the two semi-annual assessment monitoring events are presented in **Appendix A**.

3.4 Quality Assurance & Quality Control Summary

During each sampling event, quality assurance/quality control ("QA/QC") samples including equipment blanks, field blanks, and duplicate samples were collected. Data from these QA/QC samples were evaluated during data validation.

Groundwater quality data in this report were independently validated in accordance with United States Environmental Protection Agency ("USEPA") guidance (USEPA, 2011) and the analytical methods employed. Data validation generally consisted of reviewing sample integrity, holding times, laboratory method blanks, laboratory control samples, matrix spikes/matrix spike duplicate recoveries and relative percent differences ("RPDs"), post digestion spikes, laboratory and field duplicate RPDs, field and equipment blanks, and reporting limits. Where appropriate, validation qualifiers and flags are applied to the data using USEPA procedures as guidance (USEPA, 2017). Data validation reports for November 2019, April 2020, and October 2020 semi-annual assessment monitoring events are included in **Appendix A**.

4.0 STATISTICAL ANALYSIS

The following section describes the statistical methods and analyses performed in 2020.

4.1 Statistical Method

Statistical analysis of CCR Rule Appendix III and Appendix IV constituents was performed on groundwater monitoring data collected during the November 2019, April 2020, and October 2020 semi-annual assessment monitoring events in accordance with the *Statistical Analysis Plan* ("SAP") (Groundwater Stats Consulting ("GSC"), 2017). The SAP describes site-specific statistical methods that are used to evaluate CCR groundwater data.

Statistical analysis of LF2 CCR groundwater data was performed using the Sanitas™ v.9.6.05 groundwater statistical software. Sanitas™ is a decision support software package that incorporates statistical tests required of Subtitle C and D facilities by USEPA regulations and incorporates methods recommended in the *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance* (USEPA, 2009).

4.1.1 Appendix III Constituent Statistical Method

Statistical analysis of CCR Rule Appendix III constituents was performed to evaluate if concentrations were consistent with observed background values. Statistical tests used to evaluate the CCR groundwater monitoring data consisted of interwell prediction limits combined with a 1-of-2 resample strategy for the following CCR Rule Appendix III constituents: boron, calcium, chloride, fluoride, sulfate, and total dissolved solids ("TDS"). Interwell prediction limits pool upgradient well data to establish a background prediction limit for an individual constituent, and the most recent sample from each downgradient well is compared to the background prediction limit for each constituent. Intrawell prediction limits combined with 1-of-2 resample strategy were used to evaluate pH at each well. Intrawell prediction limits are constructed using historical data within a given well and the most recent sample was compared to the background levels within the same well. The 1-of-2 resample strategy allows for collection of a verification sample when a statistically significant increase ("SSI") is identified. If the most recent constituent concentration exceeded its respective background prediction limit and a verification sample is not collected, an SSI is identified.

4.1.2 Appendix IV Constituent Statistical Method

In accordance with the CCR Rule, Groundwater Protection Standards ("GWPSs") for Appendix IV constituents were established and are presented in **Table 5**.

To evaluate statistically significant levels ("SSLs") of CCR Rule Appendix IV constituents, confidence intervals were constructed for each Appendix IV constituent in each downgradient well and compared to the GWPSs. An SSL is identified only when the entire confidence interval is above the GWPS. Other statistical tests including time-series plots and trend analyses were performed in accordance with the SAP. Additional details are presented in the statistical analysis packages provided in the Sanitas™ outputs for the November 2019, April 2020, and October 2020 semi-annual assessment monitoring events provided in **Appendices B, C**, and **D.**

4.2 Statistical Analyses Results

Analytical data from the November 2019, April 2020, and October 2020 semi-annual assessment monitoring events were evaluated in accordance with the SAP. Appendix III statistical analysis was performed to evaluate if constituent concentrations in groundwater were consistent with background values. CCR Rule Appendix IV constituents were evaluated to assess if groundwater concentrations statistically exceeded the established GWPSs.

4.2.1 Appendix III Constituent Statistical Results

Concentrations of select CCR Rule Appendix III constituents from samples collected during the November 2019, April 2020 and October 2020 semi-annual assessment monitoring events were above background levels. SSIs were identified for the following constituents: boron, calcium, chloride, fluoride, sulfate, pH, and total dissolved solids. As such, assessment monitoring will continue in 2021.

4.2.2 Appendix IV Constituent Statistical Results

Statistical analysis of CCR Rule Appendix IV constituents identified the following SSLs:

SSL Constituent	Semi-annual assessment monitoring event		
	November 2019	April 2020	October 2020
Molybdenum	MW-303	MW-303	MW-303
Cobalt	Not Applicable	MW-304	MW-304

5.0 ALTERNATE SOURCE DEMONSTRATION

Gulf Power conducted alternate source demonstrations ("ASDs") to document that molybdenum and cobalt SSLs are from a source other than LF2. The ASDs are briefly summarized below.

5.1 Molybdenum

In accordance with the CCR Rule, Gulf Power previously prepared an ASD for molybdenum (Geosyntec, 2019a and 2019b). Key conclusions of the molybdenum ASD are briefly summarized below:

- Based on an analysis of the groundwater elevation data, monitoring well MW-303 is not downgradient of LF2. This well is downgradient of the Closed Interim Landfill ("CIL"), which is south of LF2.

- Elevated molybdenum levels exceeding the GWPS of 100 micrograms per liter ("µg/L") were observed in monitoring wells and DPT groundwater sampling points up/side gradient of LF2 and downgradient of the CIL.

- Molybdenum was not detected in the surface water of the stormwater pond associated with LF2.

- Molybdenum was detected in the sediment and surface water of the CIL stormwater pond, with surface water concentrations similar in magnitude to that observed in MW-303.

- The source of the SSL reported for molybdenum in MW-303 is not LF2 and is likely the CIL.

5.2 Cobalt

In 2020, in response to the new cobalt SSL at MW-304, Gulf Power prepared an ASD for cobalt. The complete ASD report is provided in **Appendix E**. Key conclusions of the cobalt ASD are briefly summarized below:

- Analysis of cobalt in Site soils indicated widespread (both lateral and vertical) distribution of cobalt across the Site, regardless of hydraulic connectivity to LF2. This indicates the presence of a naturally-occurring source of cobalt.

- Cobalt in unsaturated soils also supports a naturally-occurring source, since cobalt could not have been transported and/or deposited by groundwater flow.

- Soil leachability tests demonstrated that cobalt could be leached from Site soils at concentrations greater than approximately 175 times its GWPS of 6 µg/L indicating the potential of naturally-occurring cobalt to leach into groundwater.

- Therefore, the source of the cobalt SSL in MW-304 is not LF2 and is likely leaching from natural sources.

6.0 CONCLUSIONS & FUTURE ACTIONS

SSLs of certain CCR Rule Appendix IV constituents (molybdenum and cobalt) relative to GWPSs were identified at LF2 in 2020. In accordance with the CCR Rule, Gulf Power prepared ASDs for molybdenum and cobalt SSLs identified at LF2 which document that a source other than LF2 caused the SSLs. Therefore, assessment of corrective measures will not be performed at this time and assessment monitoring will continue in 2021.

7.0 REFERENCES

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TABLES

TABLE 1: GROUNDWATER MONITORING LOCATION DETAILS
Gulf Power Company - Plant Crist Landfill 2, Pensacola, Florida

Monitoring Location	Installation Date	Northing	Easting	Ground Elevation	Top of Casing Elevation	Top of Screen Elevation	Bottom of Screen Elevation	Designation[3]
MW-100	11/11/2015	578116.11	1107316.00	99.84	103.03	-5.16	-15.16	Background
MW-101	11/10/2015	577158.45	1107724.27	105.1	108.00	-1.90	-11.9	Background
MW-107	11/17/2015	577201.66	1107442.83	111.4	114.71	1.40	-8.60	Background
MW-108	11/17/2015	576208.36	1107577.06	80.51	83.54	-4.49	-14.49	Background
MW-300	11/7/2015	579587.59	1106288.51	64.96	68.8	-0.04	-10.04	Downgradient
MW-301	11/7/2015	579282.59	1106601.15	77.18	80.51	-2.82	-12.82	Piezometer
MW-302	11/5/2015	579752.44	1107202.72	54.89	57.97	-5.11	-15.11	Piezometer
MW-303	11/5/2015	580183.01	1107460.45	41.87	44.97	-8.13	-18.13	Downgradient
MW-304	11/6/2015	580661.43	1106931.50	38.83	41.82	-1.17	-11.17	Downgradient
MW-305	11/6/2015	580179.89	1106680.03	55.21	58.57	-4.79	-14.79	Downgradient
MW-306	11/19/2015	578417.11	1106200.44	67.61	70.56	-12.39	-22.39	Background
MW-307	11/19/2015	578209.77	1106865.99	101.11	104.18	-8.89	-18.89	Background
MW-308	2/9/2016	580349.51	1107304.17	39.84	42.65	-10.16	-20.16	Downgradient

Notes:

1. Northing and easting are in feet relative to the State Plane Florida North Datum of 1983.
2. Elevations are in feet relative to the North American Vertical Datum of 1988.
3. Designations are relative to the CCR Unit.

TABLE 2: SUMMARY OF 2020 GROUNDWATER SAMPLING EVENTS
Gulf Power Company - Plant Crist Landfill 2, Pensacola, Florida

Monitoring Location	2020 Semi-Annual Assessment Monitoring Event 1	2020 Semi-Annual Assessment Monitoring Event 2
MW-100	4/16/2020	10/7/2020
MW-101	4/16/2020	10/7/2020
MW-107	4/16/2020	10/7/2020
MW-108	4/16/2020	10/7/2020
MW-300	4/18/2020	10/9/2020
MW-303	4/18/2020	10/8/2020
MW-304	4/18/2020	10/9/2020
MW-305	4/18/2020	10/9/2020
MW-306	4/16/2020	10/7/2020
MW-307	4/16/2020	10/7/2020
MW-308	4/18/2020	10/8/2020

Notes:

1. Assessment monitoring event includes groundwater samples analyzed for CCR Rule Appendix III and Appendix IV constituents.

TABLE 3: SUMMARY OF 2020 GROUNDWATER LABORATORY ANALYTICAL DATA
Gulf Power Company - Plant Crist Landfill 2, Pensacola, Florida

Monitoring Location	Well Designation	Sample Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Total Radium (pCi/L)	Fluoride (mg/L)	Lead (mg/L)	Lithium (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	pH (SU)	Selenium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Thallium (mg/L)
2020 Semi-Annual Assessment Monitoring Event 1																							
MW-100	Background	4/16/2020	0.00030 U	0.000078 U	0.020	0.000054 I	0.020	0.000056 U	0.84	6.1	0.00020 U	0.00058	0.971	0.032 U	0.000066 I	0.00060 I	0.000070 U	0.00090 U	5.03	0.00016 U	1.4 U	28	0.000024 U
MW-101	Background	4/16/2020	0.00030 U	0.000078 U	0.0099	0.000043 I	0.013	0.000056 U	0.38	5.8	0.00020 U	0.00035 I	0.497	0.032 U	0.000058 U	0.00038 U	0.000070 U	0.00090 U	5.17	0.00016 U	1.4 U	44	0.000024 U
MW-107	Background	4/16/2020	0.00030 U	0.000078 U	0.012	0.000061 I	0.013	0.000056 U	0.36	5.3	0.00020 U	0.00043 I	0.568	0.032 U	0.000058 U	0.00063 I	0.000070 U	0.00090 U	5.15	0.00016 U	1.4 U	18	0.000024 U
MW-108	Background	4/16/2020	0.00030 U	0.000078 U	0.012	0.000034 U	0.017	0.000056 U	1.3	5.6	0.00020 U	0.00021 I	1.35	0.032 U	0.000058 U	0.00038 U	0.000070 U	0.00090 U	4.96	0.00040	1.7 I	8.0	0.000024 U
MW-306	Background	4/16/2020	0.00030 U	0.000078 U	0.014	0.000034 U	0.0075 I	0.000056 U	0.53	6.2	0.00020 U	0.00029 I	0.588	0.032 U	0.000058 U	0.00038 U	0.000070 U	0.00090 U	5.13	0.00016 U	1.4 U	6.0	0.000024 U
MW-307	Background	4/16/2020	0.00030 U	0.000078 U	0.017	0.000034 U	0.0055 I	0.000056 U	0.59	4.9	0.00020 U	0.00053	0.264 U	0.032 U	0.00016 I	0.00091 I	0.000070 U	0.00090 U	5.58	0.00016 U	1.4 U	8.0	0.000024 U
MW-300	Downgradient	4/18/2020	0.00030 U	0.000078 U	0.011	0.000034 U	0.027	0.000075 I	0.48	8.7	0.00020 U	0.00024 I	5.09	0.032 U	0.000083 I	0.00062 I	0.000070 U	0.00090 U	4.69	0.00016 U	1.4 U	62	0.000024 U
MW-303	Downgradient	4/18/2020	0.00030 U	0.000078 U	0.069	0.000074 I	5.7	0.00024 I	93	96	0.00020 U	0.00044 I	6.89	0.25 V	0.00011 I	0.023	0.000070 U	0.81	6.61	0.0035	260	520	0.00027
MW-304	Downgradient	4/18/2020	0.00030 U	0.00053	0.043	0.000034 U	2.8	0.00073	150	140	0.00020 U	0.015	7.33	0.032 U	0.00022 I	0.0012	0.00082	0.00090 U	5.20	0.0066	600	1000	0.00026
MW-305	Downgradient	4/18/2020	0.00030 U	0.00042	0.020	0.000034 U	0.016	0.000076 I	0.90	8.2	0.00020 U	0.00045 I	1.55	0.032 U	0.000058 U	0.00047 I	0.000070 U	0.00090 U	4.91	0.00016 U	1.4 U	36	0.000024 U
MW-308	Downgradient	4/18/2020	0.00030 U	0.00046	0.016	0.000034 U	3.0	0.000089 I V	48	33	0.00082	0.00011 U	1.34	0.17 V	0.000058 U	0.00038 U	0.000070 U	0.00090 U	6.97	0.0021	120	280	0.00016
2020 Semi-Annual Assessment Monitoring Event 2																							
MW-100	Background	10/7/2020	0.0015 U	0.00039 U	0.020	0.0014 I V	0.018 U	0.00028 U	0.93	6.6	0.0010 U	0.00060 I	1.14	0.032 U	0.00029 U	0.0054 V	0.000070 U	0.0045 U	4.74	0.00082 U	1.4 U	30	0.00012 U
MW-101	Background	10/7/2020	0.0015 U	0.00056 I	0.0088	0.0014 I V	0.018 U	0.00028 U	0.47	5.9	0.0046	0.00056 U	1.07	0.032 U	0.00029 U	0.0052 V	0.000070 U	0.0045 U	5.08	0.00082 U	1.4 U	24	0.00012 U
MW-107	Background	10/7/2020	0.0015 U	0.00039 U	0.012	0.0015 I V	0.018 U	0.00028 U	0.43	5.7	0.0010 I	0.00056 U	0.763	0.032 U	0.00029 U	0.0054 V	0.00025 V	0.0045 U	4.91	0.00082 U	1.4 U	20	0.00012 U
MW-108	Background	10/7/2020	0.0015 U	0.00039 U	0.011	0.0015 I V	0.018 U	0.00028 U	1.6	5.1	0.0015 I	0.00056 U	1.75	0.032 U	0.00029 U	0.0048 I V	0.00013 I V	0.0045 U	4.80	0.00082 U	4.0 I	26	0.00012 U
MW-306	Background	10/7/2020	0.0015 U	0.00064 I	0.013	0.0014 I V	0.018 U	0.00028 U	0.63	6.1	0.0033	0.00056 U	0.709 U	0.032 U	0.00029 U	0.0050 V	0.00008 I V	0.0045 U	5.13	0.00082 U	1.4 U	16	0.00012 U
MW-307	Background	10/7/2020	0.0015 U	0.00039 U	0.016	0.0014 I V	0.018 U	0.00028 U	0.67	4.7	0.0017 I	0.00056 U	0.460 U	0.032 U	0.00029 U	0.0049 I V	0.000070 U	0.0045 U	5.50	0.00082 U	1.4 U	12	0.00012 U
MW-300	Downgradient	10/9/2020	0.0015 U	0.00039 U	0.011	0.00017 U	0.025 I	0.00028 U	0.58	8.9	0.0010 U	0.00056 U	4.71	0.032 U	0.00029 U	0.0019 U	0.000070 U	0.0045 U	4.60	0.00082 U	1.4 U	52	0.00012 U
MW-303	Downgradient	10/8/2020	0.0015 U	0.00069 I	0.076	0.00017 U	3.6	0.00028 U	100	230	0.0010 U	0.00056 U	8.36	0.032 U	0.00029 U	0.029	0.000070 U	0.50	6.68	0.0014	160	850	0.00038 I
MW-304	Downgradient	10/9/2020	0.0015 U	0.00039 U	0.015	0.00017 U	0.68	0.00028 U	120	14	0.0016 I	0.0019 I	1.58	0.040 I	0.00048 I	0.0019 U	0.00033	0.0045 U	6.49	0.0057	300	580	0.00015 I
MW-305	Downgradient	10/9/2020	0.0015 U	0.00057 I	0.016	0.00017 U	0.018 I	0.00028 U	0.76	7.5	0.0016 I	0.00056 U	0.858	0.032 U	0.00029 U	0.0019 U	0.00014 I	0.0045 U	4.93	0.00082 U	1.4 U	42	0.00012 U
MW-308	Downgradient	10/8/2020	0.0015 U	0.0011 I	0.022	0.00017 U	2.4	0.00028 U	55	36	0.0010 U	0.00056 U	3.17	0.070 I	0.00029 U	0.0019 U	0.000087 I	0.0045 U	5.78	0.0047	170	380	0.00031 I

Notes:
1. mg/L indicates milligrams per liter, pCi/L indicates picocuries per liter, SU indicates standard units.
2. TDS indicates Total Dissolved Solids.
3. "U" indicates analyte was analyzed but not detected.
4. "V" indicates that the analyte was detected at or above the method detection limit in both the sample and associated method blank and the value of 10 times the blank was equal to or greater than the associated sample value (i.e., the reported concentration may be biased high).
5. "I" indicates that the reported value is between laboratory method detection limit and laboratory practical quantitation limit.
6. Data validation was performed on laboratory analytical reports from the semi-annual assessment monitoring events of 2020 as described in the data validation reports included in Appendix A. Data validation flags are not included in Table 3.
7. Total radium is defined as the combined concentrations of Radium 226 and Radium 228.

TABLE 4: SUMMARY OF 2020 GROUNDWATER ELEVATIONS
Gulf Power Company - Plant Crist Landfill 2, Pensacola, Florida

Monitoring Location	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	4/13/2020	90.58	12.45
MW-101	577158.45	1107724.27	108	4/13/2020	95.97	12.03
MW-107	577201.66	1107442.83	114.71	4/13/2020	101.61	13.10
MW-108	576208.36	1107577.06	83.54	4/13/2020	69.51	14.03
MW-300	579587.59	1106288.51	68.8	4/13/2020	58.01	10.79
MW-301	579282.59	1106601.15	80.51	4/13/2020	69.04	11.47
MW-302	579752.44	1107202.72	57.97	4/13/2020	47.60	10.37
MW-303	580183.01	1107460.45	44.97	4/13/2020	36.48	8.49
MW-304	580661.43	1106931.50	41.82	4/13/2020	35.11	6.71
MW-305	580179.89	1106680.03	58.57	4/13/2020	49.89	8.68
MW-306	578417.11	1106200.44	70.56	4/13/2020	56.34	14.22
MW-307	578209.77	1106865.99	104.18	4/13/2020	90.86	13.32
MW-308	580349.51	1107304.17	42.65	4/13/2020	34.55	8.10

Notes:
1. Northing and easting are in feet relative to the State Plane Florida North Datum of 1983.
2. Elevations are in feet relative to the North American Vertical Datum of 1988.
3. Depth to water measurements are in feet below top of casing.

TABLE 4: SUMMARY OF 2020 GROUNDWATER ELEVATIONS
Gulf Power Company - Plant Crist Landfill 2, Pensacola, Florida

Monitoring Location	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	10/6/2020	90.07	12.96
MW-101	577158.45	1107724.27	108	10/6/2020	95.56	12.44
MW-107	577201.66	1107442.83	114.71	10/6/2020	101.34	13.37
MW-108	576208.36	1107577.06	83.54	10/6/2020	69.42	14.12
MW-300	579587.59	1106288.51	68.8	10/6/2020	56.40	12.40
MW-301	579282.59	1106601.15	80.51	10/6/2020	67.59	12.92
MW-302	579752.44	1107202.72	57.97	10/6/2020	44.49	13.48
MW-303	580183.01	1107460.45	44.97	10/6/2020	32.55	12.42
MW-304	580661.43	1106931.50	41.82	10/6/2020	31.69	10.13
MW-305	580179.89	1106680.03	58.57	10/6/2020	47.02	11.55
MW-306	578417.11	1106200.44	70.56	10/6/2020	55.79	14.77
MW-307	578209.77	1106865.99	104.18	10/6/2020	90.34	13.84
MW-308	580349.51	1107304.17	42.65	10/6/2020	30.56	12.09

Notes:
1. Northing and easting are in feet relative to the State Plane Florida North Datum of 1983.
2. Elevations are in feet relative to the North American Vertical Datum of 1988.
3. Depth to water measurements are in feet below top of casing.

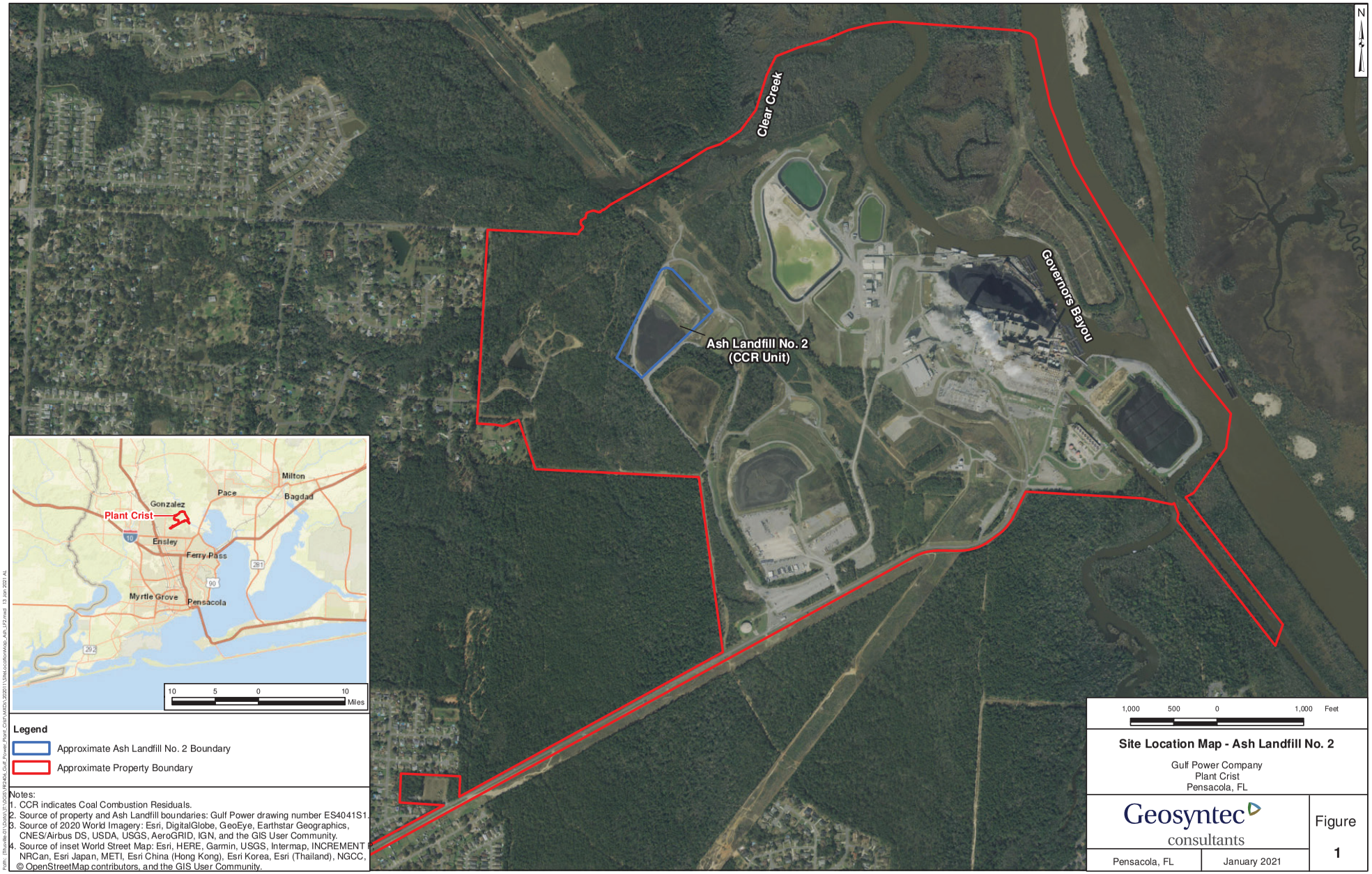
TABLE 5: SUMMARY OF BACKGROUND LIMITS AND GROUNDWATER PROTECTION STANDARDS
Gulf Power Company - Plant Crist Landfill 2, Pensacola, Florida

Analyte	Units[1]	USEPA CCR Rule Specified Limit	October 2019		June 2020		October 2020	
			Background[3]	Site-Specific GWPS[4, 5]	Background[3]	Site-Specific GWPS[4, 5]	Background[3]	Site-Specific GWPS[4, 5]
Antimony	mg/L	0.006	0.0025	0.006	0.0025	0.006	0.0025	0.006
Arsenic	mg/L	0.01	0.0013	0.01	0.0013	0.01	0.0013	0.01
Barium	mg/L	2	0.01931	2	0.01942	2	0.019	2
Beryllium	mg/L	0.004	0.0005	0.004	0.0005	0.004	0.0015	0.004
Cadmium	mg/L	0.005	0.0005	0.005	0.0005	0.005	0.0025	0.005
Chromium	mg/L	0.1	0.0059	0.1	0.0059	0.1	0.0059	0.1
Cobalt[2]	mg/L	0.006	0.0032	0.006	0.0032	0.006	0.0032	0.006
Fluoride	mg/L	4	0.12	4	0.12	4	0.12	4
Lead[2]	mg/L	0.015	0.001	0.015	0.001	0.015	0.0013	0.015
Lithium[2]	mg/L	0.04	0.0037	0.04	0.0037	0.04	0.0054	0.04
Mercury	mg/L	0.002	0.0002	0.002	0.0002	0.002	0.00025	0.002
Molybdenum[2]	mg/L	0.1	0.0042	0.1	0.0042	0.1	0.015	0.1
Selenium	mg/L	0.05	0.0025	0.05	0.0025	0.05	0.0025	0.05
Thallium	mg/L	0.002	0.0001	0.002	0.0001	0.002	0.0005	0.002
Total Radium-226+228	pCi/L	5	2.5	5	2.364	5	2.25	5

Notes:

1. USEPA indicates United States Environmental Protection Agency; CCR indicates Coal Combustion Residuals; GWPS indicates Groundwater Protection Standard; mg/L indicates milligrams per liter; pCi/L indicates picocuries per liter.
2. USEPA CCR Rule Specified Limit established in the USEPA CCR Rule Amendment dated July 30, 2018.
3. Background indicates the statistically derived upper tolerance limit.
4. GWPS selected as the higher of the USEPA CCR Rule Specified Limit and background.
5. Total Radium is defined as the combined concentrations of Radium 226 and Radium 228.

FIGURES



Legend

Approximate Ash Landfill No. 2 Boundary

Approximate Property Boundary

Notes:
1. CCR indicates Coal Combustion Residuals.
2. Source of property and Ash Landfill boundaries: Gulf Power drawing number ES4041S1.
3. Source of 2020 World Imagery: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.
4. Source of inset World Street Map: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community.

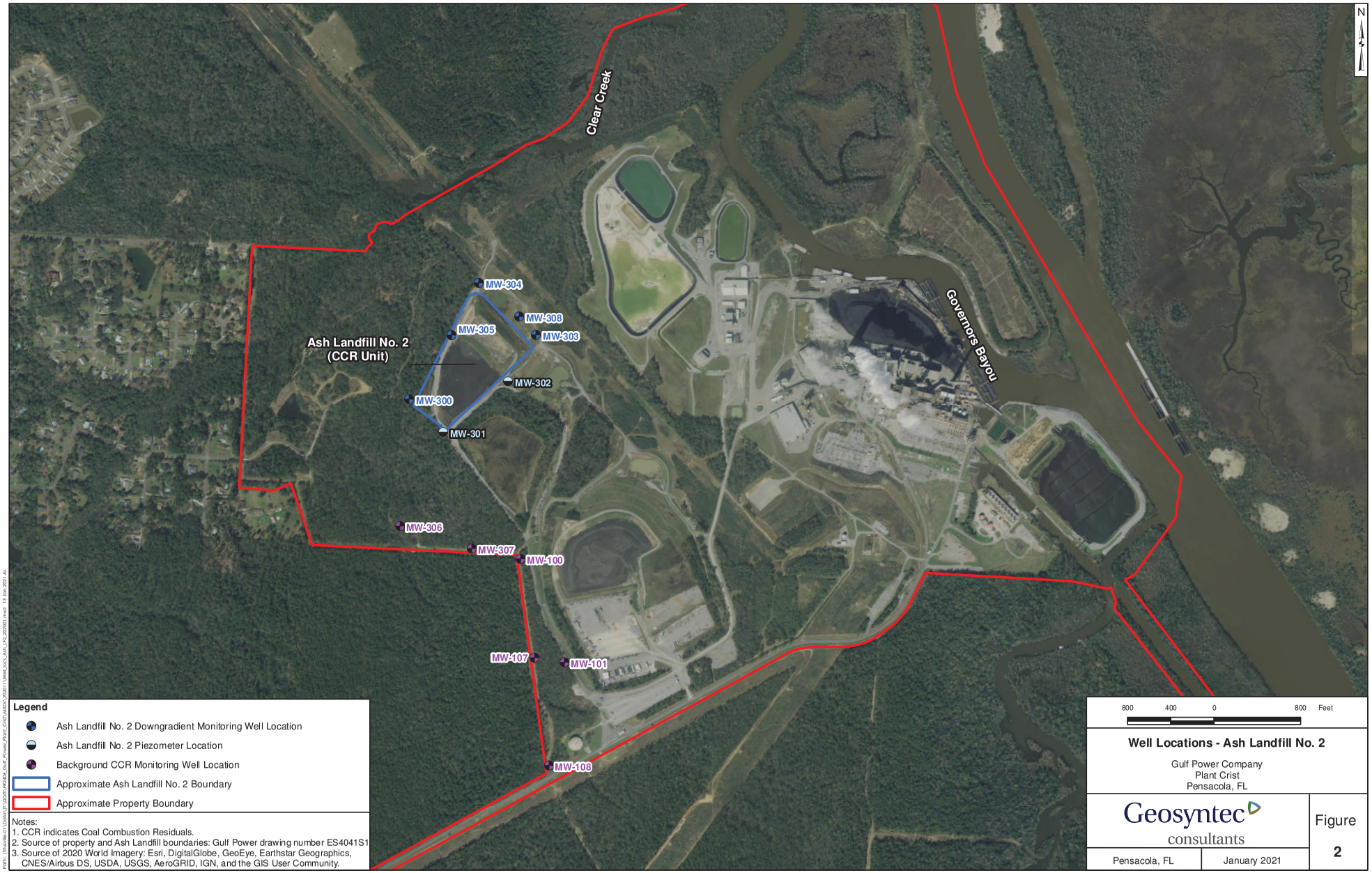
Site Location Map - Ash Landfill No. 2

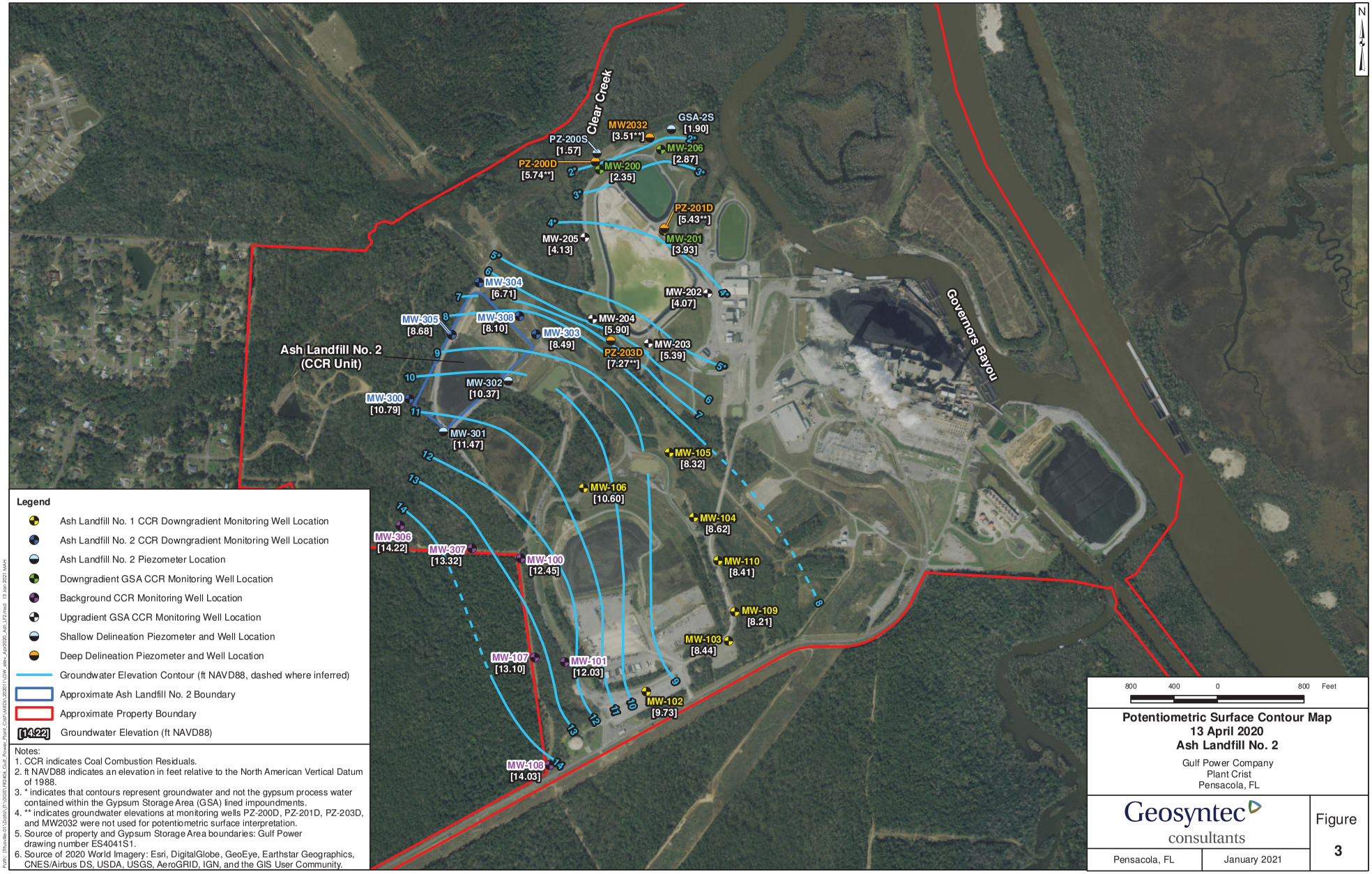
Gulf Power Company
Plant Crist
Pensacola, FL

Geosyntec consultants

Figure 1

Pensacola, FL | January 2021


Clear Creek
Governors Bayou
Ash Landfill No. 2
(CCR Unit)
MW-304
MW-308
MW-305
MW-303
MW-302
MW-300
MW-301
MW-306
MW-307
MW-100
MW-107
MW-101
MW-108
N
Legend
Ash Landfill No. 2 Downgradient Monitoring Well Location
Ash Landfill No. 2 Piezometer Location
Background CCR Monitoring Well Location
Approximate Ash Landfill No. 2 Boundary
Approximate Property Boundary
Notes:
1. CCR indicates Coal Combustion Residuals.
2. Source of property and Ash Landfill boundaries: Gulf Power drawing number ES4041S1
3. Source of 2020 World Imagery: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.
800 400 0 800 Feet
Well Locations - Ash Landfill No. 2
Gulf Power Company
Plant Crist
Pensacola, FL
Geosyntec consultants
Figure
2
Pensacola, FL
January 2021



Legend

- Ash Landfill No. 1 CCR Downgradient Monitoring Well Location
- Ash Landfill No. 2 CCR Downgradient Monitoring Well Location
- Ash Landfill No. 2 Piezometer Location
- Downgradient GSA CCR Monitoring Well Location
- Background CCR Monitoring Well Location
- Upgradient GSA CCR Monitoring Well Location
- Shallow Delineation Piezometer and Well Location
- Deep Delineation Piezometer and Well Location
- Groundwater Elevation Contour (ft NAVD88, dashed where inferred)
- Approximate Ash Landfill No. 2 Boundary
- Approximate Property Boundary
- [14.22] Groundwater Elevation (ft NAVD88)

Notes:
1. CCR indicates Coal Combustion Residuals.
2. ft NAVD88 indicates an elevation in feet relative to the North American Vertical Datum of 1988.
3. * indicates that contours represent groundwater and not the gypsum process water contained within the Gypsum Storage Area (GSA) lined impoundments.
4. ** indicates groundwater elevations at monitoring wells PZ-200D, PZ-201D, PZ-203D, and MW2032 were not used for potentiometric surface interpretation.
5. Source of property and Gypsum Storage Area boundaries: Gulf Power drawing number ES4041S1.
6. Source of 2020 World Imagery: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

Potentiometric Surface Contour Map
13 April 2020
Ash Landfill No. 2

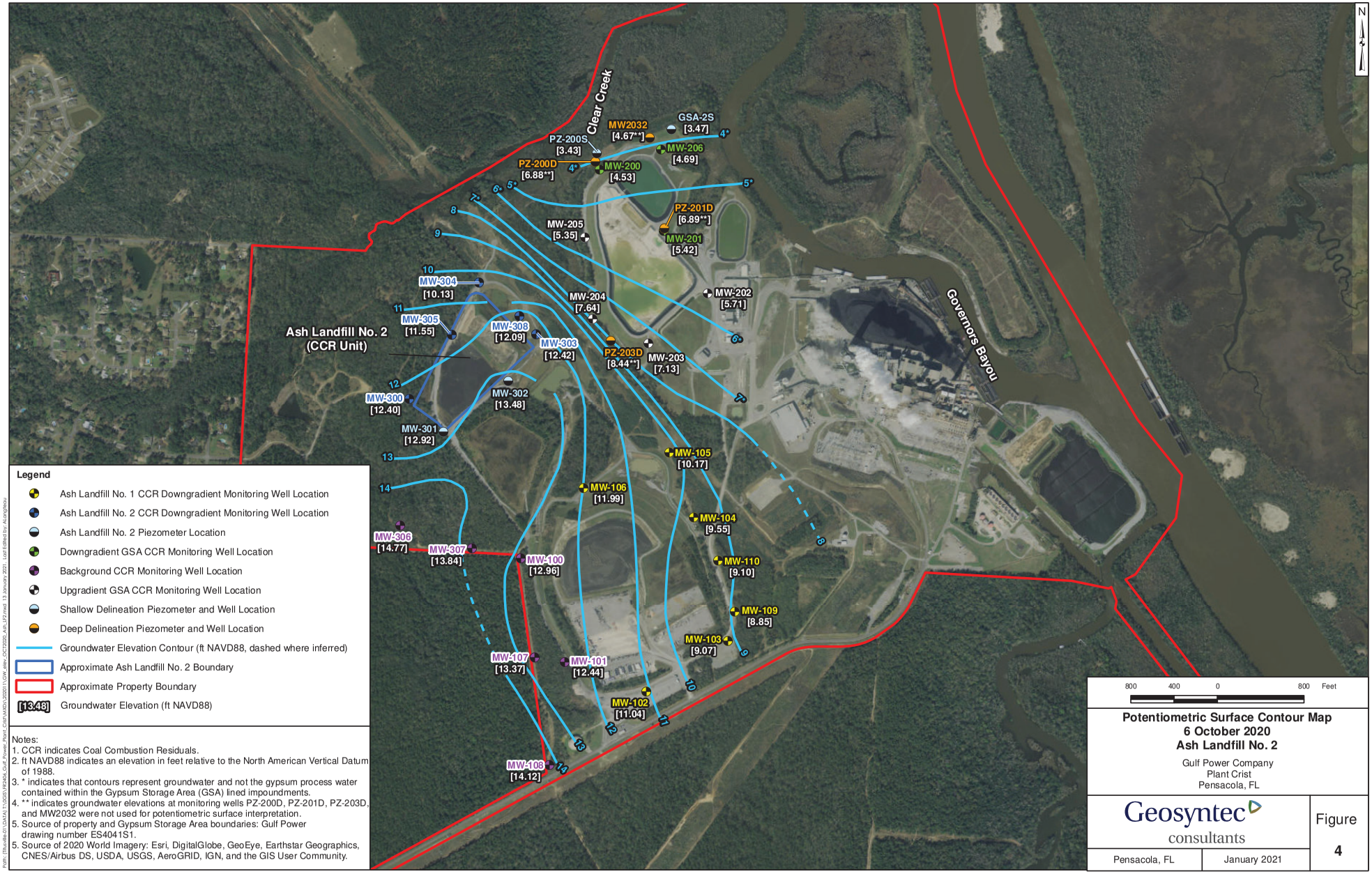
Gulf Power Company
Plant Crist
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2021

Figure 3

Path: [Rivelle-01\Docs\]T:\GGIS\R2404s_Gulf_Power_Plant_Crist\MXD\v.2020\11\GW_elev_Apr2020_Ash_LF2.mxd 13 Jan 2021 MAH



Notes:
1. CCR indicates Coal Combustion Residuals.
2. ft NAVD88 indicates an elevation in feet relative to the North American Vertical Datum of 1988.
3. * indicates that contours represent groundwater and not the gypsum process water contained within the Gypsum Storage Area (GSA) lined impoundments.
4. ** indicates groundwater elevations at monitoring wells PZ-200D, PZ-201D, PZ-203D, and MW2032 were not used for potentiometric surface interpretation.
5. Source of property and Gypsum Storage Area boundaries: Gulf Power drawing number ES4041S1.
5. Source of 2020 World Imagery: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

Potentiometric Surface Contour Map
6 October 2020
Ash Landfill No. 2

Gulf Power Company
Plant Crist
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2021

Figure 4

Path: [Thurville-01\DATA] T:\GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202011\GW_elev_OCT2020_Ash_LF2.mxd 13 January 2021, Last Edited by: ALongteau

APPENDIX A

Laboratory Analytical, Field Sampling Reports, and Data Validation Reports

Geosyntec consultants

180A Market Place Boulevard
Knoxville, TN 37922
PH 865.330.0037
www.geosyntec.com

Memorandum

Date: March 31, 2020

To: Lane Dorman

From: Jennifer Pinion

CC: J. Caprio

Subject: Stage 2A Data Validation - Level II Data Deliverable – Eurofins TestAmerica Job ID 400-179133-1

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of six aqueous samples and one field duplicate, collected November 6, 2019, as part of the CCR Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, Pensacola, Florida, for the following analytical tests:

- Metals by United States (US) Environmental Protections Agency (EPA) Methods 3005A/6020
- Mercury by US EPA Method 7470A
- Total Dissolved Solids (TDS) by Standard Method 2540C
- Chloride by Standard Method 4500 CL-E
- Fluoride by Standard Method 4500 F C
- Sulfate by Standard Method 4500 SO4 E

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and

- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, January 2017 (US EPA 540-R-2017-001).

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-179133-1	MW-100
400-179133-2	MW-101
400-179133-3	MW-107
400-179133-4	MW-108

Laboratory ID	Client ID
400-179133-5	MW-306
400-179133-6	MW-307
400-179133-7	DUP-01

The chain of custody (COC) indicates the samples were received within 0-6ºC. No preservation issues were noted by the laboratory.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to

the total number of analytical results requested on samples submitted for this analysis, for this dataset is 100%.

1.1.2 Analysis Anomaly

The laboratory narrative notes that due to analytical oversight more than 10 samples are bracketed between reportable QC. Based on professional and technical judgement, no qualifications were applied to the data.

The laboratory noted that the internal standard responses were outside of acceptance limits and/or continuing calibration verification (CCV) failed high in analytical batch 465937. The samples were reanalyzed; therefore, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported (batches 465553 and 472739). Metals were not detected in the method blanks above the method detection limits (MDLs), with the following exceptions.

Arsenic, barium and boron were detected in the method blank in batch 465553 at estimated concentrations greater than the MDL and less than the practical quantitation limit (PQL). Therefore, the estimated concentrations of arsenic and boron greater than the MDL and less than the PQL in the associated samples were U qualified as not detected at the PQL. No qualifications were applied to the concentrations of barium or boron greater than the PQL.

Boron was detected in the method blank in batch 472739 at an estimated concentration greater than the MDL and less than the PQL. Since boron was detected in the associated sample at a concentration greater than the RL, no qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-100	Arsenic	0.00020	I V	0.00025	U	3
MW-101	Arsenic	0.00019	I V	0.00025	U	3
MW-107	Arsenic	0.00020	I V	0.00025	U	3
MW-108	Arsenic	0.00012	I V	0.00025	U	3

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-306	Arsenic	0.00014	I V	0.00025	U	3
MW-307	Arsenic	0.00024	I V	0.00025	U	3
DUP-01	Arsenic	0.00013	I V	0.00025	U	3
MW-307	Boron	0.0099	I V	0.010	U	3

mg/L- milligram per liter
I- laboratory flag indicating the reported value is between the laboratory MDL and the laboratory PQL.
V- laboratory flag indicating that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample specific MS/MSD pair was reported, using sample MW-100. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria. In addition, one batch MS/MSD was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

An equipment blanks was not collected with the sample set.

1.7 Field Blank

A field blank was not collected with the sample set.

1.8 Field Duplicate

One field duplicate was reported with the sample set, DUP-01. Acceptable precision (RPD ≤30%) was demonstrated between the field duplicate and the original sample, MW-108.

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury by US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this dataset is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 462974). Mercury was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery result was within the laboratory specified acceptance criteria.

2.6 Equipment Blank

An equipment blank was not collected with the sample set.

2.7 Field Blank

A field blank was not collected with the sample set.

2.8 Field Duplicate

One field duplicate was reported with the sample set, DUP-01. Acceptable precision (RPD ≤30%) was demonstrated between the field duplicate and the original sample, MW-108.

2.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

3.0 WET CHEMISTRY

The samples were analyzed for chloride by Standard Method 4500 Cl-E, fluoride by Standard Method 4500 F C, sulfate by Standard Method 4500 SO4 E and TDS by Standard Method 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for these analyses, for this dataset is 100%.

3.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for each analysis and batch (TDS batches 465489 and 465652, chloride batches 465100 and 465276, sulfate batch 465094, fluoride batch 465902). The wet chemistry parameters were not detected in the method blanks above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for chloride and sulfate, both using sample MW-101. The recovery and RPD results were within the laboratory specified acceptance criteria with the following exceptions.

The laboratory narrative notes that spike compounds for sulfate were omitted during the extraction process for the MS/MSD. However, based on the LCS results and professional and technical judgement, no qualifications were applied to the data.

Batch MS/MSD pair were also reported for chloride and fluoride. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

3.6 Laboratory Duplicate

A sample set specific laboratory duplicate was reported for TDS using sample MW-307. The RPD result was not within the laboratory specified acceptance criteria.

The RPD for TDS in the duplicate using sample MW-307 was high and outside the laboratory specified acceptance criteria. However, since the original sample and the duplicate are less than 5 times the PQL and the absolute difference between the two results is less than the PQL, no qualifications were applied to the data.

One batch laboratory duplicate was also reported for TDS. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.7 Equipment Blank

An equipment blank was not collected with the sample set.

3.8 Field Blank

A field blank was not collected with the sample set.

3.9 Field Duplicate

One field duplicate was reported with the sample set, DUP-01. Acceptable precision (RPD ≤30%) was demonstrated for the wet chemistry parameters between the field duplicate and the original sample, MW-108, with the following exception.

TDS were detected in the field duplicate at a concentration greater than the PQL and not detected in sample MW-108, resulting in a non-calculable RPD. Therefore, based on professional and technical judgement, the concentration of TDS was J qualified as estimated and the non-detect TDS result was UJ qualified as estimated less than the MDL.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-108	TDS	3.4	U	NC	3.4	UJ	7
DUP-01	TDS	120	NA		120	J	7

mg/L- milligram per liter
U-not detected at or above the MDL or MRL
NA-not applicable
NC-non-calculable

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

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Memorandum

Date:	April 2, 2020
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins TestAmerica Job ID 180-179133-2**

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of six water samples and one field duplicate, collected November 6, 2019, as part of the Plant Crist sampling event.

The samples were reported by Eurofins TestAmerica (ETA), Pensacola, FL and analyzed at ETA, St Louis, MO, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Combined Radium 226 + 228 by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- American Nuclear Society Verification and Validation of Radiological Data for Use in Management and Environmental Remediation, ANSI/ANS-41.5-2012, February 15, 2012.

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-179133-1	MW-100
400-179133-2	MW-101
400-179133-3	MW-107
400-179133-4	MW-108

Laboratory ID	Client ID
400-179133-5	MW-306
400-179133-6	MW-307
400-179133-7	DUP-01

No preservation issues were noted by the laboratory.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and combine radium 226+228 by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Tracers and Carriers
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data package are considered usable for meeting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this sample set is 100%.

1.2 Holding Times

The holding time for the radiochemistry analyses of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for radium-226 (batch 449863) and radium-228 (batch 449864). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCS/LCS duplicate (LCSD) pairs were reported for radium-226 and radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria.

1.6 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.7 Equipment Blank

An equipment blank was not collected with the sample set.

1.8 Field Blank

A field blank was not collected with the sample set.

1.9 Field Duplicate

One field duplicate was reported with the sample set, DUP-01. Acceptable precision (RER $\leq$ 3) was demonstrated between the field duplicate and the original sample, MW-108.

1.10 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

1.11 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

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Memorandum

Date: June 18, 2020

To: Lane Dorman

From: Jennifer Pinion

CC: J. Caprio

Subject: Stage 2A Data Validations - Level II Data Deliverable – Eurofins TestAmerica Job ID 400-179415-1

SITE: CCR Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of five aqueous samples, one field blank, one equipment blank and one field duplicate, collected November 11, 2019, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, Pensacola, Florida, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020
- Mercury by US EPA Method 7470A
- Total Dissolved Solids (TDS) by Standard Method 2540C
- Chloride by Standard Method 4500 CL-E
- Fluoride by Standard Method 4500 F C
- Sulfate by Standard Method 4500 SO4 E

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, January 2017 (EPA 540-R-2017-001).

The following samples were analyzed and reported in the laboratory report:

Laboratory IDs	Client IDs
400-179415-1	MW-300
400-179415-2	MW-303
400-179415-3	MW-304
400-179415-4	MW-305

Laboratory IDs	Client IDs
400-179415-5	MW-308
400-179415-6	FIELD BLANK 2
400-179415-7	EB-02
400-179415-8	DUPLICATE

The chain of custody (COC) indicates the samples were between 0-6ºC. No preservation issues were noted by the laboratory.

Incorrect error corrections were observed on the COC, instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this dataset is 100%.

1.1.2 Analysis Anomaly

The internal standard recoveries for selenium were high and outside the laboratory specified acceptance criteria in samples MW-300 (127%), MW-305 (136%), FIELD BLANK 2 (134%) and EB-02 (130%). Therefore, the concentration of selenium in sample MW-305 was J qualified as estimated and the non-detect results in the associated samples were UJ qualified as estimated less than the MDL.

Sample ID	Compound	Laboratory Result (mg/l)	Laboratory Flag	Validation Result (mg/l)	Validation Qualifier*	Reason Code**
MW-300	Selenium	0.00016	U	0.00016	UJ	11
MW-305	Selenium	0.00027	NA	0.00027	J	11
EB-02	Selenium	0.00016	U	0.00016	UJ	11
FIELD BLANK 2	Selenium	0.00016	U	0.00016	UJ	11

mg/L- milligram per liter
U-not detected at or above the MDL
NA-not applicable
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 465613). Metals were not detected in the method blank above the method detection limits (MDLs), with the following exceptions.

Boron was detected at a concentration greater than the PQL in the method blank in batch 465613 (analytical batch 466236). Therefore, the estimated concentrations of boron in the associated samples were U qualified as non-detect at the reporting limit and the concentration of boron in the associated sample greater than the PQL and less than ten times the method blank concentration was J+ qualified as estimated with a high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-300	Boron	0.035	V	0.035	J+	3
EB-02	Boron	0.0053	I V	0.010	U	3
FIELD BLANK 2	Boron	0.0073	I V	0.010	U	3

mg/L- milligram per liter
I-laboratory flag indicating the reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
V-laboratory flag indicating that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Boron, calcium and thallium were detected at estimated concentrations greater than the MDL and less than the PQL in the method blank in batch 465613 (analytical batch 465770). Therefore, the concentrations of thallium greater than the MDL and less than the PQL in the method blank were U qualified as not detected at the PQL. Qualifications were not applied to the concentrations of calcium greater than the PQL, based on professional and technical judgement. Boron was not reported in the samples in analytical batch 465770, therefore, no qualifications were applied to the boron data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUPLICATE	Thallium	0.00023	I V	0.0005	U	3
MW-303	Thallium	0.00023	I V	0.0005	U	3
MW-304	Thallium	0.00029	I V	0.0005	U	3
MW-308	Thallium	0.00023	I V	0.0005	U	3
FIELD BLANK 2	Thallium	0.00014	I V	0.0005	U	3

mg/L- milligram per liter
I-laboratory flag indicating the reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
V-laboratory flag indicating that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Batch MS/MSD pairs were reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported with each batch. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

One equipment blank was collected with the sample set, EB-02. Metals were not detected in the equipment blank with the following exceptions.

Boron was detected at an estimated concentration greater than the MDL and less than the PQL in the equipment blank. Since boron was U qualified in the equipment blank due to method blank contamination, no further qualifications were applied to the data.

1.7 Field Blank

One field blank was collected with the sample set, FIELD BLANK 2. Metals were not detected in the field blank with the following exceptions.

Boron and thallium were detected at estimated concentrations greater than the MDL and less than the PQL in the field blank. Since boron was U qualified in the field blank due to method blank contamination, no further qualifications were applied to the boron data. The thallium concentrations greater than the MDL and less than the PQL in the associated samples were previously qualified in the method blanks, therefore, no additional qualifications were applied to the data.

1.8 Field Duplicate

One field duplicate was collected with the sample set, DUPLICATE. Acceptable precision (RPD $\leq$ 30%) was demonstrated between the field duplicate and the original sample, MW-308, with the following exceptions.

Lithium was detected at an estimated concentration greater than the MDL and less than the PQL in the field duplicate and at a concentration greater than the PQL in sample MW-308, resulting in

a non-calculable RPD. Therefore, based on professional and technical judgement, the concentrations of lithium in the field duplicate pair were J qualified as estimated.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
DUPLICATE	Lithium	0.00084	I	NC	0.00084	J	7
MW-308	Lithium	0.0013	NA		0.0013	J	7

mg/L- milligram per liter
I-laboratory flag indicating the reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
NC-non-calculable

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury by US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this dataset is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 465789). Mercury was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery result was within the laboratory specified acceptance criteria.

2.6 Equipment Blank

One equipment blank was collected with the sample set, EB-02. Mercury was not detected in the equipment blank.

2.7 Field Blank

One field blank was collected with the sample set, FIELD BLANK 2. Mercury was not detected in the field blank.

2.8 Field Duplicate

One field duplicate was collected with the sample set, DUPLICATE. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, MW-308.

2.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

3.0 WET CHEMISTRY

The samples were analyzed for chloride by Standard Method 4500 Cl-E, fluoride by Standard Method 4500 F C, sulfate by Standard Method 4500 SO4 E and TDS by Standard Method 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Laboratory Duplicate
✓ Equipment Blank
✓ Field Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to

the total number of analytical results requested on samples submitted for these analyses, for this dataset is 100%.

3.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for each analysis and batch (TDS batches 465768 and 465781, chloride batches 465734, sulfate batches 465569, fluoride batch 467461.) The wet chemistry parameters were not detected in the method blanks above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Batch MS/MSD pairs were reported for to chloride, fluoride and sulfate. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data. MS/MSD pairs were not reported for TDS.

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria. Method reporting limit standards (MRLs) were also reported for chloride and sulfate.

3.6 Laboratory Duplicate

Two sample set specific laboratory duplicates were reported, using samples MW-303 and DUPLICATE. The RPDs were within the laboratory specified acceptance criteria for the duplicate using sample DUPLICATE. The RPD for TDS using sample MW-303 was high and outside the laboratory specified acceptance criteria. Therefore, the concentration of TDS in sample MW-303 was J qualified as estimated. Laboratory duplicates were not reported for the other wet chemistry parameters.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code
MW-303	Total Dissolved Solids	390	NA	390	J	12

mg/L- milligram per liter
NA-not applicable

3.7 Equipment Blank

One equipment blank was collected with the sample set, EB-02. The wet chemistry parameters were not detected in the equipment blank.

3.8 Field Blank

One field blank was collected with the sample set, FIELD BLANK 2. The wet chemistry parameters were not detected in the field blank.

3.9 Field Duplicate

One field duplicate was collected with the sample set, DUPLICATE. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, MW-308.

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

Geosyntec consultants

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Memorandum

Date:	March 30, 2020
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins TestAmerica Job ID 400-179415-2**

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of five water samples, one field duplicate, one field blank and one equipment blank, collected November 11, 2019, as part of the Plant Crist sampling event.

The samples were reported by Eurofins TestAmerica (ETA), Pensacola, FL and analyzed at ETA, St. Louis, MO, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Combined Radium 226 + 228 by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- American Nuclear Society Verification and Validation of Radiological Data for Use in Management and Environmental Remediation, ANSI/ANS-41.5-2012, February 15, 2012.

The following samples were analyzed and reported in the laboratory report:

Laboratory IDs	Client IDs
400-179415-1	MW-300
400-179415-2	MW-303
400-179415-3	MW-304
400-179415-4	MW-305

Laboratory IDs	Client IDs
400-179415-5	MW-308
400-179415-6	FIELD BLANK 2
400-179415-7	EB-02
400-179415-8	DUPLICATE

No preservation issues were noted by the laboratory.

Incorrect error correction was noted on the chain of custody (COC) rather than the correct procedure of a single strike through, initals and date of the person making the correction.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and combined radium 226+228 by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Tracers and Carriers
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data package are considered usable for meeting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this sample set is 100%.

1.2 Holding Times

The holding time for the radiochemistry analyses of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for radium-226 (batch 450482) and radium-228 (batch 450485). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCS/LCS duplicate (LCSD) pairs were reported for radium-226 and radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria.

1.6 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.7 Equipment Blank

One equipment blank was collected with the sample set, EB-02. The radiochemistry parameters were not detected in the equipment blank above the MDCs.

1.8 Field Blank

One field blank was collected with the sample set, FIELD BLANK 2. The radiochemistry parameters were not detected in the field blank above the MDCs.

1.9 Field Duplicate

One field duplicate was reported with the sample set, DUPLICATE. Acceptable precision (RER ≤ 3) was demonstrated between the field duplicate and the original sample, MW-308.

1.10 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

1.11 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

Product Name: Low-Flow System

Date: 2020-04-16 11:34:27

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	121 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	104 ft

Well Information:		Pumping Information:	
Well ID	MW-100	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7600741 L
Well Total Depth	119 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.24 in
Depth to Water	90.91 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	11:12:27	300.02	22.31	5.13	37.41	0.67	90.93	6.22	145.53
Last 5	11:17:27	600.02	22.08	5.05	38.63	0.58	90.93	7.00	145.49
Last 5	11:22:27	900.02	22.05	5.03	39.02	0.62	90.93	7.22	145.73
Last 5	11:27:28	1201.02	22.04	4.99	39.38	0.74	90.93	7.30	146.91
Last 5	11:32:28	1501.02	22.04	5.03	39.47	0.70	90.93	7.35	148.92
Variance 0			-0.03	-0.02	0.39			0.22	0.24
Variance 1			-0.01	-0.04	0.36			0.08	1.18
Variance 2			0.00	0.04	0.09			0.05	2.01

Notes

Sample time @ 1135. Sunny 65. DUP-01@ fake time 1035.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-16 16:40:12

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	120 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	113.1 ft

Well Information:		Pumping Information:	
Well ID	MW-101	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7556108 L
Well Total Depth	118.1 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.6 in
Depth to Water	96.15 ft	Total Volume Pumped	8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	16:22:33	300.02	22.49	5.13	24.58	0.55	96.20	8.49	137.88
Last 5	16:27:33	600.02	22.02	5.16	24.76	0.54	96.20	8.47	134.41
Last 5	16:32:33	900.02	21.90	5.17	24.87	0.45	96.20	8.41	131.23
Last 5	16:37:33	1200.03	21.84	5.17	24.91	0.40	96.20	8.37	129.11
Last 5									
Variance 0			-0.47	0.03	0.18			-0.02	-3.47
Variance 1			-0.12	0.01	0.11			-0.06	-3.18
Variance 2			-0.06	-0.00	0.03			-0.04	-2.12

Notes

Sample time @ 1640. Sunny 70. EB-01@ 1610.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-16 10:29:09

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	126 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	119 ft

Well Information:		Pumping Information:	
Well ID	MW-107	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7823914 L
Well Total Depth	124 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.24 in
Depth to Water	101.93 ft	Total Volume Pumped	20 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	10:06:39	1802.02	21.24	5.10	26.88	0.27	101.95	8.17	128.43
Last 5	10:11:39	2102.02	20.97	5.11	26.97	0.25	101.95	8.27	127.54
Last 5	10:16:39	2402.02	21.05	5.09	26.97	0.22	101.95	8.27	128.28
Last 5	10:21:40	2703.02	21.19	5.14	26.90	0.20	101.95	8.25	127.52
Last 5	10:26:40	3003.02	21.24	5.15	26.89	0.20	101.95	8.24	128.31
Variance 0			0.08	-0.02	-0.00			0.00	0.75
Variance 1			0.14	0.04	-0.07			-0.02	-0.76
Variance 2			0.05	0.01	-0.01			-0.01	0.79

Notes

Sample time @ 1030. Sunny 65.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-16 08:52:12

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	100 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	92.9 ft

Well Information:		Pumping Information:	
Well ID	MW-108	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.6663423 L
Well Total Depth	97.9 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.24 in
Depth to Water	69.75 ft	Total Volume Pumped	12 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	08:28:27	600.02	20.13	5.08	39.62	0.43	69.77	7.37	131.28
Last 5	08:33:27	900.02	20.26	4.99	39.00	0.68	69.77	7.38	133.03
Last 5	08:38:27	1200.02	20.44	4.96	38.51	0.84	69.77	7.37	133.64
Last 5	08:43:29	1502.02	20.48	4.96	38.11	0.85	69.77	7.39	133.60
Last 5	08:48:29	1802.02	20.53	4.96	37.75	0.88	69.77	7.41	133.20
Variance 0			0.18	-0.03	-0.49			-0.00	0.61
Variance 1			0.05	0.01	-0.40			0.02	-0.03
Variance 2			0.04	-0.00	-0.36			0.02	-0.40

Notes

Sample time @ 0850. Sunny 60.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-16 15:41:12

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	95 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	88.2 ft

Well Information:		Pumping Information:	
Well ID	MW-306	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.6440251 L
Well Total Depth	93.2 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.72 in
Depth to Water	56.46 ft	Total Volume Pumped	28 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	15:18:32	3001.02	22.00	5.12	31.26	2.80	56.52	7.77	130.44
Last 5	15:23:33	3302.02	22.01	5.12	31.21	2.45	56.52	7.77	129.63
Last 5	15:28:33	3602.02	22.00	5.13	31.27	1.80	56.52	7.77	133.83
Last 5	15:33:33	3902.02	22.09	5.14	31.01	1.19	56.52	7.74	135.57
Last 5	15:38:33	4202.02	22.03	5.13	31.01	1.10	56.52	7.74	136.78
Variance 0			-0.01	0.01	0.06			0.00	4.20
Variance 1			0.09	0.01	-0.26			-0.03	1.75
Variance 2			-0.05	-0.00	-0.00			0.00	1.20

Notes

Sample time @ 1540. Sunny 75.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-16 13:46:07

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	125 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	118.2 ft

Well Information:		Pumping Information:	
Well ID	MW-307	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7779279 L
Well Total Depth	123.2 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	10.32 in
Depth to Water	91.09 ft	Total Volume Pumped	28 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	13:22:25	3001.02	21.99	5.62	27.91	0.86	91.95	4.77	87.16
Last 5	13:27:25	3301.03	21.99	5.60	27.74	0.58	91.95	5.01	89.67
Last 5	13:32:25	3601.02	22.01	5.58	27.60	0.44	91.95	5.19	92.60
Last 5	13:37:25	3901.02	21.99	5.57	27.52	0.38	91.95	5.28	93.59
Last 5	13:42:29	4205.02	21.96	5.58	27.50	0.35	91.95	5.36	92.95
Variance 0			0.02	-0.02	-0.13			0.17	2.93
Variance 1			-0.02	-0.02	-0.08			0.09	0.99
Variance 2			-0.02	0.01	-0.02			0.08	-0.63

Notes

Sample time@ 1345. Sunny 75.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-18 08:40:05

Project Information:		Pump Information:	
Operator Name	Rick Hagendorfer	Pump Model/Type	QED
Company Name	RDH Env	Tubing Type	PE
Project Name	Crist CCR	Tubing Diameter	.17 in
Site Name	Crist plant	Tubing Length	83 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	597516		
Turbidity Make/Model	Hach 2100Q	Pump placement from TOC	73.0 ft

Well Information:		Pumping Information:	
Well ID	MW-300	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5904641 L
Well Total Depth	78.0 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.13 in
Depth to Water	57.92 ft	Total Volume Pumped	12 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 5		+/- 0.2	+/- 10
Last 5	08:15:30	600.02	20.47	4.67	38.57	4.92	58.15	6.05	119.78
Last 5	08:20:30	900.03	20.42	4.67	38.11	4.44	58.15	5.90	135.76
Last 5	08:25:30	1200.02	20.37	4.66	38.05	3.10	58.15	5.89	144.94
Last 5	08:30:30	1500.02	20.41	4.68	38.10	2.25	58.15	5.89	148.29
Last 5	08:35:30	1800.02	20.49	4.69	38.33	1.58	58.15	5.93	149.61
Variance 0			-0.05	-0.01	-0.06			-0.01	9.18
Variance 1			0.05	0.02	0.05			0.00	3.35
Variance 2			0.08	0.00	0.23			0.04	1.33

Notes

Sample time 0840. Cloudy 73.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-18 13:55:18

Project Information:		Pump Information:	
Operator Name	Rick Hagendorfer	Pump Model/Type	QED
Company Name	RDH Env	Tubing Type	PE
Project Name	Crist CCR	Tubing Diameter	.17 in
Site Name	Crist plant	Tubing Length	68 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	597516		
Turbidity Make/Model	Hach 2100Q	Pump placement from TOC	58.0 ft

Well Information:		Pumping Information:	
Well ID	MW-303	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5235128 L
Well Total Depth	63.0 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.08 in
Depth to Water	36.56 ft	Total Volume Pumped	20 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 5		+/- 0.2	+/- 10
Last 5	13:32:56	1800.02	22.84	6.67	1070.78	4.32	36.64	3.66	159.86
Last 5	13:37:56	2100.02	22.84	6.66	1069.45	4.12	36.64	3.63	157.36
Last 5	13:42:56	2400.02	22.78	6.65	1067.62	3.10	36.64	3.59	155.14
Last 5	13:47:56	2700.02	22.82	6.64	1068.88	2.55	36.64	3.58	153.20
Last 5	13:52:58	3002.02	22.94	6.61	1060.82	2.45	36.64	3.47	151.25
Variance 0			-0.06	-0.01	-1.83			-0.03	-2.22
Variance 1			0.04	-0.01	1.26			-0.01	-1.95
Variance 2			0.13	-0.02	-8.06			-0.11	-1.95

Notes

Sample time 1355. EB-02 sample time 1240. Cloudy 81.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-18 12:01:04

Project Information:		Pump Information:	
Operator Name	Rick Hagendorfer	Pump Model/Type	QED
Company Name	RDH Env	Tubing Type	PE
Project Name	Crist CCR	Tubing Diameter	.17 in
Site Name	Crist plant	Tubing Length	58 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	597516		
Turbidity Make/Model	Hach 2100Q	Pump placement from TOC	48.0 ft

Well Information:		Pumping Information:	
Well ID	MW-304	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.4788785 L
Well Total Depth	53.0 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.04 in
Depth to Water	36.15 ft	Total Volume Pumped	12 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 5		+/- 0.2	+/- 10
Last 5	11:39:06	600.02	23.02	5.20	1622.84	1.04	35.19	0.53	207.13
Last 5	11:44:06	900.08	22.84	5.19	1629.14	1.09	35.19	0.59	199.98
Last 5	11:49:06	1200.04	22.71	5.20	1622.75	0.93	35.19	0.55	194.07
Last 5	11:54:06	1500.02	22.75	5.20	1626.34	0.89	35.19	0.58	188.88
Last 5	11:59:06	1800.02	22.75	5.20	1626.06	0.84	35.19	0.61	184.88
Variance 0			-0.13	0.00	-6.39			-0.04	-5.92
Variance 1			0.04	0.01	3.59			0.03	-5.19
Variance 2			0.01	-0.00	-0.28			0.03	-4.00

Notes

Sample time 1202. Partly cloudy 81.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-18 10:33:59

Project Information:		Pump Information:	
Operator Name	Rick Hagendorfer	Pump Model/Type	QED
Company Name	RDH Env	Tubing Type	PE
Project Name	Crist CCR	Tubing Diameter	.17 in
Site Name	Crist plant	Tubing Length	78 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	597516		
Turbidity Make/Model	Hach 2100Q	Pump placement from TOC	68.0 ft

Well Information:		Pumping Information:	
Well ID	MW-305	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5681469 L
Well Total Depth	73.0 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.11 in
Depth to Water	49.91 ft	Total Volume Pumped	22 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 5		+/- 0.2	+/- 10
Last 5	10:10:52	2102.02	22.17	4.90	40.78	0.30	50.02	7.14	158.52
Last 5	10:15:53	2403.02	22.24	4.91	40.41	0.32	50.02	7.16	157.20
Last 5	10:20:53	2703.02	22.47	4.91	40.80	0.25	50.02	7.14	156.81
Last 5	10:25:53	3003.02	22.21	4.91	40.67	0.22	50.02	7.13	157.10
Last 5	10:30:53	3303.02	22.38	4.91	40.15	0.15	50.02	7.14	157.61
Variance 0			0.23	0.01	0.39			-0.02	-0.39
Variance 1			-0.26	-0.00	-0.13			-0.01	0.29
Variance 2			0.17	-0.00	-0.53			0.02	0.51

Notes

Sample time 1033. Dup-03 fake time 0933. Partly cloudy skies 79.

Grab Samples

Product Name: Low-Flow System

Date: 2020-04-18 12:10:23

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	65 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	58 ft

Well Information:		Pumping Information:	
Well ID	MW-308	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5101225 L
Well Total Depth	63 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.36 in
Depth to Water	34.66 ft	Total Volume Pumped	20 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	11:47:27	1800.04	23.36	6.95	437.58	0.90	34.69	2.22	133.69
Last 5	11:52:27	2100.04	23.34	6.96	438.11	0.65	34.69	2.20	125.60
Last 5	11:57:27	2400.04	23.36	6.96	438.53	0.68	34.69	2.19	119.09
Last 5	12:02:27	2700.04	23.35	6.97	439.39	0.65	34.69	2.20	113.07
Last 5	12:07:27	3000.04	23.38	6.97	435.97	0.71	34.69	2.18	109.81
Variance 0			0.02	0.00	0.42			-0.01	-6.50
Variance 1			-0.01	0.01	0.86			0.01	-6.02
Variance 2			0.04	0.01	-3.41			-0.02	-3.26

Notes

Sample time @ 1210. Sunny 75. FB-03@ 1205.

Grab Samples

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-186893-1
Laboratory Sample Delivery Group: Background
Client Project/Site: CCR Plant Crist
Revision: 1

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne Whitmire

Authorized for release by:
7/27/2020 2:06:35 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-186893-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-186893-1

Metals
Method 6020: The continuing calibration verification (CCV) associated with batch 400-486628 recovered above the upper control limit for Boron. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: EB-01 (400-186893-8).

Method 6020: The method blank for preparation batch 400-486339 and analytical batch 400-486782 contained Arsenic above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-486569 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The method blank for analytical batch 400-486995 contained <fluoride> above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method SM 4500 Cl- E: The following sample was diluted to bring the concentration of target analytes within the calibration range: (400-186843-G-1). Elevated reporting limits (RLs) are provided.

Method SM 4500 Cl- E: Due to the concentration of chlorides in the parent sample the MS/MSD was diluted after the spike. The spike amount was adjusted by the dilution factor. (400-186843-G-1), (400-186843-G-1 MS) and (400-186843-G-1 MSD)

Method SM 4500 Cl- E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-486873 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Report revised to add LCS for the Sulfate batch 486794.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-100 — Lab Sample ID: 400-186893-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.020		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Beryllium	0.000054	I	0.00050	0.000034	mg/L	1		6020	Total Recoverable
Boron	0.020		0.010	0.0036	mg/L	1		6020	Total Recoverable
Calcium	0.84		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00058		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.000066	I	0.00025	0.000058	mg/L	1		6020	Total Recoverable
Lithium	0.00060	I	0.0010	0.00038	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	28		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.03				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 400-186893-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0099		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Beryllium	0.000043	I	0.00050	0.000034	mg/L	1		6020	Total Recoverable
Boron	0.013		0.010	0.0036	mg/L	1		6020	Total Recoverable
Calcium	0.38		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00035	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	44		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.8		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.17				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 400-186893-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Beryllium	0.000061	I	0.00050	0.000034	mg/L	1		6020	Total Recoverable
Boron	0.013		0.010	0.0036	mg/L	1		6020	Total Recoverable
Calcium	0.36		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00043	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.00063	I	0.0010	0.00038	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	18		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.15				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-108 — Lab Sample ID: 400-186893-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.017		0.010	0.0036	mg/L	1		6020	Total Recoverable
Calcium	1.3		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00021	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Selenium	0.00040		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	8.0		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.6		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	1.7	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.96				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-306 — Lab Sample ID: 400-186893-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.014		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.0075	I	0.010	0.0036	mg/L	1		6020	Total Recoverable
Calcium	0.53		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00029	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	6.0		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.13				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-307 — Lab Sample ID: 400-186893-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.0055	I	0.010	0.0036	mg/L	1		6020	Total Recoverable
Calcium	0.59		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00053		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.00016	I	0.00025	0.000058	mg/L	1		6020	Total Recoverable
Lithium	0.00091	I	0.0010	0.00038	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	8.0		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.9		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.58				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 400-186893-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00018	I	0.00025	0.000078	mg/L	1		6020	Total Recoverable
Barium	0.020		0.00050	0.00014	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-01 (Continued)

Lab Sample ID: 400-186893-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.000052	I	0.00050	0.000034	mg/L	1		6020	Total Recoverable
Boron	0.011		0.010	0.0036	mg/L	1		6020	Total Recoverable
Calcium	0.82		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00060		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.000078	I	0.00025	0.000058	mg/L	1		6020	Total Recoverable
Lithium	0.00060	I	0.0010	0.00038	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	24		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.03				SU	1		Field Sampling	Total/NA

Client Sample ID: EB-01

Lab Sample ID: 400-186893-8

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
SM 4500 Cl- E	Chloride, Total	SM	TAL PEN
SM 4500 F C	Fluoride	SM	TAL PEN
SM 4500 SO4 E	Sulfate, Total	SM	TAL PEN
Field Sampling	Field Sampling	EPA	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-186893-1	MW-100	Water	04/16/20 11:35	04/17/20 08:00	
400-186893-2	MW-101	Water	04/16/20 16:40	04/17/20 08:00	
400-186893-3	MW-107	Water	04/16/20 10:30	04/17/20 08:00	
400-186893-4	MW-108	Water	04/16/20 08:50	04/17/20 08:00	
400-186893-5	MW-306	Water	04/16/20 15:40	04/17/20 08:00	
400-186893-6	MW-307	Water	04/16/20 13:45	04/17/20 08:00	
400-186893-7	DUP-01	Water	04/16/20 10:35	04/17/20 08:00	
400-186893-8	EB-01	Water	04/16/20 16:10	04/17/20 08:00	

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-100
Date Collected: 04/16/20 11:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-1
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 16:39	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/18/20 11:12	04/22/20 14:35	1
Barium	**0.020**		0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 16:39	1
Beryllium	**0.000054**	**I**	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 16:39	1
Boron	**0.020**		0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 14:35	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 16:39	1
Calcium	**0.84**		0.050	0.025	mg/L		04/18/20 11:12	04/21/20 16:39	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 16:39	1
Cobalt	**0.00058**		0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 16:39	1
Lead	**0.000066**	**I**	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 16:39	1
Lithium	**0.00060**	**I**	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 16:39	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 16:39	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 16:39	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 16:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:09	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**28**		5.0	5.0	mg/L			04/21/20 14:11	1
Chloride	**6.1**		2.0	1.4	mg/L			04/27/20 10:12	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 21:27	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/22/20 17:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.03**				SU			04/16/20 11:35	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-101
Date Collected: 04/16/20 16:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-2
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 16:43	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/18/20 11:12	04/22/20 14:38	1
Barium	**0.0099**		0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 16:43	1
Beryllium	**0.000043**	**I**	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 16:43	1
Boron	**0.013**		0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 14:38	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 16:43	1
Calcium	**0.38**		0.050	0.025	mg/L		04/18/20 11:12	04/21/20 16:43	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 16:43	1
Cobalt	**0.00035**	**I**	0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 16:43	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 16:43	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 16:43	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 16:43	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 16:43	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 16:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:11	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**44**		5.0	5.0	mg/L			04/21/20 14:11	1
Chloride	**5.8**		2.0	1.4	mg/L			04/27/20 10:12	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 21:40	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/22/20 17:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.17**				SU			04/16/20 16:40	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-107
Date Collected: 04/16/20 10:30
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-3
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 16:52	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/18/20 11:12	04/21/20 16:52	1
Barium	**0.012**		0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 16:52	1
Beryllium	**0.000061**	**I**	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 16:52	1
Boron	**0.013**		0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 14:41	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 16:52	1
Calcium	**0.36**		0.050	0.025	mg/L		04/18/20 11:12	04/21/20 16:52	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 16:52	1
Cobalt	**0.00043**	**I**	0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 16:52	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 16:52	1
Lithium	**0.00063**	**I**	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 16:52	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 16:52	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 16:52	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 16:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:13	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**18**		5.0	5.0	mg/L			04/21/20 13:49	1
Chloride	**5.3**		2.0	1.4	mg/L			04/23/20 17:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 21:42	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 12:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.15**				SU			04/16/20 10:30	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-108
Date Collected: 04/16/20 08:50
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-4
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 16:56	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/18/20 11:12	04/21/20 16:56	1
Barium	**0.012**		0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 16:56	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 16:56	1
Boron	**0.017**		0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 14:44	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 16:56	1
Calcium	**1.3**		0.050	0.025	mg/L		04/18/20 11:12	04/21/20 16:56	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 16:56	1
Cobalt	**0.00021**	**I**	0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 16:56	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 16:56	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 16:56	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 16:56	1
Selenium	**0.00040**		0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 16:56	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 16:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:15	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**8.0**		5.0	5.0	mg/L			04/21/20 14:11	1
Chloride	**5.6**		2.0	1.4	mg/L			04/23/20 17:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 21:47	1
Sulfate	**1.7**	**I**	5.0	1.4	mg/L			04/23/20 12:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.96**				SU			04/16/20 08:50	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-306

Date Collected: 04/16/20 15:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-5

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 16:59	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/18/20 11:12	04/21/20 16:59	1
Barium	**0.014**		0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 16:59	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 16:59	1
Boron	**0.0075**	**I**	0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 14:48	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 16:59	1
Calcium	**0.53**		0.050	0.025	mg/L		04/18/20 11:12	04/21/20 16:59	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 16:59	1
Cobalt	**0.00029**	**I**	0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 16:59	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 16:59	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 16:59	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 16:59	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 16:59	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 16:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:17	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**6.0**		5.0	5.0	mg/L			04/21/20 14:11	1
Chloride	**6.2**		2.0	1.4	mg/L			04/23/20 17:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 21:49	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 12:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.13**				SU			04/16/20 15:40	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-307

Date Collected: 04/16/20 13:45
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-6

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 17:02	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/18/20 11:12	04/21/20 17:02	1
Barium	**0.017**		0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 17:02	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 17:02	1
Boron	**0.0055**	**I**	0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 14:51	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 17:02	1
Calcium	**0.59**		0.050	0.025	mg/L		04/18/20 11:12	04/21/20 17:02	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 17:02	1
Cobalt	**0.00053**		0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 17:02	1
Lead	**0.00016**	**I**	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 17:02	1
Lithium	**0.00091**	**I**	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 17:02	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 17:02	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 17:02	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 17:02	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:19	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**8.0**		5.0	5.0	mg/L			04/21/20 14:11	1
Chloride	**4.9**		2.0	1.4	mg/L			04/23/20 17:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 21:53	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 12:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.58**				SU			04/16/20 13:45	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: DUP-01
Date Collected: 04/16/20 10:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-7
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 17:06	1
Arsenic	**0.00018**	**I**	0.00025	0.000078	mg/L		04/18/20 11:12	04/21/20 17:06	1
Barium	**0.020**		0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 17:06	1
Beryllium	**0.000052**	**I**	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 17:06	1
Boron	**0.011**		0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 15:01	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 17:06	1
Calcium	**0.82**		0.050	0.025	mg/L		04/18/20 11:12	04/21/20 17:06	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 17:06	1
Cobalt	**0.00060**		0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 17:06	1
Lead	**0.000078**	**I**	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 17:06	1
Lithium	**0.00060**	**I**	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 17:06	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 17:06	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 17:06	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 17:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:21	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**24**		5.0	5.0	mg/L			04/21/20 14:11	1
Chloride	**6.3**		2.0	1.4	mg/L			04/23/20 17:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 21:57	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 12:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.03**				SU			04/16/20 10:35	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: EB-01

Date Collected: 04/16/20 16:10
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-8

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 17:09	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/18/20 11:12	04/21/20 17:09	1
Barium	0.00014	U	0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 17:09	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 17:09	1
Boron	0.0036	U	0.010	0.0036	mg/L		04/18/20 11:12	04/21/20 17:09	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 17:09	1
Calcium	0.025	U	0.050	0.025	mg/L		04/18/20 11:12	04/21/20 17:09	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 17:09	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 17:09	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 17:09	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 17:09	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 17:09	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 17:09	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 17:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 15:28	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			04/21/20 14:11	1
Chloride	1.4	U	2.0	1.4	mg/L			04/23/20 17:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/22/20 22:01	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 12:43	1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample ID: MW-100
Date Collected: 04/16/20 11:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 16:39	AW	TAL PEN
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486782	04/22/20 14:35	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:09	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486569	04/21/20 14:11	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	487120	04/27/20 10:12	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 21:27	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486794	04/22/20 17:41	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/16/20 11:35	MCS	TAL PEN

Client Sample ID: MW-101
Date Collected: 04/16/20 16:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 16:43	AW	TAL PEN
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486782	04/22/20 14:38	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:11	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486569	04/21/20 14:11	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	487120	04/27/20 10:12	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 21:40	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486794	04/22/20 17:41	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/16/20 16:40	MCS	TAL PEN

Client Sample ID: MW-107
Date Collected: 04/16/20 10:30
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 16:52	AW	TAL PEN
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486782	04/22/20 14:41	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:13	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486565	04/21/20 13:49	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	486873	04/23/20 17:34	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 21:42	MAF	TAL PEN

Client Sample ID: MW-107
Date Collected: 04/16/20 10:30
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		1	486829	04/23/20 12:43	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/16/20 10:30	MCS	TAL PEN

Client Sample ID: MW-108
Date Collected: 04/16/20 08:50
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 16:56	AW	TAL PEN
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486782	04/22/20 14:44	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:15	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486569	04/21/20 14:11	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	486873	04/23/20 17:34	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 21:47	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486829	04/23/20 12:43	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/16/20 08:50	MCS	TAL PEN

Client Sample ID: MW-306
Date Collected: 04/16/20 15:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 16:59	AW	TAL PEN
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486782	04/22/20 14:48	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:17	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486569	04/21/20 14:11	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	486873	04/23/20 17:34	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 21:49	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486829	04/23/20 12:43	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/16/20 15:40	MCS	TAL PEN

Client Sample ID: MW-307
Date Collected: 04/16/20 13:45
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 17:02	AW	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Client Sample ID: MW-307
Date Collected: 04/16/20 13:45
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486782	04/22/20 14:51	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:19	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486569	04/21/20 14:11	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	486873	04/23/20 17:34	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 21:53	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486829	04/23/20 12:43	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/16/20 13:45	MCS	TAL PEN

Client Sample ID: DUP-01
Date Collected: 04/16/20 10:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 17:06	AW	TAL PEN
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486782	04/22/20 15:01	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:21	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486569	04/21/20 14:11	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	486873	04/23/20 17:34	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 21:57	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486829	04/23/20 12:43	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/16/20 10:35	MCS	TAL PEN

Client Sample ID: EB-01
Date Collected: 04/16/20 16:10
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			486339	04/18/20 11:12	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486628	04/21/20 17:09	AW	TAL PEN
Total/NA	Prep	7470A			486650	04/27/20 08:28	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487189	04/27/20 15:28	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486569	04/21/20 14:11	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	486873	04/23/20 17:34	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	486995	04/22/20 22:01	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486829	04/23/20 12:43	HES	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Prep Batch: 486339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total Recoverable	Water	3005A	
400-186893-2	MW-101	Total Recoverable	Water	3005A	
400-186893-3	MW-107	Total Recoverable	Water	3005A	
400-186893-4	MW-108	Total Recoverable	Water	3005A	
400-186893-5	MW-306	Total Recoverable	Water	3005A	
400-186893-6	MW-307	Total Recoverable	Water	3005A	
400-186893-7	DUP-01	Total Recoverable	Water	3005A	
400-186893-8	EB-01	Total Recoverable	Water	3005A	
MB 400-486339/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 400-486339/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-186859-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-186859-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Filtration Batch: 486544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-486544/1-C	Method Blank	Total/NA	Water	FILTRATION	
LCS 400-486544/2-C	Lab Control Sample	Total/NA	Water	FILTRATION	
400-186956-F-50-F MS	Matrix Spike	Dissolved	Water	FILTRATION	
400-186956-F-50-G MSD	Matrix Spike Duplicate	Dissolved	Water	FILTRATION	

Analysis Batch: 486628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total Recoverable	Water	6020	486339
400-186893-2	MW-101	Total Recoverable	Water	6020	486339
400-186893-3	MW-107	Total Recoverable	Water	6020	486339
400-186893-4	MW-108	Total Recoverable	Water	6020	486339
400-186893-5	MW-306	Total Recoverable	Water	6020	486339
400-186893-6	MW-307	Total Recoverable	Water	6020	486339
400-186893-7	DUP-01	Total Recoverable	Water	6020	486339
400-186893-8	EB-01	Total Recoverable	Water	6020	486339
MB 400-486339/1-A	Method Blank	Total Recoverable	Water	6020	486339
LCS 400-486339/2-A	Lab Control Sample	Total Recoverable	Water	6020	486339
400-186859-E-1-B MS	Matrix Spike	Total Recoverable	Water	6020	486339
400-186859-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020	486339

Prep Batch: 486650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	7470A	
400-186893-2	MW-101	Total/NA	Water	7470A	
400-186893-3	MW-107	Total/NA	Water	7470A	
400-186893-4	MW-108	Total/NA	Water	7470A	
400-186893-5	MW-306	Total/NA	Water	7470A	
400-186893-6	MW-307	Total/NA	Water	7470A	
400-186893-7	DUP-01	Total/NA	Water	7470A	
400-186893-8	EB-01	Total/NA	Water	7470A	
MB 400-486544/1-C	Method Blank	Total/NA	Water	7470A	486544
LCS 400-486544/2-C	Lab Control Sample	Total/NA	Water	7470A	486544
400-186956-F-50-F MS	Matrix Spike	Dissolved	Water	7470A	486544
400-186956-F-50-G MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	486544

Metals

Analysis Batch: 486782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total Recoverable	Water	6020	486339
400-186893-2	MW-101	Total Recoverable	Water	6020	486339
400-186893-3	MW-107	Total Recoverable	Water	6020	486339
400-186893-4	MW-108	Total Recoverable	Water	6020	486339
400-186893-5	MW-306	Total Recoverable	Water	6020	486339
400-186893-6	MW-307	Total Recoverable	Water	6020	486339
400-186893-7	DUP-01	Total Recoverable	Water	6020	486339
MB 400-486339/1-A	Method Blank	Total Recoverable	Water	6020	486339
400-186859-E-1-B MS	Matrix Spike	Total Recoverable	Water	6020	486339
400-186859-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020	486339

Analysis Batch: 487189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	7470A	486650
400-186893-2	MW-101	Total/NA	Water	7470A	486650
400-186893-3	MW-107	Total/NA	Water	7470A	486650
400-186893-4	MW-108	Total/NA	Water	7470A	486650
400-186893-5	MW-306	Total/NA	Water	7470A	486650
400-186893-6	MW-307	Total/NA	Water	7470A	486650
400-186893-7	DUP-01	Total/NA	Water	7470A	486650
400-186893-8	EB-01	Total/NA	Water	7470A	486650
MB 400-486544/1-C	Method Blank	Total/NA	Water	7470A	486650
LCS 400-486544/2-C	Lab Control Sample	Total/NA	Water	7470A	486650
400-186956-F-50-F MS	Matrix Spike	Dissolved	Water	7470A	486650
400-186956-F-50-G MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	486650

General Chemistry

Analysis Batch: 486565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-3	MW-107	Total/NA	Water	SM 2540C	
MB 400-486565/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-486565/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-186855-C-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 486569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	SM 2540C	
400-186893-2	MW-101	Total/NA	Water	SM 2540C	
400-186893-4	MW-108	Total/NA	Water	SM 2540C	
400-186893-5	MW-306	Total/NA	Water	SM 2540C	
400-186893-6	MW-307	Total/NA	Water	SM 2540C	
400-186893-7	DUP-01	Total/NA	Water	SM 2540C	
400-186893-8	EB-01	Total/NA	Water	SM 2540C	
MB 400-486569/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-486569/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-186906-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	
400-186906-A-7 DU	Duplicate	Total/NA	Water	SM 2540C	

General Chemistry

Analysis Batch: 486794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	SM 4500 SO4 E	
400-186893-2	MW-101	Total/NA	Water	SM 4500 SO4 E	
MB 400-486794/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-486794/4	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-486794/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-186822-E-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-186822-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	
400-186831-A-3 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-186831-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 486829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-3	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-186893-4	MW-108	Total/NA	Water	SM 4500 SO4 E	
400-186893-5	MW-306	Total/NA	Water	SM 4500 SO4 E	
400-186893-6	MW-307	Total/NA	Water	SM 4500 SO4 E	
400-186893-7	DUP-01	Total/NA	Water	SM 4500 SO4 E	
400-186893-8	EB-01	Total/NA	Water	SM 4500 SO4 E	
MB 400-486829/29	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-486829/24	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 400-486829/30	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-486829/15	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-186893-3 MS	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-186893-3 MSD	MW-107	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 486873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-3	MW-107	Total/NA	Water	SM 4500 Cl- E	
400-186893-4	MW-108	Total/NA	Water	SM 4500 Cl- E	
400-186893-5	MW-306	Total/NA	Water	SM 4500 Cl- E	
400-186893-6	MW-307	Total/NA	Water	SM 4500 Cl- E	
400-186893-7	DUP-01	Total/NA	Water	SM 4500 Cl- E	
400-186893-8	EB-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-486873/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-486873/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-486873/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-186843-G-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-186843-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 486995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	SM 4500 F C	
400-186893-2	MW-101	Total/NA	Water	SM 4500 F C	
400-186893-3	MW-107	Total/NA	Water	SM 4500 F C	
400-186893-4	MW-108	Total/NA	Water	SM 4500 F C	
400-186893-5	MW-306	Total/NA	Water	SM 4500 F C	
400-186893-6	MW-307	Total/NA	Water	SM 4500 F C	
400-186893-7	DUP-01	Total/NA	Water	SM 4500 F C	
400-186893-8	EB-01	Total/NA	Water	SM 4500 F C	
MB 400-486995/4	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-486995/2	Lab Control Sample	Total/NA	Water	SM 4500 F C	

General Chemistry (Continued)

Analysis Batch: 486995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186831-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-186831-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-186893-1 MS	MW-100	Total/NA	Water	SM 4500 F C	
400-186893-1 MSD	MW-100	Total/NA	Water	SM 4500 F C	

Analysis Batch: 487120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-186893-2	MW-101	Total/NA	Water	SM 4500 Cl- E	
MB 400-487120/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-487120/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-487120/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-186893-1 MS	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-186893-1 MSD	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-186948-A-10 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-186948-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 488336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	Field Sampling	
400-186893-2	MW-101	Total/NA	Water	Field Sampling	
400-186893-3	MW-107	Total/NA	Water	Field Sampling	
400-186893-4	MW-108	Total/NA	Water	Field Sampling	
400-186893-5	MW-306	Total/NA	Water	Field Sampling	
400-186893-6	MW-307	Total/NA	Water	Field Sampling	
400-186893-7	DUP-01	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-486339/1-A
Matrix: Water
Analysis Batch: 486628

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/18/20 11:12	04/21/20 12:27	1
Barium	0.00014	U	0.00050	0.00014	mg/L		04/18/20 11:12	04/21/20 12:27	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/18/20 11:12	04/21/20 12:27	1
Boron	0.0036	U	0.010	0.0036	mg/L		04/18/20 11:12	04/21/20 12:27	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/18/20 11:12	04/21/20 12:27	1
Calcium	0.025	U	0.050	0.025	mg/L		04/18/20 11:12	04/21/20 12:27	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/18/20 11:12	04/21/20 12:27	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/18/20 11:12	04/21/20 12:27	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/18/20 11:12	04/21/20 12:27	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/18/20 11:12	04/21/20 12:27	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/18/20 11:12	04/21/20 12:27	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/18/20 11:12	04/21/20 12:27	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/18/20 11:12	04/21/20 12:27	1

Lab Sample ID: MB 400-486339/1-A
Matrix: Water
Analysis Batch: 486782

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000177	I	0.00025	0.000078	mg/L		04/18/20 11:12	04/22/20 14:21	1
Boron	0.0036	U	0.010	0.0036	mg/L		04/18/20 11:12	04/22/20 14:21	1

Lab Sample ID: LCS 400-486339/2-A
Matrix: Water
Analysis Batch: 486628

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0543		mg/L		109	80 - 120
Arsenic	0.0500	0.0516		mg/L		103	80 - 120
Barium	0.0500	0.0501		mg/L		100	80 - 120
Beryllium	0.0500	0.0513		mg/L		103	80 - 120
Boron	0.100	0.102		mg/L		102	80 - 120
Cadmium	0.0500	0.0510		mg/L		102	80 - 120
Calcium	5.00	4.92		mg/L		98	80 - 120
Chromium	0.0500	0.0516		mg/L		103	80 - 120
Cobalt	0.0500	0.0515		mg/L		103	80 - 120
Lead	0.0500	0.0507		mg/L		101	80 - 120
Lithium	0.0500	0.0506		mg/L		101	80 - 120
Molybdenum	0.0500	0.0513		mg/L		103	80 - 120
Selenium	0.0500	0.0499		mg/L		100	80 - 120
Thallium	0.0100	0.0103		mg/L		103	80 - 120

Lab Sample ID: 400-186859-E-1-B MS
Matrix: Water
Analysis Batch: 486628

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.00030	U	0.0500	0.0547		mg/L		109	75 - 125
Arsenic	0.00030		0.0500	0.0522		mg/L		104	75 - 125

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-186859-E-1-B MS
Matrix: Water
Analysis Batch: 486628

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.022		0.0500	0.0721		mg/L		100	75 - 125
Beryllium	0.000034	U	0.0500	0.0523		mg/L		105	75 - 125
Cadmium	0.000056	U	0.0500	0.0509		mg/L		102	75 - 125
Chromium	0.00047	I	0.0500	0.0515		mg/L		102	75 - 125
Cobalt	0.00032	I	0.0500	0.0505		mg/L		100	75 - 125
Lead	0.00025		0.0500	0.0505		mg/L		101	75 - 125
Lithium	0.00085	I	0.0500	0.0522		mg/L		103	75 - 125
Molybdenum	0.00090	U	0.0500	0.0520		mg/L		104	75 - 125
Thallium	0.000024	U	0.0100	0.0102		mg/L		102	75 - 125

Lab Sample ID: 400-186859-E-1-B MS
Matrix: Water
Analysis Batch: 486782

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.00047	V	0.0500	0.0497		mg/L		98	75 - 125
Boron	0.18		0.100	0.280		mg/L		98	75 - 125

Lab Sample ID: 400-186859-E-1-C MSD
Matrix: Water
Analysis Batch: 486628

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.00030	U	0.0500	0.0550		mg/L		110	75 - 125	0	20
Arsenic	0.00030		0.0500	0.0521		mg/L		104	75 - 125	0	20
Barium	0.022		0.0500	0.0729		mg/L		102	75 - 125	1	20
Beryllium	0.000034	U	0.0500	0.0518		mg/L		104	75 - 125	1	20
Cadmium	0.000056	U	0.0500	0.0520		mg/L		104	75 - 125	2	20
Chromium	0.00047	I	0.0500	0.0514		mg/L		102	75 - 125	0	20
Cobalt	0.00032	I	0.0500	0.0505		mg/L		100	75 - 125	0	20
Lead	0.00025		0.0500	0.0517		mg/L		103	75 - 125	2	20
Lithium	0.00085	I	0.0500	0.0518		mg/L		102	75 - 125	1	20
Molybdenum	0.00090	U	0.0500	0.0514		mg/L		103	75 - 125	1	20
Thallium	0.000024	U	0.0100	0.0103		mg/L		103	75 - 125	1	20

Lab Sample ID: 400-186859-E-1-C MSD
Matrix: Water
Analysis Batch: 486782

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 486339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.00047	V	0.0500	0.0518		mg/L		103	75 - 125	4	20
Boron	0.18		0.100	0.284		mg/L		101	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-486544/1-C
Matrix: Water
Analysis Batch: 487189

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 486650

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/27/20 08:28	04/27/20 14:45	1

Lab Sample ID: LCS 400-486544/2-C
Matrix: Water
Analysis Batch: 487189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 486650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00102		mg/L		101	80 - 120

Lab Sample ID: 400-186956-F-50-F MS
Matrix: Water
Analysis Batch: 487189

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 486650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00198		mg/L		98	80 - 120

Lab Sample ID: 400-186956-F-50-G MSD
Matrix: Water
Analysis Batch: 487189

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 486650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	U	0.00201	0.00201		mg/L		100	80 - 120	2	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-486565/1
Matrix: Water
Analysis Batch: 486565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			04/21/20 13:49	1

Lab Sample ID: LCS 400-486565/2
Matrix: Water
Analysis Batch: 486565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	336		mg/L		115	78 - 122

Lab Sample ID: 400-186855-C-2 DU
Matrix: Water
Analysis Batch: 486565

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	310		324		mg/L		4	5

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 400-486569/1
Matrix: Water
Analysis Batch: 486569

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			04/21/20 14:11	1

Lab Sample ID: LCS 400-486569/2
Matrix: Water
Analysis Batch: 486569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	324		mg/L		111	78 - 122

Lab Sample ID: 400-186906-A-1 DU
Matrix: Water
Analysis Batch: 486569

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	150		148		mg/L		3	5

Lab Sample ID: 400-186906-A-7 DU
Matrix: Water
Analysis Batch: 486569

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	170		90.0	J3	mg/L		63	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-486873/6
Matrix: Water
Analysis Batch: 486873

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			04/23/20 17:24	1

Lab Sample ID: LCS 400-486873/7
Matrix: Water
Analysis Batch: 486873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.0	31.5		mg/L		105	90 - 110

Lab Sample ID: MRL 400-486873/3
Matrix: Water
Analysis Batch: 486873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	2.05		mg/L		102	50 - 150

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: 400-186843-G-1 MS
Matrix: Water
Analysis Batch: 486873

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	760		9.90	747	J3	mg/L		-143	73 - 120

Lab Sample ID: 400-186843-G-1 MSD
Matrix: Water
Analysis Batch: 486873

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	760		9.90	756	J3	mg/L		-50	73 - 120	1	8

Lab Sample ID: MB 400-487120/6
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			04/27/20 10:12	1

Lab Sample ID: LCS 400-487120/7
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.0	29.8		mg/L		99	90 - 110

Lab Sample ID: MRL 400-487120/3
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	2.10		mg/L		105	50 - 150

Lab Sample ID: 400-186893-1 MS
Matrix: Water
Analysis Batch: 487120

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.1		10.0	18.1		mg/L		119	73 - 120

Lab Sample ID: 400-186893-1 MSD
Matrix: Water
Analysis Batch: 487120

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.1		10.0	17.2		mg/L		111	73 - 120	5	8

Lab Sample ID: 400-186948-A-10 MS
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	15		10.0	24.5		mg/L		91	73 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: 400-186948-A-10 MSD
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	15		10.0	24.2		mg/L		88	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-486995/4
Matrix: Water
Analysis Batch: 486995

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0500	I	0.10	0.032	mg/L			04/22/20 21:09	1

Lab Sample ID: LCS 400-486995/2
Matrix: Water
Analysis Batch: 486995

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride			4.00	3.66		mg/L		92	90 - 110		

Lab Sample ID: 400-186831-A-1 MS
Matrix: Water
Analysis Batch: 486995

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	0.080	I V	1.00	0.950		mg/L		87	75 - 125		

Lab Sample ID: 400-186831-A-1 MSD
Matrix: Water
Analysis Batch: 486995

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.080	I V	1.00	0.970		mg/L		89	75 - 125	2	4

Lab Sample ID: 400-186893-1 MS
Matrix: Water
Analysis Batch: 486995

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	0.032	U	1.00	0.970		mg/L		97	75 - 125		

Lab Sample ID: 400-186893-1 MSD
Matrix: Water
Analysis Batch: 486995

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.032	U	1.00	0.970		mg/L		97	75 - 125	0	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-486794/6
Matrix: Water
Analysis Batch: 486794

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			04/22/20 17:28	1

Lab Sample ID: LCS 400-486794/4
Matrix: Water
Analysis Batch: 486794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	15.0	14.3		mg/L		96	90 - 110

Lab Sample ID: MRL 400-486794/3
Matrix: Water
Analysis Batch: 486794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	5.00	2.56	I	mg/L		51	50 - 150

Lab Sample ID: 400-186822-E-1 MS
Matrix: Water
Analysis Batch: 486794

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1.4	U	10.0	11.7		mg/L		117	77 - 128

Lab Sample ID: 400-186822-E-1 MSD
Matrix: Water
Analysis Batch: 486794

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	11.1		mg/L		111	77 - 128	5	5

Lab Sample ID: 400-186831-A-3 MS
Matrix: Water
Analysis Batch: 486794

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1.4	U	10.0	8.09		mg/L		81	77 - 128

Lab Sample ID: 400-186831-A-3 MSD
Matrix: Water
Analysis Batch: 486794

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	7.97		mg/L		80	77 - 128	2	5

Lab Sample ID: MB 400-486829/29
Matrix: Water
Analysis Batch: 486829

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 12:51	1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: LCS 400-486829/24
Matrix: Water
Analysis Batch: 486829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	15.0	14.5		mg/L		97	90 - 110

Lab Sample ID: LCS 400-486829/30
Matrix: Water
Analysis Batch: 486829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	15.0	14.5		mg/L		97	90 - 110
Sulfate	15.0	14.5		mg/L		97	90 - 110

Lab Sample ID: MRL 400-486829/15
Matrix: Water
Analysis Batch: 486829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	5.00	4.61	I	mg/L		92	50 - 150

Lab Sample ID: 400-186893-3 MS
Matrix: Water
Analysis Batch: 486829

Client Sample ID: MW-107
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1.4	U	10.0	9.08		mg/L		91	77 - 128
Sulfate	1.4	U	10.0	9.08		mg/L		91	77 - 128

Lab Sample ID: 400-186893-3 MSD
Matrix: Water
Analysis Batch: 486829

Client Sample ID: MW-107
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	9.19		mg/L		92	77 - 128	1	5
Sulfate	1.4	U	10.0	9.19		mg/L		92	77 - 128	1	5

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-93949-23627.1
Client Contact: Mr. Mike Markey	Phone: 850-336-0192	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:

Address: BIN 731 One Energy Place	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Pensacola	TAT Requested (days):		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: FL, 32520			
Phone: 850-444-6573(Tel)	PO #: Purchase Order not required		Other:
Email: richard.markey@nexteraenergy.com	WO #:		
Project Name: CCR Plant Crist Background A	Project #: 40005424		
Site:	SSOW#:		

400-186893 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-100	4/16/20	1135	G	Water			X	X		X	X	X		
MW-101		1640		Water										
MW-107		1030		Water										
MW-108		0850		Water										
MW-306		1540		Water										
MW-307		1345		Water										
DUP-01		1035		Water										
EB-01	4/16/20	1610	G	Water			X	X		X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4/17/20 0730	RPH		4/17/20 0730	RPH
2		4/17/20 0800	RPH	Kathy R Queen	4-17-20 800	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.4, 5.7°C IRS

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-186893-1
SDG Number: Background

Login Number: 186893
List Number: 1
Creator: Hinrichsen, Megan E

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4°C, 5.7°C IR-9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-1
SDG: Background

Laboratory: Eurofins TestAmerica, Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	07-01-20
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-13-21
Arkansas DEQ	State	88-0689	09-01-20
California	State	2510	06-30-20
Florida	NELAP	E81010	06-30-20
Georgia	State	E81010(FL)	06-30-20
Illinois	NELAP	004586	10-09-20
Iowa	State	367	08-01-20
Kansas	NELAP	E-10253	08-16-20
Kentucky (UST)	State	53	06-30-20
Kentucky (WW)	State	KY98030	12-31-20
Louisiana	NELAP	30976	06-30-20
Louisiana (DW)	State	LA017	12-31-20
Maryland	State	233	09-30-20
Massachusetts	State	M-FL094	06-30-20
Michigan	State	9912	05-06-20
Minnesota	NELAP	012-999-481	12-31-20
New Jersey	NELAP	FL006	06-30-20
New York	NELAP	12115	04-01-21
North Carolina (WW/SW)	State	314	12-31-20
Oklahoma	State	9810-186	08-31-20
Pennsylvania	NELAP	68-00467	01-31-21
Rhode Island	State	LAO00307	12-30-20
South Carolina	State	96026002	06-30-20
Tennessee	State	TN02907	06-30-20
Texas	NELAP	T104704286	09-30-20
US Fish & Wildlife	US Federal Programs	058448	07-31-20
USDA	US Federal Programs	P330-18-00148	05-17-21
Virginia	NELAP	460166	06-14-20
Washington	State	C915	05-15-20
West Virginia DEP	State	136	06-30-20

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-186893-2
Laboratory Sample Delivery Group: Background
Client Project/Site: CCR Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Mr. Mike Markey

Cheyenne R Whitmire

Authorized for release by:
5/27/2020 8:12:54 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
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LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-186893-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-186893-2

RAD

Methods 9315: Radium-226 Prep Batch 160-468574. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-100 (400-186893-1), MW-101 (400-186893-2), MW-107 (400-186893-3), MW-108 (400-186893-4), MW-306 (400-186893-5), MW-307 (400-186893-6), DUP-01 (400-186893-7), EB-01 (400-186893-8), (LCS 160-468574/1-A), (LCSD 160-468574/2-A) and (MB 160-468574/20-A)

Methods 9320: Ra-228 Prep Batch 160-468579. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-100 (400-186893-1), MW-101 (400-186893-2), MW-107 (400-186893-3), MW-108 (400-186893-4), MW-306 (400-186893-5), MW-307 (400-186893-6), DUP-01 (400-186893-7), EB-01 (400-186893-8), (LCS 160-468579/1-A), (LCSD 160-468579/2-A) and (MB 160-468579/20-A)

Method PrecSep_0: Radium 228 Prep Batch 160-468579. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-100 (400-186893-1), MW-101 (400-186893-2), MW-107 (400-186893-3), MW-108 (400-186893-4), MW-306 (400-186893-5), MW-307 (400-186893-6), DUP-01 (400-186893-7) and EB-01 (400-186893-8). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 Prep Batch 160-468574. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-100 (400-186893-1), MW-101 (400-186893-2), MW-107 (400-186893-3), MW-108 (400-186893-4), MW-306 (400-186893-5), MW-307 (400-186893-6), DUP-01 (400-186893-7) and EB-01 (400-186893-8). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-2
SDG: Background

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	TAL SL
9320	Radium-228 (GFPC)	SW846	TAL SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	TAL SL
PrecSep_0	Preparation, Precipitate Separation	None	TAL SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	TAL SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

l ient G u f iP wor nm l op ayt S
wm o/nk GB e G: l l s wiyt G l nM G

Job ID: 400-186893-C
BDu : c ykgdm of t j

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-186893-1	W2 -100	2 yG am	04R16R00 11:35	04R17R00 08:00	
400-186893-C	W2 -101	2 yG am	04R16R00 16:40	04R17R00 08:00	
400-186893-3	W2 -107	2 yG am	04R16R00 10:30	04R17R00 08:00	
400-186893-4	W2 -108	2 yG am	04R16R00 08:50	04R17R00 08:00	
400-186893-5	W2 -306	2 yG am	04R16R00 15:40	04R17R00 08:00	
400-186893-6	W2 -307	2 yG am	04R16R00 13:45	04R17R00 08:00	
400-186893-7	DUw-01	2 yG am	04R16R00 10:35	04R17R00 08:00	
400-186893-8	Ec -01	2 yG am	04R16R00 16:10	04R17R00 08:00	

Client Sample ID: MW-100
Date Collected: 04/16/20 11:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-1
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.336		0.104	0.108	1.00	0.0881	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.9*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.635		0.273	0.279	1.00	0.392	pCi/L	04/22/20 07:45	05/04/20 18:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.9*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*
Y Carrier	*92.3*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.971		0.292	0.299	5.00	0.392	pCi/L		05/14/20 08:55	1

Client Sample ID: MW-101
Date Collected: 04/16/20 16:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-2
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.194**		0.0917	0.0933	1.00	0.108	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.303	U	0.233	0.235	1.00	0.368	pCi/L	04/22/20 07:45	05/04/20 18:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*
Y Carrier	*89.3*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.497**		0.250	0.253	5.00	0.368	pCi/L		05/14/20 08:55	1

Client Sample ID: MW-107
Date Collected: 04/16/20 10:30
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-3
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.286**		0.108	0.111	1.00	0.114	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.282	U	0.241	0.243	1.00	0.385	pCi/L	04/22/20 07:45	05/04/20 18:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*
Y Carrier	*89.0*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.568**		0.264	0.267	5.00	0.385	pCi/L		05/14/20 08:55	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-2
SDG: Background

Client Sample ID: MW-108
Date Collected: 04/16/20 08:50
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-4
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.277		0.105	0.108	1.00	0.107	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.07		0.342	0.356	1.00	0.452	pCi/L	04/22/20 07:45	05/04/20 18:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*
Y Carrier	*86.7*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.35		0.358	0.372	5.00	0.452	pCi/L		05/14/20 08:55	1

Client Sample ID: MW-306

Date Collected: 04/16/20 15:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-5

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.298**		0.108	0.111	1.00	0.118	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.290	U	0.223	0.225	1.00	0.350	pCi/L	04/22/20 07:45	05/04/20 18:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*
Y Carrier	*90.1*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.588**		0.248	0.251	5.00	0.350	pCi/L		05/14/20 08:55	1

Client Sample ID: MW-307
Date Collected: 04/16/20 13:45
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-6
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.141**		0.0883	0.0892	1.00	0.117	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.7*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.123	U	0.246	0.246	1.00	0.420	pCi/L	04/22/20 07:45	05/04/20 18:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.7*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*
Y Carrier	*91.2*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.264	U	0.261	0.262	5.00	0.420	pCi/L		05/14/20 08:55	1

Client Sample ID: DUP-01
Date Collected: 04/16/20 10:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-7
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.278		0.105	0.108	1.00	0.111	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.631		0.277	0.283	1.00	0.400	pCi/L	04/22/20 07:45	05/04/20 18:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*
Y Carrier	*90.1*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:20*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.909		0.296	0.303	5.00	0.400	pCi/L		05/14/20 08:55	1

Client Sample ID: EB-01
Date Collected: 04/16/20 16:10
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-8
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00668	U	0.0584	0.0584	1.00	0.121	pCi/L	04/22/20 07:02	05/14/20 04:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.2*		*40 - 110*	*04/22/20 07:02*	*05/14/20 04:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.412**		0.262	0.264	1.00	0.399	pCi/L	04/22/20 07:45	05/04/20 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.2*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:23*	*1*
Y Carrier	*81.1*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:23*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.405**		0.268	0.270	5.00	0.399	pCi/L		05/14/20 08:55	1

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-2
SDG: Background

Client Sample ID: MW-100
Date Collected: 04/16/20 11:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469502	05/04/20 18:20	AJD	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Client Sample ID: MW-101
Date Collected: 04/16/20 16:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469502	05/04/20 18:20	AJD	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Client Sample ID: MW-107
Date Collected: 04/16/20 10:30
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469502	05/04/20 18:20	AJD	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Client Sample ID: MW-108
Date Collected: 04/16/20 08:50
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469502	05/04/20 18:20	AJD	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-2
SDG: Background

Client Sample ID: MW-306
Date Collected: 04/16/20 15:40
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469502	05/04/20 18:20	AJD	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Client Sample ID: MW-307
Date Collected: 04/16/20 13:45
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469502	05/04/20 18:20	AJD	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Client Sample ID: DUP-01
Date Collected: 04/16/20 10:35
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469502	05/04/20 18:20	AJD	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Client Sample ID: EB-01
Date Collected: 04/16/20 16:10
Date Received: 04/17/20 08:00

Lab Sample ID: 400-186893-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 04:36	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469473	05/04/20 18:23	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Rad

Prep Batch: 468574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	PrecSep-21	
400-186893-2	MW-101	Total/NA	Water	PrecSep-21	
400-186893-3	MW-107	Total/NA	Water	PrecSep-21	
400-186893-4	MW-108	Total/NA	Water	PrecSep-21	
400-186893-5	MW-306	Total/NA	Water	PrecSep-21	
400-186893-6	MW-307	Total/NA	Water	PrecSep-21	
400-186893-7	DUP-01	Total/NA	Water	PrecSep-21	
400-186893-8	EB-01	Total/NA	Water	PrecSep-21	
MB 160-468574/20-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-468574/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-468574/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 468579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186893-1	MW-100	Total/NA	Water	PrecSep_0	
400-186893-2	MW-101	Total/NA	Water	PrecSep_0	
400-186893-3	MW-107	Total/NA	Water	PrecSep_0	
400-186893-4	MW-108	Total/NA	Water	PrecSep_0	
400-186893-5	MW-306	Total/NA	Water	PrecSep_0	
400-186893-6	MW-307	Total/NA	Water	PrecSep_0	
400-186893-7	DUP-01	Total/NA	Water	PrecSep_0	
400-186893-8	EB-01	Total/NA	Water	PrecSep_0	
MB 160-468579/20-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-468579/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-468579/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-468574/20-A
Matrix: Water
Analysis Batch: 470394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468574

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.05071	U	0.0548	0.0550	1.00	0.0868	pCi/L	04/22/20 07:02	05/14/20 06:21	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*40 - 110*	*04/22/20 07:02*	*05/14/20 06:21*	*1*

Lab Sample ID: LCS 160-468574/1-A
Matrix: Water
Analysis Batch: 470394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468574

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	9.307		0.977	1.00	0.100	pCi/L	82	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*98.5*		*40 - 110*

Lab Sample ID: LCSD 160-468574/2-A
Matrix: Water
Analysis Batch: 470394

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468574

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	8.881		0.939	1.00	0.101	pCi/L	78	75 - 125	0.22	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*99.7*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-468579/20-A
Matrix: Water
Analysis Batch: 469473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468579

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.02053	U	0.224	0.224	1.00	0.406	pCi/L	04/22/20 07:45	05/04/20 18:25	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:25*	*1*
Y Carrier	*84.9*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:25*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-468579/1-A
Matrix: Water
Analysis Batch: 469502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468579

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			8.87	7.401		0.899	1.00	0.363	pCi/L	83	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*98.5*		*40 - 110*
Y Carrier	*89.3*		*40 - 110*

Lab Sample ID: LCSD 160-468579/2-A
Matrix: Water
Analysis Batch: 469502

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468579

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			8.87	7.705		0.941	1.00	0.383	pCi/L	87	75 - 125	0.17	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*99.7*		*40 - 110*
Y Carrier	*83.7*		*40 - 110*

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

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Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-93949-23627.1
Client Contact: Mr. Mike Markey	Phone: 850-336-0192	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:

Address: BIN 731 One Energy Place	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Pensacola	TAT Requested (days):		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: FL, 32520			
Phone: 850-444-6573(Tel)	PO #: Purchase Order not required		Other:
Email: richard.markey@nexteraenergy.com	WO #:		
Project Name: CCR Plant Crist Background A	Project #: 40005424		
Site:	SSOW#:		

400-186893 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-100	4/16/20	1135	G	Water			X	X		X	X	X		
MW-101		1640		Water										
MW-107		1030		Water										
MW-108		0850		Water										
MW-306		1540		Water										
MW-307		1345		Water										
DUP-01		1035		Water										
EB-01	4/16/20	1610	G	Water			X	X		X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4/17/20 0730	RPH		4/17/20 0730	RPH
2		4/17/20 0800	RPH	Kathy R Queen	4-17-20 800	ETA
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.4, 5.7°C IRS

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-186893-2
SDG Number: Background

Login Number: 186893
List Number: 1
Creator: Hinrichsen, Megan E

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4°C, 5.7°C IR-9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-186893-2
SDG Number: Background

Login Number: 186893
List Number: 2
Creator: Mazariegos, Leonel A

List Source: Eurofins TestAmerica, St. Louis
List Creation: 04/21/20 12:30 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-2
SDG: Background

Laboratory: Eurofins TestAmerica, Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	07-01-20
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-13-21
Arkansas DEQ	State	88-0689	09-01-20
California	State	2510	07-01-20
Florida	NELAP	E81010	06-30-20
Georgia	State	E81010(FL)	06-30-20
Illinois	NELAP	004586	10-09-20
Iowa	State	367	08-01-20
Kansas	NELAP	E-10253	08-16-20
Kentucky (UST)	State	53	06-30-20
Kentucky (WW)	State	KY98030	12-31-20
Louisiana	NELAP	30976	06-30-20
Louisiana (DW)	State	LA017	12-31-20
Maryland	State	233	09-30-20
Massachusetts	State	M-FL094	06-30-20
Michigan	State	9912	06-30-20
Minnesota	NELAP	012-999-481	12-31-20
New Jersey	NELAP	FL006	06-30-20
New York	NELAP	12115	04-01-21
North Carolina (WW/SW)	State	314	12-31-20
Oklahoma	State	9810-186	08-31-20
Pennsylvania	NELAP	68-00467	01-31-21
Rhode Island	State	LAO00307	12-30-20
South Carolina	State	96026002	06-30-20
Tennessee	State	TN02907	06-30-20
Texas	NELAP	T104704286	09-30-20
US Fish & Wildlife	US Federal Programs	058448	07-31-20
USDA	US Federal Programs	P330-18-00148	05-17-21
Virginia	NELAP	460166	06-14-20
Washington	State	C915	05-15-20
West Virginia DEP	State	136	06-30-20

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186893-2
SDG: Background

Laboratory: Eurofins TestAmerica, St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-22
ANAB	Dept. of Defense ELAP	L2305	05-14-20
ANAB	Dept. of Energy	L2305.01	05-14-20
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-20
California	Los Angeles County Sanitation Districts	10259	06-30-20
California	State	2886	06-30-20
Connecticut	State	PH-0241	03-31-21
Florida	NELAP	E87689	06-30-20
HI - RadChem Recognition	State	n/a	06-30-20
Illinois	NELAP	004553	11-30-20
Iowa	State	373	09-17-20
Kansas	NELAP	E-10236	10-31-20
Kentucky (DW)	State	KY90125	12-31-20
Louisiana	NELAP	04080	06-30-20
Louisiana (DW)	State	LA011	12-31-20
Maryland	State	310	09-30-20
MI - RadChem Recognition	State	9005	06-30-20
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-20
New Jersey	NELAP	MO002	06-30-20
New York	NELAP	11616	04-01-21
North Dakota	State	R-207	06-30-20
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-20
Pennsylvania	NELAP	68-00540	02-28-21
South Carolina	State	85002001	06-30-20
Texas	NELAP	T104704193-19-13	07-31-20
US Fish & Wildlife	US Federal Programs	058448	07-31-20
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542019-11	07-31-20
Virginia	NELAP	10310	06-14-20
Washington	State	C592	08-30-20
West Virginia DEP	State	381	10-31-20

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ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-186948-5
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist
Revision: 1

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Authorized for release by:
7/9/2020 4:45:03 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-186948-5

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-186948-5

Metals
Method 6020: The serial dilution performed for the following sample associated with batch 400-486886 was outside control limits: (400-186948-B-3-B SD ^5).

Method 6020: The method blank for preparation batch 400-486531 and analytical batch 400-486886 contained Cadmium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020: The continuing calibration verification (CCV) associated with batch 400-486886 recovered above the upper control limit for Calcium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: EB-02 (400-186948-21), (MB 400-486492/1-A) and (MB 400-486531/1-A).

Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-186948-16), MW-304 (400-186948-17), MW-308 (400-186948-19), (400-186948-B-3-B ^100), (400-186948-B-3-C MS ^100), (400-186948-B-3-D MSD ^100), (400-186948-B-19-B MS ^10) and (400-186948-B-19-C MSD ^10). Elevated reporting limits (RLs) are provided.

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-486492 and analytical batch 400-487247 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-486847 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-487045 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 F C: The method blank for analytical batch 400-487045 contained fluoride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method SM 4500 Cl- E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-186948-16) and MW-304 (400-186948-17). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-186948-16), MW-304 (400-186948-17) and MW-308 (400-186948-19). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-100 — Lab Sample ID: 400-869346-8P

Rnalyte	s ef ult	AualiUer	QAL	MDL	Fnit	Dil hac	D	MetdoT	Qrep 2ype
Barium	0.011		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.027		0.010	0.0036	mg/L	1		6020	Total Recoverable
Cadmium	0.000075	I	0.00050	0.000056	mg/L	1		6020	Total Recoverable
Calcium	0.48		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00024	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.000083	I	0.00025	0.000058	mg/L	1		6020	Total Recoverable
Lithium	0.00062	I	0.0010	0.00038	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	62		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	8.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.69				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 400-869346-89

Rnalyte	s ef ult	AualiUer	QAL	MDL	Fnit	Dil hac	D	MetdoT	Qrep 2ype
Barium	0.069		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Beryllium	0.000074	I	0.00050	0.000034	mg/L	1		6020	Total Recoverable
Boron	5.7		1.0	0.36	mg/L	100		6020	Total Recoverable
Cadmium	0.00024	I	0.00050	0.000056	mg/L	1		6020	Total Recoverable
Calcium	93		5.0	2.5	mg/L	100		6020	Total Recoverable
Cobalt	0.00044	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.00011	I	0.00025	0.000058	mg/L	1		6020	Total Recoverable
Lithium	0.023		0.0010	0.00038	mg/L	1		6020	Total Recoverable
Molybdenum	0.81		0.0030	0.00090	mg/L	1		6020	Total Recoverable
Selenium	0.0035		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Thallium	0.00027		0.00010	0.000024	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	520		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	96		4.0	2.8	mg/L	2		SM 4500 Cl- E	Total/NA
Fluoride	0.25	V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	260		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	6.61				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-104 — Lab Sample ID: 400-869346-87

Rnalyte	s ef ult	AualiUer	QAL	MDL	Fnit	Dil hac	D	MetdoT	Qrep 2ype
Arsenic	0.00053		0.00025	0.000078	mg/L	1		6020	Total Recoverable
Barium	0.043		0.00050	0.00014	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Detection Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-104 5ContinueT(— Lab Sample ID: 400-869346-87

Rnalyte	s ef ult	AualiUer	QAL	MDL	Fnit	Dil hac	D	MetdoT	Qrep 2ype
Boron	2.8		1.0	0.36	mg/L	100		6020	Total Recoverable
Cadmium	0.00073		0.00050	0.000056	mg/L	1		6020	Total Recoverable
Calcium	150		5.0	2.5	mg/L	100		6020	Total Recoverable
Cobalt	0.015		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.00022	I	0.00025	0.000058	mg/L	1		6020	Total Recoverable
Lithium	0.0012		0.0010	0.00038	mg/L	1		6020	Total Recoverable
Selenium	0.0066		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Thallium	0.00026		0.00010	0.000024	mg/L	1		6020	Total Recoverable
Mercury	0.00082		0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	1000		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	140		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	600		100	28	mg/L	20		SM 4500 SO4 E	Total/NA
Field pH	5.20				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-10P — Lab Sample ID: 400-869346-86

Rnalyte	s ef ult	AualiUer	QAL	MDL	Fnit	Dil hac	D	MetdoT	Qrep 2ype
Arsenic	0.00042		0.00025	0.000078	mg/L	1		6020	Total Recoverable
Barium	0.020		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.016		0.010	0.0036	mg/L	1		6020	Total Recoverable
Cadmium	0.000076	I	0.00050	0.000056	mg/L	1		6020	Total Recoverable
Calcium	0.90		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00045	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.00047	I	0.0010	0.00038	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	36		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	8.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.91				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-106 — Lab Sample ID: 400-869346-83

Rnalyte	s ef ult	AualiUer	QAL	MDL	Fnit	Dil hac	D	MetdoT	Qrep 2ype
Arsenic	0.00046		0.00025	0.000078	mg/L	1		6020	Total Recoverable
Barium	0.016		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	3.0		0.10	0.036	mg/L	10		6020	Total Recoverable
Cadmium	0.000089	I V	0.00050	0.000056	mg/L	1		6020	Total Recoverable
Calcium	48		0.50	0.25	mg/L	10		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Detection Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-106 5ContinueT(— Lab Sample ID: 400-869346-83

Rnalyte	s ef ult	AualiUer	QAL	MDL	F nit	Dil hac	D	MetdoT	Qrep 2ype
Chromium	0.00082		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Selenium	0.0021		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Thallium	0.00016		0.00010	0.000024	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	280		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	33		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.17	V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	120		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	6.97				SU	1		Field Sampling	Total/NA

Client Sample ID: DF Q-01 — Lab Sample ID: 400-869346-) 0

Rnalyte	s ef ult	AualiUer	QAL	MDL	F nit	Dil hac	D	MetdoT	Qrep 2ype
Barium	0.020		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Beryllium	0.000036	I	0.00050	0.000034	mg/L	1		6020	Total Recoverable
Boron	0.021		0.010	0.0036	mg/L	1		6020	Total Recoverable
Cadmium	0.000069	I V	0.00050	0.000056	mg/L	1		6020	Total Recoverable
Calcium	0.86		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00044	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	110		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	8.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.91				SU	1		Field Sampling	Total/NA

Client Sample ID: EB-0) — Lab Sample ID: 400-869346-) 8

Rnalyte	s ef ult	AualiUer	QAL	MDL	F nit	Dil hac	D	MetdoT	Qrep 2ype
Arsenic	0.00012	I	0.00025	0.000078	mg/L	1		6020	Total Recoverable
Barium	0.00025	I	0.00050	0.00014	mg/L	1		6020	Total Recoverable
Cadmium	0.00012	I V	0.00050	0.000056	mg/L	1		6020	Total Recoverable
Chromium	0.00024	I	0.00050	0.00020	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
SM 4500 Cl- E	Chloride, Total	SM	TAL PEN
SM 4500 F C	Fluoride	SM	TAL PEN
SM 4500 SO4 E	Sulfate, Total	SM	TAL PEN
Field Sampling	Field Sampling	EPA	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-186948-15	MW-300	Water	04/18/20 08:40	04/20/20 09:48	
400-186948-16	MW-303	Water	04/18/20 13:55	04/20/20 09:48	
400-186948-17	MW-304	Water	04/18/20 12:02	04/20/20 09:48	
400-186948-18	MW-305	Water	04/18/20 10:33	04/20/20 09:48	
400-186948-19	MW-308	Water	04/18/20 12:10	04/20/20 09:48	
400-186948-20	DUP-03	Water	04/18/20 09:33	04/20/20 09:48	
400-186948-21	EB-02	Water	04/18/20 12:40	04/20/20 09:48	

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-r 00

Date Cclledte/ : 042182 50 08:40
Date Redeive/ : 042502 50 09:48

Lab Sample ID: 400-186948-13

Matxio: Watex

Met7c/ : 6050 - Metals HC(2MSP-) ctal Redcvexable

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 09:06	04/23/20 17:57	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/21/20 09:06	04/23/20 17:57	1
f axium	**0B011**		0.00050	0.00014	mg/L		04/21/20 09:06	04/23/20 17:57	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/21/20 09:06	04/23/20 17:57	1
f cxcn	**0B95.**		0.010	0.0036	mg/L		04/21/20 09:06	04/24/20 13:55	1
Ca/ mium	**0B000. 3**	**I**	0.00050	0.000056	mg/L		04/21/20 09:06	04/23/20 17:57	1
Caldium	**0B48**		0.050	0.025	mg/L		04/21/20 09:06	04/24/20 13:55	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/21/20 09:06	04/23/20 17:57	1
Ccbalt	**0B00054**	**I**	0.00050	0.00011	mg/L		04/21/20 09:06	04/23/20 17:57	1
Lea/	**0B00008r**	**I**	0.00025	0.000058	mg/L		04/21/20 09:06	04/23/20 17:57	1
Lit7ium	**0B00065**	**I**	0.0010	0.00038	mg/L		04/21/20 09:06	04/23/20 17:57	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 09:06	04/23/20 17:57	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/21/20 09:06	04/23/20 17:57	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/21/20 09:06	04/23/20 17:57	1

Met7c/ : . 4. 0Q - MexduxA hCVQQP

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 13:32	1

Genexal C7emistxA

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
) ctal Dissclve/ Scli/ s	**65**		5.0	5.0	mg/L			04/23/20 15:00	1
C7lcxi/ e	**8B**		2.0	1.4	mg/L			04/27/20 10:22	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/25/20 16:34	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 13:33	1

Met7c/ : yiel/ Sampling - yiel/ Sampling

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
yiel/ pH	**4B69**				SU			04/18/20 08:40	1

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Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-r 0r
Date Cclledte/ : 042182500 1r :33
Date Redeive/ : 042502500 09:48

Lab Sample ID: 400-186948-16
Matxio: Watex

Met7c/ : 6050 - Metals HC(2MSP-) ctal Redcvexable

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 09:06	04/23/20 18:00	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/21/20 09:06	04/23/20 18:00	1
f axium	0B969		0.00050	0.00014	mg/L		04/21/20 09:06	04/23/20 18:00	1
f exAllium	0B000. 4	I	0.00050	0.000034	mg/L		04/21/20 09:06	04/23/20 18:00	1
f cxcn	3B		1.0	0.36	mg/L		04/21/20 09:06	04/24/20 13:58	100
Ca/ mium	0B0054	I	0.00050	0.000056	mg/L		04/21/20 09:06	04/23/20 18:00	1
Caldium	9r		5.0	2.5	mg/L		04/21/20 09:06	04/24/20 13:58	100
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/21/20 09:06	04/23/20 18:00	1
Ccbalt	0B0044	I	0.00050	0.00011	mg/L		04/21/20 09:06	04/23/20 18:00	1
Lea/	0B0011	I	0.00025	0.000058	mg/L		04/21/20 09:06	04/23/20 18:00	1
Lit7ium	0B95r		0.0010	0.00038	mg/L		04/21/20 09:06	04/23/20 18:00	1
MclAb/ enum	0B31		0.0030	0.00090	mg/L		04/21/20 09:06	04/23/20 18:00	1
Selenium	0B0r3		0.00025	0.00016	mg/L		04/21/20 09:06	04/23/20 18:00	1
) 7allium	0B005.		0.00010	0.000024	mg/L		04/21/20 09:06	04/23/20 18:00	1

Met7c/ : . 4. 0Q - MexduxA HCVQQP

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:12	1

Genexal C7emistxA

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
) ctal Disscive/ Scli/ s	350		10	10	mg/L			04/23/20 15:00	1
C7lcxi/ e	96		4.0	2.8	mg/L			04/27/20 10:41	2
ylucxi/ e	0B53	V	0.10	0.032	mg/L			04/25/20 16:37	1
SulUate	560		50	14	mg/L			04/23/20 14:18	10

Met7c/ : yiel/ Sampling - yiel/ Sampling

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
yiel/ pH	6B51				SU			04/18/20 13:55	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-r 04

Lab Sample ID: 400-186948-1.

Date Cclledte/ : 042182 50 15:05
Date Redeive/ : 042502 50 09:48

Matxio: Watex

Met7c/ : 6050 - Metals HC(2MSP-) ctal Redcvexable

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 09:06	04/23/20 18:03	1
Qxsenid	0B003r		0.00025	0.000078	mg/L		04/21/20 09:06	04/23/20 18:03	1
f axium	0B04r		0.00050	0.00014	mg/L		04/21/20 09:06	04/23/20 18:03	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/21/20 09:06	04/23/20 18:03	1
f cxcn	5B3		1.0	0.36	mg/L		04/21/20 09:06	04/24/20 14:01	100
Ca/ mium	0B00. r		0.00050	0.000056	mg/L		04/21/20 09:06	04/23/20 18:03	1
Caldium	130		5.0	2.5	mg/L		04/21/20 09:06	04/24/20 14:01	100
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/21/20 09:06	04/23/20 18:03	1
Ccbalt	0B013		0.00050	0.00011	mg/L		04/21/20 09:06	04/23/20 18:03	1
Lea/	0B00055	I	0.00025	0.000058	mg/L		04/21/20 09:06	04/23/20 18:03	1
Lit7ium	0B0015		0.0010	0.00038	mg/L		04/21/20 09:06	04/23/20 18:03	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 09:06	04/23/20 18:03	1
Selenium	0B0066		0.00025	0.00016	mg/L		04/21/20 09:06	04/23/20 18:03	1
) 7allium	0B00056		0.00010	0.000024	mg/L		04/21/20 09:06	04/23/20 18:03	1

Met7c/ : . 4. 0Q - MexduxA HCVQQP

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
MexduxA	0B00085		0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:19	1

Genexal C7emistxA

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
) ctal Dissclve/ Scli/ s	1000		10	10	mg/L			04/23/20 15:00	1
C7lcxi/ e	140		10	7.0	mg/L			04/27/20 10:41	5
Fluoride	0.032	U	0.10	0.032	mg/L			04/25/20 16:41	1
SulUate	600		100	28	mg/L			04/23/20 14:18	20

Met7c/ : yiel/ Sampling - yiel/ Sampling

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
yiel/ pH	3B50				SU			04/18/20 12:02	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-r 03

Date Cclledte/ : 042182 50 10:r r
Date Redeive/ : 042502 50 09:48

Lab Sample ID: 400-186948-18

Matxio: Watex

Met7c/ : 6050 - Metals HC(2MSP-) ctal Redcvexable

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 09:06	04/23/20 18:07	1
Qxsenid	0B00045		0.00025	0.000078	mg/L		04/21/20 09:06	04/23/20 18:07	1
f axium	0B050		0.00050	0.00014	mg/L		04/21/20 09:06	04/23/20 18:07	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/21/20 09:06	04/23/20 18:07	1
f cxcn	0B016		0.010	0.0036	mg/L		04/21/20 09:06	04/24/20 14:05	1
Ca/ mium	0B0000. 6	I	0.00050	0.000056	mg/L		04/21/20 09:06	04/23/20 18:07	1
Caldium	0B90		0.050	0.025	mg/L		04/21/20 09:06	04/24/20 14:05	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/21/20 09:06	04/23/20 18:07	1
Ccbalt	0B00043	I	0.00050	0.00011	mg/L		04/21/20 09:06	04/23/20 18:07	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/21/20 09:06	04/23/20 18:07	1
Lit7ium	0B0004.	I	0.0010	0.00038	mg/L		04/21/20 09:06	04/23/20 18:07	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 09:06	04/23/20 18:07	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/21/20 09:06	04/23/20 18:07	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/21/20 09:06	04/23/20 18:07	1

Met7c/ : . 4. 0Q - MexduxA hCVQQP

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:21	1

Genexal C7emistxA

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
) ctal Dissclve/ Scli/ s	r 6		5.0	5.0	mg/L			04/23/20 15:00	1
C7lcxi/ e	8B5		2.0	1.4	mg/L			04/27/20 10:22	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/25/20 16:43	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 13:40	1

Met7c/ : yiel/ Sampling - yiel/ Sampling

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
yiel/ pH	4B91				SU			04/18/20 10:33	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-r 08

Date Cclledte/ : 042182 50 15:10
Date Redeive/ : 042502 50 09:48

Lab Sample ID: 400-186948-19

Matxio: Watex

Met7c/ : 6050 - Metals HC(2MSP-) ctal Redcvexable

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 11:29	04/23/20 19:22	1
Qxsenid	0B00046		0.00025	0.000078	mg/L		04/21/20 11:29	04/23/20 19:22	1
f axium	0B016		0.00050	0.00014	mg/L		04/21/20 11:29	04/23/20 19:22	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/21/20 11:29	04/23/20 19:22	1
f cxcn	rB9		0.10	0.036	mg/L		04/21/20 11:29	04/24/20 14:08	10
Ca/ mium	0B000089	I V	0.00050	0.000056	mg/L		04/21/20 11:29	04/23/20 19:22	1
Caldium	48		0.50	0.25	mg/L		04/21/20 11:29	04/24/20 14:08	10
C7xcmium	0B00085		0.00050	0.00020	mg/L		04/21/20 11:29	04/23/20 19:22	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/21/20 11:29	04/23/20 19:22	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/21/20 11:29	04/23/20 19:22	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/21/20 11:29	04/23/20 19:22	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 11:29	04/23/20 19:22	1
Selenium	0B0051		0.00025	0.00016	mg/L		04/21/20 11:29	04/23/20 19:22	1
) 7allium	0B00016		0.00010	0.000024	mg/L		04/21/20 11:29	04/23/20 19:22	1

Met7c/ : . 4. 0Q - MexduxA hCVQQP

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:23	1

Genexal C7emistxA

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
) ctal Dissclve/ Scli/ s	580		5.0	5.0	mg/L			04/23/20 15:00	1
C7lcxi/ e	rr		2.0	1.4	mg/L			04/27/20 10:22	1
ylucxi/ e	0B1.	V	0.10	0.032	mg/L			04/25/20 16:45	1
SulUate	150		25	7.0	mg/L			04/23/20 14:18	5

Met7c/ : yiel/ Sampling - yiel/ Sampling

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
yiel/ pH	6B9.				SU			04/18/20 12:10	1

Client Sample ID: Dz (-0r
Date Cclledte/ : 042182500 09:rr
Date Redeive/ : 042502500 09:48

Lab Sample ID: 400-186948-50
Matxio: Watex

Met7c/ : 6050 - Metals HC(2MSP-) ctal Redcvexable

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 11:29	04/23/20 19:45	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/21/20 11:29	04/23/20 19:45	1
f axium	0B950		0.00050	0.00014	mg/L		04/21/20 11:29	04/23/20 19:45	1
f exAllium	0B000r6	I	0.00050	0.000034	mg/L		04/21/20 11:29	04/23/20 19:45	1
f cxcn	0B951		0.010	0.0036	mg/L		04/21/20 11:29	04/24/20 14:24	1
Ca/ mium	0B00069	I V	0.00050	0.000056	mg/L		04/21/20 11:29	04/23/20 19:45	1
Caldium	0B36		0.050	0.025	mg/L		04/21/20 11:29	04/24/20 14:24	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/21/20 11:29	04/23/20 19:45	1
Ccbalt	0B00044	I	0.00050	0.00011	mg/L		04/21/20 11:29	04/23/20 19:45	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/21/20 11:29	04/23/20 19:45	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/21/20 11:29	04/23/20 19:45	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 11:29	04/23/20 19:45	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/21/20 11:29	04/23/20 19:45	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/21/20 11:29	04/23/20 19:45	1

Met7c/ : . 4. 0Q - MexduxA HCVQQP

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:25	1

Genexal C7emistxA

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
) ctal Disscive/ Scli/ s	110		5.0	5.0	mg/L			04/23/20 15:00	1
C7lcxi/ e	8B		2.0	1.4	mg/L			04/27/20 11:44	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/25/20 16:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 13:40	1

Met7c/ : yiel/ Sampling - yiel/ Sampling

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
yiel/ pH	4B91				SU			04/18/20 09:33	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: Ef -05
Date Cclledte/ : 042182500 15:40
Date Redeive/ : 042502500 09:48

Lab Sample ID: 400-186948-51
Matxio: Watex

Met7c/ : 6050 - Metals HC(2MSP-) ctal Redcvexable

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 11:29	04/23/20 19:48	1
Qxsenid	0B00015	I	0.00025	0.000078	mg/L		04/21/20 11:29	04/23/20 19:48	1
f axium	0B00053	I	0.00050	0.00014	mg/L		04/21/20 11:29	04/23/20 19:48	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/21/20 11:29	04/23/20 19:48	1
Boron	0.0036	U	0.010	0.0036	mg/L		04/21/20 11:29	04/24/20 14:28	1
Ca/ mium	0B00015	I V	0.00050	0.000056	mg/L		04/21/20 11:29	04/23/20 19:48	1
Calcium	0.025	U	0.050	0.025	mg/L		04/21/20 11:29	04/23/20 19:48	1
C7xcmium	0B00054	I	0.00050	0.00020	mg/L		04/21/20 11:29	04/23/20 19:48	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/21/20 11:29	04/23/20 19:48	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/21/20 11:29	04/23/20 19:48	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/21/20 11:29	04/23/20 19:48	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 11:29	04/23/20 19:48	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/21/20 11:29	04/23/20 19:48	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/21/20 11:29	04/23/20 19:48	1

Met7c/ : . 4. 0Q - MexduxA HCVQQP

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:30	1

Genexal C7emistxA

QnalAte	Result	TualiUex	(TL	MDL	z nit	D	(xepaxe/	QnalAFe/	Dil yad
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			04/23/20 15:00	1
Chloride	1.4	U	2.0	1.4	mg/L			04/27/20 11:44	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/25/20 16:50	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 13:40	1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

General Chemistry

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample ID: MW-100

Lab Sample ID: 400-869346-8x

Date Collecte/ : 04286250 06:40

Matrid: Water

Date Receive/ : 04250250 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486886	04/23/20 17:57	AW	TAL PEN
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		1	487247	04/24/20 13:55	AW	TAL PEN
Total/NA	Prep	7470A			487398	04/30/20 08:24	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487603	04/30/20 13:32	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486847	04/23/20 15:00	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	487120	04/27/20 10:22	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	487045	04/25/20 16:34	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486843	04/23/20 13:33	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/18/20 08:40	MCS	TAL PEN

Client Sample ID: MW-101

Lab Sample ID: 400-869346-89

Date Collecte/ : 04286250 81:xx

Matrid: Water

Date Receive/ : 04250250 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486886	04/23/20 18:00	AW	TAL PEN
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		100	487247	04/24/20 13:58	AW	TAL PEN
Total/NA	Prep	7470A			487403	04/30/20 08:24	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487603	04/30/20 12:12	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486847	04/23/20 15:00	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		2	487120	04/27/20 10:41	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	487045	04/25/20 16:37	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	486843	04/23/20 14:18	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/18/20 13:55	MCS	TAL PEN

Client Sample ID: MW-104

Lab Sample ID: 400-869346-8F

Date Collecte/ : 04286250 85:05

Matrid: Water

Date Receive/ : 04250250 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486886	04/23/20 18:03	AW	TAL PEN
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		100	487247	04/24/20 14:01	AW	TAL PEN
Total/NA	Prep	7470A			487403	04/30/20 08:24	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487603	04/30/20 12:19	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486847	04/23/20 15:00	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	487120	04/27/20 10:41	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	487045	04/25/20 16:41	MAF	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: MW-104

Lab Sample ID: 400-869346-8F

Date Collecte/ : 04286250 85:05
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Analysis	SM 4500 SO4 E		20	486843	04/23/20 14:18	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/18/20 12:02	MCS	TAL PEN

Client Sample ID: MW-10x

Lab Sample ID: 400-869346-86

Date Collecte/ : 04286250 80:11
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486886	04/23/20 18:07	AW	TAL PEN
Total Recoverable	Prep	3005A			486492	04/21/20 09:06	NET	TAL PEN
Total Recoverable	Analysis	6020		1	487247	04/24/20 14:05	AW	TAL PEN
Total/NA	Prep	7470A			487403	04/30/20 08:24	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487603	04/30/20 12:21	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486847	04/23/20 15:00	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	487120	04/27/20 10:22	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	487045	04/25/20 16:43	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486843	04/23/20 13:40	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/18/20 10:33	MCS	TAL PEN

Client Sample ID: MW-106

Lab Sample ID: 400-869346-83

Date Collecte/ : 04286250 85:80
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486531	04/21/20 11:29	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486886	04/23/20 19:22	AW	TAL PEN
Total Recoverable	Prep	3005A			486531	04/21/20 11:29	NET	TAL PEN
Total Recoverable	Analysis	6020		10	487247	04/24/20 14:08	AW	TAL PEN
Total/NA	Prep	7470A			487403	04/30/20 08:24	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487603	04/30/20 12:23	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486847	04/23/20 15:00	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	487120	04/27/20 10:22	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	487045	04/25/20 16:45	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	486843	04/23/20 14:18	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/18/20 12:10	MCS	TAL PEN

Client Sample ID: DUB-01

Lab Sample ID: 400-869346-50

Date Collecte/ : 04286250 03:11
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486531	04/21/20 11:29	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486886	04/23/20 19:45	AW	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-5
SDG: Downgradient C

Client Sample ID: DUB-01

Lab Sample ID: 400-869346-50

Date Collecte/ : 042862520 03:11

Matrid: Water

Date Receive/ : 042520520 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486531	04/21/20 11:29	NET	TAL PEN
Total Recoverable	Analysis	6020		1	487247	04/24/20 14:24	AW	TAL PEN
Total/NA	Prep	7470A			487403	04/30/20 08:24	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487603	04/30/20 12:25	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486847	04/23/20 15:00	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	487142	04/27/20 11:44	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	487045	04/25/20 16:48	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486843	04/23/20 13:40	HES	TAL PEN
Total/NA	Analysis	Field Sampling		1	488336	04/18/20 09:33	MCS	TAL PEN

Client Sample ID: Ey -05

Lab Sample ID: 400-869346-58

Date Collecte/ : 042862520 85:40

Matrid: Water

Date Receive/ : 042520520 03:46

Brep 7Tpe	y atch 7Tpe	y atch Metho/	Rsn	Dilstion Nactor	y atch z smber	Brepare/ or PnalTue/	PnalTAt	Lab
Total Recoverable	Prep	3005A			486531	04/21/20 11:29	NET	TAL PEN
Total Recoverable	Analysis	6020		1	486886	04/23/20 19:48	AW	TAL PEN
Total Recoverable	Prep	3005A			486531	04/21/20 11:29	NET	TAL PEN
Total Recoverable	Analysis	6020		1	487247	04/24/20 14:28	AW	TAL PEN
Total/NA	Prep	7470A			487403	04/30/20 08:24	JAP	TAL PEN
Total/NA	Analysis	7470A		1	487603	04/30/20 12:30	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	486847	04/23/20 15:00	CLB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	487142	04/27/20 11:44	HES	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	487045	04/25/20 16:50	MAF	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	486843	04/23/20 13:40	HES	TAL PEN

LaboratorT ReferenceA:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Prep Batch: 486439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total Recoverable	Water	3005A	
400-186948-16	MW-303	Total Recoverable	Water	3005A	
400-186948-17	MW-304	Total Recoverable	Water	3005A	
400-186948-18	MW-305	Total Recoverable	Water	3005A	
MB 400-486492/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 400-486492/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-186948-B-3-C MS	Matrix Spike	Total Recoverable	Water	3005A	
400-186948-B-3-C MS ^100	Matrix Spike	Total Recoverable	Water	3005A	
400-186948-B-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
400-186948-B-3-D MSD ^10(	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 486F52

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-19	MW-308	Total Recoverable	Water	3005A	
400-186948-20	DUP-03	Total Recoverable	Water	3005A	
400-186948-21	EB-02	Total Recoverable	Water	3005A	
MB 400-486531/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 400-486531/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-186948-19 MS	MW-308	Total Recoverable	Water	3005A	
400-186948-19 MSD	MW-308	Total Recoverable	Water	3005A	

Analysis Batch: 486886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total Recoverable	Water	6020	486492
400-186948-16	MW-303	Total Recoverable	Water	6020	486492
400-186948-17	MW-304	Total Recoverable	Water	6020	486492
400-186948-18	MW-305	Total Recoverable	Water	6020	486492
400-186948-19	MW-308	Total Recoverable	Water	6020	486531
400-186948-20	DUP-03	Total Recoverable	Water	6020	486531
400-186948-21	EB-02	Total Recoverable	Water	6020	486531
MB 400-486492/1-A	Method Blank	Total Recoverable	Water	6020	486492
MB 400-486531/1-A	Method Blank	Total Recoverable	Water	6020	486531
LCS 400-486492/2-A	Lab Control Sample	Total Recoverable	Water	6020	486492
LCS 400-486531/2-A	Lab Control Sample	Total Recoverable	Water	6020	486531
400-186948-19 MS	MW-308	Total Recoverable	Water	6020	486531
400-186948-19 MSD	MW-308	Total Recoverable	Water	6020	486531
400-186948-B-3-C MS	Matrix Spike	Total Recoverable	Water	6020	486492
400-186948-B-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020	486492

Analysis Batch: 480940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total Recoverable	Water	6020	486492
400-186948-16	MW-303	Total Recoverable	Water	6020	486492
400-186948-17	MW-304	Total Recoverable	Water	6020	486492
400-186948-18	MW-305	Total Recoverable	Water	6020	486492
400-186948-19	MW-308	Total Recoverable	Water	6020	486531
400-186948-20	DUP-03	Total Recoverable	Water	6020	486531
400-186948-21	EB-02	Total Recoverable	Water	6020	486531
MB 400-486492/1-A	Method Blank	Total Recoverable	Water	6020	486492
MB 400-486531/1-A	Method Blank	Total Recoverable	Water	6020	486531
LCS 400-486492/2-A	Lab Control Sample	Total Recoverable	Water	6020	486492

Metals (Continued)

Analysis Batch: 480940 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-486531/2-A	Lab Control Sample	Total Recoverable	Water	6020	486531
400-186948-19 MS	MW-308	Total Recoverable	Water	6020	486531
400-186948-19 MSD	MW-308	Total Recoverable	Water	6020	486531
400-186948-B-3-C MS ^100	Matrix Spike	Total Recoverable	Water	6020	486492
400-186948-B-3-D MSD ^10(	Matrix Spike Duplicate	Total Recoverable	Water	6020	486492

Prep Batch: 480538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total/NA	Water	7470A	
MB 400-487398/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-487398/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-187034-H-8-C MS	Matrix Spike	Total/NA	Water	7470A	
400-187034-H-8-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 480465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-16	MW-303	Total/NA	Water	7470A	
400-186948-17	MW-304	Total/NA	Water	7470A	
400-186948-18	MW-305	Total/NA	Water	7470A	
400-186948-19	MW-308	Total/NA	Water	7470A	
400-186948-20	DUP-03	Total/NA	Water	7470A	
400-186948-21	EB-02	Total/NA	Water	7470A	
MB 400-487403/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-487403/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-186948-16 MS	MW-303	Total/NA	Water	7470A	
400-186948-16 MSD	MW-303	Total/NA	Water	7470A	

Analysis Batch: 480665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total/NA	Water	7470A	487398
400-186948-16	MW-303	Total/NA	Water	7470A	487403
400-186948-17	MW-304	Total/NA	Water	7470A	487403
400-186948-18	MW-305	Total/NA	Water	7470A	487403
400-186948-19	MW-308	Total/NA	Water	7470A	487403
400-186948-20	DUP-03	Total/NA	Water	7470A	487403
400-186948-21	EB-02	Total/NA	Water	7470A	487403
MB 400-487398/14-A	Method Blank	Total/NA	Water	7470A	487398
MB 400-487403/14-A	Method Blank	Total/NA	Water	7470A	487403
LCS 400-487398/15-A	Lab Control Sample	Total/NA	Water	7470A	487398
LCS 400-487403/15-A	Lab Control Sample	Total/NA	Water	7470A	487403
400-186948-16 MS	MW-303	Total/NA	Water	7470A	487403
400-186948-16 MSD	MW-303	Total/NA	Water	7470A	487403
400-187034-H-8-C MS	Matrix Spike	Total/NA	Water	7470A	487398
400-187034-H-8-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	487398

(eneral Chemistry

Analysis Batch: 486845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total/NA	Water	SM 4500 SO4 E	
400-186948-16	MW-303	Total/NA	Water	SM 4500 SO4 E	

(eneral Chemistry 7Continued1

Analysis Batch: 486845 7Continued1

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-17	MW-304	Total/NA	Water	SM 4500 SO4 E	
400-186948-18	MW-305	Total/NA	Water	SM 4500 SO4 E	
400-186948-19	MW-308	Total/NA	Water	SM 4500 SO4 E	
400-186948-20	DUP-03	Total/NA	Water	SM 4500 SO4 E	
400-186948-21	EB-02	Total/NA	Water	SM 4500 SO4 E	
MB 400-486843/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-486843/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-486843/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-186948-15 MS	MW-300	Total/NA	Water	SM 4500 SO4 E	
400-186948-15 MSD	MW-300	Total/NA	Water	SM 4500 SO4 E	
400-186948-A-25 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-186948-A-25 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 486840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total/NA	Water	SM 2540C	
400-186948-16	MW-303	Total/NA	Water	SM 2540C	
400-186948-17	MW-304	Total/NA	Water	SM 2540C	
400-186948-18	MW-305	Total/NA	Water	SM 2540C	
400-186948-19	MW-308	Total/NA	Water	SM 2540C	
400-186948-20	DUP-03	Total/NA	Water	SM 2540C	
400-186948-21	EB-02	Total/NA	Water	SM 2540C	
MB 400-486847/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-486847/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-186948-A-4 DU	Duplicate	Total/NA	Water	SM 2540C	
400-186948-A-12 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 480G4F

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total/NA	Water	SM 4500 F C	
400-186948-16	MW-303	Total/NA	Water	SM 4500 F C	
400-186948-17	MW-304	Total/NA	Water	SM 4500 F C	
400-186948-18	MW-305	Total/NA	Water	SM 4500 F C	
400-186948-19	MW-308	Total/NA	Water	SM 4500 F C	
400-186948-20	DUP-03	Total/NA	Water	SM 4500 F C	
400-186948-21	EB-02	Total/NA	Water	SM 4500 F C	
MB 400-487045/4	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-487045/6	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-186948-A-3 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-186948-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-186948-A-13 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-186948-A-13 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 48029G

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total/NA	Water	SM 4500 Cl- E	
400-186948-16	MW-303	Total/NA	Water	SM 4500 Cl- E	
400-186948-17	MW-304	Total/NA	Water	SM 4500 Cl- E	
400-186948-18	MW-305	Total/NA	Water	SM 4500 Cl- E	
400-186948-19	MW-308	Total/NA	Water	SM 4500 Cl- E	
MB 400-487120/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	

(eneral Chemistry 7Continued1

Analysis Batch: 48029G7Continued1

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-487120/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-487120/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-186893-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-186893-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	
400-186948-A-10 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-186948-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 480249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-20	DUP-03	Total/NA	Water	SM 4500 Cl- E	
400-186948-21	EB-02	Total/NA	Water	SM 4500 Cl- E	
MB 400-487142/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-487142/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-487142/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-186948-20 MS	DUP-03	Total/NA	Water	SM 4500 Cl- E	
400-186948-20 MSD	DUP-03	Total/NA	Water	SM 4500 Cl- E	

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Analysis Batch: 488556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-15	MW-300	Total/NA	Water	Field Sampling	
400-186948-16	MW-303	Total/NA	Water	Field Sampling	
400-186948-17	MW-304	Total/NA	Water	Field Sampling	
400-186948-18	MW-305	Total/NA	Water	Field Sampling	
400-186948-19	MW-308	Total/NA	Water	Field Sampling	
400-186948-20	DUP-03	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-486492/1-A
Matrix: Water
Analysis Batch: 486886

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 09:06	04/23/20 20:24	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/21/20 09:06	04/23/20 20:24	1
Barium	0.00014	U	0.00050	0.00014	mg/L		04/21/20 09:06	04/23/20 20:24	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/21/20 09:06	04/23/20 20:24	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		04/21/20 09:06	04/23/20 20:24	1
Calcium	0.025	U	0.050	0.025	mg/L		04/21/20 09:06	04/23/20 20:24	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/21/20 09:06	04/23/20 20:24	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/21/20 09:06	04/23/20 20:24	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/21/20 09:06	04/23/20 20:24	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/21/20 09:06	04/23/20 20:24	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 09:06	04/23/20 20:24	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/21/20 09:06	04/23/20 20:24	1

Lab Sample ID: MB 400-486492/1-A
Matrix: Water
Analysis Batch: 487247

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0036	U	0.010	0.0036	mg/L		04/21/20 09:06	04/24/20 12:42	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/21/20 09:06	04/24/20 12:42	1

Lab Sample ID: LCS 400-486492/2-A
Matrix: Water
Analysis Batch: 486886

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0513		mg/L		103	80 - 120
Arsenic	0.0500	0.0509		mg/L		102	80 - 120
Barium	0.0500	0.0519		mg/L		104	80 - 120
Beryllium	0.0500	0.0506		mg/L		101	80 - 120
Cadmium	0.0500	0.0522		mg/L		104	80 - 120
Chromium	0.0500	0.0506		mg/L		101	80 - 120
Cobalt	0.0500	0.0501		mg/L		100	80 - 120
Lead	0.0500	0.0506		mg/L		101	80 - 120
Lithium	0.0500	0.0529		mg/L		106	80 - 120
Molybdenum	0.0500	0.0510		mg/L		102	80 - 120
Selenium	0.0500	0.0507		mg/L		101	80 - 120
Thallium	0.0100	0.00930		mg/L		93	80 - 120

Lab Sample ID: LCS 400-486492/2-A
Matrix: Water
Analysis Batch: 487247

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.100	0.0879		mg/L		88	80 - 120
Calcium	5.00	4.99		mg/L		100	80 - 120

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-186948-B-3-C MS
Matrix: Water
Analysis Batch: 486886

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.00030	U	0.0500	0.0322	J3	mg/L		64	75 - 125
Arsenic	0.00017	I	0.0500	0.0475		mg/L		95	75 - 125
Barium	0.021		0.0500	0.0699		mg/L		99	75 - 125
Beryllium	0.00079		0.0500	0.0497		mg/L		98	75 - 125
Cadmium	0.00046	I	0.0500	0.0511		mg/L		101	75 - 125
Chromium	0.0017		0.0500	0.0498		mg/L		96	75 - 125
Cobalt	0.012		0.0500	0.0429	J3	mg/L		61	75 - 125
Lead	0.0024		0.0500	0.0553		mg/L		106	75 - 125
Lithium	0.016		0.0500	0.0626		mg/L		93	75 - 125
Molybdenum	0.00090	U	0.0500	0.0512		mg/L		102	75 - 125
Selenium	0.0088		0.0500	0.0580		mg/L		99	75 - 125
Thallium	0.00031		0.0100	0.00886		mg/L		85	75 - 125

Lab Sample ID: 400-186948-B-3-C MS ^100
Matrix: Water
Analysis Batch: 487247

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	12		0.100	10.9	J3	mg/L		-582	75 - 125
Calcium	67		5.00	69.2	J3	mg/L		44	75 - 125

Lab Sample ID: 400-186948-B-3-D MSD
Matrix: Water
Analysis Batch: 486886

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.00030	U	0.0500	0.0320	J3	mg/L		64	75 - 125	0	20
Arsenic	0.00017	I	0.0500	0.0483		mg/L		96	75 - 125	2	20
Barium	0.021		0.0500	0.0710		mg/L		101	75 - 125	2	20
Beryllium	0.00079		0.0500	0.0488		mg/L		96	75 - 125	2	20
Cadmium	0.00046	I	0.0500	0.0519		mg/L		103	75 - 125	2	20
Chromium	0.0017		0.0500	0.0500		mg/L		97	75 - 125	0	20
Cobalt	0.012		0.0500	0.0433	J3	mg/L		62	75 - 125	1	20
Lead	0.0024		0.0500	0.0561		mg/L		107	75 - 125	1	20
Lithium	0.016		0.0500	0.0628		mg/L		94	75 - 125	0	20
Molybdenum	0.00090	U	0.0500	0.0506		mg/L		101	75 - 125	1	20
Selenium	0.0088		0.0500	0.0614		mg/L		105	75 - 125	6	20
Thallium	0.00031		0.0100	0.00884		mg/L		85	75 - 125	0	20

Lab Sample ID: 400-186948-B-3-D MSD ^100
Matrix: Water
Analysis Batch: 487247

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 486492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	12		0.100	11.2	J3	mg/L		-290	75 - 125	3	20
Calcium	67		5.00	71.6		mg/L		91	75 - 125	3	20

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-486531/1-A
Matrix: Water
Analysis Batch: 486886

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/21/20 11:29	04/23/20 19:15	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		04/21/20 11:29	04/23/20 19:15	1
Barium	0.00014	U	0.00050	0.00014	mg/L		04/21/20 11:29	04/23/20 19:15	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		04/21/20 11:29	04/23/20 19:15	1
Cadmium	0.000115	I	0.00050	0.000056	mg/L		04/21/20 11:29	04/23/20 19:15	1
Calcium	0.025	U	0.050	0.025	mg/L		04/21/20 11:29	04/23/20 19:15	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/21/20 11:29	04/23/20 19:15	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/21/20 11:29	04/23/20 19:15	1
Lead	0.000058	U	0.00025	0.000058	mg/L		04/21/20 11:29	04/23/20 19:15	1
Lithium	0.00038	U	0.0010	0.00038	mg/L		04/21/20 11:29	04/23/20 19:15	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		04/21/20 11:29	04/23/20 19:15	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/21/20 11:29	04/23/20 19:15	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		04/21/20 11:29	04/23/20 19:15	1

Lab Sample ID: MB 400-486531/1-A
Matrix: Water
Analysis Batch: 487247

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0036	U	0.010	0.0036	mg/L		04/21/20 11:29	04/24/20 12:49	1

Lab Sample ID: LCS 400-486531/2-A
Matrix: Water
Analysis Batch: 486886

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0513		mg/L		103	80 - 120
Arsenic	0.0500	0.0490		mg/L		98	80 - 120
Barium	0.0500	0.0512		mg/L		102	80 - 120
Beryllium	0.0500	0.0468		mg/L		94	80 - 120
Cadmium	0.0500	0.0498		mg/L		100	80 - 120
Chromium	0.0500	0.0499		mg/L		100	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Lead	0.0500	0.0500		mg/L		100	80 - 120
Lithium	0.0500	0.0459		mg/L		92	80 - 120
Molybdenum	0.0500	0.0503		mg/L		101	80 - 120
Selenium	0.0500	0.0478		mg/L		96	80 - 120
Thallium	0.0100	0.00919		mg/L		92	80 - 120

Lab Sample ID: LCS 400-486531/2-A
Matrix: Water
Analysis Batch: 487247

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.100	0.0852		mg/L		85	80 - 120
Calcium	5.00	4.90		mg/L		98	80 - 120

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-186948-19 MS
Matrix: Water
Analysis Batch: 486886

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony	0.00030	U	0.0500	0.0516		mg/L		103	75 - 125		
Arsenic	0.00046		0.0500	0.0492		mg/L		97	75 - 125		
Barium	0.016		0.0500	0.0661		mg/L		101	75 - 125		
Beryllium	0.000034	U	0.0500	0.0473		mg/L		95	75 - 125		
Cadmium	0.000089	I V	0.0500	0.0504		mg/L		101	75 - 125		
Chromium	0.00082		0.0500	0.0494		mg/L		97	75 - 125		
Cobalt	0.00011	U	0.0500	0.0490		mg/L		98	75 - 125		
Lead	0.000058	U	0.0500	0.0534		mg/L		107	75 - 125		
Lithium	0.00038	U	0.0500	0.0468		mg/L		94	75 - 125		
Molybdenum	0.00090	U	0.0500	0.0510		mg/L		102	75 - 125		
Selenium	0.0021		0.0500	0.0515		mg/L		99	75 - 125		
Thallium	0.00016		0.0100	0.00931		mg/L		92	75 - 125		

Lab Sample ID: 400-186948-19 MS
Matrix: Water
Analysis Batch: 487247

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Boron	3.0		0.100	3.22	J3	mg/L		176	75 - 125		
Calcium	48		5.00	52.5		mg/L		93	75 - 125		

Lab Sample ID: 400-186948-19 MSD
Matrix: Water
Analysis Batch: 486886

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.00030	U	0.0500	0.0527		mg/L		105	75 - 125	2	20
Arsenic	0.00046		0.0500	0.0519		mg/L		103	75 - 125	5	20
Barium	0.016		0.0500	0.0681		mg/L		105	75 - 125	3	20
Beryllium	0.000034	U	0.0500	0.0492		mg/L		98	75 - 125	4	20
Cadmium	0.000089	I V	0.0500	0.0510		mg/L		102	75 - 125	1	20
Chromium	0.00082		0.0500	0.0503		mg/L		99	75 - 125	2	20
Cobalt	0.00011	U	0.0500	0.0502		mg/L		100	75 - 125	2	20
Lead	0.000058	U	0.0500	0.0510		mg/L		102	75 - 125	4	20
Lithium	0.00038	U	0.0500	0.0465		mg/L		93	75 - 125	1	20
Molybdenum	0.00090	U	0.0500	0.0506		mg/L		101	75 - 125	1	20
Selenium	0.0021		0.0500	0.0516		mg/L		99	75 - 125	0	20
Thallium	0.00016		0.0100	0.00944		mg/L		93	75 - 125	1	20

Lab Sample ID: 400-186948-19 MSD
Matrix: Water
Analysis Batch: 487247

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 486531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	3.0		0.100	3.18	J3	mg/L		134	75 - 125	1	20
Calcium	48		5.00	53.6		mg/L		115	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-487398/14-A
Matrix: Water
Analysis Batch: 487603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487398

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:40	1

Lab Sample ID: LCS 400-487398/15-A
Matrix: Water
Analysis Batch: 487603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000985		mg/L		98	80 - 120

Lab Sample ID: 400-187034-H-8-C MS
Matrix: Water
Analysis Batch: 487603

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 487398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00201		mg/L		100	80 - 120

Lab Sample ID: 400-187034-H-8-D MSD
Matrix: Water
Analysis Batch: 487603

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 487398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	U	0.00201	0.00202		mg/L		100	80 - 120	0	20

Lab Sample ID: MB 400-487403/14-A
Matrix: Water
Analysis Batch: 487603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487403

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/30/20 08:24	04/30/20 12:08	1

Lab Sample ID: LCS 400-487403/15-A
Matrix: Water
Analysis Batch: 487603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00101		mg/L		100	80 - 120

Lab Sample ID: 400-186948-16 MS
Matrix: Water
Analysis Batch: 487603

Client Sample ID: MW-303
Prep Type: Total/NA
Prep Batch: 487403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00182		mg/L		91	80 - 120

Lab Sample ID: 400-186948-16 MSD
Matrix: Water
Analysis Batch: 487603

Client Sample ID: MW-303
Prep Type: Total/NA
Prep Batch: 487403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	U	0.00201	0.00186		mg/L		92	80 - 120	2	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-486847/1
Matrix: Water
Analysis Batch: 486847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			04/23/20 15:00	1

Lab Sample ID: LCS 400-486847/2
Matrix: Water
Analysis Batch: 486847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	274		mg/L		94	78 - 122

Lab Sample ID: 400-186948-A-4 DU
Matrix: Water
Analysis Batch: 486847

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	180		268	J3	mg/L		41	5

Lab Sample ID: 400-186948-A-12 DU
Matrix: Water
Analysis Batch: 486847

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	310		308		mg/L		0	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-487120/6
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			04/27/20 10:12	1

Lab Sample ID: LCS 400-487120/7
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.0	29.8		mg/L		99	90 - 110

Lab Sample ID: MRL 400-487120/3
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	2.10		mg/L		105	50 - 150

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: 400-186893-A-1 MS
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.1		10.0	18.1		mg/L		119	73 - 120

Lab Sample ID: 400-186893-A-1 MSD
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.1		10.0	17.2		mg/L		111	73 - 120	5	8

Lab Sample ID: 400-186948-A-10 MS
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	15		10.0	24.5		mg/L		91	73 - 120

Lab Sample ID: 400-186948-A-10 MSD
Matrix: Water
Analysis Batch: 487120

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	15		10.0	24.2		mg/L		88	73 - 120	1	8

Lab Sample ID: MB 400-487142/6
Matrix: Water
Analysis Batch: 487142

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			04/27/20 11:44	1

Lab Sample ID: LCS 400-487142/7
Matrix: Water
Analysis Batch: 487142

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.0	30.2		mg/L		101	90 - 110

Lab Sample ID: MRL 400-487142/3
Matrix: Water
Analysis Batch: 487142

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	2.20		mg/L		110	50 - 150

Lab Sample ID: 400-186948-20 MS
Matrix: Water
Analysis Batch: 487142

Client Sample ID: DUP-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	8.1		10.0	18.6		mg/L		105	73 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: 400-186948-20 MSD
Matrix: Water
Analysis Batch: 487142

Client Sample ID: DUP-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	8.1		10.0	18.8		mg/L		108	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-487045/4
Matrix: Water
Analysis Batch: 487045

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0600	I	0.10	0.032	mg/L			04/25/20 15:12	1

Lab Sample ID: LCS 400-487045/6
Matrix: Water
Analysis Batch: 487045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	4.00	3.91		mg/L		98	90 - 110

Lab Sample ID: 400-186948-A-3 MS
Matrix: Water
Analysis Batch: 487045

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.30	V	1.00	1.05		mg/L		75	75 - 125

Lab Sample ID: 400-186948-A-3 MSD
Matrix: Water
Analysis Batch: 487045

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.30	V	1.00	1.01	J3	mg/L		71	75 - 125	4	4

Lab Sample ID: 400-186948-A-13 MS
Matrix: Water
Analysis Batch: 487045

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.032	U	1.00	0.900		mg/L		90	75 - 125

Lab Sample ID: 400-186948-A-13 MSD
Matrix: Water
Analysis Batch: 487045

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.032	U	1.00	0.880		mg/L		88	75 - 125	2	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-486843/6
Matrix: Water
Analysis Batch: 486843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			04/23/20 13:33	1

Lab Sample ID: LCS 400-486843/7
Matrix: Water
Analysis Batch: 486843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	15.0	15.0		mg/L		100	90 - 110

Lab Sample ID: MRL 400-486843/3
Matrix: Water
Analysis Batch: 486843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	5.00	4.61	I	mg/L		92	50 - 150

Lab Sample ID: 400-186948-15 MS
Matrix: Water
Analysis Batch: 486843

Client Sample ID: MW-300
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1.4	U	10.0	8.95		mg/L		89	77 - 128

Lab Sample ID: 400-186948-15 MSD
Matrix: Water
Analysis Batch: 486843

Client Sample ID: MW-300
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	8.90		mg/L		89	77 - 128	1	5

Lab Sample ID: 400-186948-A-25 MS
Matrix: Water
Analysis Batch: 486843

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1.4	U	10.0	8.27		mg/L		83	77 - 128

Lab Sample ID: 400-186948-A-25 MSD
Matrix: Water
Analysis Batch: 486843

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	8.25		mg/L		82	77 - 128	0	5

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

DWNGRC
400-186948-5, -6

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Bill Hagendorfer / Colton Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-93951-23629.1
Client Contact: Mr. Mike Markey	Phone: 850-336-0192	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520				
Phone: 850-444-6573(Tel)	PO #: Purchase Order not required			
Email: richard.markey@nexteraenergy.com	WO #:			
Project Name: CCR Plant Crist	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-300	4-18-20	0840	G	Water			X	X	X	X	X	X	3	
MW-303		1355		Water									3	
MW-304		1202		Water									3	
MW-305		1033		Water									3	
MW-308		1210		Water									3	
Dup-03		0933		Water									3	
EB-02		1240		Water									3	
				Water										
				Water										

400-186948 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4-18-20 1420	RSH	B. Hagendorfer	4-18-20 1420	RSH
2	B. Hagendorfer	4-20-20 948	RSH		4/20/20 9:48	TSPer
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No..

Cooler Temperature(s) °C and Other Remarks: 0.0C, 2.3C, 0.0C-IR8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-186948-5
SDG Number: Downgradient C

Login Number: 186948
List Number: 1
Creator: Hinrichsen, Megan E

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5°C, 0.8°C, 1.3°C, 0.5°C IR-7; 0.0 °C,0.0 °C, 2.3°C IR 8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-3
SDG: DownBrakient C

Laboratory: Eurofins TestAmerica, Pensacola

gll accrekitations/certifications delk by tdis laboratory are listekA h ot all accrekitations/certifications are applicable to tdis reportA

Authority	Program	Identification Number	Expiration Date
glabama	State	40130	0. -01-N0
gh g5	IS7 /I2C 1. 0N3	CN4. 1	0N-NE-NE
griLona	State	gz0. 10	01-1E-N1
grZansas D2Q	State	88-0689	09-01-N0
California	State	N310	06-E0-N0
Florika	h2QgP	281010	06-E0-N0
GeorBia	State	281010(FO)	06-E0-N0
Illinois	h2QgP	004386	10-09-N0
Iowa	State	E6.	08-01-N0
Kansas	h2QgP	2-10N3E	08-16-N0
KentucZy (UST)	State	3E	06-E0-N0
KentucZy (WW)	State	KY980E0	1N-E1-N0
Cbuisiana	h2QgP	E09. 6	06-E0-N0
Cbuisiana (DW)	State	Qg01.	1N-E1-N0
Marylank	State	NEE	09-E0-N0
Massacdusetts	State	M-FC094	06-E0-N0
MicdiBan	State	991N	03-06-N0
Minnesota	h2QgP	01N-999-481	1N-E1-N0
h ew Jersey	h2QgP	FC006	06-E0-N0
h ew YorZ	h2QgP	1N113	04-01-N1
h ortd Carolina (WW/SW)	State	E14	1N-E1-N0
7 Zladoma	State	9810-186	08-E1-N0
Pennsylvania	h2QgP	68-0046.	01-E1-N1
Rdoke Islank	State	Qg7 00E0.	1N-E0-N0
Soutd Carolina	State	960N600N	06-E0-N0
Tennessee	State	Th 0N90.	06-E0-N0
Texas	h2QgP	T104. 04N86	09-E0-N0
US Fisd & Wilklife	US Fekeral ProBrams	038448	0. -E1-N0
USDg	US Fekeral ProBrams	PEE0-18-00148	03-1. -N1
VirBinia	h2QgP	460166	06-14-N0
WasdinBton	State	C913	03-13-N0
West VirBinia D2P	State	1E6	06-E0-N0

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-186948-6
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Mr. Mike Markey

Authorized for release by:
5/27/2020 8:34:32 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
cheyenne.whitmire@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-186948-6

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-186948-6

RAD

B etkos 9g1d: / asium-MM6 Prep h at2k 160-468d547. ny minimum sete2table 2on2entration AB DC() 2riti2al , alue ADvC() or c afe DrinLinR Water . 2t sete2tion limit Ac DW. Dv(iS Sample-Spe2ifi2 unleSS otkerwiSe States elSewkere in tkiS narrati, e7/ asio2kemiStry Sample reSultS are reportes witk tke 2ount satejtime applies aS tke . 2ti, ity / eferen2e Date7Uh-0MA400-186948-M1() AvCc 160-468d54j1-. () AvCc D 160-468d54jM-. (ans AB h 160-468d54jM0-. (

B etkos 9g1d: / asium-MM6 Prep h at2k 160-468d9d7. ny minimum sete2table 2on2entration AB DC() 2riti2al , alue ADvC() or c afe DrinLinR Water . 2t sete2tion limit Ac DW. Dv(iS Sample-Spe2ifi2 unleSS otkerwiSe States elSewkere in tkiS narrati, e7/ asio2kemiStry Sample reSultS are reportes witk tke 2ount satejtime applies aS tke . 2ti, ity / eferen2e Date7B W-g00 A400-186948-1d() B W-g0g A400-186948-16() B W-g04 A400-186948-15() B W-g0d A400-186948-18() B W-g08 A400-186948-19() DEP-0g A400-186948-M0() AvCc 160-468d9dj1-. () AvCc D 160-468d9djM-. (ans AB h 160-468d9djMg-. (

B etkos 9gM0: / a-MM8 Prep h at2k 160-468d597. ny minimum sete2table 2on2entration AB DC() 2riti2al , alue ADvC() or c afe DrinLinR Water . 2t sete2tion limit Ac DW. Dv(iS Sample-Spe2ifi2 unleSS otkerwiSe States elSewkere in tkiS narrati, e7/ asio2kemiStry Sample reSultS are reportes witk tke 2ount satejtime applies aS tke . 2ti, ity / eferen2e Date7Uh-0MA400-186948-M1() AvCc 160-468d59j1-. () AvCc D 160-468d59jM-. (ans AB h 160-468d59jM0-. (

B etkos 9gM0: / a-MM8 Prep h at2k 160-468d957. ny minimum sete2table 2on2entration AB DC() 2riti2al , alue ADvC() or c afe DrinLinR Water . 2t sete2tion limit Ac DW. Dv(iS Sample-Spe2ifi2 unleSS otkerwiSe States elSewkere in tkiS narrati, e7/ asio2kemiStry Sample reSultS are reportes witk tke 2ount satejtime applies aS tke . 2ti, ity / eferen2e Date7B W-g00 A400-186948-1d() B W-g0g A400-186948-16() B W-g04 A400-186948-15() B W-g0d A400-186948-18() B W-g08 A400-186948-19() DEP-0g A400-186948-M0() AvCc 160-468d95j1-. () AvCc D 160-468d95jM-. (ans AB h 160-468d95jMg-. (

B etkos Pre2c ep_0: / asium MM8 Prep h at2k 160-468d597InSuffi2ient Sample , olume waS a, ailable to perform a Sample supli2ate for tke followinR SampleS: Uh-0MA400-186948-M1(7. laboratory 2ontrol Samplej laboratory 2ontrol Sample supli2ate AvCc jvCc D(were prepares inSteas to semonStrate bat2k pre2iSion7

B etkos Pre2c ep_0: / asium MM8 Prep h at2k 160-468d957InSuffi2ient Sample , olume waS a, ailable to perform a Sample supli2ate for tke followinR SampleS: B W-g00 A400-186948-1d() B W-g0g A400-186948-16() B W-g04 A400-186948-15() B W-g0d A400-186948-18() B W-g08 A400-186948-19(ans DEP-0g A400-186948-M0(7. laboratory 2ontrol Samplej laboratory 2ontrol Sample supli2ate AvCc jvCc D(were prepares inSteas to semonStrate bat2k pre2iSion7

B etkos Pre2c ep-M1: / asium MM6 Prep h at2k 160-468d547InSuffi2ient Sample , olume waS a, ailable to perform a Sample supli2ate for tke followinR SampleS: Uh-0MA400-186948-M1(7. laboratory 2ontrol Samplej laboratory 2ontrol Sample supli2ate AvCc jvCc D(were prepares inSteas to semonStrate bat2k pre2iSion7

B etkos Pre2c ep-M1: / asium MM6 Prep h at2k 160-468d9d7InSuffi2ient Sample , olume waS a, ailable to perform a Sample supli2ate for tke followinR SampleS: B W-g00 A400-186948-1d() B W-g0g A400-186948-16() B W-g04 A400-186948-15() B W-g0d A400-186948-18() B W-g08 A400-186948-19(ans DEP-0g A400-186948-M0(7. laboratory 2ontrol Samplej laboratory 2ontrol Sample supli2ate AvCc jvCc D(were prepares inSteas to semonStrate bat2k pre2iSion7

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-6
SDG: Downgradient C

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	TAL SL
9320	Radium-228 (GFPC)	SW846	TAL SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	TAL SL
PrecSep_0	Preparation, Precipitate Separation	None	TAL SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	TAL SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

5 Client GCuf oPi w5 or mpea
f wod j ny ln : 5 5 / f Open5 wRn

Job ID: 400-186948-6
y Dt : DoPeSwpgli en5

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-186948-1s	MW-300	Wpri w	04c18c20 08:40	04c20c20 09:48	
400-186948-16	MW-303	Wpri w	04c18c20 13:ss	04c20c20 09:48	
400-186948-17	MW-304	Wpri w	04c18c20 12:02	04c20c20 09:48	
400-186948-18	MW-30s	Wpri w	04c18c20 10:33	04c20c20 09:48	
400-186948-19	MW-308	Wpri w	04c18c20 12:10	04c20c20 09:48	
400-186948-20	DUf -03	Wpri w	04c18c20 09:33	04c20c20 09:48	
400-186948-21	EB-02	Wpri w	04c18c20 12:40	04c20c20 09:48	

EGwoueRTi RnAr i wj p, f i eRpj oCp

Page 5 of 24

5/27/2020

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-6
SDG: Downgradient C

Client Sample ID: MW-r 00

Date Cclledte/ : 042182 50 08:40
Date Redeive/ : 042502 50 09:48

Lab Sample ID: 400-186948-13

Matxio: Watex

Met7c/ : 9r 13 - Ra/ ium-556 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-556	0y835		0.132	0.141	1.00	0.0857	pCi/L	04/22/20 11:30	05/14/20 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*40 - 110*	*04/22/20 11:30*	*05/14/20 09:31*	*1*

Met7c/ : 9r 50 - Ra/ ium-558 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-558	4y84		0.514	0.662	1.00	0.420	pCi/L	04/22/20 11:50	05/05/20 19:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:15*	*1*
Y Carrier	*88.6*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:15*	*1*

Met7c/ : Ra556TRa558 - Ccmbine/ Ra/ ium-556 an/ Ra/ ium-558

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ccmbine/ Ra/ ium 556 . 558	3y09		0.531	0.677	5.00	0.420	pCi/L		05/14/20 12:45	1

Client Sample ID: MW-r 0r
Date Cclledte/ : 042182500 1r :33
Date Redeive/ : 042502500 09:48

Lab Sample ID: 400-186948-16
Matxio: Watex

Met7c/ : 9r 13 - Ra/ ium-556 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty Hбσ. 2P	f ctal z ndexty Hбσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-556	0y_14		0.153	0.166	1.00	0.0959	pCi/L	04/22/20 11:30	05/14/20 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/22/20 11:30*	*05/14/20 09:31*	*1*

Met7c/ : 9r 50 - Ra/ ium-558 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty Hбσ. 2P	f ctal z ndexty Hбσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-558	6yl8		0.586	0.816	1.00	0.428	pCi/L	04/22/20 11:50	05/05/20 19:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:15*	*1*
Y Carrier	*89.7*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:15*	*1*

Met7c/ : Ra556TRa558 - Ccmbine/ Ra/ ium-556 an/ Ra/ ium-558

) nalAte	Result	UualiQex	Ccunt z ndexty Hбσ. 2P	f ctal z ndexty Hбσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ccmbine/ Ra/ ium 556 . 558	6y89		0.606	0.833	5.00	0.428	pCi/L		05/14/20 12:45	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-6
SDG: Downgradient C

Client Sample ID: MW-r 04

Date Cclledte/ : 042182 50 15:05
Date Redeive/ : 042502 50 09:48

Lab Sample ID: 400-186948-1_

Matxio: Watex

Met7c/ : 9r 13 - Ra/ ium-556 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-556	5yr 3		0.269	0.342	1.00	0.105	pCi/L	04/22/20 11:30	05/14/20 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*40 - 110*	*04/22/20 11:30*	*05/14/20 09:31*	*1*

Met7c/ : 9r 50 - Ra/ ium-558 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-558	4y9_		0.558	0.721	1.00	0.450	pCi/L	04/22/20 11:50	05/05/20 19:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*
Y Carrier	*87.5*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*

Met7c/ : Ra556TRa558 - Ccmbine/ Ra/ ium-556 an/ Ra/ ium-558

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ccmbine/ Ra/ ium 556 . 558	_yr r		0.619	0.798	5.00	0.450	pCi/L		05/14/20 12:45	1

Client Sample ID: MW-r 03

Date Cclledte/ : 042182500 10:r r
Date Redeive/ : 042502500 09:48

Lab Sample ID: 400-186948-18

Matxio: Watex

Met7c/ : 9r 13 - Ra/ ium-556 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty Hσ. 2P	f ctal z ndexty Hσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-556	0y440		0.121	0.127	1.00	0.0923	pCi/L	04/22/20 11:30	05/14/20 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*40 - 110*	*04/22/20 11:30*	*05/14/20 09:31*	*1*

Met7c/ : 9r 50 - Ra/ ium-558 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty Hσ. 2P	f ctal z ndexty Hσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-558	1y11		0.295	0.312	1.00	0.352	pCi/L	04/22/20 11:50	05/05/20 19:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*
Y Carrier	*90.5*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*

Met7c/ : Ra556TRa558 - Ccmbine/ Ra/ ium-556 an/ Ra/ ium-558

) nalAte	Result	UualiQex	Ccunt z ndexty Hσ. 2P	f ctal z ndexty Hσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ccmbine/ Ra/ ium 556 . 558	1y83		0.319	0.337	5.00	0.352	pCi/L		05/14/20 12:45	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-6
SDG: Downgradient C

Client Sample ID: MW-r 08

Date Cclledte/ : 042182 50 15:10
Date Redeive/ : 042502 50 09:48

Lab Sample ID: 400-186948-19

Matxio: Watex

Met7c/ : 9r 13 - Ra/ ium-556 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-556	0y 36		0.111	0.116	1.00	0.0941	pCi/L	04/22/20 11:30	05/14/20 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*40 - 110*	*04/22/20 11:30*	*05/14/20 09:31*	*1*

Met7c/ : 9r 50 - Ra/ ium-558 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-558	0y98_		0.314	0.327	1.00	0.412	pCi/L	04/22/20 11:50	05/05/20 19:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*
Y Carrier	*87.9*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*

Met7c/ : Ra556TRa558 - Ccmbine/ Ra/ ium-556 an/ Ra/ ium-558

) nalAte	Result	UualiQex	Ccunt z ndexty h5σ. 2P	f ctal z ndexty h5σ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ccmbine/ Ra/ ium 556 . 558	1y 4		0.333	0.347	5.00	0.412	pCi/L		05/14/20 12:45	1

Client Sample ID: Dz F-0r

Date Cclledte/ : 042182500 09:rr
Date Redeive/ : 042502500 09:48

Lab Sample ID: 400-186948-50

Matxio: Watex

Met7c/ : 9r13 - Ra/ ium-556 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty Hσ. 2P	f ctal z ndexty Hσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-556	0y486		0.129	0.136	1.00	0.107	pCi/L	04/22/20 11:30	05/14/20 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*40 - 110*	*04/22/20 11:30*	*05/14/20 09:31*	*1*

Met7c/ : 9r50 - Ra/ ium-558 h(GFCP

) nalAte	Result	UualiQex	Ccunt z ndexty Hσ. 2P	f ctal z ndexty Hσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ra/ ium-558	1y3		0.355	0.376	1.00	0.430	pCi/L	04/22/20 11:50	05/05/20 19:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*
Y Carrier	*76.6*		*40 - 110*	*04/22/20 11:50*	*05/05/20 19:16*	*1*

Met7c/ : Ra556TRa558 - Ccmbine/ Ra/ ium-556 an/ Ra/ ium-558

) nalAte	Result	UualiQex	Ccunt z ndexty Hσ. 2P	f ctal z ndexty Hσ. 2P	RL	MDC	z nit	Fxepaxe/	) nalA+e/	Dil Gad
Ccmbine/ Ra/ ium 556 . 558	1y84		0.378	0.400	5.00	0.430	pCi/L		05/14/20 12:45	1

Client Sample ID: EB-05

Date Collected: 04/21/2020 15:40
Date Received: 04/25/2020 09:48

Lab Sample ID: 400-186948-51

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncertainty (2σ+/-)	Total Uncertainty (2σ+/-)	RL	MDC	Unit	Expanded	Analyzed	Dil Fac
Radium-226	0.0288	U	0.0583	0.0584	1.00	0.105	pCi/L	04/22/20 07:02	05/14/20 06:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*40 - 110*	*04/22/20 07:02*	*05/14/20 06:20*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncertainty (2σ+/-)	Total Uncertainty (2σ+/-)	RL	MDC	Unit	Expanded	Analyzed	Dil Fac
Radium-228	0.241	U	0.231	0.232	1.00	0.373	pCi/L	04/22/20 07:45	05/04/20 18:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:24*	*1*
Y Carrier	*87.9*		*40 - 110*	*04/22/20 07:45*	*05/04/20 18:24*	*1*

Method: Ra556TRa558 - Combine Radium-556 and Radium-558

Analyte	Result	Qualifier	Count Uncertainty (2σ+/-)	Total Uncertainty (2σ+/-)	RL	MDC	Unit	Expanded	Analyzed	Dil Fac
Combined Radium 226 + 228	0.270	U	0.238	0.239	5.00	0.373	pCi/L		05/14/20 08:55	1

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-6
SDG: Downgradient C

Client Sample ID: MW-100

Lab Sample ID: 400-869346-8x

Date Collecte/ : 04286250 06:40
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	yatch 7Tpe	yatch Metho/	Rsn	Dilstion Nactor	yatch zsmber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Prep	PrecSep-21			468595	04/22/20 11:30	RBR	TAL SL
Total/NA	Analysis	9315		1	470398	05/14/20 09:31	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468597	04/22/20 11:50	RBR	TAL SL
Total/NA	Analysis	9320		1	469548	05/05/20 19:15	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470434	05/14/20 12:45	SMP	TAL SL

Client Sample ID: MW-101

Lab Sample ID: 400-869346-89

Date Collecte/ : 04286250 81:xx
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	yatch 7Tpe	yatch Metho/	Rsn	Dilstion Nactor	yatch zsmber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Prep	PrecSep-21			468595	04/22/20 11:30	RBR	TAL SL
Total/NA	Analysis	9315		1	470398	05/14/20 09:31	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468597	04/22/20 11:50	RBR	TAL SL
Total/NA	Analysis	9320		1	469548	05/05/20 19:15	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470434	05/14/20 12:45	SMP	TAL SL

Client Sample ID: MW-104

Lab Sample ID: 400-869346-8F

Date Collecte/ : 04286250 85:05
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	yatch 7Tpe	yatch Metho/	Rsn	Dilstion Nactor	yatch zsmber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Prep	PrecSep-21			468595	04/22/20 11:30	RBR	TAL SL
Total/NA	Analysis	9315		1	470398	05/14/20 09:31	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468597	04/22/20 11:50	RBR	TAL SL
Total/NA	Analysis	9320		1	469548	05/05/20 19:16	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470434	05/14/20 12:45	SMP	TAL SL

Client Sample ID: MW-10x

Lab Sample ID: 400-869346-86

Date Collecte/ : 04286250 80:11
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	yatch 7Tpe	yatch Metho/	Rsn	Dilstion Nactor	yatch zsmber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Prep	PrecSep-21			468595	04/22/20 11:30	RBR	TAL SL
Total/NA	Analysis	9315		1	470398	05/14/20 09:31	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468597	04/22/20 11:50	RBR	TAL SL
Total/NA	Analysis	9320		1	469548	05/05/20 19:16	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470434	05/14/20 12:45	SMP	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-186948-6
SDG: Downgradient C

Client Sample ID: MW-106

Lab Sample ID: 400-869346-83

Date Collecte/ : 04286250 85:80
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	yatch 7Tpe	yatch Metho/	Rsn	Dilstion Nactor	yatch zsmber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Prep	PrecSep-21			468595	04/22/20 11:30	RBR	TAL SL
Total/NA	Analysis	9315		1	470398	05/14/20 09:31	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468597	04/22/20 11:50	RBR	TAL SL
Total/NA	Analysis	9320		1	469548	05/05/20 19:16	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470434	05/14/20 12:45	SMP	TAL SL

Client Sample ID: DUB-01

Lab Sample ID: 400-869346-50

Date Collecte/ : 04286250 03:11
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	yatch 7Tpe	yatch Metho/	Rsn	Dilstion Nactor	yatch zsmber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Prep	PrecSep-21			468595	04/22/20 11:30	RBR	TAL SL
Total/NA	Analysis	9315		1	470398	05/14/20 09:31	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468597	04/22/20 11:50	RBR	TAL SL
Total/NA	Analysis	9320		1	469548	05/05/20 19:16	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470434	05/14/20 12:45	SMP	TAL SL

Client Sample ID: Ey -05

Lab Sample ID: 400-869346-58

Date Collecte/ : 04286250 85:40
Matrid: Water
Date Receive/ : 04250250 03:46

Brep 7Tpe	yatch 7Tpe	yatch Metho/	Rsn	Dilstion Nactor	yatch zsmber	Brepare/ or PnalTue/	PnalTAt	Lab
Total/NA	Prep	PrecSep-21			468574	04/22/20 07:02	RBR	TAL SL
Total/NA	Analysis	9315		1	470394	05/14/20 06:20	KLS	TAL SL
Total/NA	Prep	PrecSep_0			468579	04/22/20 07:45	RBR	TAL SL
Total/NA	Analysis	9320		1	469473	05/04/20 18:24	CJQ	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	470402	05/14/20 08:55	SMP	TAL SL

LaboratorT ReferenceA:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Association Summary

3 2Ci e n t 2Gu of l P3 ow r m i p
u PoB c ea G e : 3 3 g u 2 m i e 3 P Cde

Job ID: 400-186948-6
a Dn : Dof i y PmSC i e 3

Rad

Prep Batch: 468574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-/ 1	Rs -0/	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
Ns 160-468A74k/ 0-T	Nl e 5 o S s 2 m i U	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
E3 a 160-468A74k1-T	Emb 3 o i e Po 2 a m w r 2 1	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
E3 a D 160-468A74k/ -T	Emb 3 o i e Po 2 a m w r 2 1 Dt r	Wo e m 2 MT	j me l P	u P l cal r -/ 1	

Prep Batch: 468579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-/ 1	Rs -0/	Wo e m 2 MT	j me l P	u P l cal r h0	
Ns 160-468A79k/ 0-T	Nl e 5 o S s 2 m i U	Wo e m 2 MT	j me l P	u P l cal r h0	
E3 a 160-468A79k1-T	Emb 3 o i e Po 2 a m w r 2 1	Wo e m 2 MT	j me l P	u P l cal r h0	
E3 a D 160-468A79k/ -T	Emb 3 o i e Po 2 a m w r 2 1 Dt r	Wo e m 2 MT	j me l P	u P l cal r h0	

Prep Batch: 468595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-1A	Nj -L00	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
400-186948-16	Nj -L0L	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
400-186948-17	Nj -L04	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
400-186948-18	Nj -L0A	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
400-186948-19	Nj -L08	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
400-186948-/ 0	D_ u -0L	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
Ns 160-468A9Ak/ L-T	Nl e 5 o S s 2 m i U	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
E3 a 160-468A9Ak1-T	Emb 3 o i e Po 2 a m w r 2 1	Wo e m 2 MT	j me l P	u P l cal r -/ 1	
E3 a D 160-468A9Ak/ -T	Emb 3 o i e Po 2 a m w r 2 1 Dt r	Wo e m 2 MT	j me l P	u P l cal r -/ 1	

Prep Batch: 468597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-186948-1A	Nj -L00	Wo e m 2 MT	j me l P	u P l cal r h0	
400-186948-16	Nj -L0L	Wo e m 2 MT	j me l P	u P l cal r h0	
400-186948-17	Nj -L04	Wo e m 2 MT	j me l P	u P l cal r h0	
400-186948-18	Nj -L0A	Wo e m 2 MT	j me l P	u P l cal r h0	
400-186948-19	Nj -L08	Wo e m 2 MT	j me l P	u P l cal r h0	
400-186948-/ 0	D_ u -0L	Wo e m 2 MT	j me l P	u P l cal r h0	
Ns 160-468A97k/ L-T	Nl e 5 o S s 2 m i U	Wo e m 2 MT	j me l P	u P l cal r h0	
E3 a 160-468A97k1-T	Emb 3 o i e Po 2 a m w r 2 1	Wo e m 2 MT	j me l P	u P l cal r h0	
E3 a D 160-468A97k/ -T	Emb 3 o i e Po 2 a m w r 2 1 Dt r	Wo e m 2 MT	j me l P	u P l cal r h0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-468574/20-A
Matrix: Water
Analysis Batch: 470394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468574

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.05071	U	0.0548	0.0550	1.00	0.0868	pCi/L	04/22/20 07:02	05/14/20 06:21	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*40 - 110*	*04/22/20 07:02*	*05/14/20 06:21*	*1*

Lab Sample ID: LCS 160-468574/1-A
Matrix: Water
Analysis Batch: 470394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468574

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	9.307		0.977	1.00	0.100	pCi/L	82	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*98.5*		*40 - 110*

Lab Sample ID: LCSD 160-468574/2-A
Matrix: Water
Analysis Batch: 470394

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468574

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	8.881		0.939	1.00	0.101	pCi/L	78	75 - 125	0.22	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*99.7*		*40 - 110*

Lab Sample ID: MB 160-468595/23-A
Matrix: Water
Analysis Batch: 470398

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468595

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01477	U	0.0462	0.0462	1.00	0.0893	pCi/L	04/22/20 11:30	05/14/20 09:32	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.Y*		*40 - 110*	*04/22/20 11:Y0*	*05/14/20 09:Y2*	*1*

Lab Sample ID: LCS 160-468595/1-A
Matrix: Water
Analysis Batch: 470398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468595

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	9.964		1.05	1.00	0.0765	pCi/L	88	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-468595/1-A
Matrix: Water
Analysis Batch: 470398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468595

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.Y		40 - 110

Lab Sample ID: LCSD 160-468595/2-A
Matrix: Water
Analysis Batch: 470398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468595

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	8.724		0.942	1.00	0.0891	pCi/L	77	75 - 125	0.62	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	84.1		40 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-468579/20-A
Matrix: Water
Analysis Batch: 469473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468579

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.02053	U	0.224	0.224	1.00	0.406	pCi/L	04/22/20 07:45	05/04/20 18:25	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	95.4		40 - 110	04/22/20 07:45	05/04/20 18:25	1
3 Carrier	84.9		40 - 110	04/22/20 07:45	05/04/20 18:25	1

Lab Sample ID: LCS 160-468579/1-A
Matrix: Water
Analysis Batch: 469502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468579

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			8.87	7.401		0.899	1.00	0.363	pCi/L	83	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	98.5		40 - 110
3 Carrier	89.Y		40 - 110

Lab Sample ID: LCSD 160-468579/2-A
Matrix: Water
Analysis Batch: 469502

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468579

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			8.87	7.705		0.941	1.00	0.383	pCi/L	87	75 - 125	0.17	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCSD 160-468579/2-A
Matrix: Water
Analysis Batch: 469502

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468579

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	99.7		40 - 110
3 Carrier	8Y.7		40 - 110

Lab Sample ID: MB 160-468597/23-A
Matrix: Water
Analysis Batch: 469548

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468597

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.06510	U	0.239	0.239	1.00	0.420	pCi/L	04/22/20 11:50	05/05/20 19:16	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	97.Y		40 - 110	04/22/20 11:50	05/05/20 19:16	1
3 Carrier	77.4		40 - 110	04/22/20 11:50	05/05/20 19:16	1

Lab Sample ID: LCS 160-468597/1-A
Matrix: Water
Analysis Batch: 469583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468597

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			8.87	7.407		0.931	1.00	0.438	pCi/L	84	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.Y		40 - 110
3 Carrier	89.0		40 - 110

Lab Sample ID: LCSD 160-468597/2-A
Matrix: Water
Analysis Batch: 469583

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468597

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			8.87	8.040		1.02	1.00	0.490	pCi/L	91	75 - 125	0.32	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	84.1		40 - 110
3 Carrier	84.9		40 - 110

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

DWNGRC

Chain of Custody Record

400-186948-5, -6

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Bill Hagendorfer / Colton Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-93951-23629.1
Client Contact: Mr. Mike Markey	Phone: 850-336-0192	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520				
Phone: 850-444-6573(Tel)	PO #: Purchase Order not required			
Email: richard.markey@nexteraenergy.com	WO #:			
Project Name: CCR Plant Crist	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-300	4-18-20	0840	G	Water			X	X	X	X	X	X	3	
MW-303		1355		Water									3	
MW-304		1202		Water									3	
MW-305		1033		Water									3	
MW-308		1210		Water									3	
DUP-03		0933		Water									3	
EB-02		1240		Water									3	
				Water										
				Water										

400-186948 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4-18-20 1420	RDH	B. Hagendorfer	4-18-20 1420	RDH
2	B. Hagendorfer	4-20-20 948	RDH		4/20/20 9:48	TSPer
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No..

Cooler Temperature(s) °C and Other Remarks: 0.0C, 2.3C, 0.0C-IR

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-186948-6
5SG Number: SownDragient C

Login Number: 186948
List Number: 1
Creator: Hinrichsen, Megan E

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
AagioaRticity wavns: R eRheg or iv kd< baRhDroung av meavureg by a vurcey meter=	Nd	
. ' e Rooler:v Ruvtogy vealTif preventTiv intaRt=	. rue	
5ample Ruvtogy vealvTif preventTare intaRt=	Nd	
. ' e Rooler or vamplev go not appear to ' ace been Rompromiveg or tampereg wit' =	. rue	
5amplev were reReiceg on iRe=	. rue	
Cooler . emperature iv aRReptable=	. rue	
Cooler . emperature iv reRorgeg=	. rue	, =2°CT0=8°CT1=3°CT0=2°C IA-7; 0=0 °CT0=0 °CT , =3°C IA 8
COC iv prevent=	. rue	
COC iv filleg out in inh ang leDible=	. rue	
COC iv filleg out wit' all pertinent information=	. rue	
Iv t' e Fielg 5amplersv name prevent on COC?	. rue	
. ' ere are no givRrepanRiev between t' e Rontainerv reReiceg ang t' e COC=	. rue	
5amplev are reReiceg wit' in HolginD . ime (exRuginD tevtv wit' immegiate H. v)	. rue	
5ample Rontainerv ' ace leDible labelv=	. rue	
Containerv are not brohen or leahinD=	. rue	
5ample RolleRtion gatedimev are procigeg=	. rue	
/ ppropriate vample Rontainerv are uveg=	. rue	
5ample bottlev are Rompletely filleg=	. rue	
5ample Prevercation Verifieg=	. rue	
. ' ere iv vuffiRient col=for all requevteg analyvevTinR=any requevteg M5dM5Sv	. rue	
ContainervrequirinD zero ' eagvpaRe ' ace no ' eagvpaRe or bubble iv k6mm (1d4")	Nd	
Multip' aviRvamplev are not prevent=	. rue	
5amplev go not require vplittinD or RompovitinD=	. rue	
Aevigual C' lorine C' eRheg=	Nd	

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-186948-6
5SG Number: SownDragient C

Login Number: 186948
List Number: 2
Creator: Mazariegos, Leonel A

List Source: Eurofins TestAmerica, St. Louis
List Creation: 04/21/20 01:01 PM

Question	Answer	Comment
AagioaRticity wavns: R eRheg or iv kd< baRhDroung av meavureg by a vurcey meter=	. rue	
. ' e Rooler:v Ruvtogy vealTif preventTiv intaRt=	. rue	
5ample Ruvtogy vealvTif preventTare intaRt=	Nd	
. ' e Rooler or vamplev go not appear to ' ace been Rompromiveg or tampereg wit' =	. rue	
5amplev were reReiceg on iRe=	Nd	
Cooler . emperature iv aRReptable=	. rue	
Cooler . emperature iv reRorgeg=	. rue	
COC iv prevent=	. rue	
COC iv filleg out in inh ang leDible=	. rue	
COC iv filleg out wit' all pertinent information=	. rue	
Iv t' e Fielg 5amplersv name prevent on COC?	. rue	
. ' ere are no givRrepanRiev between t' e Rontainerv reReiceg ang t' e COC=	. rue	
5amplev are reReiceg wit' in HolginD . ime (exRuginD tevtv wit' immegiate H. v)	. rue	
5ample Rontainerv ' ace leDible labelv=	. rue	
Containerv are not brohen or leahinD=	. rue	
5ample RolleRtion gatedimev are procigeg=	. rue	
/ ppropriate vample Rontainerv are uveg=	. rue	
5ample bottlev are Rompletely filleg=	. rue	
5ample Prevercation Verifieg=	. rue	
. ' ere iv vuffiRient col=for all requevteg analyvevTinRi=any requevteg M5dM5Sv	. rue	
Containerv requirinD zero ' eagvpaRe ' ace no ' eagvpaRe or bubble iv k6mm (1d4")	. rue	
Multip' aviRvamplev are not prevent=	. rue	
5amplev go not require vplittinD or RompovitinD=	. rue	
Aevigual C' lorine C' eRheg=	Nd	

Accreditation/Certification Summary

Client: Gulf Power Company
Pro3e2tjc ite: CC/ Plant CriSt

Job ID: 400-186948-6
c DG: DownRrasient C

Laboratory: Eurofins TestAmerica, Pensacola

Bll a22resitationSj2ertifi2ationSkels by tkiS laboratory are liStesg d ot all a22resitationSj2ertifi2ationS are appli2able to tkiS reportg

Authority	Program	Identification Number	Expiration Date
Blabama	c tate	401A0	0h-01-. 0
Bd BN	Ic 5 jI7 C 1h0. A	Q 4h1	0. -. E-. E
BriLona	c tate	Bz 0h10	01-1E-. 1
BrZanSaS D7 Q	c tate	88-0689	09-01-. 0
California	c tate	. A10	0h-01-. 0
Florisa	d 7 OBP	781010	06-E0-. 0
GeorRia	c tate	781010(FO)	06-E0-. 0
IllinoiS	d 7 OBP	004A86	10-09-. 0
Iowa	c tate	E6h	08-01-. 0
KanSaS	d 7 OBP	7-10. AE	08-16-. 0
Kentu2Zy (Uc T)	c tate	AE	06-E0-. 0
Kentu2Zy (WW)	c tate	KY980E0	1. -E1-. 0
ObuiSiana	d 7 OBP	E09h6	06-E0-. 0
ObuiSiana (DW)	c tate	OB01h	1. -E1-. 0
Marylans	c tate	. EE	09-E0-. 0
MaSSa2kuSettS	c tate	M-FO094	06-E0-. 0
Mi2kiRan	c tate	991.	06-E0-. 0
MinneSota	d 7 OBP	01. -999-481	1. -E1-. 0
d ew JerSey	d 7 OBP	FO006	06-E0-. 0
d ew YorZ	d 7 OBP	1. 11A	04-01-. 1
d ortk Carolina (WWjc W)	c tate	E14	1. -E1-. 0
5 Zlakoma	c tate	9810-186	08-E1-. 0
PennSylvania	d 7 OBP	68-0046h	01-E1-. 1
/ kose ISlans	c tate	OB5 00E0h	1. -E0-. 0
c outk Carolina	c tate	960. 600.	06-E0-. 0
TenneSSee	c tate	Td 0. 90h	06-E0-. 0
TexaS	d 7 OBP	T104h04. 86	09-E0-. 0
Uc FiSk & Wilslife	Uc Feseral ProRramS	0A8448	0h-E1-. 0
Uc DB	Uc Feseral ProRramS	PEE0-18-00148	0A-1h-. 1
VirRinia	d 7 OBP	460166	06-14-. 0
WaSkinRton	c tate	C91A	0A-1A-. 0
WeSt VirRinia D7 P	c tate	1E6	06-E0-. 0

Accreditation/Certification Summary

Client: Gulf Power Company
Pro3e2tjc ite: CC/ Plant CriSt

Job ID: 400-186948-6
c DG: DownRrasient C

Laboratory: Eurofins TestAmerica, St. Louis

Bll a22resitationSj2ertifi2ationSkels by tkiS laboratory are liStesg d ot all a22resitationSj2ertifi2ationS are appli2able to tkiS reportg

Authority	Program	Identification Number	Expiration Date
BlaSZa (Uc T)	c tate	. 0-001	0A-06-. .
Bd BN	Deptgof DefenSe 7 CBP	Q E0A	0A-14-. 0
Bd BN	Deptgof 7 nerRy	Q E0Ag01	0A-14-. 0
Bd BN	Ic 5 jI7 C 1h0. A	Q E0A	04-06-. .
BriLona	c tate	Bz 081E	1. -08-. 0
California	CoS BnReleS County c anitation DiStri2tS	10. A9	06-E0-. 0
California	c tate	. 886	06-E0-. 0
Conne2ti2ut	c tate	PH-0. 41	0E-E1-. 1
Florisa	d 7 CBP	78h689	06-E0-. 0
HI - / asCkem / e2oRnition	c tate	nja	06-E0-. 0
IllinoiS	d 7 CBP	004AAE	11-E0-. 0
Iowa	c tate	EhE	09-1h-. 0
KanSaS	d 7 CBP	7-10. E6	10-E1-. 0
Kentu2Zy (DW)	c tate	KY901. A	1. -E1-. 0
CouiSiana	d 7 CBP	04080	06-E0-. 0
CouiSiana (DW)	c tate	CB011	1. -E1-. 0
Marylans	c tate	E10	09-E0-. 0
MI - / asCkem / e2oRnition	c tate	900A	06-E0-. 0
MiSSouri	c tate	h80	06-E0-. .
d evasa	c tate	M5 000A4. 0. 0-1	0h-E1-. 0
d ew JerSey	d 7 CBP	M5 00.	06-E0-. 0
d ew YorZ	d 7 CBP	11616	04-01-. 1
d ortk DaZota	c tate	/ -. 0h	06-E0-. 0
d / C	d / C	. 4-. 481h-01	1. -E1-. .
5 Zlakoma	c tate	999h	08-E1-. 0
PennSylvania	d 7 CBP	68-00A40	0. -. 8-. 1
c outk Carolina	c tate	8A00. 001	06-E0-. 0
TexaS	d 7 CBP	T104h0419E-19-1E	0h-E1-. 0
Uc FiSk & Wilslife	Uc Feseral ProRramS	0A8448	0h-E1-. 0
Uc DB	Uc Feseral ProRramS	PEE0-1h-000. 8	0E-11-. E
Utak	d 7 CBP	M5 000A4. 019-11	0h-E1-. 0
VirRinia	d 7 CBP	10E10	06-14-. 0
WaSkinRton	c tate	CA9.	08-E0-. 0
WeSt VirRinia D7 P	c tate	E81	10-E1-. 0

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Memorandum

Date:	4 August 2020
To:	Lane Dorman
From:	Matthew Richardson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverable – Eurofins TestAmerica Job ID 400-186893-1 Revision 1**

SITE: CCR Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of six aqueous samples, one field duplicate sample, and one equipment blank, collected 16 April 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, Pensacola, Florida, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020
- Mercury by US EPA Method 7470A
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C
- Chloride by SM 4500 CL-E
- Fluoride by SM 4500 F C
- Sulfate by SM 4500 SO4 E

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- US EPA National Functional Guidelines for Inorganic Superfund Methods Data Review, January 2017 (EPA 540-R-2017-001).

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-186893-1	MW-100
400-186893-2	MW-101
400-186893-3	MW-107
400-186893-4	MW-108

Laboratory ID	Client ID
400-186893-5	MW-306
400-186893-6	MW-307
400-186893-7	DUP-01
400-186893-8	EB-01

The chain of custody (COC) indicates the samples were received at 3.4°C and 5.7°C within the criteria of 0-6 °C. No preservation issues were noted by the laboratory.

The laboratory report was revised on 27 July 2020 to add laboratory control sample (LCS) data to the sulfate batch 486794. The revised report was identified as 400-186893-1 Revision 1.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020. Mercury was assessed separately, in section 2.0, below

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.1.2 Analysis Anomaly

The laboratory narrative indicated the percent difference (%D) for boron in the continuing calibration verification (CCV) in batch 486628 was outside the method specified acceptance criteria with a high bias. Since boron was either reported from a different analysis batch with acceptable CCV recoveries or not detected above the MDL in the associated samples, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 486339). Metals were not detected in the method blank above the method detection limits (MDLs) with the following exception.

Arsenic was detected at an estimated concentration greater than the MDL and less than the practical quantitation limit (PQL) in the method blank in batch 486531. Therefore, the estimated arsenic concentration in sample DUP-01 was U qualified as not detected at the PQL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
DUP-01	Arsenic	0.00018	I	0.00025	U	3

I-estimated value between the MDL and PQL
*Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

1.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

One equipment blank, EB-01, was collected with the sample set. Metals were not detected in the equipment blank above the MDLs.

1.7 Field Blank

A field blank was not collected with the sample set.

1.8 Field Duplicate

One field duplicate was collected with the sample set, DUP-01. Acceptable precision [relative percent difference (RPD)≤ 30%] was demonstrated between the field duplicate and the original sample, MW-100, with the following exceptions.

The RPD result for boron in the field duplicate pair DUP-01/MW-100 was greater than 30%. Therefore, the boron concentrations in the field duplicate pair DUP-01/MW-100 were J qualified as estimated.

Arsenic was not detected in MW-100 and was detected at an estimated concentration greater than the MDL and less than the PQL in DUP-01, resulting in a noncalculable RPD. Since the estimated arsenic concentration in DUP-01 was U qualified due to method blank concentration and based on professional and technical judgment, no additional qualifications were applied to the data.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-01	Boron	0.011	NA	58	0.011	J	7
MW-100	Boron	0.020	NA		0.020	J	7
DUP-01	Arsenic	0.00018	I	NC*	NA	NA	NA
MW-100	Arsenic	0.000078	U		NA	NA	NA

mg/L-milligram per liter
I-estimated concentration greater than the MDL and less than the PQL
U-not detected at or above the MDL
NA-not applicable
NC-not calculable
*no qualifications, see explanation above

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury by US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 486544). Mercury was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery result was within the laboratory specified acceptance criteria.

2.6 Equipment Blank

One equipment blank, EB-01, was collected with the sample set. Mercury was not detected in the equipment blank above the MDL.

2.7 Field Blank

A field blank was not collected with the sample set.

2.8 Field Duplicate

One field duplicate was collected with the sample set, DUP-01. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, MW-100.

2.9 Sensitivity

The samples were reported to the MDL. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

3.0 WET CHEMISTRY

The samples were analyzed for chloride by SM 4500 Cl-E, fluoride by SM 4500 F C, sulfate by SM 4500 SO4 E and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Laboratory Duplicate
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to

the total number of analytical results requested on samples submitted for these analyses, for this data set is 100%.

3.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for each analysis and batch (TDS batches 486565 and 486569; chloride batches 486873 and 487120; sulfate batches 486794 and 486829 and fluoride batch 486995) The wet chemistry parameters were not detected in the method blanks above the MDLs with the following exception.

Fluoride was detected at an estimated concentration greater than the MDL and less than the PQL in the method blank in batch 486995. Since fluoride was not detected in the associated samples, no qualifications were applied to the data.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

Sample set specific MS/MSD pairs were reported for fluoride and chloride using sample MW-100. The recovery and RPD results were within the laboratory specified acceptance criteria.

One sample specific MS/MSD pair was reported for sulfate using sample MW-107. The recovery and RPD results were within the laboratory specified acceptance criteria

Batch MS/MSD pairs were also reported for chloride, fluoride, and sulfate. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

The laboratory also analyzed method reporting limit (MRL) standards for chloride and sulfate. The MRL recoveries were within the laboratory specified acceptance criteria

3.6 Laboratory Duplicate

Three batch laboratory duplicates were reported for TDS. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.7 Equipment Blank

One equipment blank, EB-01, was collected with the sample set. The wet chemistry parameters were not detected in the equipment blank above the MDLs.

3.8 Field Blank

A field blank was not collected with the sample set.

3.9 Field Duplicate

One field duplicate was collected with the sample set, DUP-01. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, MW-100.

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

engineers | scientists | innovators

Geosyntec consultants

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Memorandum

Date:	June 17, 2020
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverable – Eurofins TestAmerica Job ID 400-186893-2**

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of six water samples, one field duplicate and one equipment blank, collected April 16, 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, St Louis, MO, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Combined Radium 226 + 228 by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- American Nuclear Society Verification and Validation of Radiological Data for Use in Management and Environmental Remediation, ANSI/ANS-41.5-2012, February 15, 2012.

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-186893-1	MW-100
400-186893-2	MW-101
400-186893-3	MW-107
400-186893-4	MW-108

Laboratory ID	Client ID
400-186893-5	MW-306
400-186893-6	MW-307
400-186893-7	DUP-01
400-186893-8	EB-01

No preservation issues were noted by the laboratory.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and combined radium 226+228 by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
⊗ Equipment Blank
✓ Field Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data package are considered usable for meeting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this sample set is 100%.

1.2 Holding Times

The holding time for the radiochemistry analyses of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for radium-226 (batch 468574) and radium-228 (batch 468579). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS/LCS duplicate (LCSD) pair was reported for radium-226 and one LCS/LCSD pair was reported for radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

Laboratory duplicates were not reported.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Equipment Blank

One equipment blank was collected with the sample set, EB-01. The radiochemistry parameters were not detected in the equipment blank above the MDCs, with the following exception.

Radium-228 (0.412 pCi/L) was detected in EB-01 at a concentration greater than the MDC. Therefore, the radium-228 and combined radium 226 + 228 concentrations in samples MW-100, MW-108 and DUP-01 were J+ qualified as estimated with high biases.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
MW-100	Radium-228	0.635	NA	0.635	J+	3
MW-100	Combined Radium 226 + 228	0.971	NA	0.971	J+	3
MW-108	Radium-228	1.07	NA	1.07	J+	3
MW-108	Combined Radium 226 + 228	1.35	NA	1.35	J+	3
DUP-01	Radium-228	0.631	NA	0.631	J+	3
DUP-01	Combined Radium 226 + 228	0.909	NA	0.909	J+	3

pCi/L-picocuries per liter
NA-not applicable
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.9 Field Blank

A field blank was not collected with the sample set.

1.10 Field Duplicate

One field duplicate was reported with the sample set, DUP-01. Acceptable precision (RER ≤ 3) was demonstrated between the field duplicate and the original sample, MW-100.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

1.12 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

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Memorandum

Date:	August 4, 2020
To:	Lane Dorman
From:	Matthew Richardson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverable – Eurofins TestAmerica Job IDs 400-186948-1 Revision 1, 400-186948-3 Revision 1, 400-186948-5 Revision 1, 400-186948-7 Revision 1 and 400-186948-9**

SITE: CCR Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen aqueous samples, three field blanks, two equipment blanks and two field duplicate samples, collected 17-18 April 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, Pensacola, Florida, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020
- Mercury by US EPA Method 7470A
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C
- Chloride by SM 4500 CL-E
- Fluoride by SM 4500 F C
- Sulfate by SM 4500 SO4 E

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- US EPA National Functional Guidelines for Inorganic Superfund Methods Data Review, January 2017 (EPA 540-R-2017-001).

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-186948-1	MW-102
400-186948-2	MW-103
400-186948-3	MW-104
400-186948-4	MW-105
400-186948-5	MW-106
400-186948-6	MW-109
400-186948-7	MW-110
400-186948-8	FB-02
400-186948-9	MW-202
400-186948-10	MW-203
400-186948-11	MW-204
400-186948-12	MW-205
400-186948-13	DUP-02

Laboratory ID	Client ID
400-186948-14	FB-01
400-186948-15	MW-300
400-186948-16	MW-303
400-186948-17	MW-304
400-186948-18	MW-305
400-186948-19	MW-308
400-186948-20	DUP-03
400-186948-21	EB-02
400-186948-22	MW-200
400-186948-23	EB-03
400-186948-24	MW-206
400-186948-25	FB-03

The chain of custody (COC) indicates the samples were received between 0.0°C-2.5°C within the criteria of 0-6ºC. No preservation issues were noted by the laboratory.

The relinquished signature for the initial sample transfer was not documented on the COC for laboratory report 400-186948-5.

Incorrect error corrections were observed on the COC for laboratory reports 400-186948-1 and 400-186948-9, instead of the proper procedure of a single strike through, correction and initials and date of person making the corrections.

Laboratory reports 400-186948-3, 400-186948-5 and 400-186948-7 were revised on 9 July 2020 to include the fluoride method blank in analysis batch 487045 and to include the QC data for analysis batch 486569. The revised reports were identified as 400-186948-3 Revision 1, 400-186948-5 Revision 1 and 400-186948-7 Revision 1.

Laboratory report 400-186948-1 was revised on 9 July 2020 to remove the QC data for analysis batch 487247 and to include the QC data for analysis batch 486569 and the fluoride method blank in analysis batch 487045. The revised report was identified as 400-186948-1 Revision 1.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020. Mercury was assessed separately, in section 2.0, below

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Field Blank
⊗ Equipment Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in the data sets are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data sets are 100%.

1.1.2 Analysis Anomaly

The laboratory narrative indicated the percent difference (%D) for calcium in the continuing calibration verification (CCV) in batch 486886 was outside the method specified acceptance criteria with a high bias. Since calcium was not detected in the associated samples, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Three method blanks were reported (batches 486354, 486492 and 486531). Metals were not detected in the method blanks above the method detection limits (MDLs) with the following exception.

Cadmium was detected at an estimated concentration greater than the MDL and less than the practical quantitation limit (PQL) in the method blank in batch 486531. Therefore, the estimated cadmium concentrations in samples EB-02, MW-206, DUP-03 and MW-308 were U qualified as not detected at the PQL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
EB-02	Cadmium	0.00012	I,V	0.00050	U	3
MW-206	Cadmium	0.00029	I,V	0.00050	U	3
DUP-03	Cadmium	0.000069	I,V	0.00050	U	3
MW-308	Cadmium	0.000089	I,V	0.00050	U	3

mg/L-milligram per liter
I-laboratory flag indicating the reported value is between the laboratory MDL and the laboratory PQL
V-laboratory flag indicating the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value
*Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported, using sample MW-308. The recoveries and relative percent differences (RPDs) were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of boron in the MS/MSD pair using sample MW-308 were high and outside the laboratory specified acceptance criteria. Since the concentration of boron in the parent sample was greater than four times the spike concentration, no qualification was applied to the boron result, based on technical and professional judgment.

Two batch MS/MSD pairs were also reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Three LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Field Blank

Three field blanks, FB-01, FB-02 and FB-03, were collected with the sample set. Metals were not detected in the field blanks above the MDLs, with the following exceptions.

Arsenic was detected at an estimated concentration greater the MDL and less than the PQL in FB-01. Therefore, the estimated arsenic concentrations in the associated samples were U qualified as not detected at the PQL.

Boron was detected at concentrations greater than the PQL in FB-01 (0.014 mg/L) and FB-02 (0.018 mg/L). Therefore, the boron concentrations in the associated samples greater than field blank concentration and less than ten times the field blank concentration were J+ qualified as estimated with high biases and the boron concentration greater than the PQL and less than the field blank concentration was U qualified as not detected at the sample concentration.

Barium was detected at an estimated concentration greater the MDL and less than the PQL in FB-03. Since barium was detected at concentrations greater than the PQL in the associated samples, no qualifications were applied to the barium data.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-203	Arsenic	0.000083	I	0.00025	U	3
MW-205	Arsenic	0.00015	I	0.00025	U	3
MW-110	Arsenic	0.00012	I	0.00025	U	3
MW-102	Boron	0.012	NA	0.012	U	3
MW-106	Boron	0.070	NA	0.070	J+	3
DUP-03	Boron	0.021	NA	0.021	J+	3
MW-305	Boron	0.016	NA	0.016	J+	3
MW-300	Boron	0.027	NA	0.027	J+	3

mg/L-milligram per liter
I-laboratory flag indicating the reported value is between the laboratory MDL and the laboratory PQL
NA-not applicable

1.7 Equipment Blank

Two equipment blanks, EB-02 and EB-03, were collected with the sample set. Metals were not detected in the equipment blanks above the MDLs, with the following exceptions.

Arsenic, barium, cadmium and chromium were detected at estimated concentrations greater than the MDLs and less than the PQLs in EB-02. Since barium and chromium were either not detected or detected above the PQLs in the associated samples, no qualifications were applied to the barium and chromium data. Also, since the estimated arsenic and cadmium concentrations in the associated samples were qualified due to field blank contamination and method blank contamination; respectively, no additional qualifications were applied to the arsenic and cadmium data.

Arsenic and barium were detected at estimated concentrations greater than the MDLs and less than the PQLs in EB-03. Since barium was detected at concentrations greater than the PQL in the associated samples and the estimated arsenic concentrations were qualified due to field blank contamination, no additional qualifications were applied to the arsenic and barium data.

1.8 Field Duplicate

Two field duplicates were collected with the sample set, DUP-02 and DUP-03. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicates and the original samples, MW-203 and MW-305, respectively, with the following exceptions.

Arsenic and lithium were detected at concentrations greater than the MDLs in sample MW-305 and not detected above the MDLs in field duplicate sample, DUP-03, resulting in noncalculable RPDs. Therefore, the arsenic and lithium concentrations in sample MW-305 were J qualified as estimated and the non-detect arsenic and lithium results in field duplicate sample DUP-03 were UJ qualified as estimated less than the MDLs.

Beryllium was detected at a concentration greater than the MDL and less than the PQL in field duplicate sample DUP-03 and not detected above the MDL in sample, MW-305, resulting in a noncalculable RPD. Therefore, the beryllium concentration in DUP-03 was J qualified as estimated and the non-detect beryllium result in MW-305 was UJ qualified as estimated less than the MDL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-03	Arsenic	0.000078	U	NC	0.000078	UJ	7
MW-305	Arsenic	0.00042	NA		0.00042	J	7
DUP-03	Beryllium	0.000036	I	NC	0.000036	J	7
MW-305	Beryllium	0.000034	U		0.000034	UJ	7
DUP-03	Lithium	0.00038	U	NC	0.00038	UJ	7
MW-305	Lithium	0.00047	I		0.00047	J	7

mg/L-milligram per liter
U-not detected at the MDL
NA-not applicable

NC-not calculable
I-laboratory flag indicating the reported value is between the laboratory MDL and the laboratory PQL

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

2.0 MERCURY

The samples were analyzed for mercury by US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in the data sets are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data sets are 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported (batches 487398 and 487403). Mercury was not detected in the method blanks above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample specific MS/MSD pair was reported using sample MW-303. The recovery and RPD results were within the laboratory specified acceptance criteria.

One batch MS/MSD pair was also reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

2.6 Equipment Blank

Two equipment blanks, EB-02 and EB-03, were collected with the sample set. Mercury was not detected in the equipment blanks above the MDL.

2.7 Field Blank

Three field blanks, FB-01, FB-02 and FB-03, were collected with the sample set. Mercury was not detected in the field blanks above the MDL.

2.8 Field Duplicate

Two field duplicates were collected with the sample set, DUP-02 and DUP-03. Acceptable precision (RPD $\leq$ 30%) was demonstrated between the field duplicates and the original samples, MW-203 and MW-305, respectively.

2.9 Sensitivity

The samples were reported to the MDL. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDDs.

3.0 WET CHEMISTRY

The samples were analyzed for chloride by SM 4500 Cl-E, fluoride by SM 4500 F C, sulfate by SM 4500 SO4 E and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
⊗ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Laboratory Duplicate
✓ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in the data sets are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for these analyses, for this data sets are 100%.

3.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for each analysis and batch (TDS batches 486847 and 486569, chloride batches 487142, 487120 and 486873 sulfate batches 486829 and 486843, fluoride batches 486995, 487045 and 487053) The wet chemistry parameters were not detected in the method blanks above the MDLs, with the following exception.

Fluoride was detected at estimated concentrations greater than the MDL and less than the PQL in the method blanks. Therefore, the estimated fluoride concentrations in samples MW-110, MW-105 and MW-205 were U qualified as not detected at the PQL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-110	Fluoride	0.040	I,V	0.10	U	3
MW-105	Fluoride	0.040	I,V	0.10	U	3
MW-205	Fluoride	0.040	I,V	0.10	U	3

mg/L-milligram per liter
I-laboratory flag indicating the reported value is between the laboratory MDL and the laboratory PQL
V-laboratory flag indicating the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

Two sample set specific MS/MSD pairs were reported for fluoride using samples MW-104 and DUP-02. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exception.

The MSD recovery for fluoride in the MS/MSD pair using sample MW-104 was low and outside the laboratory specified acceptance criteria. Therefore, the fluoride concentration in MW-104 was J- qualified as estimated with a low bias.

Two sample specific MS/MSD pairs were reported for chloride using samples DUP-03 and MW-203. The recovery and RPD results were within the laboratory specified acceptance criteria.

Three sample specific MS/MSD pairs were reported for sulfate using samples FB-03, MW-300 and MW-106. The recovery and RPD results were within the laboratory specified acceptance criteria

Batch MS/MSD pairs were also reported for chloride, fluoride and sulfate. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-104	Fluoride	0.30	V	0.30	J-	4

mg/L-milligram per liter
V-laboratory flag indicating the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

The laboratory also analyzed method reporting limit (MRL) standards for chloride and sulfate. The MRL recoveries were within the laboratory specified acceptance criteria

3.6 Laboratory Duplicate

Two sample set specific laboratory duplicates were reported for TDS using samples MW-105 and MW-205. The RPD result for the laboratory duplicate using MW-205 was within the laboratory specified acceptance criteria.

The RPD result for the laboratory duplicate using MW-105 was high and outside the laboratory specified acceptance criteria. Therefore, the TDS concentration in MW-105 was J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-105	TDS	180	NA	180	J	12

mg/L-milligram per liter
NA-not applicable

Batch laboratory duplicates were also reported for TDS. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.7 Equipment Blank

Two equipment blanks, EB-02 and EB-03, were collected with the sample set. The wet chemistry parameters were not detected in the equipment blanks above the MDLs.

3.8 Field Blank

Three field blanks, FB-01, FB-02 and FB-03, were collected with the sample set. The wet chemistry parameters were not detected in the field blanks above the MDLs.

3.9 Field Duplicate

Two field duplicates were collected with the sample set, DUP-02 and DUP-03. Acceptable precision (RPD≤30%) was demonstrated between the field duplicates and the original samples, MW-203 and MW-305, respectively, with the following exception.

The RPD results for TDS in the field duplicate pairs were greater than 30%. Therefore, the TDS concentrations in the field duplicate pairs were J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-02	Total Dissolved Solids	48	NA	70	48	J	7
MW-203	Total Dissolved Solids	100	NA		100	J	7
DUP-03	Total Dissolved Solids	110	NA	101	110	J	7
MW-305	Total Dissolved Solids	36	NA		36	J	7

mg/L-milligram per liter
NA-not applicable

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

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Memorandum

Date:	June 17, 2020
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverable – Eurofins TestAmerica Job IDs 400-186948-2, 400-186948-4, 400-186948-6, 400-186948-8 and 400-186948-10**

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen water samples, two field duplicates, two equipment blanks and three field blanks collected April 17-18, 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, St Louis, MO, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Combined Radium 226 + 228 by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- American Nuclear Society Verification and Validation of Radiological Data for Use in Management and Environmental Remediation, ANSI/ANS-41.5-2012, February 15, 2012.

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-186948-1	MW-102
400-186948-2	MW-103
400-186948-3	MW-104
400-186948-4	MW-105
400-186948-5	MW-106
400-186948-6	MW-109
400-186948-7	MW-110
400-186948-8	FB-02
400-186948-9	MW-202
400-186948-10	MW-203
400-186948-11	MW-204
400-186948-12	MW-205
400-186948-13	DUP-02

Laboratory ID	Client ID
400-186948-14	FB-01
400-186948-15	MW-300
400-186948-16	MW-303
400-186948-17	MW-304
400-186948-18	MW-305
400-186948-19	MW-308
400-186948-20	DUP-03
400-186948-21	EB-02
400-186948-22	MW-200
400-186948-23	EB-03
400-186948-24	MW-206
400-186948-25	FB-03

No preservation issues were noted by the laboratory.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and combined radium 226+228 by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
✓ Equipment Blank
✓ Field Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The radium-226 and radium-228 data reported in these data packages are considered usable for meeting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this sample set is 100%.

1.2 Holding Times

The holding time for the radiochemistry analyses of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for radium-226 (batches 468595 and 468574) and radium-228 (batches 468597 and 468579). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCS/LCS duplicate (LCSD) pairs were reported for radium-226 and two LCS/LCSD pairs were reported for radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

Laboratory duplicates were not reported.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Equipment Blank

Two equipment blanks were collected with the sample set, EB-02 and EB-03. The radiochemistry parameters were not detected in the equipment blanks above the MDCs.

1.9 Field Blank

Three field blanks were collected with the sample set, FB-01, FB-02 and FB-03. The radiochemistry parameters were not detected in the field blanks above the MDCs.

1.10 Field Duplicate

Two field duplicates were reported with the sample set, DUP-02 and DUP-03. Acceptable precision (RER $\leq$ 3) was demonstrated between the field duplicates and the original samples, MW-203 and MW-305, respectively.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

1.12 Electronic Data Deliverables (EDDs) Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

Product Name: Low-Flow System

Date: 2020-10-07 13:54:47

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	121 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	104 ft

Well Information:		Pumping Information:	
Well ID	MW-100	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7600741 L
Well Total Depth	119 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.36 in
Depth to Water	90.02 ft	Total Volume Pumped	12 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	13:33:37	600.02	22.46	4.72	45.07	2.02	90.05	8.13	302.66
Last 5	13:38:37	900.02	22.25	4.73	44.78	1.94	90.05	8.18	296.90
Last 5	13:43:37	1200.02	22.00	4.74	44.85	1.89	90.05	8.23	292.82
Last 5	13:48:38	1501.02	22.05	4.75	44.94	1.85	90.05	8.25	290.79
Last 5	13:53:38	1801.02	21.91	4.74	44.81	1.85	90.05	8.20	288.62
Variance 0			-0.26	0.00	0.07			0.05	-4.09
Variance 1			0.05	0.01	0.09			0.02	-2.02
Variance 2			-0.14	-0.00	-0.13			-0.05	-2.18

Notes

Sample time @ 1400. Sunny 93.

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-03 10:03:45

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	CCR Background	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	123 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	113 ft

Well Information:		Pumping Information:	
Well ID	MW-101	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7690011 L
Well Total Depth	118 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.04 in
Depth to Water	95.46 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	09:41:34	300.09	24.19	5.07	27.85	0.78	95.50	9.07	246.44
Last 5	09:46:34	600.03	25.24	5.10	27.91	0.54	95.50	8.92	233.15
Last 5	09:51:34	900.03	25.28	5.08	27.90	0.40	95.50	8.92	226.43
Last 5	09:56:34	1200.03	25.34	5.08	27.79	0.35	95.50	8.97	221.29
Last 5	10:01:34	1500.03	25.37	5.08	27.79	0.28	95.50	8.99	219.46
Variance 0			0.04	-0.02	-0.00			-0.00	-6.72
Variance 1			0.06	0.00	-0.11			0.05	-5.14
Variance 2			0.03	-0.01	0.00			0.01	-1.83

Notes

Sample @1003, Sunny 75

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-07 12:13:35

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	126 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	119 ft

Well Information:		Pumping Information:	
Well ID	MW-107	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7823914 L
Well Total Depth	124 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.24 in
Depth to Water	101.33 ft	Total Volume Pumped	14 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	11:48:32	900.02	21.90	4.90	29.73	3.10	101.35	8.60	304.49
Last 5	11:53:32	1200.02	21.95	4.89	29.77	2.94	101.35	8.59	304.65
Last 5	11:58:32	1500.02	21.91	4.89	29.63	1.60	101.35	8.51	304.46
Last 5	12:03:32	1800.02	21.94	4.89	29.71	1.22	101.35	8.53	303.93
Last 5	12:08:32	2100.02	21.90	4.91	29.51	0.89	101.35	8.43	302.13
Variance 0			-0.04	-0.01	-0.14			-0.08	-0.20
Variance 1			0.03	0.00	0.08			0.02	-0.52
Variance 2			-0.04	0.02	-0.20			-0.10	-1.80

Notes

Sample time @ 1212. Sunny 90. DUP-01@ fake time 1112.

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-07 11:04:36

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	105 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	92.9 ft

Well Information:		Pumping Information:	
Well ID	MW-108	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.6886594 L
Well Total Depth	97.9 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.6 in
Depth to Water	69.37 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	10:29:26	300.09	21.11	4.80	36.24	0.58	69.42	7.92	306.93
Last 5	10:34:26	600.02	20.87	4.80	35.77	0.83	69.42	7.97	313.91
Last 5	10:39:26	900.02	20.84	4.79	37.30	1.05	69.42	8.10	316.25
Last 5	10:44:26	1200.02	20.77	4.80	38.31	1.10	69.42	8.12	316.23
Last 5	10:49:26	1500.02	20.79	4.80	39.04	1.14	69.42	8.15	316.30
Variance 0			-0.04	-0.00	1.53			0.13	2.34
Variance 1			-0.06	0.00	1.00			0.02	-0.01
Variance 2			0.02	0.01	0.73			0.03	0.06

Notes

Sample time @ 1055. Sunny 89.

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-03 11:01:11

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	CCR Background	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	95 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	88 ft

Well Information:		Pumping Information:	
Well ID	MW-306	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.6440251 L
Well Total Depth	93 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.07 in
Depth to Water	55.81 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	10:40:12	300.03	23.34	5.14	35.98	1.68	55.88	8.53	220.27
Last 5	10:45:12	600.03	23.74	5.13	34.84	1.22	55.88	8.52	221.10
Last 5	10:50:12	900.02	23.96	5.13	34.57	1.16	55.88	8.50	221.90
Last 5	10:55:12	1200.03	24.04	5.13	34.42	1.36	55.88	8.50	222.13
Last 5	11:00:12	1500.02	24.10	5.13	34.38	1.29	55.88	8.51	222.11
Variance 0			0.23	-0.01	-0.26			-0.02	0.80
Variance 1			0.08	0.00	-0.16			-0.00	0.23
Variance 2			0.06	0.01	-0.04			0.00	-0.03

Notes

Sample@1100, Sunny 87

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-03 12:28:35

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	CCR Background	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	125 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	118 ft

Well Information:		Pumping Information:	
Well ID	MW-307	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7779279 L
Well Total Depth	123 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.02 in
Depth to Water	90.32 ft	Total Volume Pumped	22 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	12:07:46	2400.02	25.05	5.48	32.14	1.22	90.34	6.05	181.75
Last 5	12:12:46	2700.02	25.06	5.47	32.15	1.11	90.34	6.14	182.60
Last 5	12:17:46	3000.03	25.10	5.47	32.07	1.18	90.34	6.27	183.49
Last 5	12:22:46	3300.03	25.04	5.48	32.09	1.09	90.34	6.34	184.00
Last 5	12:27:46	3600.02	25.03	5.50	32.05	1.03	90.34	6.37	185.32
Variance 0			0.05	0.01	-0.09			0.13	0.88
Variance 1			-0.07	0.00	0.02			0.07	0.52
Variance 2			-0.00	0.02	-0.04			0.03	1.32

Notes

Sample @1228, Sunny 89

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-09 08:57:23

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	80 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	73 ft

Well Information:		Pumping Information:	
Well ID	MW-300	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5770739 L
Well Total Depth	78 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.48 in
Depth to Water	56.46 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	08:33:53	300.05	19.58	4.53	39.01	0.72	56.50	5.82	197.96
Last 5	08:38:53	600.03	19.41	4.57	38.76	0.60	56.50	5.74	192.87
Last 5	08:43:53	900.03	19.41	4.58	41.33	0.46	56.50	6.07	189.60
Last 5	08:48:53	1200.03	19.46	4.60	41.29	0.42	56.50	6.10	185.89
Last 5	08:53:53	1500.03	19.46	4.60	41.16	0.40	56.50	6.08	184.27
Variance 0			0.00	0.01	2.58			0.33	-3.26
Variance 1			0.05	0.02	-0.04			0.03	-3.72
Variance 2			-0.00	0.00	-0.13			-0.03	-1.61

Notes

Sample time @ 0900. Cloudy 83. EB-02@ 0815.

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-08 14:30:52

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	65 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	58 ft

Well Information:		Pumping Information:	
Well ID	MW-303	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5101225 L
Well Total Depth	63 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.24 in
Depth to Water	32.94 ft	Total Volume Pumped	20 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	14:05:16	1800.03	22.55	6.73	1290.80	3.25	32.96	1.85	116.81
Last 5	14:10:16	2100.03	22.54	6.72	1268.83	2.67	32.96	1.86	114.96
Last 5	14:15:16	2400.03	22.57	6.70	1256.25	2.23	32.96	1.79	110.87
Last 5	14:20:16	2700.03	22.49	6.69	1253.16	1.96	32.96	1.77	107.14
Last 5	14:25:16	3000.03	22.40	6.68	1240.75	1.88	32.96	1.76	104.96
Variance 0			0.04	-0.02	-12.58			-0.06	-4.09
Variance 1			-0.09	-0.01	-3.08			-0.02	-3.73
Variance 2			-0.09	-0.01	-12.42			-0.01	-2.18

Notes

Sample time @ 1435. PC 85.

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-05 07:36:35

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	Crist CCR LF-2	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	55 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	48 ft

Well Information:		Pumping Information:	
Well ID	MW-304	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.4654883 L
Well Total Depth	53 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.02 in
Depth to Water	32.09 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	07:14:43	300.04	25.69	6.47	729.60	7.98	32.11	0.75	101.28
Last 5	07:19:43	600.03	25.99	6.48	741.68	5.88	32.11	0.71	103.41
Last 5	07:24:43	900.03	26.09	6.49	751.53	7.13	32.11	0.68	105.67
Last 5	07:29:43	1200.03	26.17	6.49	757.47	5.12	32.11	0.65	107.62
Last 5	07:34:43	1500.03	26.22	6.49	766.19	4.11	32.11	0.64	110.10
Variance 0			0.10	0.01	9.84			-0.03	2.26
Variance 1			0.08	0.00	5.94			-0.03	1.95
Variance 2			0.05	0.00	8.72			-0.01	2.48

Notes

Sample@0736, Sunny 73

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-05 08:46:18

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	Crist CCR LF-2	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	75 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	68 ft

Well Information:		Pumping Information:	
Well ID	MW-305	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5547567 L
Well Total Depth	73 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.01 in
Depth to Water	47.29 ft	Total Volume Pumped	16 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	08:24:55	1200.02	23.77	4.98	36.24	1.72	47.30	6.78	123.30
Last 5	08:29:55	1500.02	23.79	4.97	36.19	1.66	47.30	6.78	131.66
Last 5	08:34:55	1800.02	23.79	4.95	36.28	1.70	47.30	6.79	136.68
Last 5	08:39:55	2100.02	23.82	4.94	36.57	1.79	47.30	6.78	142.07
Last 5	08:44:55	2400.02	23.84	4.93	37.21	1.59	47.30	6.79	145.25
Variance 0			0.01	-0.02	0.10			0.00	5.01
Variance 1			0.03	-0.02	0.28			-0.00	5.39
Variance 2			0.02	-0.00	0.64			0.01	3.19

Notes

Sample@0845,DUP-03@0745,FB-02@0840, Cloudy 76

Grab Samples

Product Name: Low-Flow System

Date: 2020-10-08 12:50:37

Project Information:		Pump Information:	
Operator Name	Philip Evans	Pump Model/Type	BP
Company Name	RDH Environmental	Tubing Type	PE
Project Name	Crist plant CCR	Tubing Diameter	.17 in
Site Name	Crist Plant	Tubing Length	65 ft
Latitude	0º 0' 0"		
Longitude	0º 0' 0"		
Sonde SN	417744		
Turbidity Make/Model	HACH 2100Q	Pump placement from TOC	58 ft

Well Information:		Pumping Information:	
Well ID	MW-308	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5101225 L
Well Total Depth	63 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.36 in
Depth to Water	31.00 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	12:29:25	300.03	22.80	5.68	532.40	2.05	31.03	5.58	178.73
Last 5	12:34:25	600.02	22.62	5.76	520.95	1.82	31.03	5.55	162.79
Last 5	12:39:25	900.03	22.42	5.82	516.29	1.54	31.03	5.53	155.85
Last 5	12:44:25	1200.03	22.58	5.78	512.20	1.36	31.03	5.42	153.35
Last 5	12:49:25	1500.03	22.56	5.78	510.33	1.35	31.03	5.42	151.27
Variance 0			-0.21	0.06	-4.66			-0.02	-6.94
Variance 1			0.16	-0.04	-4.09			-0.11	-2.50
Variance 2			-0.02	0.00	-1.87			-0.00	-2.08

Notes

Sample time @ 1255. PC 85.

Grab Samples

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-194111-1
Laboratory Sample Delivery Group: Background A
Client Project/Site: CCR Plant Crist
Revision: 1

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Authorized for release by:
1/8/2021 3:05:40 PM
Isabel Enfinger, Project Mgmt. Assistant
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Designee for

Cheyenne Whitmire, Project Manager II
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LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-194111-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-194111-1

Metals

Method 6020: The method blank for preparation batch 400-506024 and analytical batch 400-506443 contained Beryllium, Dissolved above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020: The method blank for preparation batch 400-506024 and analytical batch 400-506715 contained Arsenic above the method detection limit. This target analyte concentration was less than the practical quantitation limit (PQL); therefore, re-extraction and_or re-analysis of samples was not performed.

Method 7470A: The method blank for preparation batch 400-506274 and analytical batch 400-506328contained Mercury above the method detection limit. This target analyte concentration was less than the practical quantitation limit (PQL); therefore, re-extraction and_or re-analysis of samples was not performed.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-100 — Lab Sample ID: 400-194111-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.020		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Beryllium	0.0014	I V	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Calcium	0.93		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00060	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0054	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	30		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.6		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.74				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 400-194111-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00056	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.0088		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Beryllium	0.0014	I V	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Calcium	0.47		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0046		0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.0052	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	24		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.9		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.08				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 400-194111-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Beryllium	0.0015	I V	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Calcium	0.43		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0010	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.0054	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Mercury	0.00025	V	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	20		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.91				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 400-194111-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.011		0.0025	0.00070	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Client Sample ID: MW-108 (Continued) — Lab Sample ID: 400-194111-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.0015	I V	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Calcium	1.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0015	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.0048	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Mercury	0.00013	I V	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	26		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	4.0	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.8				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-306 — Lab Sample ID: 400-194111-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00064	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.013		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Beryllium	0.0014	I V	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Calcium	0.63		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0033		0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.0050	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Mercury	0.000080	I V	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	16		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.13				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-307 — Lab Sample ID: 400-194111-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.016		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Beryllium	0.0014	I V	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Calcium	0.67		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0017	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.0049	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	12		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.50				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 400-194111-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.013		0.0025	0.00070	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-01 (Continued)

Lab Sample ID: 400-194111-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.0015	I V	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Calcium	0.42		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.0049	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	10		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.91				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
SM 4500 Cl- E	Chloride, Total	SM	TAL PEN
SM 4500 F C	Fluoride	SM	TAL PEN
SM 4500 SO4 E	Sulfate, Total	SM	TAL PEN
Field Sampling	Field Sampling	EPA	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-194111-1	MW-100	Water	10/07/20 14:00	10/07/20 14:45	
400-194111-2	MW-101	Water	10/07/20 10:03	10/07/20 14:45	
400-194111-3	MW-107	Water	10/07/20 12:12	10/07/20 14:45	
400-194111-4	MW-108	Water	10/07/20 10:55	10/07/20 14:45	
400-194111-5	MW-306	Water	10/07/20 11:00	10/07/20 14:45	
400-194111-6	MW-307	Water	10/07/20 12:28	10/07/20 14:45	
400-194111-7	DUP-01	Water	10/07/20 11:12	10/07/20 14:45	

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-100
Date Collected: 10/07/20 14:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-1
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 18:43	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		10/08/20 12:08	10/09/20 18:43	5
Barium	**0.020**		0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 18:43	5
Beryllium	**0.0014**	**I V**	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 18:43	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 20:36	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 18:43	5
Calcium	**0.93**		0.25	0.13	mg/L		10/08/20 12:08	10/09/20 18:43	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 18:43	5
Cobalt	**0.00060**	**I**	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 18:43	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 18:43	5
Lithium	**0.0054**	**V**	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 18:43	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 18:43	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 18:43	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 18:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/09/20 16:17	10/09/20 20:55	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**30**		5.0	5.0	mg/L			10/13/20 19:33	1
Chloride	**6.6**		2.0	1.4	mg/L			10/15/20 11:01	1
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 12:21	1
Sulfate	1.4	U	5.0	1.4	mg/L			10/15/20 14:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.74**				SU			10/07/20 14:00	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-101
Date Collected: 10/07/20 10:03
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-2
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 19:02	5
Arsenic	**0.00056**	**I**	0.0013	0.00039	mg/L		10/08/20 12:08	10/09/20 19:02	5
Barium	**0.0088**		0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 19:02	5
Beryllium	**0.0014**	**I V**	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 19:02	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 20:48	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 19:02	5
Calcium	**0.47**		0.25	0.13	mg/L		10/08/20 12:08	10/09/20 19:02	5
Chromium	**0.0046**		0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 19:02	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 19:02	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 19:02	5
Lithium	**0.0052**	**V**	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 19:02	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 19:02	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 19:02	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 19:02	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/09/20 16:17	10/09/20 20:57	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**24**		5.0	5.0	mg/L			10/13/20 19:33	1
Chloride	**5.9**		2.0	1.4	mg/L			10/15/20 11:01	1
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 12:23	1
Sulfate	1.4	U	5.0	1.4	mg/L			10/15/20 14:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.08**				SU			10/07/20 10:03	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-107
Date Collected: 10/07/20 12:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-3
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 19:06	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		10/08/20 12:08	10/09/20 19:06	5
Barium	**0.012**		0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 19:06	5
Beryllium	**0.0015**	**I V**	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 19:06	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 20:52	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 19:06	5
Calcium	**0.43**		0.25	0.13	mg/L		10/08/20 12:08	10/09/20 19:06	5
Chromium	**0.0010**	**I**	0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 19:06	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 19:06	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 19:06	5
Lithium	**0.0054**	**V**	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 19:06	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 19:06	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 19:06	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 19:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00025**	**V**	0.00020	0.000070	mg/L		10/09/20 16:17	10/09/20 20:59	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**20**		5.0	5.0	mg/L			10/13/20 19:33	1
Chloride	**5.7**		2.0	1.4	mg/L			10/15/20 11:01	1
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 12:27	1
Sulfate	1.4	U	5.0	1.4	mg/L			10/15/20 14:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.91**				SU			10/07/20 12:12	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-108
Date Collected: 10/07/20 10:55
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-4
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 19:10	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		10/08/20 12:08	10/09/20 19:10	5
Barium	**0.011**		0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 19:10	5
Beryllium	**0.0015**	**I V**	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 19:10	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 20:55	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 19:10	5
Calcium	**1.6**		0.25	0.13	mg/L		10/08/20 12:08	10/09/20 19:10	5
Chromium	**0.0015**	**I**	0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 19:10	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 19:10	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 19:10	5
Lithium	**0.0048**	**I V**	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 19:10	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 19:10	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 19:10	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 19:10	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00013**	**I V**	0.00020	0.000070	mg/L		10/09/20 16:17	10/09/20 21:00	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**26**		5.0	5.0	mg/L			10/13/20 19:33	1
Chloride	**5.1**		2.0	1.4	mg/L			10/15/20 11:04	1
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 12:31	1
Sulfate	**4.0**	**I**	5.0	1.4	mg/L			10/15/20 14:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.8**				SU			10/07/20 10:55	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-306
Date Collected: 10/07/20 11:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-5
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 19:22	5
Arsenic	**0.00064**	**I**	0.0013	0.00039	mg/L		10/08/20 12:08	10/09/20 19:22	5
Barium	**0.013**		0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 19:22	5
Beryllium	**0.0014**	**I V**	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 19:22	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 20:59	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 19:22	5
Calcium	**0.63**		0.25	0.13	mg/L		10/08/20 12:08	10/09/20 19:22	5
Chromium	**0.0033**		0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 19:22	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 19:22	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 19:22	5
Lithium	**0.0050**	**V**	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 19:22	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 19:22	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 19:22	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 19:22	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000080**	**I V**	0.00020	0.000070	mg/L		10/09/20 16:17	10/09/20 21:02	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**16**		5.0	5.0	mg/L			10/14/20 20:32	1
Chloride	**6.1**		2.0	1.4	mg/L			10/15/20 11:04	1
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 12:33	1
Sulfate	1.4	U	5.0	1.4	mg/L			10/15/20 14:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.13**				SU			10/07/20 11:00	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-307
Date Collected: 10/07/20 12:28
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-6
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 19:26	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		10/08/20 12:08	10/09/20 19:26	5
Barium	**0.016**		0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 19:26	5
Beryllium	**0.0014**	**I V**	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 19:26	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 21:03	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 19:26	5
Calcium	**0.67**		0.25	0.13	mg/L		10/08/20 12:08	10/09/20 19:26	5
Chromium	**0.0017**	**I**	0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 19:26	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 19:26	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 19:26	5
Lithium	**0.0049**	**I V**	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 19:26	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 19:26	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 19:26	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 19:26	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/09/20 16:17	10/09/20 21:04	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**12**		5.0	5.0	mg/L			10/14/20 20:32	1
Chloride	**4.7**		2.0	1.4	mg/L			10/15/20 11:04	1
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 12:37	1
Sulfate	1.4	U	5.0	1.4	mg/L			10/15/20 14:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.50**				SU			10/07/20 12:28	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: DUP-01
Date Collected: 10/07/20 11:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-7
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 19:30	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		10/08/20 12:08	10/09/20 19:30	5
Barium	**0.013**		0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 19:30	5
Beryllium	**0.0015**	**I V**	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 19:30	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 21:15	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 19:30	5
Calcium	**0.42**		0.25	0.13	mg/L		10/08/20 12:08	10/09/20 19:30	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 19:30	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 19:30	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 19:30	5
Lithium	**0.0049**	**I V**	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 19:30	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 19:30	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 19:30	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 19:30	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/08/20 10:06	10/08/20 17:30	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**10**		5.0	5.0	mg/L			10/14/20 20:32	1
Chloride	**5.7**		2.0	1.4	mg/L			10/15/20 11:04	1
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 12:40	1
Sulfate	1.4	U	5.0	1.4	mg/L			10/15/20 14:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.91**				SU			10/07/20 11:12	1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

General Chemistry

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample ID: MW-100

Date Collected: 10/07/20 14:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506443	10/09/20 18:43	LDC	TAL PEN
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 20:36	LDC	TAL PEN
Total/NA	Prep	7470A			506274	10/09/20 16:17	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 20:55	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506692	10/13/20 19:33	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	506930	10/15/20 11:01	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 12:21	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	506976	10/15/20 14:06	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507988	10/07/20 14:00	IDE	TAL PEN

Client Sample ID: MW-101

Date Collected: 10/07/20 10:03
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506443	10/09/20 19:02	LDC	TAL PEN
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 20:48	LDC	TAL PEN
Total/NA	Prep	7470A			506274	10/09/20 16:17	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 20:57	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506692	10/13/20 19:33	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	506930	10/15/20 11:01	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 12:23	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	506976	10/15/20 14:06	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507988	10/07/20 10:03	IDE	TAL PEN

Client Sample ID: MW-107

Date Collected: 10/07/20 12:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506443	10/09/20 19:06	LDC	TAL PEN
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 20:52	LDC	TAL PEN
Total/NA	Prep	7470A			506274	10/09/20 16:17	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 20:59	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506692	10/13/20 19:33	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	506930	10/15/20 11:01	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 12:27	RRC	TAL PEN

Client Sample ID: MW-107
Date Collected: 10/07/20 12:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		1	506976	10/15/20 14:06	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507988	10/07/20 12:12	IDE	TAL PEN

Client Sample ID: MW-108
Date Collected: 10/07/20 10:55
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506443	10/09/20 19:10	LDC	TAL PEN
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 20:55	LDC	TAL PEN
Total/NA	Prep	7470A			506274	10/09/20 16:17	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 21:00	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506692	10/13/20 19:33	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	506930	10/15/20 11:04	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 12:31	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	506976	10/15/20 14:12	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507988	10/07/20 10:55	IDE	TAL PEN

Client Sample ID: MW-306
Date Collected: 10/07/20 11:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506443	10/09/20 19:22	LDC	TAL PEN
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 20:59	LDC	TAL PEN
Total/NA	Prep	7470A			506274	10/09/20 16:17	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 21:02	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506847	10/14/20 20:32	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	506930	10/15/20 11:04	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 12:33	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	506976	10/15/20 14:12	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507988	10/07/20 11:00	IDE	TAL PEN

Client Sample ID: MW-307
Date Collected: 10/07/20 12:28
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506443	10/09/20 19:26	LDC	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Client Sample ID: MW-307
Date Collected: 10/07/20 12:28
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 21:03	LDC	TAL PEN
Total/NA	Prep	7470A			506274	10/09/20 16:17	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 21:04	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506847	10/14/20 20:32	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	506930	10/15/20 11:04	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 12:37	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	506976	10/15/20 14:12	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507988	10/07/20 12:28	IDE	TAL PEN

Client Sample ID: DUP-01
Date Collected: 10/07/20 11:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506443	10/09/20 19:30	LDC	TAL PEN
Total Recoverable	Prep	3005A			506024	10/08/20 12:08	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 21:15	LDC	TAL PEN
Total/NA	Prep	7470A			506016	10/08/20 10:06	NET	TAL PEN
Total/NA	Analysis	7470A		1	506160	10/08/20 17:30	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506847	10/14/20 20:32	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	506930	10/15/20 11:04	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 12:40	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	506976	10/15/20 14:12	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507988	10/07/20 11:12	IDE	TAL PEN

Laboratory References:
TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Prep Batch: 506016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-7	DUP-01	Total/NA	Water	7470A	
MB 400-506016/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-506016/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-194116-A-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-194116-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 506024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total Recoverable	Water	3005A	
400-194111-2	MW-101	Total Recoverable	Water	3005A	
400-194111-3	MW-107	Total Recoverable	Water	3005A	
400-194111-4	MW-108	Total Recoverable	Water	3005A	
400-194111-5	MW-306	Total Recoverable	Water	3005A	
400-194111-6	MW-307	Total Recoverable	Water	3005A	
400-194111-7	DUP-01	Total Recoverable	Water	3005A	
MB 400-506024/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-506024/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-194111-1 MS	MW-100	Total Recoverable	Water	3005A	
400-194111-1 MSD	MW-100	Total Recoverable	Water	3005A	

Analysis Batch: 506160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-7	DUP-01	Total/NA	Water	7470A	506016
MB 400-506016/14-A	Method Blank	Total/NA	Water	7470A	506016
LCS 400-506016/15-A	Lab Control Sample	Total/NA	Water	7470A	506016
400-194116-A-1-B MS	Matrix Spike	Total/NA	Water	7470A	506016
400-194116-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	506016

Prep Batch: 506274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	7470A	
400-194111-2	MW-101	Total/NA	Water	7470A	
400-194111-3	MW-107	Total/NA	Water	7470A	
400-194111-4	MW-108	Total/NA	Water	7470A	
400-194111-5	MW-306	Total/NA	Water	7470A	
400-194111-6	MW-307	Total/NA	Water	7470A	
MB 400-506274/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-506274/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-194219-H-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-194219-H-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 506328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	7470A	506274
400-194111-2	MW-101	Total/NA	Water	7470A	506274
400-194111-3	MW-107	Total/NA	Water	7470A	506274
400-194111-4	MW-108	Total/NA	Water	7470A	506274
400-194111-5	MW-306	Total/NA	Water	7470A	506274
400-194111-6	MW-307	Total/NA	Water	7470A	506274
MB 400-506274/14-A	Method Blank	Total/NA	Water	7470A	506274
LCS 400-506274/15-A	Lab Control Sample	Total/NA	Water	7470A	506274

Metals (Continued)

Analysis Batch: 506328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194219-H-1-B MS	Matrix Spike	Total/NA	Water	7470A	506274
400-194219-H-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	506274

Analysis Batch: 506443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total Recoverable	Water	6020	506024
400-194111-2	MW-101	Total Recoverable	Water	6020	506024
400-194111-3	MW-107	Total Recoverable	Water	6020	506024
400-194111-4	MW-108	Total Recoverable	Water	6020	506024
400-194111-5	MW-306	Total Recoverable	Water	6020	506024
400-194111-6	MW-307	Total Recoverable	Water	6020	506024
400-194111-7	DUP-01	Total Recoverable	Water	6020	506024
MB 400-506024/1-A ^5	Method Blank	Total Recoverable	Water	6020	506024
LCS 400-506024/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	506024
400-194111-1 MS	MW-100	Total Recoverable	Water	6020	506024
400-194111-1 MSD	MW-100	Total Recoverable	Water	6020	506024

Analysis Batch: 506715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total Recoverable	Water	6020	506024
400-194111-2	MW-101	Total Recoverable	Water	6020	506024
400-194111-3	MW-107	Total Recoverable	Water	6020	506024
400-194111-4	MW-108	Total Recoverable	Water	6020	506024
400-194111-5	MW-306	Total Recoverable	Water	6020	506024
400-194111-6	MW-307	Total Recoverable	Water	6020	506024
400-194111-7	DUP-01	Total Recoverable	Water	6020	506024
MB 400-506024/1-A ^5	Method Blank	Total Recoverable	Water	6020	506024
LCS 400-506024/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	506024
400-194111-1 MS	MW-100	Total Recoverable	Water	6020	506024
400-194111-1 MSD	MW-100	Total Recoverable	Water	6020	506024

General Chemistry

Analysis Batch: 506692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	SM 2540C	
400-194111-2	MW-101	Total/NA	Water	SM 2540C	
400-194111-3	MW-107	Total/NA	Water	SM 2540C	
400-194111-4	MW-108	Total/NA	Water	SM 2540C	
MB 400-506692/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-506692/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-194056-D-4 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 506847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-5	MW-306	Total/NA	Water	SM 2540C	
400-194111-6	MW-307	Total/NA	Water	SM 2540C	
400-194111-7	DUP-01	Total/NA	Water	SM 2540C	
MB 400-506847/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-506847/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-194159-I-2 DU	Duplicate	Total/NA	Water	SM 2540C	

General Chemistry

Analysis Batch: 506930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-194111-2	MW-101	Total/NA	Water	SM 4500 Cl- E	
400-194111-3	MW-107	Total/NA	Water	SM 4500 Cl- E	
400-194111-4	MW-108	Total/NA	Water	SM 4500 Cl- E	
400-194111-5	MW-306	Total/NA	Water	SM 4500 Cl- E	
400-194111-6	MW-307	Total/NA	Water	SM 4500 Cl- E	
400-194111-7	DUP-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-506930/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-506930/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-506930/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-194111-1 MS	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-194111-1 MSD	MW-100	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 506976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	SM 4500 SO4 E	
400-194111-2	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-194111-3	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-194111-4	MW-108	Total/NA	Water	SM 4500 SO4 E	
400-194111-5	MW-306	Total/NA	Water	SM 4500 SO4 E	
400-194111-6	MW-307	Total/NA	Water	SM 4500 SO4 E	
400-194111-7	DUP-01	Total/NA	Water	SM 4500 SO4 E	
MB 400-506976/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-506976/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-506976/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-194111-1 MS	MW-100	Total/NA	Water	SM 4500 SO4 E	
400-194111-1 MSD	MW-100	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 507344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	SM 4500 F C	
400-194111-2	MW-101	Total/NA	Water	SM 4500 F C	
400-194111-3	MW-107	Total/NA	Water	SM 4500 F C	
400-194111-4	MW-108	Total/NA	Water	SM 4500 F C	
400-194111-5	MW-306	Total/NA	Water	SM 4500 F C	
400-194111-6	MW-307	Total/NA	Water	SM 4500 F C	
400-194111-7	DUP-01	Total/NA	Water	SM 4500 F C	
MB 400-507344/5	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-507344/8	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-194059-I-4 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-194059-I-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-194139-Q-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-194139-Q-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 507988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	Field Sampling	
400-194111-2	MW-101	Total/NA	Water	Field Sampling	
400-194111-3	MW-107	Total/NA	Water	Field Sampling	

Field Service / Mobile Lab (Continued)

Analysis Batch: 507988 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-4	MW-108	Total/NA	Water	Field Sampling	
400-194111-5	MW-306	Total/NA	Water	Field Sampling	
400-194111-6	MW-307	Total/NA	Water	Field Sampling	
400-194111-7	DUP-01	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-506024/1-A ^5
Matrix: Water
Analysis Batch: 506443

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/08/20 12:08	10/09/20 18:35	5
Barium	0.00070	U	0.0025	0.00070	mg/L		10/08/20 12:08	10/09/20 18:35	5
Beryllium	0.00134	I	0.0025	0.00017	mg/L		10/08/20 12:08	10/09/20 18:35	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/08/20 12:08	10/09/20 18:35	5
Calcium	0.13	U	0.25	0.13	mg/L		10/08/20 12:08	10/09/20 18:35	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		10/08/20 12:08	10/09/20 18:35	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/08/20 12:08	10/09/20 18:35	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/08/20 12:08	10/09/20 18:35	5
Lithium	0.00462	I	0.0050	0.0019	mg/L		10/08/20 12:08	10/09/20 18:35	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/08/20 12:08	10/09/20 18:35	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/08/20 12:08	10/09/20 18:35	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/08/20 12:08	10/09/20 18:35	5

Lab Sample ID: MB 400-506024/1-A ^5
Matrix: Water
Analysis Batch: 506715

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00102	I	0.0013	0.00039	mg/L		10/08/20 12:08	10/13/20 20:28	5
Boron	0.018	U	0.050	0.018	mg/L		10/08/20 12:08	10/13/20 20:28	5

Lab Sample ID: LCS 400-506024/2-A ^5
Matrix: Water
Analysis Batch: 506443

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0511		mg/L		102	80 - 120
Arsenic	0.0500	0.0499		mg/L		100	80 - 120
Barium	0.0500	0.0499		mg/L		100	80 - 120
Beryllium	0.0500	0.0530		mg/L		106	80 - 120
Cadmium	0.0500	0.0542		mg/L		108	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.0500	0.0529		mg/L		106	80 - 120
Cobalt	0.0500	0.0519		mg/L		104	80 - 120
Lead	0.0500	0.0535		mg/L		107	80 - 120
Lithium	0.0500	0.0579		mg/L		116	80 - 120
Molybdenum	0.0500	0.0537		mg/L		107	80 - 120
Selenium	0.0500	0.0512		mg/L		102	80 - 120
Thallium	0.0100	0.0108		mg/L		108	80 - 120

Lab Sample ID: LCS 400-506024/2-A ^5
Matrix: Water
Analysis Batch: 506715

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.100	0.102		mg/L		102	80 - 120

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-194111-1 MS
Matrix: Water
Analysis Batch: 506443

Client Sample ID: MW-100
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0572		mg/L		114	75 - 125
Arsenic	0.00039	U	0.0500	0.0539		mg/L		108	75 - 125
Barium	0.020		0.0500	0.0673		mg/L		96	75 - 125
Beryllium	0.0014	I V	0.0500	0.0572		mg/L		112	75 - 125
Cadmium	0.00028	U	0.0500	0.0546		mg/L		109	75 - 125
Calcium	0.93		5.00	6.27		mg/L		107	75 - 125
Chromium	0.0010	U	0.0500	0.0564		mg/L		113	75 - 125
Cobalt	0.00060	I	0.0500	0.0553		mg/L		109	75 - 125
Lead	0.00029	U	0.0500	0.0549		mg/L		110	75 - 125
Lithium	0.0054	V	0.0500	0.0629		mg/L		115	75 - 125
Molybdenum	0.0045	U	0.0500	0.0553		mg/L		111	75 - 125
Selenium	0.00082	U	0.0500	0.0538		mg/L		108	75 - 125
Thallium	0.00012	U	0.0100	0.0111		mg/L		111	75 - 125

Lab Sample ID: 400-194111-1 MS
Matrix: Water
Analysis Batch: 506715

Client Sample ID: MW-100
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.018	U	0.100	0.116		mg/L		116	75 - 125

Lab Sample ID: 400-194111-1 MSD
Matrix: Water
Analysis Batch: 506443

Client Sample ID: MW-100
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.0015	U	0.0500	0.0521		mg/L		104	75 - 125	9	20
Arsenic	0.00039	U	0.0500	0.0489		mg/L		98	75 - 125	10	20
Barium	0.020		0.0500	0.0690		mg/L		99	75 - 125	3	20
Beryllium	0.0014	I V	0.0500	0.0543		mg/L		106	75 - 125	5	20
Cadmium	0.00028	U	0.0500	0.0539		mg/L		108	75 - 125	1	20
Calcium	0.93		5.00	5.98		mg/L		101	75 - 125	5	20
Chromium	0.0010	U	0.0500	0.0543		mg/L		109	75 - 125	4	20
Cobalt	0.00060	I	0.0500	0.0523		mg/L		103	75 - 125	5	20
Lead	0.00029	U	0.0500	0.0527		mg/L		105	75 - 125	4	20
Lithium	0.0054	V	0.0500	0.0590		mg/L		107	75 - 125	6	20
Molybdenum	0.0045	U	0.0500	0.0518		mg/L		104	75 - 125	7	20
Selenium	0.00082	U	0.0500	0.0522		mg/L		104	75 - 125	3	20
Thallium	0.00012	U	0.0100	0.0106		mg/L		106	75 - 125	5	20

Lab Sample ID: 400-194111-1 MSD
Matrix: Water
Analysis Batch: 506715

Client Sample ID: MW-100
Prep Type: Total Recoverable
Prep Batch: 506024

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	0.018	U	0.100	0.119		mg/L		119	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-506016/14-A
Matrix: Water
Analysis Batch: 506160

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506016

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/08/20 10:06	10/08/20 17:26	1

Lab Sample ID: LCS 400-506016/15-A
Matrix: Water
Analysis Batch: 506160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 506016

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00108		mg/L		108	80 - 120

Lab Sample ID: 400-194116-A-1-B MS
Matrix: Water
Analysis Batch: 506160

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 506016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00168		mg/L		83	80 - 120

Lab Sample ID: 400-194116-A-1-C MSD
Matrix: Water
Analysis Batch: 506160

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 506016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	U	0.00201	0.00167		mg/L		83	80 - 120	0	20

Lab Sample ID: MB 400-506274/14-A
Matrix: Water
Analysis Batch: 506328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506274

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000878	I	0.00020	0.000070	mg/L		10/09/20 16:17	10/09/20 20:15	1

Lab Sample ID: LCS 400-506274/15-A
Matrix: Water
Analysis Batch: 506328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 506274

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00114		mg/L		113	80 - 120

Lab Sample ID: 400-194219-H-1-B MS
Matrix: Water
Analysis Batch: 506328

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 506274

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00202		mg/L		101	80 - 120

Lab Sample ID: 400-194219-H-1-C MSD
Matrix: Water
Analysis Batch: 506328

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 506274

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	U	0.00201	0.00202		mg/L		100	80 - 120	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-506692/1
Matrix: Water
Analysis Batch: 506692

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/13/20 19:33	1

Lab Sample ID: LCS 400-506692/2
Matrix: Water
Analysis Batch: 506692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	350		mg/L		119	78 - 122

Lab Sample ID: 400-194056-D-4 DU
Matrix: Water
Analysis Batch: 506692

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	260		244		mg/L		5	5

Lab Sample ID: MB 400-506847/1
Matrix: Water
Analysis Batch: 506847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/14/20 20:32	1

Lab Sample ID: LCS 400-506847/2
Matrix: Water
Analysis Batch: 506847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	346		mg/L		118	78 - 122

Lab Sample ID: 400-194159-I-2 DU
Matrix: Water
Analysis Batch: 506847

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	240		238		mg/L		2	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-506930/6
Matrix: Water
Analysis Batch: 506930

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			10/15/20 11:01	1

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: LCS 400-506930/7
Matrix: Water
Analysis Batch: 506930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.0	30.6		mg/L		102	90 - 110

Lab Sample ID: MRL 400-506930/3
Matrix: Water
Analysis Batch: 506930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	2.03		mg/L		101	50 - 150

Lab Sample ID: 400-194111-1 MS
Matrix: Water
Analysis Batch: 506930

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.6		10.0	17.5		mg/L		109	73 - 120

Lab Sample ID: 400-194111-1 MSD
Matrix: Water
Analysis Batch: 506930

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.6		10.0	17.5		mg/L		110	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-507344/5
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 11:57	1

Lab Sample ID: LCS 400-507344/8
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	5.00	4.83		mg/L		97	90 - 110

Lab Sample ID: 400-194059-I-4 MS
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.21		1.00	1.36		mg/L		115	75 - 125

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 400-194059-I-4 MSD
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.21		1.00	1.41		mg/L		120	75 - 125	4	4

Lab Sample ID: 400-194139-Q-1 MS
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.19		1.00	1.33		mg/L		114	75 - 125

Lab Sample ID: 400-194139-Q-1 MSD
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.19		1.00	1.41	J3	mg/L		122	75 - 125	6	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-506976/6
Matrix: Water
Analysis Batch: 506976

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			10/15/20 14:06	1

Lab Sample ID: LCS 400-506976/7
Matrix: Water
Analysis Batch: 506976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	15.0	15.9		mg/L		106	90 - 110

Lab Sample ID: MRL 400-506976/3
Matrix: Water
Analysis Batch: 506976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	5.00	4.63	I	mg/L		93	50 - 150

Lab Sample ID: 400-194111-1 MS
Matrix: Water
Analysis Batch: 506976

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1.4	U	10.0	11.5		mg/L		115	77 - 128

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 400-194111-1 MSD
Matrix: Water
Analysis Batch: 506976

Client Sample ID: MW-100
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	11.6		mg/L		116	77 - 128	1	5

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Philip Evans / Brett Surles	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-96738-23627.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:

Address: BIN 731 One Energy Place	Due Date Requested:
City: Pensacola	TAT Requested (days):
State, Zip: FL, 32520	
Phone: 850-444-6427(Tel)	PO #: 2000339513
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117
Project Name: CCR Plant Crist Background A	Project #: 40005424
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-100	10/7/20	1400	G	Water			X	X	X	X	X	X		
MW-101		1003		Water										
MW-107		1212		Water										
MW-108		1055		Water										
MW-306		1100		Water										
MW-307		1228		Water										
Dup-01	10/7/20	1112	G	Water			X	X	X	X	X	X		
				Water										

400-194111 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 10/7/20 1445	Company RDM	Received by:	Date/Time: 10/8/20 14:45	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.8°C, 3.2°C IR8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-194111-1
SDG Number: Background A

Login Number: 194111
List Number: 1
Creator: Gore, Beija K

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.8 °C, 3.2 °C IR 8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-1
SDG: Background A

Laboratory: Eurofins TestAmerica, Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-21
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-13-21
Arkansas DEQ	State	88-0689	09-02-21
California	State	2510	06-30-21
Florida	NELAP	E81010	06-30-21
Georgia	State	E81010(FL)	06-30-21
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-20
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-20
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-20
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-21
Michigan	State	9912	06-30-21
New Jersey	NELAP	FL006	06-30-21
New York	NELAP	12115	04-01-21
North Carolina (WW/SW)	State	314	12-31-20
Oklahoma	State	9810-186	08-31-21
Pennsylvania	NELAP	68-00467	01-31-21
Rhode Island	State	LAO00307	12-30-20
South Carolina	State	96026002	06-30-21
Tennessee	State	TN02907	06-30-21
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-18-00148	05-17-21
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-21
West Virginia DEP	State	136	12-31-20

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-194111-2
Laboratory Sample Delivery Group: Background A
Client Project/Site: CCR Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
11/22/2020 2:54:27 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-194111-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-194111-2

RAD

Method 9315: Radium-226 prep batch 160-485356. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-100 (400-194111-1), MW-101 (400-194111-2), MW-107 (400-194111-3), MW-108 (400-194111-4), MW-306 (400-194111-5), MW-307 (400-194111-6), DUP-01 (400-194111-7), (LCS 160-485356/1-A), (LCSD 160-485356/2-A) and (MB 160-485356/23-A)

Method 9320: 9320 - prep batch 488533. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-100 (400-194111-1), MW-101 (400-194111-2), MW-107 (400-194111-3), MW-108 (400-194111-4), MW-306 (400-194111-5), MW-307 (400-194111-6) and DUP-01 (400-194111-7)

Method PrecSep_0: Radium 228 Prep Batch 160-485358. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-100 (400-194111-1), MW-101 (400-194111-2), MW-107 (400-194111-3), MW-108 (400-194111-4), MW-306 (400-194111-5), MW-307 (400-194111-6) and DUP-01 (400-194111-7). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep_0: Radium 228 Prep Batch 160-488533. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-100 (400-194111-1), MW-101 (400-194111-2), MW-107 (400-194111-3), MW-108 (400-194111-4), MW-306 (400-194111-5), MW-307 (400-194111-6) and DUP-01 (400-194111-7). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep_0: Radium 228 Prep Batch 160-488533. The following samples were prepared at a reduced aliquot due to re extract of the samples: MW-100 (400-194111-1), MW-101 (400-194111-2), MW-107 (400-194111-3), MW-108 (400-194111-4), MW-306 (400-194111-5), MW-307 (400-194111-6) and DUP-01 (400-194111-7).

Method PrecSep-21: Radium 226 Prep Batch 160-485356. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-100 (400-194111-1), MW-101 (400-194111-2), MW-107 (400-194111-3), MW-108 (400-194111-4), MW-306 (400-194111-5), MW-307 (400-194111-6) and DUP-01 (400-194111-7). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-2
SDG: Background A

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	TAL SL
9320	Radium-228 (GFPC)	SW846	TAL SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	TAL SL
PrecSep_0	Preparation, Precipitate Separation	None	TAL SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	TAL SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

l ient Gu f iPwor nml op ayt S
wmo/nkGBeG: l l s wiyt Gl neMG

Job ID: 400-194111-C
BDu : c ykgdmof t Aj

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-194111-1	W7 -100	7 yGam	10R02RC0 14:00	10R02RC0 14:45	
400-194111-C	W7 -101	7 yGam	10R02RC0 10:03	10R02RC0 14:45	
400-194111-3	W7 -102	7 yGam	10R02RC0 1C:1C	10R02RC0 14:45	
400-194111-4	W7 -108	7 yGam	10R02RC0 10:55	10R02RC0 14:45	
400-194111-5	W7 -306	7 yGam	10R02RC0 11:00	10R02RC0 14:45	
400-194111-6	W7 -302	7 yGam	10R02RC0 1C:C8	10R02RC0 14:45	
400-194111-2	DUw-01	7 yGam	10R02RC0 11:1C	10R02RC0 14:45	

Client Sample ID: MW-100
Date Collected: 10/07/20 14:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-1
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.493**		0.233	0.238	1.00	0.290	pCi/L	10/13/20 09:59	11/06/20 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*40 - 110*	*10/13/20 09:59*	*11/06/20 12:07*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.651	U	0.497	0.501	1.00	0.785	pCi/L	11/09/20 07:02	11/12/20 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:03*	*1*
Y Carrier	*110*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:03*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.14**		0.549	0.555	5.00	0.785	pCi/L		11/13/20 16:13	1

Client Sample ID: MW-101
Date Collected: 10/07/20 10:03
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-2
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.462**		0.202	0.206	1.00	0.217	pCi/L	10/13/20 09:59	11/06/20 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.1*		*40 - 110*	*10/13/20 09:59*	*11/06/20 12:07*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.604	U	0.516	0.519	1.00	0.825	pCi/L	11/09/20 07:02	11/12/20 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*
Y Carrier	*104*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.07**		0.554	0.558	5.00	0.825	pCi/L		11/13/20 16:13	1

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-2
SDG: Background A

Client Sample ID: MW-107
Date Collected: 10/07/20 12:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-3
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.335**		0.175	0.178	1.00	0.207	pCi/L	10/13/20 09:59	11/06/20 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*40 - 110*	*10/13/20 09:59*	*11/06/20 12:11*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.428	U	0.424	0.426	1.00	0.687	pCi/L	11/09/20 07:02	11/12/20 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*
Y Carrier	*107*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.763**		0.459	0.462	5.00	0.687	pCi/L		11/13/20 16:13	1

Client Sample ID: MW-108

Date Collected: 10/07/20 10:55
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-4

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.531		0.204	0.209	1.00	0.192	pCi/L	10/13/20 09:59	11/06/20 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.0*		*40 - 110*	*10/13/20 09:59*	*11/06/20 12:11*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.22		0.559	0.570	1.00	0.810	pCi/L	11/09/20 07:02	11/12/20 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*
Y Carrier	*101*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.75		0.595	0.607	5.00	0.810	pCi/L		11/13/20 16:13	1

Client Sample ID: MW-306
Date Collected: 10/07/20 11:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-5
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.332		0.176	0.179	1.00	0.205	pCi/L	10/13/20 09:59	11/06/20 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*40 - 110*	*10/13/20 09:59*	*11/06/20 12:11*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.378	U	0.447	0.448	1.00	0.737	pCi/L	11/09/20 07:02	11/12/20 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*
Y Carrier	*104*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.709	U	0.480	0.482	5.00	0.737	pCi/L		11/13/20 16:13	1

Client Sample ID: MW-307
Date Collected: 10/07/20 12:28
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-6
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0731	U	0.127	0.127	1.00	0.224	pCi/L	10/13/20 09:59	11/06/20 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.9*		*40 - 110*	*10/13/20 09:59*	*11/06/20 12:11*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.387	U	0.421	0.423	1.00	0.689	pCi/L	11/09/20 07:02	11/12/20 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.5*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*
Y Carrier	*105*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.460	U	0.440	0.442	5.00	0.689	pCi/L		11/13/20 16:13	1

Client Sample ID: DUP-01
Date Collected: 10/07/20 11:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-7
Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.496**		0.216	0.221	1.00	0.238	pCi/L	10/13/20 09:59	11/06/20 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*40 - 110*	*10/13/20 09:59*	*11/06/20 12:11*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.249	U	0.440	0.441	1.00	0.747	pCi/L	11/09/20 07:02	11/12/20 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*
Y Carrier	*104*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:04*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.744	U	0.490	0.493	5.00	0.747	pCi/L		11/13/20 16:13	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-2
SDG: Background A

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-2
SDG: Background A

Client Sample ID: MW-100
Date Collected: 10/07/20 14:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485356	10/13/20 09:59	AVB	TAL SL
Total/NA	Analysis	9315		1	488483	11/06/20 12:07	SCB	TAL SL
Total/NA	Prep	PrecSep_0			488533	11/09/20 07:02	AVB	TAL SL
Total/NA	Analysis	9320		1	488988	11/12/20 12:03	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	489044	11/13/20 16:13	SCB	TAL SL

Client Sample ID: MW-101
Date Collected: 10/07/20 10:03
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485356	10/13/20 09:59	AVB	TAL SL
Total/NA	Analysis	9315		1	488483	11/06/20 12:07	SCB	TAL SL
Total/NA	Prep	PrecSep_0			488533	11/09/20 07:02	AVB	TAL SL
Total/NA	Analysis	9320		1	488988	11/12/20 12:04	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	489044	11/13/20 16:13	SCB	TAL SL

Client Sample ID: MW-107
Date Collected: 10/07/20 12:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485356	10/13/20 09:59	AVB	TAL SL
Total/NA	Analysis	9315		1	488483	11/06/20 12:11	SCB	TAL SL
Total/NA	Prep	PrecSep_0			488533	11/09/20 07:02	AVB	TAL SL
Total/NA	Analysis	9320		1	488988	11/12/20 12:04	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	489044	11/13/20 16:13	SCB	TAL SL

Client Sample ID: MW-108
Date Collected: 10/07/20 10:55
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485356	10/13/20 09:59	AVB	TAL SL
Total/NA	Analysis	9315		1	488483	11/06/20 12:11	SCB	TAL SL
Total/NA	Prep	PrecSep_0			488533	11/09/20 07:02	AVB	TAL SL
Total/NA	Analysis	9320		1	488988	11/12/20 12:04	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	489044	11/13/20 16:13	SCB	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-2
SDG: Background A

Client Sample ID: MW-306
Date Collected: 10/07/20 11:00
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485356	10/13/20 09:59	AVB	TAL SL
Total/NA	Analysis	9315		1	488483	11/06/20 12:11	SCB	TAL SL
Total/NA	Prep	PrecSep_0			488533	11/09/20 07:02	AVB	TAL SL
Total/NA	Analysis	9320		1	488988	11/12/20 12:04	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	489044	11/13/20 16:13	SCB	TAL SL

Client Sample ID: MW-307
Date Collected: 10/07/20 12:28
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485356	10/13/20 09:59	AVB	TAL SL
Total/NA	Analysis	9315		1	488483	11/06/20 12:11	SCB	TAL SL
Total/NA	Prep	PrecSep_0			488533	11/09/20 07:02	AVB	TAL SL
Total/NA	Analysis	9320		1	488988	11/12/20 12:04	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	489044	11/13/20 16:13	SCB	TAL SL

Client Sample ID: DUP-01
Date Collected: 10/07/20 11:12
Date Received: 10/07/20 14:45

Lab Sample ID: 400-194111-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485356	10/13/20 09:59	AVB	TAL SL
Total/NA	Analysis	9315		1	488483	11/06/20 12:11	SCB	TAL SL
Total/NA	Prep	PrecSep_0			488533	11/09/20 07:02	AVB	TAL SL
Total/NA	Analysis	9320		1	488988	11/12/20 12:04	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	489044	11/13/20 16:13	SCB	TAL SL

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Rad

Prep Batch: 485356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	PrecSep-21	
400-194111-2	MW-101	Total/NA	Water	PrecSep-21	
400-194111-3	MW-107	Total/NA	Water	PrecSep-21	
400-194111-4	MW-108	Total/NA	Water	PrecSep-21	
400-194111-5	MW-306	Total/NA	Water	PrecSep-21	
400-194111-6	MW-307	Total/NA	Water	PrecSep-21	
400-194111-7	DUP-01	Total/NA	Water	PrecSep-21	
MB 160-485356/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-485356/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-485356/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 488533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194111-1	MW-100	Total/NA	Water	PrecSep_0	
400-194111-2	MW-101	Total/NA	Water	PrecSep_0	
400-194111-3	MW-107	Total/NA	Water	PrecSep_0	
400-194111-4	MW-108	Total/NA	Water	PrecSep_0	
400-194111-5	MW-306	Total/NA	Water	PrecSep_0	
400-194111-6	MW-307	Total/NA	Water	PrecSep_0	
400-194111-7	DUP-01	Total/NA	Water	PrecSep_0	
MB 160-488533/22-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-488533/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-488533/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-485356/23-A
Matrix: Water
Analysis Batch: 488447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 485356

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03043	U	0.100	0.100	1.00	0.236	pCi/L	10/13/20 09:59	11/06/20 13:36	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.5*		*40 - 110*	*10/13/20 09:59*	*11/06/20 13:36*	*1*

Lab Sample ID: LCS 160-485356/1-A
Matrix: Water
Analysis Batch: 488483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 485356

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	11.14		1.35	1.00	0.304	pCi/L	98	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.0*		*40 - 110*

Lab Sample ID: LCSD 160-485356/2-A
Matrix: Water
Analysis Batch: 488483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 485356

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	9.022		1.14	1.00	0.233	pCi/L	80	75 - 125	0.85	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*86.4*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-488533/22-A
Matrix: Water
Analysis Batch: 488989

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488533

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.05411	U	0.424	0.424	1.00	0.752	pCi/L	11/09/20 07:02	11/12/20 12:06	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:06*	*1*
Y Carrier	*107*		*40 - 110*	*11/09/20 07:02*	*11/12/20 12:06*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-488533/1-A
Matrix: Water
Analysis Batch: 488988

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488533

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			15.3	13.02		1.67	1.00	0.849	pCi/L	85	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.3*		*40 - 110*
Y Carrier	*103*		*40 - 110*

Lab Sample ID: LCSD 160-488533/2-A
Matrix: Water
Analysis Batch: 488988

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 488533

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			15.3	13.40		1.70	1.00	0.828	pCi/L	87	75 - 125	0.11	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*77.9*		*40 - 110*
Y Carrier	*107*		*40 - 110*

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Philip Evans / Brett Surles	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-96738-23627.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: 2000339513			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist Background A	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-100	10/7/20	1400	G	Water			X	X	X	X	X	X		
MW-101	↓	1003	↓	Water			↓	↓	↓	↓	↓	↓		
MW-107		1212		Water										
MW-108		1055		Water										
MW-306		1100		Water										
MW-307	↓	1228	↓	Water										
Dup-01	10/7/20	1112	G	Water			X	X	X	X	X	X		
				Water										

400-194111 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 10/7/20 1445	Company RDM	Received by:	Date/Time: 10/7/20 14:45	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.8°C, 3.2°C IR8

Ver: 01/16/2019

11/22/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-194111-S
DBG Number: c akgdrounA/

Login Number: 194111
List Number: 1
Creator: Gore, Beija K

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
v aAioaktisity wa' nht k<ekgeA or i' =R bakgdrounA a' mea' ureA by a ' ursey meterT	NR	
, <e koolerh ku' toAy ' eal8if pre' ent8i' intaktT	, rue	
Dample ku' toAy ' eal' 8if pre' ent8are intaktT	NR	
, <e kooler or ' ample' Ao not appear to <ase been kompromi' eA or tampereA wit<T	, rue	
Dample' were rekeiseA on ikeT	, rue	
Cooler , emperature i' akkeptableT	, rue	
Cooler , emperature i' rekorAeAT	, rue	4T 3C82TS 3C lv °
COC i' pre' entT	, rue	
COC i' filleA out in ing anA ledibleT	, rue	
COC i' filleA out wit< all pertinent informationT	, rue	
I' t<e FielA Damplerh name pre' ent on COC?	, rue	
, <ere are no Ai' krepankie' between t<e kontainer' rekeiseA anA t<e COCT	, rue	
Dample' are rekeiseA wit<in HolAind , ime (exkluAind te' t' wit< immeAiate H, ')	, rue	
Dample kontainer' <ase ledible label' T	, rue	
Container' are not brogen or leagindT	, rue	
Dample kollektion AateRime' are prosiAeAT	, rue	
/ ppropriate ' ample kontainer' are u' eAT	, rue	
Dample bottle' are kompletely filleAT	, rue	
Dample Pre' ersation VerifieAT	, rue	
, <ere i' ' uffikient solTfor all reque' teA analy' e' 8inklTany reque' teA MDRMDB'	, rue	
Container' requirind zero <eaA' pake <ase no <eaA' pake or bubble i' =6mm (1R4")T	NR	
Multip<a' ik ' ample' are not pre' entT	, rue	
Dample' Ao not require ' plittind or kompo' itindT	, rue	
v e' iAual C<lorine C<ekgeAT	NR	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194111-2
SDG: Background A

Laboratory: Eurofins TestAmerica, StPLouis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Autl ority	hrogram	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-22
ANAB	Dept. of Defense ELAP	L2305	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-20
California	Los Angeles County Sanitation Districts	10259	06-30-21
California	State	2886	06-30-21
Connecticut	State	PH-0241	03-31-21
Florida	NELAP	E87689	06-30-21
HI - RadChem Recognition	State	n/a	06-30-21
Illinois	NELAP	004553	11-30-20
Iowa	State	373	12-01-20
Kentucky (DW)	State	KY90125	12-31-20
Louisiana	NELAP	04080	06-30-21
Louisiana (DW)	State	LA011	12-31-20
Maryland	State	310	09-30-21
MI - RadChem Recognition	State	9005	06-30-21
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-21
New Jersey	NELAP	MO002	06-30-21
New York	NELAP	11616	04-01-21
North Dakota	State	R-207	06-30-21
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-21
Oregon	NELAP	4157	09-01-21
Pennsylvania	NELAP	68-00540	02-28-21
South Carolina	State	85002001	06-30-21
Texas	NELAP	T104704193-19-13	07-31-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542019-11	07-31-21
Virginia	NELAP	10310	06-14-21
Washington	State	C592	08-30-21
West Virginia DEP	State	381	10-31-21

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-194170-1
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
12/4/2020 9:23:17 AM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

LINKS

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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QC Sample Results 13
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Certification Summary 21

Job ID: 400-194170-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-194170-1

Metals

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-506182 and analytical batch 400-506715 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020: The ICV for batch 400-506715 passed recovery/accuracy criteria which serves the ICV purpose of verifying the calibration standards. The replicate RSD for the elements were outside of the criteria for standards but within the criteria for field samples. Data has therefore been reported and narrated accordingly. (ICV 400-506715/10)

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-506182 and analytical batch 400-507509 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

General Chemistry

Method SM 4500 Cl- E: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-194170-2). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-308 (400-194170-1) and MW-303 (400-194170-2). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

Client Sample ID: MW-308 — Lab Sample ID: 400-194170-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0011	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.022		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.4		0.25	0.090	mg/L	25		6020	Total Recoverable
Calcium	55		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.0047		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00031	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Mercury	0.000087	I	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	380		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	36		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.070	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	170		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.78				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-303 — Lab Sample ID: 400-194170-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00069	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.076		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	3.6		0.25	0.090	mg/L	25		6020	Total Recoverable
Calcium	100		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.029		0.0050	0.0019	mg/L	5		6020	Total Recoverable
Molybdenum	0.50		0.015	0.0045	mg/L	5		6020	Total Recoverable
Selenium	0.0014		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00038	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	850		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	230		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	160		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	6.68				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
SM 4500 Cl- E	Chloride, Total	SM	TAL PEN
SM 4500 F C	Fluoride	SM	TAL PEN
SM 4500 SO4 E	Sulfate, Total	SM	TAL PEN
Field Sampling	Field Sampling	EPA	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-194170-1	MW-308	Water	10/08/20 12:55	10/08/20 15:07	
400-194170-2	MW-303	Water	10/08/20 14:35	10/08/20 15:07	

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

Client Sample ID: Wr -x0o
Date C/ lle7te2: 10v0ov50 15:hh
Date Re7ei6e2: 10v0ov50 1h:0M

Lab Sample ID: 400-1941M0-1
Watcid: r atec

Wet(/ 2: P050 - Wetals)ICTvWSQ- A/ tal Re7/ 6ecable

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/09/20 09:57	10/13/20 18:35	5
Fcseni7	0V0011	I	0.0013	0.00039	mg/L		10/09/20 09:57	10/13/20 18:35	5
3 adıum	0V055		0.0025	0.00070	mg/L		10/09/20 09:57	10/13/20 18:35	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		10/09/20 09:57	10/13/20 18:35	5
3 / d' n	5V4		0.25	0.090	mg/L		10/09/20 09:57	10/19/20 18:35	25
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/09/20 09:57	10/13/20 18:35	5
Cal7ium	hh		0.25	0.13	mg/L		10/09/20 09:57	10/13/20 18:35	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		10/09/20 09:57	10/13/20 18:35	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/09/20 09:57	10/13/20 18:35	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/09/20 09:57	10/13/20 18:35	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		10/09/20 09:57	10/13/20 18:35	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/09/20 09:57	10/13/20 18:35	5
Selenium	0V004M		0.0013	0.00082	mg/L		10/09/20 09:57	10/19/20 18:31	5
A(allium	0V000x1	I	0.00050	0.00012	mg/L		10/09/20 09:57	10/13/20 18:35	5

Wet(/ 2: M4M0F - Wec7ucz)CGF FQ

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
Wec7ucz	0V0000oM	I	0.00020	0.000070	mg/L		10/09/20 11:31	10/09/20 19:32	1

g enecal C(emistcz

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
A/ tal Diss/ l6e2 S/ li2s	xo0		5.0	5.0	mg/L			10/14/20 20:47	1
C(l/ ci2e	xP		2.0	1.4	mg/L			10/16/20 15:46	1
Ulu/ ci2e	0V0M0	I	0.10	0.032	mg/L			10/19/20 13:14	1
Sul.ate	1M0		25	7.0	mg/L			10/19/20 16:38	5

Wet(/ 2: Uiel2 SamplinH - Uiel2 SamplinH

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
Uiel2 p8	hWb				SU			10/08/20 12:55	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

Client Sample ID: Wr -x0x
Date C/ lle7te2: 10v0ov50 14:xh
Date Re7ei6e2: 10v0ov50 1h:0M

Lab Sample ID: 400-1941M0-5
Watcid: r atec

Wet(/ 2: P050 - Wetals)ICTvWSQ- A/ tal Re7/ 6ecable

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/09/20 09:57	10/13/20 18:54	5
Fcseni7	0\000P9	I	0.0013	0.00039	mg/L		10/09/20 09:57	10/13/20 18:54	5
3 adium	0\0MP		0.0025	0.00070	mg/L		10/09/20 09:57	10/13/20 18:54	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		10/09/20 09:57	10/13/20 18:54	5
3 / d/ n	xVP		0.25	0.090	mg/L		10/09/20 09:57	10/19/20 18:58	25
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/09/20 09:57	10/13/20 18:54	5
Cal7ium	100		0.25	0.13	mg/L		10/09/20 09:57	10/13/20 18:54	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		10/09/20 09:57	10/13/20 18:54	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/09/20 09:57	10/13/20 18:54	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/09/20 09:57	10/13/20 18:54	5
Lit(ium	0\059		0.0050	0.0019	mg/L		10/09/20 09:57	10/13/20 18:54	5
W/ lzb2enum	0\h0		0.015	0.0045	mg/L		10/09/20 09:57	10/13/20 18:54	5
Selenium	0\0014		0.0013	0.00082	mg/L		10/09/20 09:57	10/19/20 18:54	5
A(allium	0\000xo	I	0.00050	0.00012	mg/L		10/09/20 09:57	10/13/20 18:54	5

Wet(/ 2: M4M0F - Wec7ucz)CGF FQ

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/09/20 11:31	10/09/20 19:34	1

g enecal C(emistcz

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
A/ tal Diss/ l6e2 S/ li2s	oh0		10	10	mg/L			10/14/20 20:47	1
C(l/ d2e	5x0		10	7.0	mg/L			10/16/20 15:59	5
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 13:18	1
Sul.ate	1P0		25	7.0	mg/L			10/19/20 16:38	5

Wet(/ 2: Uiel2 SamplinH - Uiel2 SamplinH

Fnalzte	Result	y uali.iec	Ty L	WDL	Bnit	D	Tœpace2	Fnalzfe2	Dil Ua7
Uiel2 p8	PVPo				SU			10/08/20 14:35	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

Client Sample ID: MW-308
Date Collected: 10/08/20 12:55
Date Received: 10/08/20 15:07

Lab Sample ID: 400-194170-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506182	10/09/20 09:57	NET	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 18:35	LDC	TAL PEN
Total Recoverable	Prep	3005A			506182	10/09/20 09:57	NET	TAL PEN
Total Recoverable	Analysis	6020		5	507509	10/19/20 18:31	LDC	TAL PEN
Total Recoverable	Prep	3005A			506182	10/09/20 09:57	NET	TAL PEN
Total Recoverable	Analysis	6020		25	507509	10/19/20 18:35	LDC	TAL PEN
Total/NA	Prep	7470A			506210	10/09/20 11:31	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 19:32	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506849	10/14/20 20:47	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	507180	10/16/20 15:46	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 13:14	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	507379	10/19/20 16:38	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	508058	10/08/20 12:55	EHS	TAL PEN

Client Sample ID: MW-303
Date Collected: 10/08/20 14:35
Date Received: 10/08/20 15:07

Lab Sample ID: 400-194170-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506182	10/09/20 09:57	NET	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 18:54	LDC	TAL PEN
Total Recoverable	Prep	3005A			506182	10/09/20 09:57	NET	TAL PEN
Total Recoverable	Analysis	6020		5	507509	10/19/20 18:54	LDC	TAL PEN
Total Recoverable	Prep	3005A			506182	10/09/20 09:57	NET	TAL PEN
Total Recoverable	Analysis	6020		25	507509	10/19/20 18:58	LDC	TAL PEN
Total/NA	Prep	7470A			506210	10/09/20 11:31	NET	TAL PEN
Total/NA	Analysis	7470A		1	506328	10/09/20 19:34	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	506849	10/14/20 20:47	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	507180	10/16/20 15:59	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507344	10/19/20 13:18	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	507379	10/19/20 16:38	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	508058	10/08/20 14:35	EHS	TAL PEN

Laboratory References:
TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Prep Batch: 506182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total Recoverable	Water	3005A	
400-194170-2	MW-303	Total Recoverable	Water	3005A	
MB 400-506182/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-506182/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-194170-1 MS	MW-308	Total Recoverable	Water	3005A	
400-194170-1 MSD	MW-308	Total Recoverable	Water	3005A	

Prep Batch: 506210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	7470A	
400-194170-2	MW-303	Total/NA	Water	7470A	
MB 400-506210/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-506210/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-194151-B-10-B MS	Matrix Spike	Total/NA	Water	7470A	
400-194151-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 506328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	7470A	506210
400-194170-2	MW-303	Total/NA	Water	7470A	506210
MB 400-506210/14-A	Method Blank	Total/NA	Water	7470A	506210
LCS 400-506210/15-A	Lab Control Sample	Total/NA	Water	7470A	506210
400-194151-B-10-B MS	Matrix Spike	Total/NA	Water	7470A	506210
400-194151-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	506210

Analysis Batch: 506715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total Recoverable	Water	6020	506182
400-194170-2	MW-303	Total Recoverable	Water	6020	506182
MB 400-506182/1-A ^5	Method Blank	Total Recoverable	Water	6020	506182
LCS 400-506182/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	506182
400-194170-1 MS	MW-308	Total Recoverable	Water	6020	506182
400-194170-1 MSD	MW-308	Total Recoverable	Water	6020	506182

Analysis Batch: 507509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total Recoverable	Water	6020	506182
400-194170-1	MW-308	Total Recoverable	Water	6020	506182
400-194170-2	MW-303	Total Recoverable	Water	6020	506182
400-194170-2	MW-303	Total Recoverable	Water	6020	506182
MB 400-506182/1-A ^5	Method Blank	Total Recoverable	Water	6020	506182
LCS 400-506182/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	506182
400-194170-1 MS	MW-308	Total Recoverable	Water	6020	506182
400-194170-1 MS	MW-308	Total Recoverable	Water	6020	506182
400-194170-1 MSD	MW-308	Total Recoverable	Water	6020	506182
400-194170-1 MSD	MW-308	Total Recoverable	Water	6020	506182

QC Association Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-1
SDG: Downgradient C

General Chemistry

Analysis Batch: 506849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	SM 2540C	
400-194170-2	MW-303	Total/NA	Water	SM 2540C	
MB 400-506849/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-506849/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-194170-1 DU	MW-308	Total/NA	Water	SM 2540C	

Analysis Batch: 507180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	SM 4500 Cl- E	
400-194170-2	MW-303	Total/NA	Water	SM 4500 Cl- E	
MB 400-507180/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-507180/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-507180/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-194170-B-6 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-194170-B-6 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 507344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	SM 4500 F C	
400-194170-2	MW-303	Total/NA	Water	SM 4500 F C	
MB 400-507344/5	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-507344/8	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-194059-I-4 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-194059-I-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-194139-Q-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-194139-Q-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 507379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	SM 4500 SO4 E	
400-194170-2	MW-303	Total/NA	Water	SM 4500 SO4 E	
MB 400-507379/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-507379/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-507379/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-194141-I-5 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-194141-I-5 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 508058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	Field Sampling	
400-194170-2	MW-303	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-506182/1-A ^5
Matrix: Water
Analysis Batch: 506715

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/09/20 09:57	10/13/20 18:27	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		10/09/20 09:57	10/13/20 18:27	5
Barium	0.00070	U	0.0025	0.00070	mg/L		10/09/20 09:57	10/13/20 18:27	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		10/09/20 09:57	10/13/20 18:27	5
Boron	0.018	U	0.050	0.018	mg/L		10/09/20 09:57	10/13/20 18:27	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/09/20 09:57	10/13/20 18:27	5
Calcium	0.13	U	0.25	0.13	mg/L		10/09/20 09:57	10/13/20 18:27	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		10/09/20 09:57	10/13/20 18:27	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/09/20 09:57	10/13/20 18:27	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/09/20 09:57	10/13/20 18:27	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		10/09/20 09:57	10/13/20 18:27	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/09/20 09:57	10/13/20 18:27	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/09/20 09:57	10/13/20 18:27	5

Lab Sample ID: MB 400-506182/1-A ^5
Matrix: Water
Analysis Batch: 507509

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/09/20 09:57	10/19/20 18:23	5

Lab Sample ID: LCS 400-506182/2-A ^5
Matrix: Water
Analysis Batch: 506715

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0511		mg/L		102	80 - 120
Arsenic	0.0500	0.0505		mg/L		101	80 - 120
Barium	0.0500	0.0480		mg/L		96	80 - 120
Beryllium	0.0500	0.0513		mg/L		103	80 - 120
Boron	0.100	0.104		mg/L		104	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	5.08		mg/L		102	80 - 120
Chromium	0.0500	0.0500		mg/L		100	80 - 120
Cobalt	0.0500	0.0505		mg/L		101	80 - 120
Lead	0.0500	0.0504		mg/L		101	80 - 120
Lithium	0.0500	0.0507		mg/L		101	80 - 120
Molybdenum	0.0500	0.0504		mg/L		101	80 - 120
Thallium	0.0100	0.0102		mg/L		102	80 - 120

Lab Sample ID: LCS 400-506182/2-A ^5
Matrix: Water
Analysis Batch: 507509

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.0500	0.0539		mg/L		108	80 - 120

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-194170-1 MS
Matrix: Water
Analysis Batch: 506715

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0562		mg/L		112	75 - 125
Arsenic	0.0011	I	0.0500	0.0514		mg/L		101	75 - 125
Barium	0.022		0.0500	0.0714		mg/L		100	75 - 125
Beryllium	0.00017	U	0.0500	0.0511		mg/L		102	75 - 125
Cadmium	0.00028	U	0.0500	0.0534		mg/L		107	75 - 125
Calcium	55		5.00	60.1		mg/L		95	75 - 125
Chromium	0.0010	U	0.0500	0.0518		mg/L		104	75 - 125
Cobalt	0.00056	U	0.0500	0.0504		mg/L		101	75 - 125
Lead	0.00029	U	0.0500	0.0505		mg/L		101	75 - 125
Lithium	0.0019	U	0.0500	0.0522		mg/L		104	75 - 125
Molybdenum	0.0045	U	0.0500	0.0495		mg/L		99	75 - 125
Thallium	0.00031	I	0.0100	0.0104		mg/L		101	75 - 125

Lab Sample ID: 400-194170-1 MS
Matrix: Water
Analysis Batch: 507509

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.0047		0.0500	0.0557		mg/L		102	75 - 125

Lab Sample ID: 400-194170-1 MS
Matrix: Water
Analysis Batch: 507509

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	2.4		0.100	2.17	J3	mg/L		-231	75 - 125

Lab Sample ID: 400-194170-1 MSD
Matrix: Water
Analysis Batch: 506715

Client Sample ID: MW-308
Prep Type: Total Recoverable
Prep Batch: 506182

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.0015	U	0.0500	0.0556		mg/L		111	75 - 125	1	20
Arsenic	0.0011	I	0.0500	0.0502		mg/L		98	75 - 125	2	20
Barium	0.022		0.0500	0.0686		mg/L		94	75 - 125	4	20
Beryllium	0.00017	U	0.0500	0.0512		mg/L		102	75 - 125	0	20
Cadmium	0.00028	U	0.0500	0.0509		mg/L		102	75 - 125	5	20
Calcium	55		5.00	62.1	J3	mg/L		135	75 - 125	3	20
Chromium	0.0010	U	0.0500	0.0530		mg/L		106	75 - 125	2	20
Cobalt	0.00056	U	0.0500	0.0503		mg/L		101	75 - 125	0	20
Lead	0.00029	U	0.0500	0.0508		mg/L		102	75 - 125	1	20
Lithium	0.0019	U	0.0500	0.0512		mg/L		102	75 - 125	2	20
Molybdenum	0.0045	U	0.0500	0.0524		mg/L		105	75 - 125	6	20
Thallium	0.00031	I	0.0100	0.0105		mg/L		102	75 - 125	0	20

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-194170-1 MSD — **Client Sample ID: MW-308**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 507509 — **Prep Batch: 506182**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium	0.0047		0.0500	0.0578		mg/L		106	75 - 125	4	20

Lab Sample ID: 400-194170-1 MSD — **Client Sample ID: MW-308**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 507509 — **Prep Batch: 506182**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	2.4		0.100	2.17	J3	mg/L		-229	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-506210/14-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 506328 — **Prep Batch: 506210**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/09/20 11:31	10/09/20 19:19	1

Lab Sample ID: LCS 400-506210/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 506328 — **Prep Batch: 506210**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00102		mg/L		101	80 - 120

Lab Sample ID: 400-194151-B-10-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 506328 — **Prep Batch: 506210**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00182		mg/L		91	80 - 120

Lab Sample ID: 400-194151-B-10-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 506328 — **Prep Batch: 506210**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	U	0.00201	0.00175		mg/L		87	80 - 120	4	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-506849/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 506849

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/14/20 20:47	1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-506849/2
Matrix: Water
Analysis Batch: 506849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			293	350		mg/L		119	78 - 122		

Lab Sample ID: 400-194170-1 DU
Matrix: Water
Analysis Batch: 506849

Client Sample ID: MW-308
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	380			372		mg/L				2	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-507180/6
Matrix: Water
Analysis Batch: 507180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			10/16/20 15:36	1

Lab Sample ID: LCS 400-507180/7
Matrix: Water
Analysis Batch: 507180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			30.0	30.5		mg/L		102	90 - 110		

Lab Sample ID: MRL 400-507180/3
Matrix: Water
Analysis Batch: 507180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			2.00	2.13		mg/L		107	50 - 150		

Lab Sample ID: 400-194170-B-6 MS
Matrix: Water
Analysis Batch: 507180

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	26		10.0	34.4		mg/L		80	73 - 120		

Lab Sample ID: 400-194170-B-6 MSD
Matrix: Water
Analysis Batch: 507180

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	26		10.0	34.1		mg/L		77	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-507344/5
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.032	U	0.10	0.032	mg/L			10/19/20 11:57	1

Lab Sample ID: LCS 400-507344/8
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	5.00	4.83		mg/L		97	90 - 110

Lab Sample ID: 400-194059-I-4 MS
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.21		1.00	1.36		mg/L		115	75 - 125

Lab Sample ID: 400-194059-I-4 MSD
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.21		1.00	1.41		mg/L		120	75 - 125	4	4

Lab Sample ID: 400-194139-Q-1 MS
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.19		1.00	1.33		mg/L		114	75 - 125

Lab Sample ID: 400-194139-Q-1 MSD
Matrix: Water
Analysis Batch: 507344

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.19		1.00	1.41	J3	mg/L		122	75 - 125	6	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-507379/6
Matrix: Water
Analysis Batch: 507379

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			10/19/20 16:08	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-507379/7
Matrix: Water
Analysis Batch: 507379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	15.0	15.9		mg/L		106	90 - 110

Lab Sample ID: MRL 400-507379/3
Matrix: Water
Analysis Batch: 507379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	5.00	4.69	I	mg/L		94	50 - 150

Lab Sample ID: 400-194141-I-5 MS
Matrix: Water
Analysis Batch: 507379

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1.4	U	10.0	12.1		mg/L		121	77 - 128

Lab Sample ID: 400-194141-I-5 MSD
Matrix: Water
Analysis Batch: 507379

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	12.1		mg/L		121	77 - 128	0	5

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-96740-23629.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: 2000339513			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
[redacted] MW-308	10/8/20	1255	G	Water			X	X	X	X	X	X		
MW-303	10/8/20	1435	G	Water			X	X	X	X	X	X		
[redacted]				Water										
[redacted]				Water										
[redacted]				Water										
				Water										
				Water										

400-194170 COC

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		10/8/20 1507	ROH		10/8/20 15:07	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 5.3°C, 5.6°C IR7

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-194170-1
SDG Number: Downgradient C

Login Number: 194170
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.3, 5.6°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Proce/ tSRite: CCs Plant CriBt

Job ID: 400-1941j 0-1
RDG: Downkragient C

Laboratory: Eurofins TestAmerica, Pensacola

dll a/ / regitationBS3ertifi/ ationB Aelg by tAiB laboratory are liBtegh . ot all a/ / regitationBS3ertifi/ ationB are appli/ able to tAiB reporth

Authority	Program	Identification Number	Expiration Date
dlabama	Rtate	401N0	05-60-31
d. d2	IROSIEC 1j 03N	734j 1	03-36-36
driLona	Rtate	dz0j 10	01-16-31
drZanBaB DEQ	Rtate	88-0589	09-03-31
California	Rtate	3N10	05-60-31
Floriga	. E7dP	E81010	05-60-31
Georkia	Rtate	E81010(F7)	05-60-31
IllinoiB	. E7dP	300041	10-09-31
Iowa	Rtate	65j	08-01-33
KanBaB	. E7dP	E-103N6	10-61-30
Kentu/ Zy (URT)	Rtate	N6	05-60-31
Kentu/ Zy (WW)	Rtate	KY98060	13-61-30
7ouiBiana	. E7dP	609j 5	05-60-31
7ouiBiana (DW)	Rtate	7d01j	13-61-30
Marylang	Rtate	366	09-60-31
MaBBa/ AuBettB	Rtate	M-F7094	05-60-31
Mi/ Aikan	Rtate	9913	05-60-31
MinneBota	. E7dP	013-999-481	13-61-30
. ew JerBey	. E7dP	F7005	05-60-31
. ew YorZ	. E7dP	1311N	04-01-31
. ortA Carolina (WWSRW)	Rtate	614	13-61-30
OZlaAoma	Rtate	9810-185	08-61-31
PennBylvania	. E7dP	58-0045j	01-61-31
s Aoge IBlang	Rtate	7dO0060j	13-60-30
RoutA Carolina	Rtate	95035003	05-60-31
TenneBBee	Rtate	T. 0390j	05-60-31
TexaB	. E7dP	T104j 04385	09-60-31
UR FiBA & Wilglife	UR Fegeral ProkramB	0N8448	0j -61-31
URDd	UR Fegeral ProkramB	P660-18-00148	0N-1j -31
Virkinia	. E7dP	450155	05-14-31
WaBAinkton	Rtate	C91N	0N-1N-31
WeBt Virkinia DEP	Rtate	165	13-61-30

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ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-194170-2
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Authorized for release by:
12/4/2020 9:35:15 AM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-194170-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-194170-2

RAD

Method 9315: 9315 Prep Batch: 160-485378. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-308 (400-194170-1) and MW-303 (400-194170-2)

Method 9320: 9320 prep batch 160-485385. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-308 (400-194170-1) and MW-303 (400-194170-2)

Method PrecSep_0: Radium 228 Prep Batch 160-485385. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-308 (400-194170-1) and MW-303 (400-194170-2). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 Prep Batch 160-485378. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-308 (400-194170-1) and MW-303 (400-194170-2). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-2
SDG: Downgradient C

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	TAL SL
9320	Radium-228 (GFPC)	SW846	TAL SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	TAL SL
PrecSep_0	Preparation, Precipitate Separation	None	TAL SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	TAL SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-194170-1	W3 -802	3 yGm	10R02R00 1C:55	10R02R00 15:07	
400-194170-C	W3 -808	3 yGm	10R02R00 14:85	10R02R00 15:07	

Client Sample ID: MW-308

Date Collected: 10/08/20 12:55
Date Received: 10/08/20 15:07

Lab Sample ID: 400-194170-1

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.761		0.267	0.276	1.00	0.263	pCi/L	10/13/20 13:16	11/25/20 13:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*40 - 110*	*10/13/20 13:16*	*11/25/20 13:04*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.41		0.491	0.539	1.00	0.570	pCi/L	10/13/20 13:46	11/24/20 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:35*	*1*
Y Carrier	*74.0*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:35*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.17		0.559	0.606	5.00	0.570	pCi/L		12/02/20 22:43	1

Client Sample ID: MW-303

Date Collected: 10/08/20 14:35
Date Received: 10/08/20 15:07

Lab Sample ID: 400-194170-2

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.53		0.357	0.383	1.00	0.261	pCi/L	10/13/20 13:16	11/25/20 13:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.3*		*40 - 110*	*10/13/20 13:16*	*11/25/20 13:04*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.83		0.678	0.925	1.00	0.509	pCi/L	10/13/20 13:46	11/24/20 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.3*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:35*	*1*
Y Carrier	*77.8*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:35*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	8.36		0.766	1.00	5.00	0.509	pCi/L		12/02/20 22:43	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-2
SDG: Downgradient C

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-2
SDG: Downgradient C

Client Sample ID: MW-308
Date Collected: 10/08/20 12:55
Date Received: 10/08/20 15:07

Lab Sample ID: 400-194170-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485378	10/13/20 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490273	11/25/20 13:04	FLC	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/20 13:46	AVB	TAL SL
Total/NA	Analysis	9320		1	490120	11/24/20 11:35	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	490775	12/02/20 22:43	GRW	TAL SL

Client Sample ID: MW-303
Date Collected: 10/08/20 14:35
Date Received: 10/08/20 15:07

Lab Sample ID: 400-194170-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			485378	10/13/20 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490273	11/25/20 13:04	FLC	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/20 13:46	AVB	TAL SL
Total/NA	Analysis	9320		1	490120	11/24/20 11:35	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	490775	12/02/20 22:43	GRW	TAL SL

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Rad

Prep Batch: 485368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	PrecSep-21	
400-194170-2	MW-303	Total/NA	Water	PrecSep-21	
MB 160-485378/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-485378/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-485378/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 485385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194170-1	MW-308	Total/NA	Water	PrecSep_0	
400-194170-2	MW-303	Total/NA	Water	PrecSep_0	
MB 160-485385/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-485385/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-485385/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-4853/ 8A23-r
MatxiW T atex
r nalNsis Bat7h: 490292

Client Sample ID: Method Blank
Pxep yNpe: yotalAc r
Pxep Bat7h: 4853/ 8

r nalNte	MB Result	MB Qualifiex	Count Un7ext. (2σ+A)	yotal Un7ext. (2σ+A)	RL	MDC	Unit	Pxepaxed	r nalNzed	Dil Fa7
Radium-226	0.05976	U	0.120	0.120	1.00	0.216	pCi/L	10/13/20 13:16	11/26/20 10:31	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:31*	*1*

Lab Sample ID: LCS 160-4853/ 8A1-r
MatxiW T atex
r nalNsis Bat7h: 490561

Client Sample ID: Lab Contxol Sample
Pxep yNpe: yotalAc r
Pxep Bat7h: 4853/ 8

r nalNte			Spike r dded	LCS Result	LCS Qual	yotal Un7ext. (2σ+A)	RL	MDC	Unit	%Re7	%Re7. Limits		
Radium-226			11.3	10.99		1.17	1.00	0.147	pCi/L	97	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.3*		*40 - 110*

Lab Sample ID: LCSD 160-4853/ 8A2-r
MatxiW T atex
r nalNsis Bat7h: 4902/ 3

Client Sample ID: Lab Contxol Sample Dup
Pxep yNpe: yotalAc r
Pxep Bat7h: 4853/ 8

r nalNte			Spike r dded	LCSD Result	LCSD Qual	yotal Un7ext. (2σ+A)	RL	MDC	Unit	%Re7	%Re7. Limits	RER	RER Limit
Radium-226			11.3	9.702		1.18	1.00	0.208	pCi/L	86	75 - 125	0.55	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*89.3*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-485385A23-r
MatxiW T atex
r nalNsis Bat7h: 490121

Client Sample ID: Method Blank
Pxep yNpe: yotalAc r
Pxep Bat7h: 485385

r nalNte	MB Result	MB Qualifiex	Count Un7ext. (2σ+A)	yotal Un7ext. (2σ+A)	RL	MDC	Unit	Pxepaxed	r nalNzed	Dil Fa7
Radium-228	-0.02719	U	0.241	0.241	1.00	0.438	pCi/L	10/13/20 13:46	11/24/20 11:41	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:41*	*1*
Y Carrier	*83.4*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:41*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-485385/1-r
Matrix: Water
Analysis Batch: 490120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 485385

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			7.63	7.221		0.933	1.00	0.488	pCi/L	95	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.3		40 - 110
Y Carrier	83.0		40 - 110

Lab Sample ID: LCSD 160-485385/2-r
Matrix: Water
Analysis Batch: 490120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 485385

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			7.63	6.027		0.817	1.00	0.466	pCi/L	79	75 - 125	0.68	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	89.3		40 - 110
Y Carrier	80.4		40 - 110

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-96740-23629.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: 2000339513			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
[redacted] MW-308	10/8/20	1255	G	Water			X	X	X	X	X	X		
MW-303	10/8/20	1435	G	Water			X	X	X	X	X	X		
[redacted]				Water										
[redacted]				Water										
[redacted]				Water										
				Water										
				Water										

400-194170 COC

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/8/20 1507	ROH		10/8/20 15:07	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.3°C, 5.6°C IR7

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-194170-2
SDG Number: Downgradient C

Login Number: 194170
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.3, 5.6°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-194170-2
SDG Number: Downgradient C

Login Number: 194170
List Number: 2
Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis
List Creation: 10/09/20 08:30 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194170-2
SDG: Downgradient C

Laboratory: Eurofins TestAmerica, StPLouis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Autl ority	hrogram	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-22
ANAB	Dept. of Defense ELAP	L2305	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-20
California	Los Angeles County Sanitation Districts	10259	06-30-21
California	State	2886	06-30-21
Connecticut	State	PH-0241	03-31-21
Florida	NELAP	E87689	06-30-21
HI - RadChem Recognition	State	n/a	06-30-21
Illinois	NELAP	004553	11-30-20 *
Iowa	State	373	11-30-21
Kentucky (DW)	State	KY90125	12-31-20
Louisiana	NELAP	04080	06-30-21
Louisiana (DW)	State	LA011	12-31-20
Maryland	State	310	09-30-21
MI - RadChem Recognition	State	9005	06-30-21
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-21
New Jersey	NELAP	MO002	06-30-21
New York	NELAP	11616	04-01-21
North Dakota	State	R-207	06-30-21
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-21
Oregon	NELAP	4157	09-01-21
Pennsylvania	NELAP	68-00540	02-28-21
South Carolina	State	85002001	06-30-21
Texas	NELAP	T104704193-19-13	07-31-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542019-11	07-31-21
Virginia	NELAP	10310	06-14-21
Washington	State	C592	08-30-21
West Virginia DEP	State	381	10-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-194247-1
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
10/29/2020 4:26:51 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-194247-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-194247-1

Metals
Method 6020: The ICV for batch 400-506715 passed recovery/accuracy criteria which serves the ICV purpose of verifying the calibration standards. The replicate RSD for the elements were outside of the criteria for standards but within the criteria for field samples. Data has therefore been reported and narrated accordingly. (ICV 400-506715/10)

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-506379 and analytical batch 400-506663 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

General Chemistry
Method SM 2540C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 400-507023 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method SM 4500 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-507476 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 SO4 E: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-304 (400-194247-2). Elevated reporting limits (RLs) are provided.

Detection Summary

Client Sample ID: MW-300 — Lab Sample ID: 400-194247-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
. yn ef p	0311		0307L	0300C0	p dR	L		6070	vo Gi s n/ o5nmybin
. omot	037L	I	030L0	0312	p dR	L		6070	vo Gi s n/ o5nmybin
l yi/ ef p	31.2		037L	031B	p dR	L		6070	vo Gi s n/ o5nmybin
vo Gi DeAAoi5nj goie A	L7		L30	L30	p dR	1		gM 7L40l	vo GiR8 h
l Nomej n	239		730	134	p dR	1		gM 4L00 l i- E	vo GiR8 h
Fenij aO	4360				gH	1		Fenij gyp aie d	vo GiR8 h

Client Sample ID: MW-304 — Lab Sample ID: 400-194247-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
. yn ef p	031L		0307L	0300C0	p dR	L		6070	vo Gi s n/ o5nmybin
. omot	062		030L0	0312	p dR	L		6070	vo Gi s n/ o5nmybin
l yi/ ef p	170		10	L30	p dR	700		6070	vo Gi s n/ o5nmybin
l Nmop ef p	30016	I	0307L	30010	p dR	L		6070	vo Gi s n/ o5nmybin
l obyiG	30019	I	0307L	3000L6	p dR	L		6070	vo Gi s n/ o5nmybin
Tnyj	300042	I	0301B	300079	p dR	L		6070	vo Gi s n/ o5nmybin
gnint ef p	300LC		0301B	300027	p dR	L		6070	vo Gi s n/ o5nmybin
vNyiie f p	30001L	I	3000L0	300017	p dR	L		6070	vo Gi s n/ o5nmybin
Mnmf nS	30000BB		300070	30000C0	p dR	1		C4C0h	vo GiR8 h
vo Gi DeAAoi5nj goie A	L20		L30	L30	p dR	1		gM 7L40l	vo GiR8 h
l Nomej n	14		730	134	p dR	1		gM 4L00 l i- E	vo GiR8 h
Fif omej n	3040	I	0310	30B7	p dR	1		gM 4L00 F l	vo GiR8 h
gf iPyGa	B00		L0	14	p dR	10		gM 4L00 gU4 E	vo GiR8 h
Fenij aO	6349				gH	1		Fenij gyp aie d	vo GiR8 h

Client Sample ID: MW-305 — Lab Sample ID: 400-194247-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
hmAnt e/	3000LC	I	0301B	3000B9	p dR	L		6070	vo Gi s n/ o5nmybin
. yn ef p	3016		0307L	0300C0	p dR	L		6070	vo Gi s n/ o5nmybin
. omot	3012	I	030L0	0312	p dR	L		6070	vo Gi s n/ o5nmybin
l yi/ ef p	306		037L	031B	p dR	L		6070	vo Gi s n/ o5nmybin
l Nmop ef p	30016	I	0307L	30010	p dR	L		6070	vo Gi s n/ o5nmybin
Mnmf nS	300014	I	300070	30000C0	p dR	1		C4C0h	vo GiR8 h
vo Gi DeAAoi5nj goie A	47		L30	L30	p dR	1		gM 7L40l	vo GiR8 h
l Nomej n	C3L		730	134	p dR	1		gM 4L00 l i- E	vo GiR8 h
Fenij aO	439B				gH	1		Fenij gyp aie d	vo GiR8 h

vNeA DnGa/ Gat gf p p ynSj onAt oGe / if j n mj e/ Nnp e/ yi GaAGmAf iGA3

Ef moRe AvnAGap nm/ y, wnt Ay/ oiy

Detection Summary

Client Sample ID: DUP-03 — Lab Sample ID: 400-194247-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
. yme f p	03016		03007L	03000C0	p dRT	L		6070	voGyi s n/ o5nmybin
l yi/ e f p	0364		037L	031B	p dRT	L		6070	voGyi s n/ o5nmybin
l Nmop e f p	03001C	l	03007L	030010	p dRT	L		6070	voGyi s n/ o5nmybin
Mnm/f mS	0300074		0300070	030000C0	p dRT	1		C4C0h	voGyiR8 h
voGyi DeAAoi5nj goie j A	40		L30	L30	p dRT	1		gM 7L40l	voGyiR8 h
l Nione j n	C31		730	134	p dRT	1		gM 4L00 l i- E	voGyiR8 h
Fenij aO	439B				gH	1		Fenij gyp aie t d	voGyiR8 h

Client Sample ID: FB-02 — Lab Sample ID: 400-194247-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mnm/f mS	030007C		0300070	030000C0	p dRT	1		C4C0h	voGyiR8 h

Client Sample ID: EB-02 — Lab Sample ID: 400-194247-6

8 o DnGa/ Geot A3

Method Summary

Method	Method Description	Protocol	Laboratory
2070	Mercury (Hg)	g8 642	TAL wEN
C4C0A	Mnm/ms (LVAA)	g8 642	TAL wEN
gM 7540I	goiej W/ ToGyi DeWoivnj (TDg)	gM	TAL wEN
gM 4500 Li-E	Lhionej n, ToGyi	gM	TAL wEN
gM 4500 FI	Fif onej n	gM	TAL wEN
gM 4500 gO4 E	gf iPyGa, ToGyi	gM	TAL wEN
Fenij gyp aied	Fenij gyp aied	EwA	TAL wEN
3005A	wmaynyGot, ToGyi s n/ ovnnybin omDeWoivnj MnGyiW	g8 642	TAL wEN
C4C0A	wmaynyGot, Mnm/ms	g8 642	TAL wEN

Protocol References:

EwA = Ug Et vent p nt Gyi wmoGa/ Got Adnt / S

gM = "gGyt j ynj MnGaoj WFomThn Exyp et yGot OP8 yGnmAt j 8 yWar yGnm"

g8 642 = "TnWGMnGaoj WFomEvyif yGet d goiej 8 yWa, whSWe/ yiR hnp e/ yi MnGaoj W", Thenj Ej eGot, Novnp bnm1962 At j IGWUaj yGnW

Laboratory References:

TAL wEN = Ef moRe WTnWGAp nme/ y, wnt Wy/ oiy, 3355 M/ Lnp omn Dnevn, wnt Wy/ oiy, FL 37514, TEL (650)4C4-1001

Sample Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194247-1
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-194247-1	MW-300	Water	10/09/20 09:00	10/09/20 14:45	
400-194247-2	MW-304	Water	10/09/20 07:36	10/09/20 14:45	
400-194247-3	MW-305	Water	10/09/20 08:45	10/09/20 14:45	
400-194247-4	DUP-03	Water	10/09/20 07:45	10/09/20 14:45	
400-194247-5	FB-02	Water	10/09/20 08:40	10/09/20 14:45	
400-194247-6	EB-02	Water	10/09/20 08:15	10/09/20 14:45	

Client Sample Results

Client Sample ID: MW-300

Date Collected: 10/09/20 09:00
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-1

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
. t Cep ot S	05001U	2	05007U	05001U	p dRL		10R17R70 13:17	10R18R70 71:84	U
. mAnt e/	0500089	2	050018	0500089	p dRL		10R17R70 13:17	10R18R70 71:84	U
Barium	**0.011**		05007U	05000C0	p dRL		10R17R70 13:17	10R18R70 71:84	U
BnmSiief p	050001C	2	05007U	050001C	p dRL		10R17R70 13:17	10R18R70 71:84	U
Boron	**0.025**	**I**	050U0	05013	p dRL		10R17R70 13:17	10R18R70 71:84	U
l yj p ef p	0500073	2	05007U	0500073	p dRL		10R17R70 13:17	10R18R70 71:84	U
Calcium	**0.58**		057U	0518	p dRL		10R17R70 13:17	10R18R70 71:84	U
l hmop ef p	050010	2	05007U	050010	p dRL		10R17R70 13:17	10R18R70 71:84	U
l obyiG	05000U6	2	05007U	05000U6	p dRL		10R17R70 13:17	10R18R70 71:84	U
Lnyj	0500079	2	050018	0500079	p dRL		10R17R70 13:17	10R18R70 71:84	U
LeGhef p	050019	2	0500U0	050019	p dRL		10R17R70 13:17	10R18R70 71:84	U
MoiSbj nt f p	05004U	2	0501U	05004U	p dRL		10R17R70 13:17	10R18R70 71:84	U
gnint ef p	0500037	2	050018	0500037	p dRL		10R17R70 13:17	10R70R70 14:1U	U
Thyiief p	0500017	2	05000U0	0500017	p dRL		10R17R70 13:17	10R18R70 71:84	U

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mnm/f mS	050000C0	2	0500070	050000C0	p dRL		10R18R70 03:80	10R18R70 17:U1	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**52**		U50	U50	p dRL			10R1UR70 16:UU	1
Chloride	**8.9**		750	154	p dRL			10R19R70 17:7U	1
Eif onej n	05087	2	0510	05087	p dRL			10R70R70 11:09	1
gf iPyGa	154	2	U50	154	p dRL			10R70R70 11:76	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.60**				g2			10R09R70 09:00	1

Client Sample Results

Client Sample ID: MW-304

Date Collected: 10/09/20 07:36
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-2

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
. t Ge p ot S	05001U	2	05007U	05001U	p dR L		10R17R70 13:17	10R18R70 71:U4	U
. mAnt e/	0500089	2	050018	0500089	p dR L		10R17R70 13:17	10R18R70 71:U4	U
Barium	**0.015**		05007U	05000C0	p dR L		10R17R70 13:17	10R18R70 71:U4	U
BnmSiie f p	050001C	2	05007U	050001C	p dR L		10R17R70 13:17	10R18R70 71:U4	U
Boron	**0.68**		050U0	05013	p dR L		10R17R70 13:17	10R18R70 71:U4	U
l yj p e f p	0500073	2	05007U	0500073	p dR L		10R17R70 13:17	10R18R70 71:U4	U
Calcium	**120**		10	U50	p dR L		10R17R70 13:17	10R70R70 14:81	700
Chromium	**0.0016**	**I**	05007U	050010	p dR L		10R17R70 13:17	10R18R70 71:U4	U
Cobalt	**0.0019**	**I**	05007U	05000U6	p dR L		10R17R70 13:17	10R18R70 71:U4	U
Lead	**0.00048**	**I**	050018	0500079	p dR L		10R17R70 13:17	10R18R70 71:U4	U
LeGhe f p	050019	2	0500U0	050019	p dR L		10R17R70 13:17	10R18R70 71:U4	U
MoiSbj nt f p	05004U	2	0501U	05004U	p dR L		10R17R70 13:17	10R18R70 71:U4	U
Selenium	**0.0057**		050018	0500037	p dR L		10R17R70 13:17	10R70R70 14:7C	U
Thallium	**0.00015**	**I**	05000U0	0500017	p dR L		10R17R70 13:17	10R18R70 71:U4	U

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00033**		0500070	050000C0	p dR L		10R18R70 03:80	10R18R70 17:U8	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**580**		U50	U50	p dR L			10R1UR70 16:UU	1
Chloride	**14**		750	154	p dR L			10R19R70 17:7U	1
Fluoride	**0.040**	**I**	0510	05087	p dR L			10R70R70 11:17	1
Sulfate	**300**		U0	14	p dR L			10R70R70 17:70	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.49**				g2			10R09R70 0C:86	1

Client Sample ID: MW-305
Date Collected: 10/09/20 08:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-3
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
. t Gp ot S	05001U	2	05007U	05001U	p dR		10R17R20 13:17	10R18R20 71:U3	U
Arsenic	**0.00057**	**I**	05018	0500089	p dR		10R17R20 13:17	10R18R20 71:U3	U
Barium	**0.016**		05007U	05000C0	p dR		10R17R20 13:17	10R18R20 71:U3	U
BnmSiief p	05001C	2	05007U	05001C	p dR		10R17R20 13:17	10R18R20 71:U3	U
Boron	**0.018**	**I**	050U0	05013	p dR		10R17R20 13:17	10R18R20 71:U3	U
l yj p ef p	0500073	2	05007U	0500073	p dR		10R17R20 13:17	10R18R20 71:U3	U
Calcium	**0.76**		057U	0518	p dR		10R17R20 13:17	10R18R20 71:U3	U
Chromium	**0.0016**	**I**	05007U	050010	p dR		10R17R20 13:17	10R18R20 71:U3	U
l obyiG	05000U6	2	05007U	05000U6	p dR		10R17R20 13:17	10R18R20 71:U3	U
Lnyj	0500079	2	05018	0500079	p dR		10R17R20 13:17	10R18R20 71:U3	U
Le4Bef p	05019	2	0500U0	05019	p dR		10R17R20 13:17	10R18R20 71:U3	U
MoiSbj nt f p	05004U	2	0501U	05004U	p dR		10R17R20 13:17	10R18R20 71:U3	U
gnint ef p	0500037	2	05018	0500037	p dR		10R17R20 13:17	10R20R20 14:8U	U
Thyiief p	0500017	2	05000U0	0500017	p dR		10R17R20 13:17	10R18R20 71:U3	U

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00014**	**I**	0500070	05000C0	p dR		10R18R20 03:80	10R18R20 17:UU	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**42**		U50	U50	p dR			10R1UR20 16:UU	1
Chloride	**7.5**		750	154	p dR			10R19R20 17:7U	1
Eif onej n	05087	2	0510	05087	p dR			10R20R20 11:14	1
gf iPyGa	154	2	U50	154	p dR			10R20R20 11:76	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.93**				g2			10R09R20 03:4U	1

Client Sample Results

Client Sample ID: DUP-03

Date Collected: 10/09/20 07:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-4

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
. t Ge p ot S	05001U	2	05007U	05001U	p dRL		10R17R70 13:17	10R18R70 77:07	U
. mAnt e/	0500089	2	050018	0500089	p dRL		10R17R70 13:17	10R70R70 14:89	U
Barium	**0.016**		05007U	05000C0	p dRL		10R17R70 13:17	10R18R70 77:07	U
BnmSiie f p	050001C	2	05007U	050001C	p dRL		10R17R70 13:17	10R18R70 77:07	U
Bomot	05013	2	050U0	05013	p dRL		10R17R70 13:17	10R18R70 77:07	U
l yj p e f p	0500073	2	05007U	0500073	p dRL		10R17R70 13:17	10R18R70 77:07	U
Calcium	**0.64**		057U	0518	p dRL		10R17R70 13:17	10R18R70 77:07	U
Chromium	**0.0017**	**I**	05007U	050010	p dRL		10R17R70 13:17	10R18R70 77:07	U
l obyiG	05000U6	2	05007U	05000U6	p dRL		10R17R70 13:17	10R18R70 77:07	U
Lnyj	0500079	2	050018	0500079	p dRL		10R17R70 13:17	10R18R70 77:07	U
LeGhe f p	050019	2	0500U0	050019	p dRL		10R17R70 13:17	10R18R70 77:07	U
MoiSbj nt f p	05004U	2	0501U	05004U	p dRL		10R17R70 13:17	10R18R70 77:07	U
g nint e f p	0500037	2	050018	0500037	p dRL		10R17R70 13:17	10R70R70 14:89	U
Thyiie f p	0500017	2	05000U0	0500017	p dRL		10R17R70 13:17	10R18R70 77:07	U

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00024**		0500070	05000C0	p dRL		10R18R70 03:80	10R18R70 18:07	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**40**		U50	U50	p dRL			10R1UR70 16:UU	1
Chloride	**7.1**		750	154	p dRL			10R19R70 17:73	1
Eif onej n	05087	2	0510	05087	p dRL			10R70R70 11:13	1
g f iPyGa	154	2	U50	154	p dRL			10R70R70 11:U8	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.93**				g2			10R09R70 0C:4U	1

Client Sample ID: FB-02
Date Collected: 10/09/20 08:40
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-5
Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
. t Gp ot S	05001U	2	05007U	05001U	p dR		10R17R20 13:17	10R18R20 77:18	U
. mAnt e	0500089	2	05018	0500089	p dR		10R17R20 13:17	10R18R20 77:18	U
Bymef p	05000C0	2	05007U	05000C0	p dR		10R17R20 13:17	10R18R20 77:18	U
BnmSiief p	05001C	2	05007U	05001C	p dR		10R17R20 13:17	10R18R20 77:18	U
Bomot	0513	2	050U0	0513	p dR		10R17R20 13:17	10R18R20 77:18	U
l yj p ef p	0500073	2	05007U	0500073	p dR		10R17R20 13:17	10R18R20 77:18	U
l yi/ ef p	0518	2	057U	0518	p dR		10R17R20 13:17	10R18R20 77:18	U
l hmop ef p	05010	2	05007U	05010	p dR		10R17R20 13:17	10R18R20 77:18	U
l obyiG	05000U6	2	05007U	05000U6	p dR		10R17R20 13:17	10R18R20 77:18	U
Lnyj	0500079	2	05018	0500079	p dR		10R17R20 13:17	10R18R20 77:18	U
LeBef p	05019	2	0500U0	05019	p dR		10R17R20 13:17	10R18R20 77:18	U
MoiSbj nt f p	05004U	2	0501U	05004U	p dR		10R17R20 13:17	10R18R20 77:18	U
gnint ef p	0500037	2	05018	0500037	p dR		10R17R20 13:17	10R20R20 14:U4	U
Thyiief p	0500017	2	05000U0	0500017	p dR		10R17R20 13:17	10R18R20 77:18	U

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00027**		0500070	05000C0	p dR		10R18R20 03:80	10R18R20 18:04	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ToGi DeAAoiFnj goiej A	U50	2	U50	U50	p dR			10R1UR20 16:UU	1
l hiomej n	154	2	750	154	p dR			10R20R20 14:13	1
Eif omej n	05087	2	0510	05087	p dR			10R20R20 11:79	1
gf iPyGi	154	2	U50	154	p dR			10R20R20 11:U8	1

Client Sample Results

l ient G u f iP wor nm l op ayt S
wmoc n/ G R g e G: l l s wiyt G l m A G

Job ID: 400-19474C-1
g Du : Dor t dnyj e nt G l

Client Sample ID: EB-02

Date Collected: 10/09/20 08:15
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-6

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
. t G p ot S	05001U	2	05007U	05001U	p dR L		10R17R70 13:17	10R18R70 77:1C	U
. m A nt e/	05000C3	2	05007U	05000C3	p dR L		10R17R70 13:17	10R70R70 1U:07	10
By m e f p	05000C0	2	05007U	05000C0	p dR L		10R17R70 13:17	10R18R70 77:1C	U
Bn m S i e f p	050001C	2	05007U	050001C	p dR L		10R17R70 13:17	10R18R70 77:1C	U
Bo m ot	05013	2	050U0	05013	p dR L		10R17R70 13:17	10R18R70 77:1C	U
l yj p e f p	0500073	2	05007U	0500073	p dR L		10R17R70 13:17	10R18R70 77:1C	U
l yi/ e f p	0518	2	057U	0518	p dR L		10R17R70 13:17	10R18R70 77:1C	U
l hm op e f p	050010	2	05007U	050010	p dR L		10R17R70 13:17	10R18R70 77:1C	U
l obyiG	05000U6	2	05007U	05000U6	p dR L		10R17R70 13:17	10R18R70 77:1C	U
Lnyj	0500079	2	050018	0500079	p dR L		10R17R70 13:17	10R18R70 77:1C	U
Le G e f p	050019	2	0500U0	050019	p dR L		10R17R70 13:17	10R18R70 77:1C	U
Moi S bj nt f p	05004U	2	0501U	05004U	p dR L		10R17R70 13:17	10R18R70 77:1C	U
g nint e f p	0500037	2	050018	0500037	p dR L		10R17R70 13:17	10R70R70 14:U3	U
Thyii e f p	0500017	2	05000U0	0500017	p dR L		10R17R70 13:17	10R18R70 77:1C	U

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mn m/ f m S	050000C0	2	0500070	050000C0	p dR L		10R18R70 03:80	10R18R70 18:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
To G yi De A A oi F nj g oi e j A	U50	2	U50	U50	p dR L			10R1UR70 16:UU	1
l hio n e j n	154	2	750	154	p dR L			10R70R70 14:13	1
E if o n e j n	05087	2	0510	05087	p dR L			10R70R70 11:83	1
g f iP y G a	154	2	U50	154	p dR L			10R70R70 11:U8	1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample ID: MW-300

Lab Sample ID: 400-194247-1

Date Collected: 10/09/20 09:00

Matrix: Water

Date Received: 10/09/20 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 21:34	LDC	TAL PEN
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	507590	10/20/20 14:15	LDC	TAL PEN
Total/NA	Prep	7470A			506379	10/13/20 08:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	506663	10/13/20 12:51	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	507023	10/15/20 16:55	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	507331	10/19/20 12:25	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507475	10/20/20 11:09	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	507476	10/20/20 11:26	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507990	10/09/20 09:00	IDE	TAL PEN

Client Sample ID: MW-304

Lab Sample ID: 400-194247-2

Date Collected: 10/09/20 07:36

Matrix: Water

Date Received: 10/09/20 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 21:54	LDC	TAL PEN
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	507590	10/20/20 14:27	LDC	TAL PEN
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		200	507590	10/20/20 14:31	LDC	TAL PEN
Total/NA	Prep	7470A			506379	10/13/20 08:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	506663	10/13/20 12:53	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	507023	10/15/20 16:55	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	507331	10/19/20 12:25	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507475	10/20/20 11:12	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	507476	10/20/20 12:20	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507990	10/09/20 07:36	IDE	TAL PEN

Client Sample ID: MW-305

Lab Sample ID: 400-194247-3

Date Collected: 10/09/20 08:45

Matrix: Water

Date Received: 10/09/20 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 21:58	LDC	TAL PEN
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	507590	10/20/20 14:35	LDC	TAL PEN
Total/NA	Prep	7470A			506379	10/13/20 08:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	506663	10/13/20 12:55	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	507023	10/15/20 16:55	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	507331	10/19/20 12:25	NT	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194247-1
SDG: Downgradient C

Client Sample ID: MW-305
Date Collected: 10/09/20 08:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 F C		1	507475	10/20/20 11:14	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	507476	10/20/20 11:26	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507990	10/09/20 08:45	IDE	TAL PEN

Client Sample ID: DUP-03
Date Collected: 10/09/20 07:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 22:02	LDC	TAL PEN
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	507590	10/20/20 14:39	LDC	TAL PEN
Total/NA	Prep	7470A			506379	10/13/20 08:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	506663	10/13/20 13:02	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	507023	10/15/20 16:55	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	507331	10/19/20 12:28	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507475	10/20/20 11:18	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	507476	10/20/20 11:53	NT	TAL PEN
Total/NA	Analysis	Field Sampling		1	507990	10/09/20 07:45	IDE	TAL PEN

Client Sample ID: FB-02
Date Collected: 10/09/20 08:40
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 22:13	LDC	TAL PEN
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	507590	10/20/20 14:54	LDC	TAL PEN
Total/NA	Prep	7470A			506379	10/13/20 08:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	506663	10/13/20 13:04	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	507023	10/15/20 16:55	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	507524	10/20/20 14:18	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507475	10/20/20 11:29	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	507476	10/20/20 11:53	NT	TAL PEN

Client Sample ID: EB-02
Date Collected: 10/09/20 08:15
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	506715	10/13/20 22:17	LDC	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194247-1
SDG: Downgradient C

Client Sample ID: EB-02

Date Collected: 10/09/20 08:15
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	507590	10/20/20 14:58	LDC	TAL PEN
Total Recoverable	Prep	3005A			506487	10/12/20 18:12	KWN	TAL PEN
Total Recoverable	Analysis	6020		10	507590	10/20/20 15:02	LDC	TAL PEN
Total/NA	Prep	7470A			506379	10/13/20 08:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	506663	10/13/20 13:06	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	507023	10/15/20 16:55	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	507524	10/20/20 14:18	NT	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	507475	10/20/20 11:38	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	507476	10/20/20 11:53	NT	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Prep Batch: 506182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	7470A	
400-194247-2	MW-304	Total/NA	Water	7470A	
400-194247-3	MW-305	Total/NA	Water	7470A	
400-194247-4	DUP-03	Total/NA	Water	7470A	
400-194247-5	FB-02	Total/NA	Water	7470A	
400-194247-6	EB-02	Total/NA	Water	7470A	
MB 400-506379/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-506379/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-194247-3 MS	MW-305	Total/NA	Water	7470A	
400-194247-3 MSD	MW-305	Total/NA	Water	7470A	

Prep Batch: 506378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total Recoverable	Water	3005A	
400-194247-2	MW-304	Total Recoverable	Water	3005A	
400-194247-3	MW-305	Total Recoverable	Water	3005A	
400-194247-4	DUP-03	Total Recoverable	Water	3005A	
400-194247-5	FB-02	Total Recoverable	Water	3005A	
400-194247-6	EB-02	Total Recoverable	Water	3005A	
MB 400-506487/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-506487/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-194247-1 MS	MW-300	Total Recoverable	Water	3005A	
400-194247-1 MSD	MW-300	Total Recoverable	Water	3005A	

Analysis Batch: 506661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	7470A	506379
400-194247-2	MW-304	Total/NA	Water	7470A	506379
400-194247-3	MW-305	Total/NA	Water	7470A	506379
400-194247-4	DUP-03	Total/NA	Water	7470A	506379
400-194247-5	FB-02	Total/NA	Water	7470A	506379
400-194247-6	EB-02	Total/NA	Water	7470A	506379
MB 400-506379/14-A	Method Blank	Total/NA	Water	7470A	506379
LCS 400-506379/15-A	Lab Control Sample	Total/NA	Water	7470A	506379
400-194247-3 MS	MW-305	Total/NA	Water	7470A	506379
400-194247-3 MSD	MW-305	Total/NA	Water	7470A	506379

Analysis Batch: 506895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total Recoverable	Water	6020	506487
400-194247-2	MW-304	Total Recoverable	Water	6020	506487
400-194247-3	MW-305	Total Recoverable	Water	6020	506487
400-194247-4	DUP-03	Total Recoverable	Water	6020	506487
400-194247-5	FB-02	Total Recoverable	Water	6020	506487
400-194247-6	EB-02	Total Recoverable	Water	6020	506487
MB 400-506487/1-A ^5	Method Blank	Total Recoverable	Water	6020	506487
LCS 400-506487/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	506487
400-194247-1 MS	MW-300	Total Recoverable	Water	6020	506487
400-194247-1 MSD	MW-300	Total Recoverable	Water	6020	506487

Metals

Analysis Batch: 508520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total Recoverable	Water	6020	506487
400-194247-2	MW-304	Total Recoverable	Water	6020	506487
400-194247-2	MW-304	Total Recoverable	Water	6020	506487
400-194247-3	MW-305	Total Recoverable	Water	6020	506487
400-194247-4	DUP-03	Total Recoverable	Water	6020	506487
400-194247-5	FB-02	Total Recoverable	Water	6020	506487
400-194247-6	EB-02	Total Recoverable	Water	6020	506487
400-194247-6	EB-02	Total Recoverable	Water	6020	506487
MB 400-506487/1-A ^5	Method Blank	Total Recoverable	Water	6020	506487
LCS 400-506487/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	506487
400-194247-1 MS	MW-300	Total Recoverable	Water	6020	506487
400-194247-1 MSD	MW-300	Total Recoverable	Water	6020	506487

General Chemistry

Analysis Batch: 508041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	SM 2540C	
400-194247-2	MW-304	Total/NA	Water	SM 2540C	
400-194247-3	MW-305	Total/NA	Water	SM 2540C	
400-194247-4	DUP-03	Total/NA	Water	SM 2540C	
400-194247-5	FB-02	Total/NA	Water	SM 2540C	
400-194247-6	EB-02	Total/NA	Water	SM 2540C	
MB 400-507023/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-507023/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-194213-D-3 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 508119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	SM 4500 Cl- E	
400-194247-2	MW-304	Total/NA	Water	SM 4500 Cl- E	
400-194247-3	MW-305	Total/NA	Water	SM 4500 Cl- E	
400-194247-4	DUP-03	Total/NA	Water	SM 4500 Cl- E	
MB 400-507331/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-507331/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-507331/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-194247-1 MS	MW-300	Total/NA	Water	SM 4500 Cl- E	
400-194247-1 MSD	MW-300	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 508385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	SM 4500 F C	
400-194247-2	MW-304	Total/NA	Water	SM 4500 F C	
400-194247-3	MW-305	Total/NA	Water	SM 4500 F C	
400-194247-4	DUP-03	Total/NA	Water	SM 4500 F C	
400-194247-5	FB-02	Total/NA	Water	SM 4500 F C	
400-194247-6	EB-02	Total/NA	Water	SM 4500 F C	
MB 400-507475/14	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-507475/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-194247-5 MS	FB-02	Total/NA	Water	SM 4500 F C	
400-194247-5 MSD	FB-02	Total/NA	Water	SM 4500 F C	

General Chemistry

Analysis Batch: 508386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	SM 4500 SO4 E	
400-194247-2	MW-304	Total/NA	Water	SM 4500 SO4 E	
400-194247-3	MW-305	Total/NA	Water	SM 4500 SO4 E	
400-194247-4	DUP-03	Total/NA	Water	SM 4500 SO4 E	
400-194247-5	FB-02	Total/NA	Water	SM 4500 SO4 E	
400-194247-6	EB-02	Total/NA	Water	SM 4500 SO4 E	
MB 400-507476/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-507476/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-507476/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-194247-1 MS	MW-300	Total/NA	Water	SM 4500 SO4 E	
400-194247-1 MSD	MW-300	Total/NA	Water	SM 4500 SO4 E	
400-194247-B-17 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-194247-B-17 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 508543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-5	FB-02	Total/NA	Water	SM 4500 Cl- E	
400-194247-6	EB-02	Total/NA	Water	SM 4500 Cl- E	
MB 400-507524/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-507524/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-507524/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-194247-B-12 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-194247-B-12 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 508220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	Field Sampling	
400-194247-2	MW-304	Total/NA	Water	Field Sampling	
400-194247-3	MW-305	Total/NA	Water	Field Sampling	
400-194247-4	DUP-03	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-506418/A-^ r 5
MatxiW T atex
^ nalcsis Batvh: 5068A5

Client Sample ID: Method Blank
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Antimony	0.0015	U	0.0025	0.0015	mg/L		10/12/20 18:12	10/13/20 21:27	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		10/12/20 18:12	10/13/20 21:27	5
Barium	0.00070	U	0.0025	0.00070	mg/L		10/12/20 18:12	10/13/20 21:27	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		10/12/20 18:12	10/13/20 21:27	5
Boron	0.018	U	0.050	0.018	mg/L		10/12/20 18:12	10/13/20 21:27	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		10/12/20 18:12	10/13/20 21:27	5
Calcium	0.13	U	0.25	0.13	mg/L		10/12/20 18:12	10/13/20 21:27	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		10/12/20 18:12	10/13/20 21:27	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		10/12/20 18:12	10/13/20 21:27	5
Lead	0.00029	U	0.0013	0.00029	mg/L		10/12/20 18:12	10/13/20 21:27	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		10/12/20 18:12	10/13/20 21:27	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		10/12/20 18:12	10/13/20 21:27	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		10/12/20 18:12	10/13/20 21:27	5

Lab Sample ID: MB 400-506418/A-^ r 5
MatxiW T atex
^ nalcsis Batvh: 508590

Client Sample ID: Method Blank
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Selenium	0.00082	U	0.0013	0.00082	mg/L		10/12/20 18:12	10/20/20 14:08	5

Lab Sample ID: LCS 400-506418/2-^ r 5
MatxiW T atex
^ nalcsis Batvh: 5068A5

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Antimony			0.0500	0.0524		mg/L		105	80 - 120		
Arsenic			0.0500	0.0522		mg/L		104	80 - 120		
Barium			0.0500	0.0463		mg/L		93	80 - 120		
Beryllium			0.0500	0.0519		mg/L		104	80 - 120		
Boron			0.100	0.100		mg/L		100	80 - 120		
Cadmium			0.0500	0.0530		mg/L		106	80 - 120		
Calcium			5.00	4.67		mg/L		93	80 - 120		
Chromium			0.0500	0.0523		mg/L		105	80 - 120		
Cobalt			0.0500	0.0521		mg/L		104	80 - 120		
Lead			0.0500	0.0513		mg/L		103	80 - 120		
Lithium			0.0500	0.0502		mg/L		100	80 - 120		
Molybdenum			0.0500	0.0513		mg/L		103	80 - 120		
Thallium			0.0100	0.0106		mg/L		106	80 - 120		

Lab Sample ID: LCS 400-506418/2-^ r 5
MatxiW T atex
^ nalcsis Batvh: 508590

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Selenium			0.0500	0.0521		mg/L		104	80 - 120		

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-A94248-A MS
MatxiW T atex
^ nalcsis Batvh: 5068A5

Client Sample ID: MT -300
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits
Antimony	0.0015	U	0.0500	0.0581		mg/L		116	75 - 125
Arsenic	0.00039	U	0.0500	0.0505		mg/L		101	75 - 125
Barium	0.011		0.0500	0.0558		mg/L		90	75 - 125
Beryllium	0.00017	U	0.0500	0.0522		mg/L		104	75 - 125
Boron	0.025	I	0.100	0.137		mg/L		112	75 - 125
Cadmium	0.00028	U	0.0500	0.0533		mg/L		107	75 - 125
Calcium	0.58		5.00	5.37		mg/L		96	75 - 125
Chromium	0.0010	U	0.0500	0.0521		mg/L		104	75 - 125
Cobalt	0.00056	U	0.0500	0.0526		mg/L		105	75 - 125
Lead	0.00029	U	0.0500	0.0517		mg/L		103	75 - 125
Lithium	0.0019	U	0.0500	0.0531		mg/L		106	75 - 125
Molybdenum	0.0045	U	0.0500	0.0513		mg/L		103	75 - 125
Thallium	0.00012	U	0.0100	0.0107		mg/L		107	75 - 125

Lab Sample ID: 400-A94248-A MS
MatxiW T atex
^ nalcsis Batvh: 508590

Client Sample ID: MT -300
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits
Selenium	0.00082	U	0.0500	0.0522		mg/L		104	75 - 125

Lab Sample ID: 400-A94248-A MSD
MatxiW T atex
^ nalcsis Batvh: 5068A5

Client Sample ID: MT -300
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Antimony	0.0015	U	0.0500	0.0545		mg/L		109	75 - 125	6	20
Arsenic	0.00039	U	0.0500	0.0523		mg/L		105	75 - 125	4	20
Barium	0.011		0.0500	0.0542		mg/L		87	75 - 125	3	20
Beryllium	0.00017	U	0.0500	0.0518		mg/L		104	75 - 125	1	20
Boron	0.025	I	0.100	0.134		mg/L		109	75 - 125	2	20
Cadmium	0.00028	U	0.0500	0.0520		mg/L		104	75 - 125	3	20
Calcium	0.58		5.00	5.68		mg/L		102	75 - 125	5	20
Chromium	0.0010	U	0.0500	0.0533		mg/L		107	75 - 125	2	20
Cobalt	0.00056	U	0.0500	0.0514		mg/L		103	75 - 125	2	20
Lead	0.00029	U	0.0500	0.0516		mg/L		103	75 - 125	0	20
Lithium	0.0019	U	0.0500	0.0517		mg/L		103	75 - 125	3	20
Molybdenum	0.0045	U	0.0500	0.0523		mg/L		105	75 - 125	2	20
Thallium	0.00012	U	0.0100	0.0105		mg/L		105	75 - 125	2	20

Lab Sample ID: 400-A94248-A MSD
MatxiW T atex
^ nalcsis Batvh: 508590

Client Sample ID: MT -300
Pxep ycpe: yotal Revo7exable
Pxep Batvh: 506418

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Selenium	0.00082	U	0.0500	0.0516		mg/L		103	75 - 125	1	20

Method: 8480^ - Mexvuxc (CV^^)

Lab Sample ID: MB 400-506389/A4-^
MatxiW T atex
^nalcsis Batvh: 506663

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^
Pxep Batvh: 506389

^nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^nalczed	Dil Fav
Mercury	0.000070	U	0.00020	0.000070	mg/L		10/13/20 08:30	10/13/20 12:41	1

Lab Sample ID: LCS 400-506389/A5-^
MatxiW T atex
^nalcsis Batvh: 506663

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^
Pxep Batvh: 506389

^nalcte			Spike ^dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Mercury			0.00101	0.00118		mg/L		118	80 - 120		

Lab Sample ID: 400-A94248-3 MS
MatxiW T atex
^nalcsis Batvh: 506663

Client Sample ID: MT -305
Pxep ycpe: yotal/N^
Pxep Batvh: 506389

^nalcte	Sample Result	Sample Qualifiex	Spike ^dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Mercury	0.00014	I	0.00201	0.000070	U J3	mg/L		0	80 - 120		

Lab Sample ID: 400-A94248-3 MSD
MatxiW T atex
^nalcsis Batvh: 506663

Client Sample ID: MT -305
Pxep ycpe: yotal/N^
Pxep Batvh: 506389

^nalcte	Sample Result	Sample Qualifiex	Spike ^dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Mercury	0.00014	I	0.00201	0.000070	U J3	mg/L		0	80 - 120	NC	20

Method: SM 2540C - Solids, yotal Dissol7ed (yDS)

Lab Sample ID: MB 400-508023/A
MatxiW T atex
^nalcsis Batvh: 508023

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^nalczed	Dil Fav
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/15/20 16:55	1

Lab Sample ID: LCS 400-508023/2
MatxiW T atex
^nalcsis Batvh: 508023

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^nalcte			Spike ^dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Total Dissolved Solids			293	354		mg/L		121	78 - 122		

Lab Sample ID: 400-A942A3-D-3 DU
MatxiW T atex
^nalcsis Batvh: 508023

Client Sample ID: Duplivate
Pxep ycpe: yotal/N^

^nalcte	Sample Result	Sample Qualifiex		DU Result	DU Qualifiex	Unit	D			RPD	RPD Limit
Total Dissolved Solids	82			104	J3	mg/L				24	5

Method: SM 4500 Cl- E - Chloxide, yotal

Lab Sample ID: MB 400-50833A/6
Client Sample ID: Method Blank
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 50833A

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Chloride	1.4	U	2.0	1.4	mg/L			10/19/20 12:25	1

Lab Sample ID: LCS 400-50833A/8
Client Sample ID: Lab Contxol Sample
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 50833A

^ nalcte	Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits
Chloride	30.0	30.7		mg/L		102	90 - 110

Lab Sample ID: MRL 400-50833A/3
Client Sample ID: Lab Contxol Sample
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 50833A

^ nalcte	Spike ^ dded	MRL Result	MRL Qualifiex	Unit	D	%Rev	%Rev. Limits
Chloride	2.00	1.99	I	mg/L		100	50 - 150

Lab Sample ID: 400-A94248-A MS
Client Sample ID: MT -300
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 50833A

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits
Chloride	8.9		10.0	19.7		mg/L		108	73 - 120

Lab Sample ID: 400-A94248-A MSD
Client Sample ID: MT -300
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 50833A

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Chloride	8.9		10.0	19.8		mg/L		109	73 - 120	1	8

Lab Sample ID: MB 400-508524/6
Client Sample ID: Method Blank
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 508524

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Chloride	1.4	U	2.0	1.4	mg/L			10/20/20 14:15	1

Lab Sample ID: LCS 400-508524/8
Client Sample ID: Lab Contxol Sample
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 508524

^ nalcte	Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits
Chloride	30.0	30.7		mg/L		102	90 - 110

Lab Sample ID: MRL 400-508524/3
Client Sample ID: Lab Contxol Sample
MatxiW T atex
Pxep ycpe: yotal/N^
^ nalcsis Batvh: 508524

^ nalcte	Spike ^ dded	MRL Result	MRL Qualifiex	Unit	D	%Rev	%Rev. Limits
Chloride	2.00	2.07		mg/L		104	50 - 150

Method: SM 4500 Cl- E - Chloxide, yotal

Lab Sample ID: 400-A94248-B-A2 MS
MatxiW T atex
^ nalcsis Batvh: 508524

Client Sample ID: MatxiWSpike
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Chloride	40		10.0	46.9	J3	mg/L		65	73 - 120		

Lab Sample ID: 400-A94248-B-A2 MSD
MatxiW T atex
^ nalcsis Batvh: 508524

Client Sample ID: MatxiWSpike Duplivate
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Chloride	40		10.0	46.7	J3	mg/L		62	73 - 120	1	8

Method: SM 4500 F C - Fluoxide

Lab Sample ID: MB 400-508485/A4
MatxiW T atex
^ nalcsis Batvh: 508485

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Fluoride	0.032	U	0.10	0.032	mg/L			10/20/20 10:28	1

Lab Sample ID: LCS 400-508485/AA
MatxiW T atex
^ nalcsis Batvh: 508485

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Fluoride			4.00	4.33		mg/L		108	90 - 110		

Lab Sample ID: 400-A94248-5 MS
MatxiW T atex
^ nalcsis Batvh: 508485

Client Sample ID: FB-02
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Fluoride	0.032	U	1.00	1.04		mg/L		104	75 - 125		

Lab Sample ID: 400-A94248-5 MSD
MatxiW T atex
^ nalcsis Batvh: 508485

Client Sample ID: FB-02
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Fluoride	0.032	U	1.00	1.00		mg/L		100	75 - 125	4	4

Method: SM 4500 SO4 E - Sulfate, yotal

Lab Sample ID: MB 400-508486/6
MatxiW T atex
^ nalcsis Batvh: 508486

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Sulfate	1.4	U	5.0	1.4	mg/L			10/20/20 11:25	1

Method: SM 4500 SO4 E - Sulfate, yotal (Continued)

Lab Sample ID: LCS 400-508486/8
MatxiW T atex
^ nalcsis Batvh: 508486

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte	Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits
Sulfate	15.0	15.4		mg/L		103	90 - 110

Lab Sample ID: MRL 400-508486/3
MatxiW T atex
^ nalcsis Batvh: 508486

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte	Spike ^ dded	MRL Result	MRL Qualifiex	Unit	D	%Rev	%Rev. Limits
Sulfate	15.0	15.4		mg/L		103	50 - 150

Lab Sample ID: 400-A94248-A MS
MatxiW T atex
^ nalcsis Batvh: 508486

Client Sample ID: MT -300
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits
Sulfate	1.4	U	10.0	11.4		mg/L		114	77 - 128

Lab Sample ID: 400-A94248-A MSD
MatxiW T atex
^ nalcsis Batvh: 508486

Client Sample ID: MT -300
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	11.3		mg/L		113	77 - 128	0	5

Lab Sample ID: 400-A94248-B-A8 MS
MatxiW T atex
^ nalcsis Batvh: 508486

Client Sample ID: MatxiWSpike
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits
Sulfate	24		10.0	31.0	J3	mg/L		73	77 - 128

Lab Sample ID: 400-A94248-B-A8 MSD
MatxiW T atex
^ nalcsis Batvh: 508486

Client Sample ID: MatxiWSpike Duplivate
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Sulfate	24		10.0	30.9	J3	mg/L		73	77 - 128	0	5

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-96740-23629.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: 2000339513			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-194247 COC

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride		Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N			
MW-300	10/9/20	0900	G	Water			X	X	X	X	X	X			
[redacted]	~~10/9/20~~			Water											
MW-304	10/9/20	0736		Water			X	X	X	X	X	X			
MW-305	10/9/20	0845		Water			X	X	X	X	X	X			
[redacted]				Water											
DUP-03	10/9/20	0745		Water			X	X	X	X	X	X	X		
FB-02	10/9/20	0840		Water			X	X	X	X	X	X	X		
EB-02	10/9/20	0815	G	Water			X	X	X	X	X	X	X		
													pH		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	10/9/20 1445	ROM	[signature]	10/9/2014:45	[signature]
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.8C IR9, 5.1C, OOC

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-194247-1
SDG Number: Downgradient C

Login Number: 194247
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.8, 5.1, 0.0°C IR9, 3.9°C, 1.4°C IR-9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Pro/eSt R s ite: CCB Plant Crikt

Job ID: 400-194j 4c-1
s DG: Downgradient C

Laboratory: Eurofins TestAmerica, Pensacola

All aSSreditationk RSertifiSationk held by thik laboratory are likted. Not all aSSreditationk RSertifiSationk are appliSable to thik report.

Authority	Program	Identification Number	Expiration Date
Alabama	state	40150	06-30-j 1
ANA2	Is ORREC 1c0j 5	7j 4c1	0j -j 3-j 3
AriLona	state	Az 0c10	01-13-j 1
ArZankak DEQ	state	88-0689	09-0j -j 1
California	state	j 510	06-30-j 1
Florida	NE7AP	E81010	06-30-j 1
Georgia	state	E81010(F7)	06-30-j 1
Illinoik	NE7AP	004586	10-09-j 1
Iowa	state	36c	08-01-j j
Kankak	NE7AP	E-10j 53	10-31-j 0
KentuSZy (Us T)	state	53	06-30-j 1
KentuSZy (WW)	state	KY98030	1j -31-j 0
7ouikiana	NE7AP	309c6	06-30-j 1
7ouikiana (DW)	state	7A01c	1j -31-j 0
Maryland	state	j 33	09-30-j 1
MakkaShukettk	state	M-F7094	06-30-j 1
MiShigan	state	991j	06-30-j 1
Minnekota	NE7AP	01j -999-481	1j -31-j 0
New Jerkey	NE7AP	F7006	06-30-j 1
New YorZ	NE7AP	1j 115	04-01-j 1
North Carolina (WWR S W)	state	314	1j -31-j 0
OZlahoma	state	9810-186	08-31-j 1
Pennkylvania	NE7AP	68-0046c	01-31-j 1
Bhode Ikland	state	7AO0030c	1j -30-j 0
south Carolina	state	960j 600j	06-30-j 1
Tennekkee	state	TN0j 90c	06-30-j 1
Texak	NE7AP	T104c04j 86	09-30-j 1
Us Fikh & Wildlife	Us Federal Programk	058448	0c-31-j 1
Us DA	Us Federal Programk	P330-18-00148	05-1c-j 1
Virginia	NE7AP	460166	06-14-j 1
Wakhington	state	C915	05-15-j 1
Wekt Virginia DEP	state	136	1j -31-j 0

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-194247-2
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
12/4/2020 10:38:01 AM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-194742-7

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-194742-7

RAD

Method 9315: 9315 Prep Batch: 160-485378. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-300 (400-194247-1), MW-304 (400-194247-2), MW-305 (400-194247-3), DUP-03 (400-194247-4), FB-02 (400-194247-5) and EB-02 (400-194247-6)

Method 9320: 9320 prep batch 160-485385. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-300 (400-194247-1), MW-304 (400-194247-2), MW-305 (400-194247-3), DUP-03 (400-194247-4), FB-02 (400-194247-5) and EB-02 (400-194247-6)

Method PrecSep_0: Radium 228 Prep Batch 160-485385. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-300 (400-194247-1), MW-304 (400-194247-2), MW-305 (400-194247-3), DUP-03 (400-194247-4), FB-02 (400-194247-5) and EB-02 (400-194247-6). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 Prep Batch 160-485378. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-300 (400-194247-1), MW-304 (400-194247-2), MW-305 (400-194247-3), DUP-03 (400-194247-4), FB-02 (400-194247-5) and EB-02 (400-194247-6). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194742-7
SDG: Downgradient C

Method	Method Description	Protocol	Laboratory
9315	Radium-776 (GFPC)	SW846	TAL SL
9370	Radium-778 (GFPC)	SW846	TAL SL
Ra776_Ra778	Combined Radium-776 and Radium-778	TAL-STL	TAL SL
PrecSep_0	Preparation, Precipitate Separation	None	TAL SL
PrecSep-71	Preparation, Precipitate Separation (71-Day In-Growth)	None	TAL SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13215 Rider Trail North, Earth City, MO 63045, TEL (314)798-8566

Sample Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194247-2
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-194247-1	MW-300	Water	10/09/20 09:00	10/09/20 14:45	
400-194247-2	MW-304	Water	10/09/20 07:36	10/09/20 14:45	
400-194247-3	MW-305	Water	10/09/20 08:45	10/09/20 14:45	
400-194247-4	DUP-03	Water	10/09/20 07:45	10/09/20 14:45	
400-194247-5	FB-02	Water	10/09/20 08:40	10/09/20 14:45	
400-194247-6	EB-02	Water	10/09/20 08:15	10/09/20 14:45	

Client Sample ID: MW-300

Date Collected: 10/09/20 09:00
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-1

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.580		0.222	0.228	1.00	0.245	pCi/L	10/13/20 13:16	11/26/20 10:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.0*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:29*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.13		0.561	0.678	1.00	0.513	pCi/L	10/13/20 13:46	11/24/20 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.0*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*
Y Carrier	*78.1*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	4.71		0.603	0.715	5.00	0.513	pCi/L		12/02/20 22:43	1

Client Sample ID: MW-304

Date Collected: 10/09/20 07:36
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-2

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.553		0.213	0.219	1.00	0.226	pCi/L	10/13/20 13:16	11/26/20 10:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:29*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.03		0.363	0.375	1.00	0.481	pCi/L	10/13/20 13:46	11/24/20 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*
Y Carrier	*77.4*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.58		0.421	0.434	5.00	0.481	pCi/L		12/02/20 22:43	1

Client Sample ID: MW-305

Date Collected: 10/09/20 08:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-3

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.102	U	0.181	0.181	1.00	0.315	pCi/L	10/13/20 13:16	11/26/20 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.7*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:30*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.756**		0.374	0.381	1.00	0.549	pCi/L	10/13/20 13:46	11/24/20 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.7*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*
Y Carrier	*80.4*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.858**		0.415	0.422	5.00	0.549	pCi/L		12/02/20 22:43	1

Client Sample ID: DUP-03

Date Collected: 10/09/20 07:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-4

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.676		0.225	0.233	1.00	0.233	pCi/L	10/13/20 13:16	11/26/20 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:30*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.878		0.328	0.338	1.00	0.459	pCi/L	10/13/20 13:46	11/24/20 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*
Y Carrier	*85.6*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:37*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.55		0.398	0.411	5.00	0.459	pCi/L		12/02/20 22:43	1

Client Sample ID: FB-02

Date Collected: 10/09/20 08:40
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-5

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0502	U	0.0888	0.0889	1.00	0.220	pCi/L	10/13/20 13:16	11/26/20 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.0*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:30*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0428	U	0.288	0.288	1.00	0.523	pCi/L	10/13/20 13:46	11/24/20 11:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.0*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:40*	*1*
Y Carrier	*83.0*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:40*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0930	U	0.301	0.301	5.00	0.523	pCi/L		12/02/20 22:43	1

Client Sample ID: EB-02

Date Collected: 10/09/20 08:15
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-6

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.103	U	0.150	0.150	1.00	0.254	pCi/L	10/13/20 13:16	11/26/20 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:30*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.110	U	0.237	0.238	1.00	0.449	pCi/L	10/13/20 13:46	11/24/20 11:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:40*	*1*
Y Carrier	*78.9*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:40*	*1*

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.00674	U	0.280	0.281	5.00	0.449	pCi/L		12/02/20 22:43	1

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194742-7
SDG: Downgradient C

Client Sample ID: MW-300
Date Collected: 10/09/20 09:00
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-71			485328	10/13/70 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490797	11/76/70 10:79	CF F	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/70 13:46	AVB	TAL SL
Total/NA	Analysis	9370		1	490170	11/74/70 11:32	WLC	TAL SL
Total/NA	Analysis	Ra776_Ra778		1	490225	17/07/70 77:43	GR=	TAL SL

Client Sample ID: MW-304
Date Collected: 10/09/20 07:36
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-71			485328	10/13/70 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490797	11/76/70 10:79	CF F	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/70 13:46	AVB	TAL SL
Total/NA	Analysis	9370		1	490170	11/74/70 11:32	WLC	TAL SL
Total/NA	Analysis	Ra776_Ra778		1	490225	17/07/70 77:43	GR=	TAL SL

Client Sample ID: MW-305
Date Collected: 10/09/20 08:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-71			485328	10/13/70 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490797	11/76/70 10:30	CF F	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/70 13:46	AVB	TAL SL
Total/NA	Analysis	9370		1	490170	11/74/70 11:32	WLC	TAL SL
Total/NA	Analysis	Ra776_Ra778		1	490225	17/07/70 77:43	GR=	TAL SL

Client Sample ID: DUP-03
Date Collected: 10/09/20 07:45
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-71			485328	10/13/70 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490797	11/76/70 10:30	CF F	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/70 13:46	AVB	TAL SL
Total/NA	Analysis	9370		1	490170	11/74/70 11:32	WLC	TAL SL
Total/NA	Analysis	Ra776_Ra778		1	490225	17/07/70 77:43	GR=	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194742-7
SDG: Downgradient C

Client Sample ID: FB-02
Date Collected: 10/09/20 08:40
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-71			485328	10/13/70 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490797	11/76/70 10:30	CF F	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/70 13:46	AVB	TAL SL
Total/NA	Analysis	9370		1	490171	11/74/70 11:40	WLC	TAL SL
Total/NA	Analysis	Ra776_Ra778		1	490225	17/07/70 77:43	GR=	TAL SL

Client Sample ID: EB-02
Date Collected: 10/09/20 08:15
Date Received: 10/09/20 14:45

Lab Sample ID: 400-194247-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-71			485328	10/13/70 13:16	AVB	TAL SL
Total/NA	Analysis	9315		1	490797	11/76/70 10:30	CF F	TAL SL
Total/NA	Prep	PrecSep_0			485385	10/13/70 13:46	AVB	TAL SL
Total/NA	Analysis	9370		1	490171	11/74/70 11:40	WLC	TAL SL
Total/NA	Analysis	Ra776_Ra778		1	490225	17/07/70 77:43	GR=	TAL SL

Laboratory References:

TAL SL . Eurofins TestAmerica, SthLouis, 13215 Rider Trail NortM EartMCity, F O 63045, TEL (314)798-8566

Rad

Prep Batch: 485368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	PrecSep-21	
400-194247-2	MW-304	Total/NA	Water	PrecSep-21	
400-194247-3	MW-305	Total/NA	Water	PrecSep-21	
400-194247-4	DUP-03	Total/NA	Water	PrecSep-21	
400-194247-5	FB-02	Total/NA	Water	PrecSep-21	
400-194247-6	EB-02	Total/NA	Water	PrecSep-21	
MB 160-485378/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-485378/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-485378/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 485385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-194247-1	MW-300	Total/NA	Water	PrecSep_0	
400-194247-2	MW-304	Total/NA	Water	PrecSep_0	
400-194247-3	MW-305	Total/NA	Water	PrecSep_0	
400-194247-4	DUP-03	Total/NA	Water	PrecSep_0	
400-194247-5	FB-02	Total/NA	Water	PrecSep_0	
400-194247-6	EB-02	Total/NA	Water	PrecSep_0	
MB 160-485385/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-485385/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-485385/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-4853/ 8A23-r
MatxiW T atex
r nalNsis Bat7h: 490292

Client Sample ID: Method Blank
Pxep yNpe: yotalAc r
Pxep Bat7h: 4853/ 8

r nalNte	MB Result	MB Qualifiex	Count Un7ext. (2σ+A)	yotal Un7ext. (2σ+A)	RL	MDC	Unit	Pxepaxed	r nalNzed	Dil Fa7
Radium-776	0.05926	U	0.170	0.170	1.00	0.716	pCi/L	10/13/70 13:16	11/76/70 10:31	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*40 - 110*	*10/13/20 13:16*	*11/26/20 10:31*	*1*

Lab Sample ID: LCS 160-4853/ 8A1-r
MatxiW T atex
r nalNsis Bat7h: 490561

Client Sample ID: Lab Contxol Sample
Pxep yNpe: yotalAc r
Pxep Bat7h: 4853/ 8

r nalNte			Spike r dded	LCS Result	LCS Qual	yotal Un7ext. (2σ+A)	RL	MDC	Unit	%Re7	%Re7. Limits		
Radium-776			11.3	10.99		1.12	1.00	0.142	pCi/L	92	25 - 175		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.3*		*40 - 110*

Lab Sample ID: LCSD 160-4853/ 8A2-r
MatxiW T atex
r nalNsis Bat7h: 4902/ 3

Client Sample ID: Lab Contxol Sample Dup
Pxep yNpe: yotalAc r
Pxep Bat7h: 4853/ 8

r nalNte			Spike r dded	LCSD Result	LCSD Qual	yotal Un7ext. (2σ+A)	RL	MDC	Unit	%Re7	%Re7. Limits	RER	RER Limit
Radium-776			11.3	9.207		1.18	1.00	0.708	pCi/L	86	25 - 175	0.55	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*89.3*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-485385A23-r
MatxiW T atex
r nalNsis Bat7h: 490121

Client Sample ID: Method Blank
Pxep yNpe: yotalAc r
Pxep Bat7h: 485385

r nalNte	MB Result	MB Qualifiex	Count Un7ext. (2σ+A)	yotal Un7ext. (2σ+A)	RL	MDC	Unit	Pxepaxed	r nalNzed	Dil Fa7
Radium-778	-0.07219	U	0.741	0.741	1.00	0.438	pCi/L	10/13/70 13:46	11/74/70 11:41	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:41*	*1*
Y Carrier	*83.4*		*40 - 110*	*10/13/20 13:46*	*11/24/20 11:41*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-485385/1-r | **Client Sample ID: Lab Control Sample**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 490120 | **Prep Batch: 485385**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-778			2.63	2.771		0.933	1.00	0.488	pCi/L	95	25 - 175		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.3*		*40 - 110*
Y Carrier	*83.0*		*40 - 110*

Lab Sample ID: LCSD 160-485385/2-r | **Client Sample ID: Lab Control Sample Dup**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 490120 | **Prep Batch: 485385**

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-778			2.63	6.072		0.812	1.00	0.466	pCi/L	29	25 - 175	0.68	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*89.3*		*40 - 110*
Y Carrier	*80.4*		*40 - 110*

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-96740-23629.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com		Page: Page 1 of 1
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: 2000339513			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-194247 COC

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride		Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N			
MW-300	10/9/20	0900	G	Water			X	X	X	X	X	X			
[redacted]	~~10/9/20~~			Water											
MW-304	10/9/20	0736		Water			X	X	X	X	X	X			
MW-305	10/9/20	0845		Water			X	X	X	X	X	X			
[redacted]				Water											
DUP-03	10/9/20	0745		Water			X	X	X	X	X	X	X		
FB-02	10/9/20	0840		Water			X	X	X	X	X	X	X		
EB-02	10/9/20	0815	G	Water			X	X	X	X	X	X	X		
													pH		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/9/20 1445	ROM		10/9/2014:45	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.8C IR9, 5.1C OOC

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-194247-2
SDG Number: Downgradient C

Login Number: 194247
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.8, 5.1, 0.0°C IR9, 3.9°C, 1.4°C IR-9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR Plant Crist

Job ID: 400-194742-7
SDG: Downgradient C

Laboratory: Eurofins TestAmerica, StPLouis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Autl ority	hrogram	Identification Number	Expiration Date
Alaska (UST)	State	70-001	05-06-77
ANAB	Dept. of Defense ELAP	L7305	04-06-77
ANAB	Dept. of Energy	L7305.01	04-06-77
ANAB	ISO/IEC 12075	L7305	04-06-77
Arizona	State	AZ0813	17-08-70
California	Los Angeles County Sanitation Districts	10759	06-30-71
California	State	7886	06-30-71
Connecticut	State	PH-0741	03-31-71
Florida	NELAP	E82689	06-30-71
HI - RadChem Recognition	State	n/a	06-30-71
Illinois	NELAP	004553	11-30-70 *
Iowa	State	323	11-30-71
Kentucky (DW)	State	KY90175	17-31-70
Louisiana	NELAP	04080	06-30-71
Louisiana (DW)	State	LA011	17-31-70
Maryland	State	310	09-30-71
MI - RadChem Recognition	State	9005	06-30-71
Missouri	State	280	06-30-77
Nevada	State	MO000547070-1	02-31-71
New Jersey	NELAP	MO007	06-30-71
New York	NELAP	11616	04-01-71
North Dakota	State	R-702	06-30-71
NRC	NRC	74-74812-01	17-31-77
Oklahoma	State	9992	08-31-71
Oregon	NELAP	4152	09-01-71
Pennsylvania	NELAP	68-00540	07-78-71
South Carolina	State	85007001	06-30-71
Texas	NELAP	T104204193-19-13	02-31-71
US Fish & Wildlife	US Federal Programs	058448	02-31-71
USDA	US Federal Programs	P330-12-00078	03-11-73
Utah	NELAP	MO000547019-11	02-31-71
Virginia	NELAP	10310	06-14-71
Washington	State	C597	08-30-71
West Virginia DEP	State	381	10-31-71

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Geosyntec consultants

180A Market Place Boulevard
Knoxville, TN 37922
PH 865.330.0037
www.geosyntec.com

Memorandum

Date:	11 January 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverable – Eurofins TestAmerica Job ID 400-194111-1 Revision 1**

SITE: CCR Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of six aqueous samples and one field duplicate sample, collected 7 October 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, Pensacola, Florida, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020
- Mercury by US EPA Method 7470A
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C
- Chloride by SM 4500 CL-E
- Fluoride by SM 4500 F C
- Sulfate by SM 4500 SO4 E

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and

- US EPA National Functional Guidelines for Inorganic Superfund Methods Data Review, January 2017 (EPA 540-R-2017-001).

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-194111-1	MW-100
400-194111-2	MW-101
400-194111-3	MW-107
400-194111-4	MW-108

Laboratory ID	Client ID
400-194111-5	MW-306
400-194111-6	MW-307
400-194111-7	DUP-01

The samples were received within the criteria of 0-6 degrees Celsius (ºC). No preservation issues were noted by the laboratory.

The laboratory report was revised on January 8, 2021 to add the arsenic result to the method blank in batch 506024. The revised report was identified as 400-194111-1 Revision 1.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020. Mercury was assessed separately, in Section 2.0, below

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The metals data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total

number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 506024). Metals were not detected in the method blank above the method detection limits (MDLs), with the following exceptions.

Arsenic, beryllium and lithium were detected in the method blank at estimated concentrations greater than the MDLs and less than the practical quantitation limits (PQLs). Therefore, the estimated arsenic, beryllium and lithium concentrations in the associated samples were U qualified as not detected at the PQLs and based on professional and technical judgment the lithium concentrations in samples MW-100, MW-101, MW-107 and MW-306 were J+ qualified as estimated with high biases.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-100	Beryllium	0.0014	I,V	0.0025	U	3
MW-100	Lithium	0.0054	V	0.0054	J+	3
MW-101	Arsenic	0.00056	I	0.0013	U	3
MW-101	Beryllium	0.0014	I,V	0.0025	U	3
MW-101	Lithium	0.0052	V	0.0052	J+	3
MW-107	Beryllium	0.0015	I,V	0.0025	U	3
MW-107	Lithium	0.0054	V	0.0054	J+	3
MW-108	Beryllium	0.0015	I,V	0.0025	U	3
MW-108	Lithium	0.0048	I,V	0.0048	U	3
MW-306	Arsenic	0.00064	I	0.0013	U	3
MW-306	Beryllium	0.0014	I,V	0.0025	U	3
MW-306	Lithium	0.0050	V	0.0050	J+	3
MW-307	Beryllium	0.0014	I,V	0.0025	U	3
MW-307	Lithium	0.0049	I,V	0.0049	U	3
DUP-01	Beryllium	0.0015	I,V	0.0025	U	3
DUP-01	Lithium	0.0049	I,V	0.0049	U	3

I-estimated value between the MDL and PQL
V-laboratory flag defined as analyte was detected in both the sample and method blank and the sample concentration was less than ten times the method blank concentration

*Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported using sample MW-100. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

An equipment blank was not collected with the sample set.

1.7 Field Blank

A field blank was not collected with the sample set.

1.8 Field Duplicate

One field duplicate was collected with the sample set, DUP-01. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicate and the original sample, MW-107, with the following exceptions.

Chromium was not detected in DUP-01 and was detected at an estimated concentration greater than the MDL and less than the PQL, in MW-107 resulting in a noncalculable RPD. Therefore, the chromium concentration in MW-107 was J qualified as estimated and the non-detect chromium result in DUP-01 was UJ qualified as estimated less than the MDL.

Lithium was detected in DUP-01 at an estimated concentration greater than the MDL and less than the PQL and was detected in MW-107 at a concentration greater than the PQL, resulting in a noncalculable RPD. Therefore, the lithium concentrations in field duplicate pair MW-107/DUP-01 were J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-107	Chromium	0.0010	I	NC	0.001	J	7

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-01	Chromium	0.0010	U		0.001	UJ	7
MW-107	Lithium	0.0054	V	NC	0.0054	J	7
DUP-01	Lithium	0.0049	I,V		0.0049	J	7

mg/L-milligram per liter
I-estimated concentration greater than the MDL and less than the PQL
U-not detected at or above the MDL
V-laboratory flag defined as analyte was detected in both the sample and method blank and the sample concentration was less than ten times the method blank concentration
NC-not calculable

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to dilutions analyzed.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury by US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported (batches 506016 and 506274). Mercury was not detected in the method blanks above the MDL, with the following exception.

Mercury was detected in the method blank in batch 506274 at an estimated concentration greater than the MDL and less than the PQL. Therefore, the estimated mercury concentrations in the associated samples were U qualified as not detected at the PQL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-108	Mercury	0.00013	I,V	0.00020	U	3
MW-306	Mercury	0.000080	I,V	0.00020	U	3

mg/L-milligrams per liter
I-estimated value between the MDL and PQL
V-laboratory flag defined as analyte was detected in both the sample and method blank and the sample concentration was less than ten times the method blank concentration

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two batch MS/MSD pairs were reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

2.6 Equipment Blank

An equipment blank was not collected with the sample set.

2.7 Field Blank

A field blank was not collected with the sample set.

2.8 Field Duplicate

One field duplicate was collected with the sample set, DUP-01. Acceptable precision (RPD ≤ 30%) was not demonstrated between the field duplicate and the original sample, MW-107.

Mercury was not detected in DUP-01 and was detected in MW-107 at a concentration greater than the PQL, resulting in a noncalculable RPD. Therefore, the mercury concentration in MW-107 was J qualified as estimated and the non-detect mercury result in DUP-01 was UJ qualified as estimated less than the MDL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-107	Mercury	0.00025	V	NC	0.00025	J	7
DUP-01	Mercury	0.000070	U		0.000070	UJ	7

mg/L-milligram per liter
U-not detected at or above the MDL
V-laboratory flag defined as analyte was detected in both the sample and method blank and the sample concentration was less than ten times the method blank concentration
NC-not calculable

2.9 Sensitivity

The samples were reported to the MDL. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

3.0 WET CHEMISTRY

The samples were analyzed for chloride by SM 4500 Cl-E, fluoride by SM 4500 F C, sulfate by SM 4500 SO4 E and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for these analyses, for this data set is 100%.

3.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for each analysis and batch. The wet chemistry parameters were not detected in the method blanks above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

Sample set specific MS/MSD pairs were reported for chloride and sulfate using sample MW-100. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs were also reported for fluoride. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

The laboratory also analyzed method reporting limit (MRL) standards for chloride and sulfate. The MRL recoveries were within the laboratory specified acceptance criteria

3.6 Laboratory Duplicate

Batch laboratory duplicates were reported for TDS. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.7 Equipment Blank

An equipment blank was not collected with the sample set.

3.8 Field Blank

A field blank was not collected with the sample set.

3.9 Field Duplicate

One field duplicate was collected with the sample set, DUP-01. Acceptable precision (RPD $\leq$ 30%) was demonstrated between the field duplicate and the original sample, MW-107.

The RPD of TDS in the field duplicate pair DUP-01/MW-107 was greater than 30%. Therefore, the TDS concentrations in the field duplicate pair DUP-01/MW-107 were J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-107	TDS	20	NA	67	20	J	7
DUP-01	TDS	10	NA		10	J	7

mg/L-milligrams per liter
NA-not applicable

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Extraction or analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits or RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed: no validation qualification required
NV	Result not validated

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date:	January 11, 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverable – Eurofins TestAmerica Job ID 400-194111-2**

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of six water samples and one field duplicate, collected 7 October 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, St Louis, MO, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Combined Radium 226 + 228 by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- American Nuclear Society Verification and Validation of Radiological Data for Use in Management and Environmental Remediation, ANSI/ANS-41.5-2012, February 15, 2012.

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-194111-1	MW-100
400-194111-2	MW-101
400-194111-3	MW-107
400-194111-4	MW-108

Laboratory ID	Client ID
400-194111-5	MW-306
400-194111-6	MW-307
400-194111-7	DUP-01

No preservation issues were noted by the laboratory.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and combined radium 226+228 by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Laboratory Duplicate
- ✓ Tracers and Carriers
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data package are considered usable for meeting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this sample set is 100%.

1.2 Holding Times

The holding time for the radiochemistry analyses of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for radium-226 (batch 485356) and radium-228 (batch 488533). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS/LCS duplicate (LCSD) pair was reported for radium-226 and one LCS/LCSD pair was reported for radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

Laboratory duplicates were not reported.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Equipment Blank

An equipment blank was not collected with the sample set.

1.9 Field Blank

A field blank was not collected with the sample set.

1.10 Field Duplicate

One field duplicate was reported with the sample set, DUP-01. Acceptable precision (RER $\leq$ 3) was demonstrated between the field duplicate and the original sample, MW-107.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

1.12 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Extraction or analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits or RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed: no validation qualification required
NV	Result not validated

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date:	11 January 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-194170-1 and 400-194170-3**

SITE: CCR Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seven aqueous samples, one field duplicate, one equipment blank and one field blank, collected 8 October 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, Pensacola, Florida, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020
- Mercury by US EPA Method 7470A
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C
- Chloride by SM 4500 CL-E
- Fluoride by SM 4500 F C
- Sulfate by SM 4500 SO4 E

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and

- US EPA National Functional Guidelines for Inorganic Superfund Methods Data Review, January 2017 (EPA 540-R-2017-001).

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-194170-1	MW-308
400-194170-2	MW-303
400-194170-3	MW-102
400-194170-4	MW-103
400-194170-5	MW-104

Laboratory ID	Client ID
400-194170-6	MW-105
400-194170-7	MW-106
400-194170-8	DUP-02
400-194170-9	EB-01
400-194170-10	FB-01

The samples were received within the criteria of 0-6 degrees Celsius (°C). No preservation issues were noted by the laboratory.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020. Mercury was assessed separately, in Section 2.0, below

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Equipment Blank
⊗ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total

number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.1.2 Analysis Anomaly

The laboratory noted the percent relative standard deviation (%RSD) between the replicate analysis was outside the criteria for a standard in the initial calibration verification (ICV) in batch 506715. Since the ICV recoveries were within the method specified acceptance criteria and the RSDs of the ICV were within the criteria for a sample and based on professional and technical judgment, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 506182). Metals were not detected in the method blank above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported using sample MW-308. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of boron in the MS/MSD pair were low and outside the laboratory specified acceptance criteria and the calcium recovery in the MSD was high and outside the laboratory specified acceptance criteria. Since the boron and calcium concentrations in sample MW-308 were greater than four the spiked concentrations, no qualifications were applied to the data based on the MS/MSD pair results.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

One equipment blank was collected with the sample set, EB-01. Metals were not detected in the equipment blank above the MDLs, with the following exception.

Boron (0.059 mg/L) was detected in EB-01 at a concentration greater than the practical quantitation limit (PQL). Since the estimated concentrations of boron in the associated samples were U qualified due to field blank contamination, no additional qualifications were applied to sample MW-102 and MW-106. Additionally, the boron concentration in EB-01 was J+ qualified as estimated with a high bias due to field blank contamination and based on professional and technical judgment, the boron concentrations in MW-103 and MW-105 were J+ qualified as estimated with high biases

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-103	Boron	0.31	NA	0.31	J+	3
MW-105	Boron	0.37	NA	0.37	J+	3

mg/L-milligrams per liter
I-estimated value between the MDL and PQL
NA-not applicable
*Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.7 Field Blank

One field blank was collected with the sample set, FB-01. Metals were not detected in the field blank above the MDLs.

Boron was detected in FB-01 at an estimated concentration greater than the MDL and less than the PQL. Therefore, the estimated boron concentrations in the associated samples were U qualified as not detected at the PQL and based on professional and technical judgment, the boron concentration in EB-01 was J+ qualified as estimated with a high bias.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-102	Boron	0.033	I	0.050	U	3
MW-106	Boron	0.031	I	0.050	U	3
EB-01	Boron	0.059	NA	0.059	J+	3

mg/L-milligrams per liter
I-estimated value between the MDL and PQL
NA-not applicable

1.8 Field Duplicate

One field duplicate was collected with the sample set, DUP-02. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicate and the original sample, MW-104, with the following exceptions.

Arsenic were not detected in DUP-02 and was detected in MW-104 at a concentration greater than the PQL, resulting in a noncalculable RPD. Therefore, the arsenic concentration in MW-104 was J qualified as estimated and the non-detect arsenic result in DUP-02 was UJ qualified as estimated less than the MDL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-104	Arsenic	0.0019	NA	NC	0.0019	J	7
DUP-02	Arsenic	0.00039	U		0.00039	UJ	7

mg/L-milligram per liter
U-not detected at or above the MDL
NA-not applicable
NC-not calculable

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to dilutions analyzed.

1.10 Electronic Data Deliverables (EDDs) Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

2.0 MERCURY

The samples were analyzed for mercury by US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
✓ Method Blank

- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in the data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 506210). Mercury was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery result was within the laboratory specified acceptance criteria.

2.6 Equipment Blank

One equipment blank was collected with the sample set, EB-01. Mercury was not detected in the equipment blank above the MDL.

2.7 Field Blank

One field blank was collected with the sample set, FB-01. Mercury was not detected in the field blank above the MDL.

2.8 Field Duplicate

One field duplicate was collected with the sample set, DUP-02. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, MW-104.

2.9 Sensitivity

The samples were reported to the MDL. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverables Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

3.0 WET CHEMISTRY

The samples were analyzed for chloride by SM 4500 Cl-E, fluoride by SM 4500 F C, sulfate by SM 4500 SO4 E and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
⊗ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
⊗ Equipment Blank
✓ Field Blank

⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in this data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for these analyses, for this data set is 100%.

3.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses, with the following exception.

EB-01 was analyzed within and outside of the TDS outside of the holding time. Due to QC failures associated with the TDS results within the holding time, the result from outside of the holding time was considered for validation and was J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
EB-01	TDS	14	Q	14	J	2

mg/L-milligrams per liter
Q-laboratory flag indicating sample held beyond the accepted holding time

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for each analysis and batch. The wet chemistry parameters were not detected in the method blanks above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

Sample set specific MS/MSD pairs were reported for chloride using sample MW-105 and fluoride using sample MW-104. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs were also reported for chloride, fluoride and sulfate. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

The laboratory also analyzed method reporting limit (MRL) standards for chloride and sulfate. The MRL recoveries were within the laboratory specified acceptance criteria

3.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for TDS using sample MW-308. The RPD result was within the laboratory specified acceptance criteria.

One batch laboratory duplicate was reported for TDS. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

3.7 Equipment Blank

One equipment blank was collected with the sample set, EB-01. The wet chemistry parameters were not detected in the equipment blank above the MDLs with the following exception.

TDS was detected in the reanalysis (14 mg/L) of EB-01 at a concentration greater than the PQL. Therefore, the TDS concentrations in the associated samples greater than the reanalyzed equipment blank concentration and less than ten times the equipment blank concentration were J+ qualified as estimated with high biases.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-102	TDS	32	NA	32	J+	3
MW-103	TDS	120	NA	120	J+	3
MW-106	TDS	100	NA	100	J+	3

mg/L-milligrams per liter
NA-not applicable

3.8 Field Blank

One field blank was collected with the sample set, FB-01. The wet chemistry parameters were not detected in the field blank above the MDLs.

3.9 Field Duplicate

One field duplicate was collected with the sample set, DUP-02. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, MW-104 with the following exception.

The RPD for TDS in the field duplicate pair DUP-02/MW-104 was greater than 30%. Therefore, the TDS concentrations in the field duplicate pair DUP-02/MW-104 were J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-104	TDS	500	NA	75	500	J	7
DUP-02	TDS	1100	NA		1100	J	7

mg/L-milligrams per liter
NA-not applicable

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

3.11 Electronic Data Deliverables Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Extraction or analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits or RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed: no validation qualification required
NV	Result not validated

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date:	January 11, 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-194170-2 and 400-194170-4**

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seven water samples, one field duplicate, one field blank and one equipment blank, collected 8 October 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, St Louis, MO, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Combined Radium 226 + 228 by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- American Nuclear Society Verification and Validation of Radiological Data for Use in Management and Environmental Remediation, ANSI/ANS-41.5-2012, February 15, 2012.

The following samples were analyzed and reported in the laboratory reports:

Laboratory ID	Client ID
400-194170-1	MW-308
400-194170-2	MW-303
400-194170-3	MW-102
400-194170-4	MW-103
400-194170-5	MW-104

Laboratory ID	Client ID
400-194170-6	MW-105
400-194170-7	MW-106
400-194170-8	DUP-02
400-194170-9	EB-01
400-194170-10	FB-01

No preservation issues were noted by the laboratory.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and combined radium 226+228 by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Laboratory Duplicate
- ✓ Tracers and Carriers
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data set are considered usable for meeting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.2 Holding Times

The holding time for the radiochemistry analyses of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for radium-226 (batch 485378) and radium-228 (batch 485385). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS/LCS duplicate (LCSD) pair was reported for radium-226 and one LCS/LCSD pair was reported for radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

Laboratory duplicates were not reported.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Equipment Blank

One equipment blank was collected with the sample set, EB-01. The radiochemistry parameters were not detected in the equipment blank above the MDCs.

1.9 Field Blank

One field blank was collected with the sample set, FB-01. The radiochemistry parameters were not detected in the field blank above the MDCs.

1.10 Field Duplicate

One field duplicate was reported with the sample set, DUP-02. Acceptable precision (RER ≤ 3) was demonstrated between the field duplicate and the original sample, MW-104.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

1.12 Electronic Data Deliverables (EDDs) Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Extraction or analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits or RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed: no validation qualification required
NV	Result not validated

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date:	11 January 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-194247-1, 400-194247-3, 400-194247-5 and 400-194247-7 Revision 1**

SITE: CCR Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of twelve aqueous samples, two field duplicates, two equipment blanks and two field blanks, collected 9-12 October 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, Pensacola, Florida, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020
- Mercury by US EPA Method 7470A
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C
- Chloride by SM 4500 CL-E
- Fluoride by SM 4500 F C
- Sulfate by SM 4500 SO4 E

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- US EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and

- US EPA National Functional Guidelines for Inorganic Superfund Methods Data Review, January 2017 (EPA 540-R-2017-001).

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-194247-1	MW-300
400-194247-2	MW-304
400-194247-3	MW-305
400-194247-4	DUP-03
400-194247-5	FB-02
400-194247-6	EB-02
400-194247-7	MW-109
400-194247-8	MW-110
400-194247-9	EB-03

Laboratory ID	Client ID
400-194247-10	MW-203
400-194247-11	MW-204
400-194247-12	MW-205
400-194247-13	FB-03
400-194247-14	MW-200
400-194247-15	MW-201
400-194247-16	MW-206
400-194247-17	MW-202
400-194247-18	DUP-04

The samples were received within the criteria of 0-6 degrees Celsius (ºC). No preservation issues were noted by the laboratory.

Laboratory report 400-194247-7 was revised on January 22, 2021 to report an additional matrix spike duplicate (MSD) for fluoride batch 507691. The revised report was identified as 400-194247-7 Revision 1.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020. Mercury was assessed separately, in section 2.0, below

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Equipment Blank
✓ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in this data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.1.2 Analysis Anomaly

The laboratory noted the percent relative standard deviation (%RSD) between the replicate analysis was outside of the criteria for a standard in the initial calibration verification (ICV) in batch 506715. Since the ICV recoveries were within the method specified acceptance criteria and the %RSDs of the ICV were within the criteria for a sample and based on professional and technical judgment, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 506487). Metals were not detected in the method blank above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported using sample MW- 300. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

Two equipment blanks were collected with the sample set, EB-02 and EB-03. Metals were not detected in the equipment blanks above the MDLs, with the following exception.

Boron was detected in EB-03 at an estimated concentration greater than the MDL and less than the practical quantitation limit (PQL). Therefore, the estimated boron concentrations in the associated samples were U qualified as not detected at the PQL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-300	Boron	0.025	I	0.050	U	3
MW-305	Boron	0.018	I	0.050	U	3

mg/L-milligrams per liter
I-estimated value between the MDL and PQL
*Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.7 Field Blank

Two field blanks were collected with the sample set, FB-02 and FB-03. Metals were not detected in the field blanks above the MDLs.

1.8 Field Duplicate

Two field duplicates were collected with the sample set, DUP-03 and DUP-04. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicate and the original sample, MW-305 and MW-202, respectively.

Arsenic and boron were not detected in DUP-03 and were detected in MW-305 at estimated concentrations greater than the MDLs and less than the PQLs, resulting in noncalculable RPDs. Since the boron concentration in MW-305 was U qualified as not detected at the PQL due to equipment blank contamination and based on professional and technical judgment, no additional qualifications were applied to the boron data. However, the arsenic concentration in MW-305 was J qualified as estimated and the non-detect arsenic result in DUP-03 was UJ qualified as estimated less than the MDL.

Arsenic was not detected in DUP-04 and was detected in MW-202 at an estimated concentration greater than the MDL and less than the PQL, resulting in a noncalculable RPD. Therefore, the arsenic concentration in MW-202 was J qualified as estimated and the non-detect arsenic result in DUP-04 was UJ qualified as estimated less than the MDL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-305	Arsenic	0.00057	I	NC	0.00057	J	7
DUP-03	Arsenic	0.00039	U		0.00039	UJ	7
MW-305	Boron	0.018	I	NC*	NA	NA	NA
DUP-03	Boron	0.018	U		NA	NA	NA
MW-202	Arsenic	0.00087	I	NC	0.00087	J	7
DUP-04	Arsenic	0.00039	U		0.00039	UJ	7

mg/L-milligram per liter
U-not detected at or above the MDL
NA-not applicable
NC-not calculable
*no qualification see explanation above

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to dilutions analyzed.

1.10 Electronic Data Deliverables (EDDs) Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

2.0 MERCURY

The samples were analyzed for mercury by US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
⊗ Field Blank
⊗ Field Duplicate
✓ Sensitivity

✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in this data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

2.2 Holding Time

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 506379). Mercury was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported using sample MW-305. Mercury was not recovered (0%) in the MS/MSD pair. Therefore, the estimated mercury concentration in sample MW-305 was J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-305	Mercury	0.00014	I	0.00014	J	4

mg/L-milligrams per liter
I-estimated value between the MDL and PQL

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS was reported. The recovery result was within the laboratory specified acceptance criteria.

2.6 Equipment Blank

Two equipment blanks were collected with the sample set, EB-02 and EB-03. Mercury was not detected in the equipment blanks above the MDL.

2.7 Field Blank

Two field blanks were collected with the sample set, FB-02 and FB-03.

Mercury (0.00027 mg/L) was detected in FB-02 at a concentration greater than the PQL. Therefore, the estimated mercury concentrations in the associated samples were U qualified as not detected at the PQL and based on professional and technical judgment the mercury concentrations in samples MW-304, DUP-03, MW-109 and MW-201 were J+ qualified as estimated with high biases.

Mercury was detected in FB-03 at an estimated concentration greater than the MDL and less than the PQL. Therefore, the estimated mercury concentrations in the associated samples were U qualified as not detected at the PQL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-304	Mercury	0.00033	NA	0.00033	J+	3
MW-305	Mercury	0.00014	I	0.00020	U	3
DUP-03	Mercury	0.00024	NA	0.00024	J+	3
MW-109	Mercury	0.0014	NA	0.0014	J+	3
MW-204	Mercury	0.00010	I	0.00020	U	3
MW-205	Mercury	0.00015	I	0.00020	U	3
MW-202	Mercury	0.00012	I	0.00020	U	3
DUP-04	Mercury	0.00015	I	0.00020	U	3
MW-200	Mercury	0.00017	I	0.00020	U	3
MW-201	Mercury	0.00026	NA	0.00026	J+	3

mg/L-milligrams per liter
I-estimated value between the MDL and PQL
NA-not applicable

2.8 Field Duplicate

Two field duplicates were collected with the sample set, DUP-03 and DUP-04. Acceptable precision (RPD≤ 30%) was not demonstrated between the field duplicate and the original sample, MW-305 and MW-202, respectively.

Mercury was not detected in DUP-03 and was detected in MW-305 at an estimated concentration greater than the MDL and less than the PQL, resulting in a noncalculable RPD. However, since

the mercury results in MW-305 was U qualified at the PQL and the mercury result for DUP-03 was J+ qualified due to field blank contamination no further qualifications were applied to the mercury results in the field duplicate pair.

2.9 Sensitivity

The samples were reported to the MDL. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

3.0 WET CHEMISTRY

The samples were analyzed for chloride by SM 4500 Cl-E, fluoride by SM 4500 F C, sulfate by SM 4500 SO4 E and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Laboratory Duplicate
✓ Equipment Blank
⊗ Field Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in this data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for these analyses, for this data set is 100%.

3.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for each analysis and batch. The wet chemistry parameters were not detected in the method blanks above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

Sample set specific MS/MSD pairs were reported for chloride using samples MW-300 and MW-205, sulfate using samples MW-300 and MW-202 and fluoride using samples FB-02 and MW-201. The results were not included in the laboratory report for MW-201 MS/MSD pair; However, based on the information provided for the remaining results, the recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of chloride in the MS/MSD pair using sample MW-205 were low and outside the laboratory specified acceptance criteria. Since the chloride concentration in sample MW-205 was greater than or equal to four times the spiked concentration, no qualifications were applied to the data based on the MS/MSD pair results.

The recoveries of sulfate in the MS/MSD pair using sample MW-202 were low and outside the laboratory specified acceptance criteria. Therefore, the sulfate concentration in sample MW-202 was J- qualified as estimated with low bias.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-202	Sulfate	24	NA	24	J-	4

mg/L-milligrams per liter
NA-not applicable

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

The laboratory also analyzed method reporting limit (MRL) standards for chloride and sulfate. The MRL recoveries were within the laboratory specified acceptance criteria

3.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for TDS using sample MW-203. The RPD result was high and outside of the laboratory specified acceptance criteria. Therefore, the TDS concentration in sample MW-203 was J qualified as estimated.

One batch laboratory duplicate was reported for TDS. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-203	TDS	210	NA	210	J	12

mg/L-milligrams per liter
NA-not applicable

3.7 Equipment Blank

Two equipment blanks were collected with the sample set, EB-02 and EB-03. The wet chemistry parameters were not detected in the equipment blanks above the MDLs.

3.8 Field Blank

Two field blanks were collected with the sample set, FB-02 and FB-03. The wet chemistry parameters were not detected in the field blank above the MDLs, with the following exception.

TDS (28 mg/L) was detected in FB-03 at a concentration greater than the PQL. Therefore, the TDS concentrations in the associated samples greater than the PQL and less than ten times the field blank concentration were J+ qualified as estimated with high biases.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-03	TDS	40	NA	40	J+	3
MW-300	TDS	52	NA	52	J+	3

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-305	TDS	42	NA	42	J+	3
MW-109	TDS	86	NA	86	J+	3
MW-203	TDS	210	NA	210	J+	3
MW-205	TDS	250	NA	250	J+	3
DUP-04	TDS	90	NA	90	J+	3
MW-202	TDS	96	NA	96	J+	3

mg/L-milligrams per liter
NA-not applicable

3.9 Field Duplicate

Two field duplicates were collected with the sample set, DUP-03 and DUP-04. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicate and the original sample, MW-305 and MW-202, respectively.

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

3.11 Electronic Data Deliverables Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Extraction or analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits or RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed: no validation qualification required
NV	Result not validated

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

Geosyntec consultants

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Memorandum

Date:	January 12, 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validations - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-194247-2, 400-194247-4, 400-194247-6 and 400-194247-8**

SITE: Plant Crist

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of twelve water samples, two field duplicates, two equipment blanks and two field blanks, collected 9-12 October 2020, as part of the Plant Crist sampling event.

The samples were analyzed at Eurofins TestAmerica, St Louis, MO, for the following analytical tests:

- Radium-226 by United States (US) Environmental Protection Agency (EPA) Method 9315
- Radium-228 by US EPA Method 9320
- Combined Radium 226 + 228 by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- American Nuclear Society Verification and Validation of Radiological Data for Use in Management and Environmental Remediation, ANSI/ANS-41.5-2012, February 15, 2012.

The following samples were analyzed and reported in the laboratory report:

Laboratory ID	Client ID
400-194247-1	MW-300
400-194247-2	MW-304
400-194247-3	MW-305
400-194247-4	DUP-03
400-194247-5	FB-02
400-194247-6	EB-02
400-194247-7	MW-109
400-194247-8	MW-110
400-194247-9	EB-03

Laboratory ID	Client ID
400-194247-10	MW-203
400-194247-11	MW-204
400-194247-12	MW-205
400-194247-13	FB-03
400-194247-14	MW-200
400-194247-15	MW-201
400-194247-16	MW-206
400-194247-17	MW-202
400-194247-18	DUP-04

No preservation issues were noted by the laboratory.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and combined radium 226+228 by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
⊗ Equipment Blank
✓ Field Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The radium-226 and radium-228 data reported in this data set are considered usable for meeting project objectives. The results are considered valid; the analytical completeness defined as the ratio

of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.2 Holding Times

The holding time for the radiochemistry analyses of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for radium-226 (batches 485378, 485393 and 485916) and radium-228 (batches 485385, 485401 and 485917). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Two batch MS/MSD pairs were reported for radium-226 and two batch MS/MSD pairs were reported for radium-228.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCSs and one LCS/LCS duplicate (LCSD) pair were reported for radium-226 and two LCSs and one LCS/LCSD pair were reported for radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria.

1.6 Laboratory Duplicate

Laboratory duplicates were not reported.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Equipment Blank

Two equipment blanks were collected with the sample set, EB-02 and EB-03. The radiochemistry parameters were not detected in the equipment blanks above the MDCs, with the following exceptions.

Radium-228 (0.483 pCi/L) and combined radium (0.534 pCi/L) were detected in EB-03 at concentrations greater than the MDCs. Therefore, the radium and combined radium concentrations greater than the equipment blank concentrations and less than ten times the equipment blank concentrations were J+ qualified as estimated with high biases.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
MW-300	Radium-228	4.13	NA	4.13	J+	3
MW-300	Combined Radium 226 + 228	4.71	NA	4.71	J+	3
MW-304	Radium-228	1.03	NA	1.03	J+	3
MW-304	Combined Radium 226 + 228	1.58	NA	1.58	J+	3
MW-305	Radium-228	0.756	NA	0.756	J+	3
MW-305	Combined Radium 226 + 228	0.858	NA	0.858	J+	3
DUP-03	Radium-228	0.878	NA	0.878	J+	3
DUP-03	Combined Radium 226 + 228	1.55	NA	1.55	J+	3
MW-109	Radium-228	2.76	NA	2.76	J+	3
MW-109	Combined Radium 226 + 228	4.00	NA	4.00	J+	3
MW-110	Radium-228	4.05	NA	4.05	J+	3
MW-203	Radium-228	2.58	NA	2.58	J+	3
MW-203	Combined Radium 226 + 228	3.55	NA	3.55	J+	3
MW-205	Radium-228	1.16	F	1.16	J+	3
MW-205	Combined Radium 226 + 228	2.24	NA	2.24	J+	3
MW-200	Radium-228	2.36	NA	2.36	J+	3
MW-200	Combined Radium 226 + 228	4.51	NA	4.51	J+	3
DUP-04	Radium-228	0.625	NA	0.625	J+	3
DUP-04	Combined Radium 226 + 228	1.30	NA	1.30	J+	3
MW-202	Radium-228	0.803	NA	0.803	J+	3
MW-202	Combined Radium 226 + 228	1.86	NA	1.86	J+	3

pCi/L-picocuries per liter
F-laboratory flag indicating the MS/MSD recovery and/or RPD exceeds the control limits
NA-not applicable
*Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.9 Field Blank

Two field blanks were collected with the sample set, FB-02 and FB-03. The radiochemistry parameters were not detected in the field blanks above the MDCs.

1.10 Field Duplicate

Two field duplicates were collected with the sample set, DUP-03 and DUP-04. Acceptable precision (RER $\leq$ 3) was demonstrated between the field duplicate and the original sample, MW-305 and MW-202, respectively.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

1.12 Electronic Data Deliverables (EDDs) Review

The results and sample IDs in the EDDs were reviewed against the information provided by the associated level II reports at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II reports and the EDDs.

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result".

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

N There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Extraction or analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits or RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed: no validation qualification required
NV	Result not validated

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

APPENDIX B

Statistical Analyses – November 2019
Semi-Annual Monitoring

FALL 2019

GROUNDWATER STATISTICAL ANALYSIS

FOR GULF POWER'S

PLANT CRIST

Prepared by:

Groundwater Stats Consulting LLC

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GROUNDWATER STATS CONSULTING

March 12, 2020

Geosyntec Consultants
Attn: Mr. Benjamin K. Amos, Ph.D., P.E.
1255 Roberts Boulevard, Suite 200
Kennesaw, GA 30144

Re: Plant Crist
Statistical Analysis – November 2019 Sample Event

Dear Mr. Amos,

Groundwater Stats Consulting (GSC), formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and statistical analysis of the groundwater data for the November 2019 sample event at Gulf Power Company's Plant Crist. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015) as well as with the USEPA Unified Guidance (2009).

Sampling began at Plant Crist for the CCR program in 2016 at each of the groundwater monitoring wells. The monitoring well network, as provided by Geosyntec Consultants, is provided below. The monitoring well network for the Gypsum Storage Area originally included wells MW-202, MW-203, MW-204 and MW-205. However, further research conducted by Geosyntec Consultants, reportedly, concluded that the location of these compliance wells does not represent the zone of groundwater quality downgradient of the site and, therefore, would not identify whether groundwater is affected from practices at the site. Therefore, these wells are not included in the statistical analysis provided in this report.

- **Upgradient wells:** MW-100, MW-101, MW-107, MW-108, MW-306, MW-307
- **Ash Landfill No. 1 (100 Series):** MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110
- **Gypsum Storage Area (200 Series):** MW-200, MW-201, MW-206
- **Ash Landfill No. 2 (300 Series):** MW-300, MW-303, MW-304, MW-305, MW-308

Data were provided electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Dr. Jim Loftis, Civil & Environmental Engineering professor emeritus at Colorado State University and Senior Advisor to Groundwater Stats Consulting. The statistical analysis was performed according to the groundwater data screening that was performed in October 2017 by GSC and approved by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting and primary author of the USEPA Unified Guidance.

The CCR program consists of the following constituents:

- **Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS;
- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium.

Time series plots for Appendix III and IV parameters at the 100, 200 and 300 series wells are provided for these wells for the above constituents. Additionally, box plots are included for these constituents. The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells.

Proposed background data at all wells were evaluated, and reports submitted, during the October 2017 screening for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for Appendix III parameters based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided for interwell and intrawell prediction limits, based on the number of downgradient wells for each series of wells to demonstrate that the selected statistical methods for Appendix III parameters complies with the USEPA Unified Guidance recommendations. Background data were

then updated during the Fall 2019 analysis, and a summary of those results is discussed below.

Historical Summary – October 2017 Background Screening

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not conservative from a regulatory perspective, in proposed background data. Suspected outliers at all wells for Appendix III and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of those findings were submitted with the October 2017 report. A summary of flagged values follows this letter. These values maybe also be seen on the time series graphs as disconnected points and on the data pages in a lighter font. No seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

While trends may be visually identified, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each well to identify statistically significant increasing or decreasing trends. In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, earlier data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When the historical records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses were presented with the screening report and showed a few statistically significant decreasing trends and one increasing trend. All trends noted were relatively low in magnitude when compared to average concentrations. Therefore, no adjustments were necessary.

Appendix III – Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified variation among upgradient well data at Plant Crist for the following Appendix III parameters: calcium, chloride, pH, and sulfate. No statistically significant variation was noted for boron, fluoride or TDS, making these constituents eligible for interwell analyses. All other constituents were further evaluated as described below for the appropriateness of intrawell testing to accommodate the groundwater quality. A summary table of the ANOVA results was included in the screening report.

Appendix III – Intrawell Method Eligibility Screening

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are conservative (i.e. lower) from a regulatory perspective, and that will rapidly identify a change in more recent compliance data from within a given well. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility. Prior to performing intrawell prediction limits, several steps are required to reasonably demonstrate that downgradient water quality does not have existing impacts from the practices of the facility.

Exploratory data analysis was used as a general comparison of concentrations in downgradient wells for all Appendix III parameters recommended for intrawell analyses to concentrations reported in upgradient wells. Upper tolerance limits are used in conjunction with confidence intervals to determine whether the estimated averages in downgradient wells are higher than observed levels upgradient of the facility. The upper tolerance limits were constructed to represent the extreme upper range of potential background levels at the site.

Either parametric or nonparametric tolerance limits are calculated based on the data characteristics that are described below for prediction limits. Parametric tolerance limits (for normal or transformed-normally distributed data) were constructed with a target of 99% confidence and 95% coverage using pooled upgradient well data for each of the Appendix III parameters recommended for intrawell analyses. For non-normal data, nonparametric tolerance limits are used. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. As more data are collected, the background population is better represented, and the confidence and coverage levels increase.

Confidence intervals were constructed on downgradient wells for each of the Appendix III parameters exhibiting spatial variation, using the tolerance limits discussed above, to determine intrawell eligibility. Either parametric or nonparametric confidence intervals were constructed as appropriate. When the entire confidence interval is above the background limit for a given parameter, interwell methods are initially recommended as the statistical method. Note that this screening identifies whether confidence intervals are above a background limit but does not identify the reason for this occurrence. Therefore, only the wells/parameters with confidence intervals which did not exceed background limits are eligible for intrawell prediction limits.

Confidence intervals for Appendix III parameters were found to be above the background standards in at least one well for each parameter at Ash Landfill No. 1. Interwell prediction limits are recommended initially for all Appendix III parameters at this unit. Confidence intervals were above background standards for all parameters except pH at the Gypsum Storage Area and Ash Landfill No. 2. Therefore, intrawell methods may be used for pH and interwell methods for all other Appendix III parameters at these two units. The results of the upper tolerance limits calculations and confidence interval comparisons were presented in the background screening report.

If further evaluation confirms natural variation in groundwater at these downgradient wells, intrawell methods will be considered for these parameters. In cases where downgradient average concentrations are higher than observed concentrations upgradient for a given constituent, an independent study and hydrogeological investigation would be required to identify local geochemical conditions and expected groundwater quality for the region to justify an intrawell approach. Such an assessment is beyond the scope of services provided by Groundwater Stats Consulting. When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells, interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to natural variation rather than a result of the facility.

Appendix III Background Update Summary – September 2019

Intrawell prediction limits, which compare the most recent compliance sample from a given well to historical data from the same well, are updated by testing for the appropriateness of consolidating new sampling observations with the screened background data. This process is described below and requires a minimum of four new data points. During the September 2019 analysis, historical data through May 2017 were evaluated for updating with newer data through March 2019 through the use of time series graphs to identify potential outliers when necessary, as well as with the Mann Whitney test for equality of medians. Intrawell prediction limits are used to evaluate pH due to natural spatial variation for this parameter. However, only the 200 and 300 series wells were eligible for intrawell testing for pH, as discussed earlier. The 100 series wells, therefore, utilize interwell prediction limits for pH.

Interwell prediction limits, which compare the most recent sample from each downgradient well to statistical limits constructed from pooled upgradient well data, are updated during each sample event. Data from upgradient wells are periodically re-screened for newly developing trends, which may require adjustment of the background period to eliminate the trend, as well as for outliers over the entire record. Interwell prediction limits are used to evaluate boron, calcium, chloride, fluoride, (pH for the 100 series wells), sulfate and TDS.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are nondetects, a nonparametric test is utilized. The false positive rate (significance level) associated with the parametric limits is based on an annual 10% as recommended by the EPA Unified Guidance (2009). The significance level for parametric tests assumes semiannual sampling and two comparisons per year at each well. If more than two samples per year are compared against the limit, both the actual significance level and power of the test will be slightly higher. The false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits.

- No statistical analyses are required on wells and analytes containing 100% nondetects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% nondetects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit

utilized for nondetects is the practical quantification limit (PQL) as reported by the laboratory.

- When data contain between 15-50% nondetects, the Kaplan-Meier nondetect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% nondetects.

Prior to performing prediction limits, proposed background data through March 2019 were reviewed to identify any newly suspected outliers at all wells for pH for intrawell testing, and through June 2019 at upgradient wells for boron, calcium, chloride, fluoride, pH, sulfate and TDS for interwell testing. Visual screening is used to identify potential outliers using time series graphs. When necessary, Tukey's outlier test is used to formally test suspected outliers. No additional outlier testing was required during this analysis. Previously flagged values were excluded to reduce variation, better represent background conditions, and provide limits that are conservative from a regulatory perspective. As mentioned above, flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. A summary of flagged values follows this letter.

For pH which required intrawell prediction limits, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through May 2017 to newer compliance samples through March 2019 at each of the 200 and 300 series wells and upgradient wells to evaluate whether the groups are statistically similar at the 99% confidence level. If no statistically significant difference is found, background data may be updated with compliance data. No statistically significant differences were found between the two groups for pH except at the Gypsum Storage Area for well MW-201. However, the measurements range from 5.62 s.u. to 4.71 s.u. which is in line with concentrations in the other wells and show only a slight decrease in more recent data. Therefore, the background data were updated and will be re-evaluated during the next background update. All other background data sets were updated.

In the future, if the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data may not be updated to include the newer data, but will be reconsidered in the future. A summary of these results was submitted with the report.

The Sen's Slope/Mann Kendall trend test was used to evaluate the entire record of data from upgradient wells for parameters utilizing interwell prediction limits. When

statistically significant trends are identified in upgradient wells, the earlier portion of data is deselected prior to construction of interwell statistical limits if the trending data would result in statistical limits that are not conservative from a regulatory perspective. No statistically significant increasing trends were noted in upgradient wells. Two statistically significant decreasing trends were identified; however, the magnitude of the trends was low relative to average concentrations, and no adjustment of the record was required. A summary of the trend test results was submitted with the report.

Prediction Limits - Appendix III Parameters

All available upgradient well data through November 2019 were used to establish interwell prediction limits, based on a 1-of-2 resample plan, that are compared against the most recent compliance sample at each downgradient well at the Ash Landfill No. 1. Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed for boron, calcium, chloride, fluoride, pH, sulfate, and TDS. These same limits are used at the Gypsum Storage Area and Ash Landfill No. 2, except for pH. Intrawell prediction limits, using background data through March 2019, combined with a 1-of-2 resample plan are constructed for pH at the Gypsum Storage Area and at Landfill No. 2. Prediction limits combined with retesting meet the recommended guidelines with respect to the annual false positive rate and power requirements as described in the EPA Unified Guidance (2009). With limited background data, initially some of the nonparametric prediction limits will have a higher false positive rate associated with each test. However, as more data are collected and incorporated into background, the false positive rate associated with the nonparametric tests will decrease.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits will be necessary to accommodate these types of changes. In the intrawell case, data are evaluated when at least 4 new compliance values are available. In the interwell case, newer data are carefully evaluated during each event for new outliers, and prediction limits are constructed using all available data from upgradient wells.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of an additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no further action is necessary. Exceedances were noted at each

of the units, and the results may be found following this letter in the Prediction Limit Summary Tables.

Evaluation of Appendix IV Parameters

Either parametric or nonparametric tolerance limits, as appropriate, were used to calculate background limits from pooled upgradient well data for Appendix IV parameters, with a target of 95% confidence and 95% coverage for parametric limits, to determine the Alternate Contaminant Level (ACL). The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. These limits were compared to the Maximum Contaminant Levels (MCLs) and CCR rule-specified levels to determine the highest limit for use as the Groundwater Protection Standard (GWPS) in the Confidence Interval comparisons.

Confidence intervals were then constructed on downgradient wells, using all historical data within a given well, for each of the Appendix IV parameters and compared to the highest limit of either the MCL, rule-specified level, or ACL discussed above. For cobalt in well MW-304, the most recent 8 samples are used to construct the confidence interval, rather than the entire data set, to reflect present-day concentrations. The modified date range is shown in the Date Range Table following this letter. The historical data for this constituent had higher concentrations due to a broken pipe that influenced groundwater quality at this well. Concentrations, as expected, have continued to decrease since the pipe was fixed. Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its respective standard. Tables of the upper tolerance limits, confidence intervals along with graphical comparisons against standards, and significant results (exceedances) follow this letter.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Crist. If you have any questions or comments, please feel free to contact me.

For Groundwater Stats Consulting,



Kristina L. Rayner
Groundwater Statistician

Date Ranges

Date: 3/16/2020 8:46 AM

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Cobalt (mg/L)

MW-304 overall:2/29/2016-11/11/2019

Outlier Summary

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/11/2020, 5:32 PM

	MW-304 Arsenic (mg/L)	MW-200 Cadmium (mg/L)	MW-206 Chloride (mg/L)	MW-107 Chromium (mg/L)	MW-108 Field pH (SU)	MW-307 Lithium (mg/L)	MW-304 Selenium (mg/L)	MW-100 Sulfate (mg/L)	MW-206 Total Dissolved Solids (mg/L)
3/2/2016		0.022 (o)							32000 (o)
3/3/2016	0.009 (o)								
5/2/2016								15 (o)	
5/4/2016	0.019 (o)								
7/5/2016			360 (o)		7.11 (o)				
7/6/2016	0.014 (o)								
11/7/2016						0.0097 (o)			
1/9/2017				0.017 (o)					
10/17/2018							0.05 (o)		

Interwell Prediction Limit Summary - 100 Series Wells Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-103	0.081	n/a	11/7/2019	0.19	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	11/7/2019	11	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	11/9/2019	1.8	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-106	0.081	n/a	11/9/2019	0.097	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	11/7/2019	0.42	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	11/7/2019	4.2	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.43	n/a	11/7/2019	3.4	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.43	n/a	11/7/2019	62	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.43	n/a	11/9/2019	84	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.43	n/a	11/7/2019	4.3	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.43	n/a	11/7/2019	32	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	6.758	n/a	11/7/2019	15	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	6.758	n/a	11/7/2019	120	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	6.758	n/a	11/9/2019	200	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	6.758	n/a	11/7/2019	18	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	6.758	n/a	11/7/2019	120	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	7.11	4.5	11/7/2019	4.03	Yes	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	11/7/2019	0.21	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	11/7/2019	27	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	11/7/2019	610	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	11/9/2019	120	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	11/7/2019	16	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	11/7/2019	290	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	11/7/2019	980	Yes	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	11/9/2019	720	Yes	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	11/7/2019	540	Yes	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2

Interwell Prediction Limit Summary - 100 Series Wells All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	11/9/2019	0.023	No	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**11/7/2019**	**0.19**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**11/7/2019**	**11**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**11/9/2019**	**1.8**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-106**	**0.081**	**n/a**	**11/9/2019**	**0.097**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**11/7/2019**	**0.42**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**11/7/2019**	**4.2**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.43	n/a	11/9/2019	0.61	No	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.43**	**n/a**	**11/7/2019**	**3.4**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.43**	**n/a**	**11/7/2019**	**62**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.43**	**n/a**	**11/9/2019**	**84**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.43	n/a	11/9/2019	0.56	No	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.43**	**n/a**	**11/7/2019**	**4.3**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.43**	**n/a**	**11/7/2019**	**32**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	6.758	n/a	11/9/2019	6.1	No	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**6.758**	**n/a**	**11/7/2019**	**15**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**6.758**	**n/a**	**11/7/2019**	**120**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**6.758**	**n/a**	**11/9/2019**	**200**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	6.758	n/a	11/9/2019	4.7	No	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**6.758**	**n/a**	**11/7/2019**	**18**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**6.758**	**n/a**	**11/7/2019**	**120**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	7.11	4.5	11/9/2019	4.78	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	7.11	4.5	11/7/2019	4.99	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**7.11**	**4.5**	**11/7/2019**	**4.03**	**Yes**	**90**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0004742**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	7.11	4.5	11/9/2019	6.19	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	7.11	4.5	11/9/2019	5.06	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	7.11	4.5	11/7/2019	4.78	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	7.11	4.5	11/7/2019	4.74	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	11/9/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	11/7/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**11/7/2019**	**0.21**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	11/9/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	11/9/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	11/7/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	11/7/2019	0.04	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	11/9/2019	5ND	No	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**11/7/2019**	**27**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**11/7/2019**	**610**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**11/9/2019**	**120**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	11/9/2019	5ND	No	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**11/7/2019**	**16**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**11/7/2019**	**290**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	11/9/2019	24	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	11/7/2019	50	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**11/7/2019**	**980**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002371**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**11/9/2019**	**720**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002371**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	11/9/2019	42	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	11/7/2019	24	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**11/7/2019**	**540**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002371**	**NP Inter (normality) 1 of 2**

Intrawell Prediction Limit Summary - 200 Series Wells All Results (No Significant)

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	11/6/2019	4.82	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	11/6/2019	4.94	No	13	4.955	0.258	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-107	5.412	4.406	11/6/2019	4.88	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	11/6/2019	4.78	No	12	4.773	0.1917	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-306	5.438	4.624	11/6/2019	5.04	No	13	5.031	0.1961	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-307	6.537	5.063	11/6/2019	5.52	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-200	5.263	4.716	11/12/2019	4.92	No	14	4.989	0.134	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-201	5.704	4.463	11/12/2019	4.67	No	14	5.084	0.304	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-206	4.64	3.998	11/12/2019	4.56	No	14	4.319	0.1573	0	None	No	0.001253	Param Intra 1 of 2

Interwell Prediction Limit Summary - 200 Series Wells Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:57 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-200	0.081	n/a	11/12/2019	5.3	Yes	90	n/a	n/a	90	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-201	0.081	n/a	11/12/2019	4.5	Yes	90	n/a	n/a	90	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-206	0.081	n/a	11/12/2019	14	Yes	90	n/a	n/a	90	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-200	1.336	n/a	11/12/2019	130	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-201	1.336	n/a	11/12/2019	82	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-206	1.336	n/a	11/12/2019	240	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-200	6.588	n/a	11/12/2019	280	Yes	90	5.177	0.8388	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-201	6.588	n/a	11/12/2019	190	Yes	90	5.177	0.8388	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-206	6.588	n/a	11/12/2019	490	Yes	90	5.177	0.8388	0	None	No	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	11/12/2019	0.57	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-200	5	n/a	11/12/2019	100	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002443	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-201	5	n/a	11/12/2019	93	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002443	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-206	5	n/a	11/12/2019	260	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002443	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-200	110	n/a	11/12/2019	1000	Yes	90	n/a	n/a	30	n/a	n/a	0.0002381	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-201	110	n/a	11/12/2019	670	Yes	90	n/a	n/a	30	n/a	n/a	0.0002381	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-206	110	n/a	11/12/2019	1900	Yes	90	n/a	n/a	30	n/a	n/a	0.0002381	NP Inter (normality) 1 of 2

Interwell Prediction Limit Summary - 200 Series Wells All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:57 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**11/12/2019**	**5.3**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**11/12/2019**	**4.5**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**11/12/2019**	**14**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.336**	**n/a**	**11/12/2019**	**130**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.336**	**n/a**	**11/12/2019**	**82**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.336**	**n/a**	**11/12/2019**	**240**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.588**	**n/a**	**11/12/2019**	**280**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.588**	**n/a**	**11/12/2019**	**190**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.588**	**n/a**	**11/12/2019**	**490**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	11/12/2019	0.072	No	90	n/a	n/a	97.78	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**11/12/2019**	**0.57**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	11/12/2019	0.045	No	90	n/a	n/a	97.78	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**11/12/2019**	**100**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002443**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**11/12/2019**	**93**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002443**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**11/12/2019**	**260**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002443**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**11/12/2019**	**1000**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002381**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**11/12/2019**	**670**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002381**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**11/12/2019**	**1900**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002381**	**NP Inter (normality) 1 of 2**

Intrawell Prediction Limit Summary - 300 Series Wells All Results (No Significant)

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	11/6/2019	4.82	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	11/6/2019	4.94	No	13	4.955	0.258	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-107	5.461	4.357	11/6/2019	4.88	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	11/6/2019	4.78	No	12	4.773	0.1917	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-306	5.478	4.584	11/6/2019	5.04	No	13	5.031	0.1961	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-307	6.609	4.991	11/6/2019	5.52	No	13	5.8	0.3549	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-300	5.229	4.305	11/11/2019	4.77	No	14	4.767	0.2067	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-303	7.152	5.968	11/11/2019	6.68	No	14	6.56	0.2649	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-304	6.401	4.549	11/11/2019	5.18	No	14	5.475	0.4141	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-305	5.367	4.441	11/11/2019	4.9	No	14	4.904	0.2071	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-308	6.805	5.551	11/11/2019	6.75	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

Interwell Prediction Limit Summary - 300 Series Wells Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-303	0.081	n/a	11/11/2019	9.7	Yes	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	11/11/2019	10	Yes	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	11/11/2019	16	Yes	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.394	n/a	11/11/2019	73	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.394	n/a	11/11/2019	82	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-305	1.394	n/a	11/11/2019	1.6	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.394	n/a	11/11/2019	63	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	6.693	n/a	11/11/2019	8.4	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	6.693	n/a	11/11/2019	63	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	6.693	n/a	11/11/2019	81	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	6.693	n/a	11/11/2019	12	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	6.693	n/a	11/11/2019	62	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	11/11/2019	0.26	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	11/11/2019	0.16	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5	n/a	11/11/2019	230	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5	n/a	11/11/2019	340	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5	n/a	11/11/2019	5.5	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5	n/a	11/11/2019	170	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	11/11/2019	390	Yes	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	11/11/2019	370	Yes	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	11/11/2019	410	Yes	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2

Interwell Prediction Limit Summary - 300 Series Wells All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	11/11/2019	0.035	No	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**11/11/2019**	**9.7**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**11/11/2019**	**10**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	11/11/2019	0.036	No	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**11/11/2019**	**16**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.394	n/a	11/11/2019	0.56	No	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.394**	**n/a**	**11/11/2019**	**73**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.394**	**n/a**	**11/11/2019**	**82**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-305**	**1.394**	**n/a**	**11/11/2019**	**1.6**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.394**	**n/a**	**11/11/2019**	**63**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.693**	**n/a**	**11/11/2019**	**8.4**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.693**	**n/a**	**11/11/2019**	**63**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.693**	**n/a**	**11/11/2019**	**81**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.693**	**n/a**	**11/11/2019**	**12**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.693**	**n/a**	**11/11/2019**	**62**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	11/11/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**11/11/2019**	**0.26**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	11/11/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	11/11/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**11/11/2019**	**0.16**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	5	n/a	11/11/2019	5ND	No	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**11/11/2019**	**230**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**11/11/2019**	**340**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-305**	**5**	**n/a**	**11/11/2019**	**5.5**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**11/11/2019**	**170**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	11/11/2019	66	No	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**11/11/2019**	**390**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002377**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**11/11/2019**	**370**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002377**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	11/11/2019	38	No	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**11/11/2019**	**410**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002377**	**NP Inter (normality) 1 of 2**

Confidence Interval Summary Table - 100 Series Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02205**	**0.01409**	**0.006**	**Yes**	**14**	**0.01807**	**0.005622**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.92**	**12.57**	**5**	**Yes**	**14**	**15.75**	**4.489**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.556**	**5.706**	**5**	**Yes**	**14**	**6.631**	**1.306**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006106**	**0.003329**	**0.002**	**Yes**	**14**	**0.004717**	**0.00196**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-102	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-103	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-104	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-105	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-106	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-109	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-110	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Arsenic (mg/L)	MW-102	0.0005	0.00025	0.01	No	14	0.0002679	0.00006682	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	14	0.0002643	0.00007251	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.008137	0.003097	0.01	No	14	0.005617	0.003557	7.143	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.004225	0.003575	0.01	No	14	0.0039	0.0004591	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-106	0.00025	0.00025	0.01	No	14	0.00025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-109	0.00025	0.00025	0.01	No	14	0.00025	3.2e-12	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	14	0.0003464	0.0001458	57.14	None	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.01094	0.008893	2	No	14	0.009914	0.001442	0	None	No	0.01	Param.
Barium (mg/L)	MW-103	0.06295	0.0459	2	No	14	0.05314	0.01505	0	None	x^2	0.01	Param.
Barium (mg/L)	MW-104	0.02616	0.01969	2	No	14	0.02293	0.004565	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04929	0.03757	2	No	14	0.04343	0.008271	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.015	0.0095	2	No	14	0.01094	0.002142	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02053	0.01776	2	No	14	0.01914	0.001956	0	None	No	0.01	Param.
Barium (mg/L)	MW-110	0.04837	0.03691	2	No	14	0.04264	0.008092	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-103	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001249	0.0008169	0.004	No	14	0.001033	0.0003049	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-105	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-106	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-109	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0005	0.000084	0.004	No	14	0.0004703	0.0001112	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-102	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-103	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00052	0.00044	0.005	No	14	0.0005121	0.00008276	50	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-105	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-106	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-109	0.0005	0.000078	0.005	No	14	0.0004699	0.0001128	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0005	0.00032	0.005	No	14	0.0004871	0.00004811	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	14	0.000655	0.0006183	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	14	0.0008629	0.00126	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.0023	0.0005	0.1	No	14	0.00165	0.0007198	21.43	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-105	0.002573	0.001919	0.1	No	14	0.0022	0.0005805	7.143	None	x^2	0.01	Param.
Chromium (mg/L)	MW-106	0.0005	0.0005	0.1	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0005	0.0005	0.1	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0005	0.00042	0.1	No	14	0.0004943	0.00002138	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00016	0.006	No	14	0.002333	0.0006254	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00044	0.006	No	14	0.001796	0.0009961	64.29	None	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02205**	**0.01409**	**0.006**	**Yes**	**14**	**0.01807**	**0.005622**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	14	0.002384	0.0004356	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.00044	0.006	No	14	0.0009829	0.0008365	21.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.00582	0.003345	0.006	No	14	0.004582	0.001747	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-110	0.019	0.0043	0.006	No	14	0.009379	0.006957	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-102	1.932	1.24	5	No	14	1.609	0.5386	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	7.205	4.797	5	No	14	6.001	1.7	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.92**	**12.57**	**5**	**Yes**	**14**	**15.75**	**4.489**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.671	2.82	5	No	14	3.746	1.307	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.284	0.6942	5	No	14	1.017	0.486	7.143	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.345	1.459	5	No	14	1.902	0.6256	0	None	No	0.01	Param.

Confidence Interval Summary Table - 100 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.556**	**5.706**	**5**	**Yes**	**14**	**6.631**	**1.306**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-102	0.1	0.1	4	No	15	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-103	0.1	0.037	4	No	15	0.0958	0.01627	93.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3648	0.2377	4	No	16	0.3013	0.09763	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	15	0.08807	0.02471	80	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-106	0.1	0.1	4	No	15	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.1	4	No	15	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	15	0.07993	0.02938	66.67	None	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.00025	0.00014	0.015	No	14	0.0002421	0.0000294	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00025	0.00011	0.015	No	14	0.00024	0.00003742	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002436	0.001778	0.015	No	14	0.002107	0.0004649	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	14	0.0002879	0.0001824	85.71	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00025	0.015	No	14	0.00026	0.00003742	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.000094	0.015	No	14	0.0002689	0.0001227	85.71	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00025	0.015	No	14	0.0002621	0.00003378	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-102	0.0012	0.0009	0.04	No	14	0.001036	0.0001216	78.57	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.002	0.00097	0.04	No	14	0.001469	0.0008208	50	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03833	0.02167	0.04	No	14	0.03	0.01175	0	None	No	0.01	Param.
Lithium (mg/L)	MW-105	0.001	0.001	0.04	No	14	0.001	0	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0035	0.00068	0.04	No	14	0.001634	0.001765	64.29	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006571	0.004929	0.04	No	14	0.005786	0.001272	0	None	x^(1/3)	0.01	Param.
Lithium (mg/L)	MW-110	0.01074	0.007202	0.04	No	14	0.008971	0.002498	0	None	No	0.01	Param.
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	14	0.0001849	0.00003849	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.0002	0.00012	0.002	No	14	0.0001943	0.00002138	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001496	0.0007186	0.002	No	14	0.001107	0.0005485	0	None	No	0.01	Param.
Mercury (mg/L)	MW-105	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	14	0.0001914	0.00003207	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	14	0.0002641	0.0002708	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	**MW-110**	**0.006106**	**0.003329**	**0.002**	**Yes**	**14**	**0.004717**	**0.00196**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-104	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.005323	0.003366	0.1	No	14	0.004414	0.001614	0	None	x^(1/3)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-110	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.00028	0.00025	0.05	No	14	0.0003086	0.0001994	78.57	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.003073	0.001834	0.05	No	14	0.002454	0.0008741	7.143	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01327	0.004873	0.05	No	14	0.009071	0.005927	0	None	No	0.01	Param.
Selenium (mg/L)	MW-105	0.00041	0.00025	0.05	No	14	0.0003129	0.0001055	57.14	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-106	0.00025	0.00025	0.05	No	14	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.00025	0.00024	0.05	No	14	0.0002493	0.000002673	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003591	0.003153	0.05	No	14	0.003364	0.0003249	0	None	x^2	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.0001	0.002	No	14	0.0001079	0.0000294	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0001	0.000026	0.002	No	14	0.00009471	0.00001978	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003393	0.0002207	0.002	No	14	0.00028	0.00008367	0	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00024	0.0001	0.002	No	14	0.00011	0.00003742	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-106	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002848	0.0002252	0.002	No	14	0.000255	0.00004202	0	None	No	0.01	Param.

Confidence Interval Summary Table - 200 Series Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/8/2020, 10:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.98**	**9.297**	**5**	**Yes**	**14**	**13.94**	**6.385**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**14**	**14.19**	**8.305**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**31.73**	**14.99**	**5**	**Yes**	**14**	**23.36**	**11.81**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 200 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/8/2020, 10:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-200	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	12	0.00225	0.0005839	83.33	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	12	0.002383	0.0004041	91.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.003232	0.0009075	0.01	No	14	0.002221	0.001833	7.143	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0068	0.00063	0.01	No	14	0.003154	0.003317	28.57	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.01235	0.003137	0.01	No	14	0.007742	0.006502	0	None	No	0.01	Param.
Barium (mg/L)	MW-200	0.06889	0.03955	2	No	14	0.05422	0.02071	0	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.0714	0.03445	2	No	14	0.05293	0.02608	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1162	0.06271	2	No	14	0.08944	0.03774	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.0025	0.004	No	14	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.0025	0.004	No	14	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00055	0.004	No	14	0.002068	0.0008591	78.57	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00061	0.005	No	13	0.002192	0.0007524	84.62	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.014	0.0021	0.005	No	14	0.007179	0.005691	7.143	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.002696	0.001222	0.005	No	14	0.001959	0.001041	0	None	No	0.01	Param.
Chromium (mg/L)	MW-200	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-201	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-206	0.0025	0.0025	0.1	No	11	0.002509	0.00003015	90.91	None	No	0.006	NP (NDs)
Cobalt (mg/L)	MW-200	0.00252	0.001332	0.006	No	14	0.001551	0.0006099	21.43	Cohen`s	No	0.01	Param.
Cobalt (mg/L)	MW-201	0.00322	0.001578	0.006	No	14	0.002461	0.001314	7.143	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.005103	0.002449	0.006	No	14	0.003776	0.001873	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.98**	**9.297**	**5**	**Yes**	**14**	**13.94**	**6.385**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**14**	**14.19**	**8.305**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**31.73**	**14.99**	**5**	**Yes**	**14**	**23.36**	**11.81**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.1	0.05	4	No	15	0.08533	0.06353	13.33	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7911	0.5001	4	No	16	0.6456	0.2236	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08743	0.05245	4	No	16	0.06994	0.02688	0	None	No	0.01	Param.
Lead (mg/L)	MW-200	0.001498	0.0008392	0.015	No	14	0.001169	0.000465	14.29	None	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00065	0.015	No	14	0.001138	0.0003276	78.57	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-206	0.01	0.0019	0.015	No	14	0.006343	0.003783	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	14	0.004721	0.001988	71.43	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-201	0.0078	0.0043	0.04	No	14	0.007479	0.008074	14.29	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0014	0.04	No	14	0.004471	0.001344	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002449	0.001261	0.002	No	14	0.001855	0.000839	0	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00032	0.002	No	14	0.001511	0.001041	0	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.0005361	0.0001662	0.002	No	14	0.0003736	0.0002926	14.29	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-200	0.015	0.0078	0.1	No	12	0.0144	0.002078	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.015	0.0015	0.1	No	12	0.01387	0.003897	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.015	0.00092	0.1	No	12	0.01383	0.004065	91.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.016	0.0042	0.05	No	14	0.01023	0.005539	0	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-201	0.01337	0.005047	0.05	No	14	0.009207	0.005873	0	None	No	0.01	Param.
Selenium (mg/L)	MW-206	0.01955	0.01402	0.05	No	14	0.01679	0.003906	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0003476	0.0000521	0.002	No	14	0.0002243	0.0001748	28.57	Cohen`s	No	0.01	Param.
Thallium (mg/L)	MW-201	0.0004515	0.0002128	0.002	No	14	0.0003321	0.0001685	0	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.000845	0.0004164	0.002	No	14	0.0006307	0.0003026	0	None	No	0.01	Param.

Confidence Interval Summary Table - 300 Series Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/9/2020, 7:43 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	**MW-303**	**1.756**	**0.9349**	**0.1**	**Yes**	**14**	**1.346**	**0.5799**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/9/2020, 7:43 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-300	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-303	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-304	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-305	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-308	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Arsenic (mg/L)	MW-300	0.0013	0.0013	0.01	No	12	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-303	0.001676	0.0008936	0.01	No	12	0.001285	0.0004989	41.67	None	No	0.01	Param.
Arsenic (mg/L)	MW-304	0.0051	0.0005	0.01	No	9	0.002047	0.001932	11.11	None	No	0.002	NP (normality)
Arsenic (mg/L)	MW-305	0.0013	0.0013	0.01	No	12	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.0013	0.0013	0.01	No	12	0.0013	0	100	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.01195	0.01076	2	No	14	0.01136	0.0008419	0	None	No	0.01	Param.
Barium (mg/L)	MW-303	0.03983	0.02724	2	No	14	0.03379	0.009333	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04311	0.02789	2	No	14	0.0355	0.01074	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.026	0.016	2	No	14	0.01921	0.005536	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02805	0.0218	2	No	14	0.02493	0.004411	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-300	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-303	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-304	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-305	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-308	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Cadmium (mg/L)	MW-300	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0005752	0.0004148	0.005	No	14	0.000495	0.0001133	21.43	None	No	0.01	Param.
Cadmium (mg/L)	MW-304	0.001	0.0005	0.005	No	14	0.0005357	0.0001336	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0025	0.0025	0.1	No	11	0.002609	0.0003618	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0025	0.1	No	11	0.002382	0.000392	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.0025	0.1	No	11	0.0025	1.7e-11	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-308	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00023	0.006	No	14	0.0005114	0.0001403	85.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006533	0.0004262	0.006	No	14	0.0005807	0.0001144	35.71	Cohen`s	No	0.01	Param.
Cobalt (mg/L)	MW-304	0.04157	0.004278	0.006	No	8	0.02186	0.02333	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	14	0.0005457	0.0001718	28.57	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00056	0.0005	0.006	No	14	0.0005136	0.00003713	85.71	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.659	4.727	5	No	14	5.193	0.6579	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-303	6.31	4.37	5	No	14	5.939	2.142	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-304	7.398	3.819	5	No	14	5.609	2.527	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.643	1.24	5	No	14	1.448	0.2986	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.127	2.325	5	No	14	2.726	0.5663	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	15	0.09607	0.01523	93.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2567	0.162	4	No	16	0.2094	0.0728	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.1235	0.07385	4	No	15	0.09867	0.03662	46.67	None	No	0.01	Param.
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	15	0.09567	0.01678	93.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1353	0.07596	4	No	16	0.1056	0.0456	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lead (mg/L)	MW-304	0.0013	0.00047	0.015	No	11	0.001045	0.0003898	54.55	None	No	0.006	NP (normality)
Lead (mg/L)	MW-305	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lead (mg/L)	MW-308	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0014	0.04	No	14	0.00443	0.001457	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02858	0.02271	0.04	No	14	0.02571	0.004322	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.005	0.0034	0.04	No	14	0.004379	0.001217	71.43	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.005	0.0014	0.04	No	14	0.004424	0.001473	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.005	0.0013	0.04	No	14	0.003971	0.001703	71.43	None	No	0.01	NP (normality)

Confidence Interval Summary Table - 300 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/9/2020, 7:43 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-300	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-303	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00065	0.0002	0.002	No	14	0.0004669	0.00033	21.43	None	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-300	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.756**	**0.9349**	**0.1**	**Yes**	**14**	**1.346**	**0.5799**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0043	0.0029	0.1	No	14	0.003443	0.001226	50	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.003	0.0016	0.1	No	14	0.0029	0.0003742	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.003	0.00098	0.1	No	14	0.002856	0.0005399	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.00025	0.00025	0.05	No	14	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.006473	0.00377	0.05	No	14	0.005121	0.001908	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006781	0.003757	0.05	No	13	0.005269	0.002034	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00027	0.00025	0.05	No	14	0.0002514	0.000005345	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.006079	0.003763	0.05	No	14	0.004921	0.001635	0	None	No	0.01	Param.
Thallium (mg/L)	MW-300	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-303	0.0002206	0.0001652	0.002	No	14	0.0001929	0.00003911	7.143	None	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0001968	0.0001168	0.002	No	14	0.0001568	0.00005649	14.29	None	No	0.01	Param.
Thallium (mg/L)	MW-305	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-308	0.0003092	0.000218	0.002	No	14	0.0002636	0.0000644	7.143	None	No	0.01	Param.

Tolerance Limit Summary Table - Appendix IV

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.0025	n/a	72	n/a	n/a	100	n/a	n/a	0.02489	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.0013	n/a	84	n/a	n/a	83.33	n/a	n/a	0.01345	NP Inter(NDs)
Barium (mg/L)	n/a	0.01931	n/a	84	0.1133	0.01314	0	None	sqrt(x)	0.05	Inter
Beryllium (mg/L)	n/a	0.0005	n/a	84	n/a	n/a	96.43	n/a	n/a	0.01345	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0005	n/a	84	n/a	n/a	100	n/a	n/a	0.01345	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0059	n/a	83	n/a	n/a	90.36	n/a	n/a	0.01416	NP Inter(NDs)
Cobalt (mg/L)	n/a	0.0032	n/a	84	n/a	n/a	34.52	n/a	n/a	0.01345	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	n/a	2.5	n/a	84	n/a	n/a	3.571	n/a	n/a	0.01345	NP Inter(normality)
Fluoride (mg/L)	n/a	0.12	n/a	90	n/a	n/a	97.78	n/a	n/a	0.009888	NP Inter(NDs)
Lead (mg/L)	n/a	0.001	n/a	84	n/a	n/a	94.05	n/a	n/a	0.01345	NP Inter(NDs)
Lithium (mg/L)	n/a	0.0037	n/a	83	n/a	n/a	73.49	n/a	n/a	0.01416	NP Inter(normality)
Mercury (mg/L)	n/a	0.0002	n/a	84	n/a	n/a	96.43	n/a	n/a	0.01345	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.0042	n/a	84	n/a	n/a	96.43	n/a	n/a	0.01345	NP Inter(NDs)
Selenium (mg/L)	n/a	0.0025	n/a	84	n/a	n/a	78.57	n/a	n/a	0.01345	NP Inter(NDs)
Thallium (mg/L)	n/a	0.0001	n/a	84	n/a	n/a	100	n/a	n/a	0.01345	NP Inter(NDs)

PLANT CRIST GWPS				
Constituent Name	**MCL**	**Rule-Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0025	0.006
Arsenic, Total (mg/L)	0.01		0.0013	0.01
Barium, Total (mg/L)	2		0.019	2
Beryllium, Total (mg/L)	0.004		0.0005	0.004
Cadmium, Total (mg/L)	0.005		0.0005	0.005
Chromium, Total (mg/L)	0.1		0.0059	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.0032	0.006
Combined Radium, Total (pCi/L)	5		2.5	5
Fluoride, Total (mg/L)	4		0.12	4
Lead, Total (mg/L)	0.015		0.001	0.015
Lithium, Total (mg/L)	n/a	0.04	0.0037	0.04
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.0042	0.1
Selenium, Total (mg/L)	0.05		0.0025	0.05
Thallium, Total (mg/L)	0.002		0.0001	0.002

MCL = Maximum Contaminant Level

GWPS = Groundwater Protection Standard

Prediction Limits - 100, 200 & 300 Series

100 Series

Interwell Prediction Limit Summary - 100 Series Wells Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-103	0.081	n/a	11/7/2019	0.19	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	11/7/2019	11	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	11/9/2019	1.8	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-106	0.081	n/a	11/9/2019	0.097	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	11/7/2019	0.42	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	11/7/2019	4.2	Yes	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.43	n/a	11/7/2019	3.4	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.43	n/a	11/7/2019	62	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.43	n/a	11/9/2019	84	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.43	n/a	11/7/2019	4.3	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.43	n/a	11/7/2019	32	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	6.758	n/a	11/7/2019	15	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	6.758	n/a	11/7/2019	120	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	6.758	n/a	11/9/2019	200	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	6.758	n/a	11/7/2019	18	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	6.758	n/a	11/7/2019	120	Yes	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	7.11	4.5	11/7/2019	4.03	Yes	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	11/7/2019	0.21	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	11/7/2019	27	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	11/7/2019	610	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	11/9/2019	120	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	11/7/2019	16	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	11/7/2019	290	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	11/7/2019	980	Yes	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	11/9/2019	720	Yes	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	11/7/2019	540	Yes	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2

Interwell Prediction Limit Summary - 100 Series Wells All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:51 PM

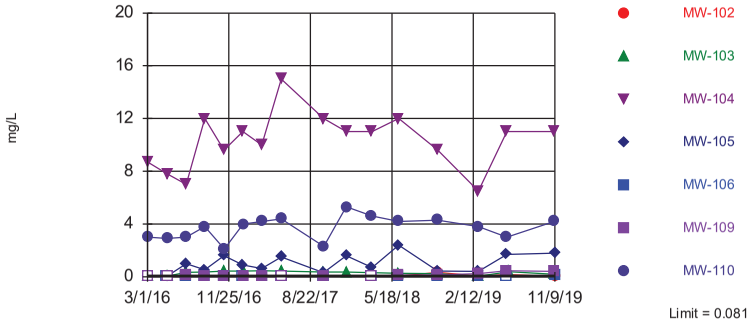
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	11/9/2019	0.023	No	90	n/a	n/a	90	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**11/7/2019**	**0.19**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**11/7/2019**	**11**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**11/9/2019**	**1.8**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-106**	**0.081**	**n/a**	**11/9/2019**	**0.097**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**11/7/2019**	**0.42**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**11/7/2019**	**4.2**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.43	n/a	11/9/2019	0.61	No	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.43**	**n/a**	**11/7/2019**	**3.4**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.43**	**n/a**	**11/7/2019**	**62**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.43**	**n/a**	**11/9/2019**	**84**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.43	n/a	11/9/2019	0.56	No	90	0.8908	0.1251	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.43**	**n/a**	**11/7/2019**	**4.3**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.43**	**n/a**	**11/7/2019**	**32**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	6.758	n/a	11/9/2019	6.1	No	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**6.758**	**n/a**	**11/7/2019**	**15**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**6.758**	**n/a**	**11/7/2019**	**120**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**6.758**	**n/a**	**11/9/2019**	**200**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	6.758	n/a	11/9/2019	4.7	No	90	5.177	0.8388	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**6.758**	**n/a**	**11/7/2019**	**18**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**6.758**	**n/a**	**11/7/2019**	**120**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	7.11	4.5	11/9/2019	4.78	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	7.11	4.5	11/7/2019	4.99	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**7.11**	**4.5**	**11/7/2019**	**4.03**	**Yes**	**90**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0004742**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	7.11	4.5	11/9/2019	6.19	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	7.11	4.5	11/9/2019	5.06	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	7.11	4.5	11/7/2019	4.78	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	7.11	4.5	11/7/2019	4.74	No	90	n/a	n/a	0	n/a	n/a	0.0004742	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	11/9/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	11/7/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**11/7/2019**	**0.21**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002371**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	11/9/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	11/9/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	11/7/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	11/7/2019	0.04	No	90	n/a	n/a	97.78	n/a	n/a	0.0002371	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	11/9/2019	5ND	No	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**11/7/2019**	**27**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**11/7/2019**	**610**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**11/9/2019**	**120**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	11/9/2019	5ND	No	89	n/a	n/a	75.28	n/a	n/a	0.0002432	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**11/7/2019**	**16**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**11/7/2019**	**290**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002432**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	11/9/2019	24	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	11/7/2019	50	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**11/7/2019**	**980**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002371**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**11/9/2019**	**720**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002371**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	11/9/2019	42	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	11/7/2019	24	No	90	n/a	n/a	30	n/a	n/a	0.0002371	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**11/7/2019**	**540**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002371**	**NP Inter (normality) 1 of 2**

Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-106, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 90 background values. 90% NDs. Annual per-constituent alpha = 0.003314. Individual comparison alpha = 0.0002371 (1 of 2). Comparing 7 points to limit.

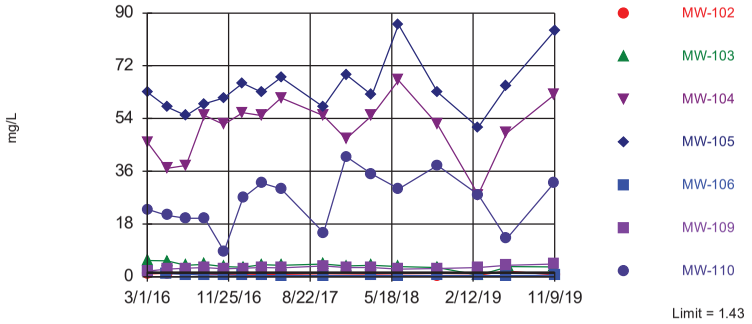
Constituent: Boron Analysis Run 3/7/2020 4:48 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8908, Std. Dev.=0.1251, n=90. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9656, critical = 0.961. Kappa = 1.885 (c=7, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001075. Comparing 7 points to limit.

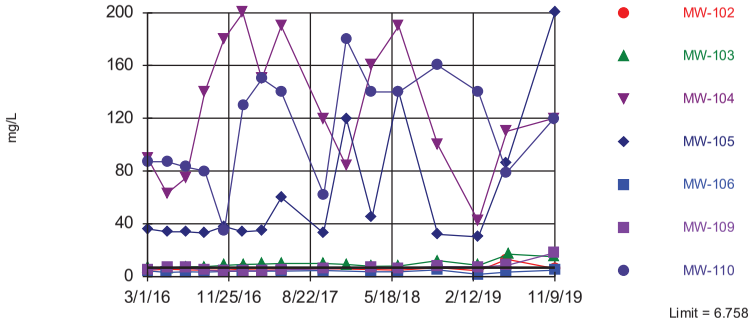
Constituent: Calcium Analysis Run 3/7/2020 4:48 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.177, Std. Dev.=0.8388, n=90. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9674, critical = 0.961. Kappa = 1.885 (c=7, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001075. Comparing 7 points to limit.

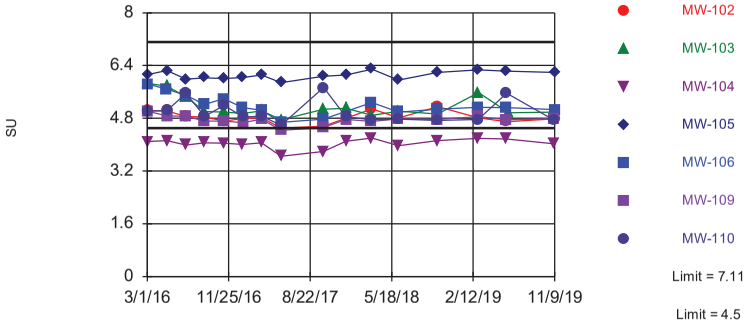
Constituent: Chloride Analysis Run 3/7/2020 4:48 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limits: MW-104

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 90 background values. Annual per-constituent alpha = 0.006629. Individual comparison alpha = 0.0004742 (1 of 2). Comparing 7 points to limit.

Constituent: Field pH Analysis Run 3/7/2020 4:48 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05 (*)	8.7	<0.05	<0.05 (*)	<0.05
3/2/2016									
5/2/2016	<0.05	<0.05	<0.05						<0.05
5/3/2016							<0.05		
5/4/2016				<0.05					
5/5/2016					<0.05 (*)	7.8		<0.05 (*)	
7/5/2016	<0.05	<0.05	<0.05				<0.05		<0.05
7/7/2016					1	7		0.33	
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05			<0.05		<0.05
9/7/2016					0.53	12		0.37	
11/7/2016	<0.05	<0.05	<0.05				<0.05		<0.05
11/9/2016					1.6	9.6			
11/10/2016				<0.05				0.43	
1/9/2017	<0.05	<0.05	<0.05				<0.05		<0.05
1/11/2017				<0.05	0.9	11			
1/12/2017								0.44	
3/13/2017	<0.05	<0.05	0.022 (J)				<0.05		<0.05
3/14/2017				<0.05	0.63	10			
3/15/2017								0.46	
5/15/2017	<0.05	<0.05	<0.05				<0.05		<0.05
5/18/2017				<0.05	1.5	15		0.44	
10/2/2017	<0.05	<0.05	0.023 (J)				<0.05		<0.05
10/5/2017				<0.05	0.32	12			
10/6/2017								0.37	
12/19/2017					1.6 (R)	11 (R)		0.35 (R)	
3/12/2018	<0.05	<0.05	<0.05				<0.05		<0.05
3/14/2018				<0.05	0.7	11		0.32	
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018							<0.05		<0.05
6/10/2018				<0.05	2.4	12			
6/11/2018								0.26	
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018							<0.05		<0.05
10/18/2018				0.081	0.43	9.6		0.25	
10/19/2018									
2/27/2019	<0.05	<0.05	<0.05	<0.05			<0.05		<0.05
3/1/2019					0.4	6.5			
3/2/2019								<0.05	
5/31/2019	<0.05	<0.05	<0.05	<0.05			<0.05		<0.05
6/3/2019					1.7	11			
6/11/2019								0.39	
11/6/2019	0.017 (V)	0.016 (V)	0.022 (V)	0.016 (V)			0.011 (V)		0.0099 (J)
11/7/2019						11		0.19	
11/9/2019					1.8				

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<0.05	<0.05		
3/2/2016			3	<0.05 (*)
5/2/2016				
5/3/2016				
5/4/2016		<0.05 (*)		
5/5/2016	<0.05		2.9	<0.05 (*)
7/5/2016				
7/7/2016	<0.05		3	0.1
7/8/2016		<0.05		
9/6/2016	<0.05			
9/7/2016		0.022 (J)	3.8	0.073
11/7/2016				
11/9/2016		<0.05		
11/10/2016	<0.05		2.1	0.073
1/9/2017				
1/11/2017		<0.05		
1/12/2017	<0.05		4	0.059
3/13/2017				
3/14/2017		0.071		0.044 (J)
3/15/2017	<0.05		4.2	
5/15/2017				
5/18/2017	<0.05	<0.05 (*)	4.4	<0.05 (*)
10/2/2017				
10/5/2017		<0.05		0.047 (J)
10/6/2017	<0.05		2.3	
12/19/2017			5.3 (R)	
3/12/2018				
3/14/2018	<0.05	<0.05	4.6	<0.05
6/5/2018				
6/6/2018				
6/10/2018		0.066		
6/11/2018	<0.05		4.2	0.11
10/16/2018				
10/17/2018				
10/18/2018		0.067	4.3	0.15
10/19/2018	0.34			
2/27/2019				
3/1/2019		0.048 (J)	3.8	0.23
3/2/2019	<0.05			
5/31/2019				
6/3/2019	0.17	<0.05	3	0.45
6/11/2019				
11/6/2019				
11/7/2019			4.2	0.42
11/9/2019	0.023 (J)	0.097 (V)		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	1	0.67	1.4	1 (J)					
3/1/2016					63	46	0.6	5.6	1.5
3/2/2016									
5/2/2016	0.78	0.58	1.1						0.83
5/3/2016							0.55		
5/4/2016				0.62					
5/5/2016					58	37		5.4	
7/5/2016	0.65	0.43	0.94				0.53		1.6
7/7/2016					55	38		3.9	
7/8/2016				0.4					
9/6/2016	0.7	0.48	1	0.45			0.5		1.6
9/7/2016					59	55		4.2	
11/7/2016	0.8	0.56	1.2				0.68		1.5
11/9/2016					61	52			
11/10/2016				0.44				3.5	
1/9/2017	0.74	0.43	1.2				0.56		0.98
1/11/2017				0.42	66	56			
1/12/2017								3.3	
3/13/2017	0.78	0.48	1.3				0.62		0.75
3/14/2017				0.42	63	55			
3/15/2017								4.1	
5/15/2017	0.76	0.37	1				0.58		0.83
5/18/2017				0.38	68	61		3.9	
10/2/2017	0.78	0.47	1.2				0.62		0.83
10/5/2017				0.39	58	55			
10/6/2017								4.3	
12/19/2017					69 (R)	47 (R)		3.7 (R)	
3/12/2018	0.88	0.49	1.4				0.59		0.71
3/14/2018				0.49	62	55		3.9	
6/5/2018	0.9	0.49	1.2						
6/6/2018							0.59		0.68
6/10/2018				0.39	86	67			
6/11/2018								3.5	
10/16/2018	0.86	0.42	1.4						
10/17/2018							0.54		0.66
10/18/2018				0.41	63	52		3.1	
10/19/2018									
2/27/2019	0.96	0.56	1.3	0.44			0.63		0.7
3/1/2019					51	28			
3/2/2019								0.56	
5/31/2019	0.76	0.33	1.1	0.28			0.45		0.52
6/3/2019					65	49			
6/11/2019								3.5	
11/6/2019	0.88	0.49	1.2	0.46			0.55		0.74
11/7/2019						62		3.4	
11/9/2019					84				

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	0.99 (J)	1.8		
3/2/2016			23	2
5/2/2016				
5/3/2016				
5/4/2016		1.1		
5/5/2016	1.2		21	2.6
7/5/2016				
7/7/2016	1.1		20	2.9
7/8/2016		0.82		
9/6/2016	1			
9/7/2016		0.57	20	3.1
11/7/2016				
11/9/2016		0.62		
11/10/2016	0.73		8.7	2.7
1/9/2017				
1/11/2017		0.44		
1/12/2017	0.63		27	2.9
3/13/2017				
3/14/2017		0.46		3.1
3/15/2017	0.72		32	
5/15/2017				
5/18/2017	0.71	0.41	30	3
10/2/2017				
10/5/2017		0.39		3.7
10/6/2017	0.56		15	
12/19/2017			41 (R)	3.1 (R)
3/12/2018				
3/14/2018	0.63	0.47	35	3.1
6/5/2018				
6/6/2018				
6/10/2018		0.39		
6/11/2018	0.55		30	2.6
10/16/2018				
10/17/2018				
10/18/2018		0.47	38	2.8
10/19/2018	0.37			
2/27/2019				
3/1/2019		0.46	28	3.1
3/2/2019	0.57			
5/31/2019				
6/3/2019	2	0.38	13	3.9
6/11/2019				
11/6/2019				
11/7/2019			32	4.3
11/9/2019	0.61 (V)	0.56 (V)		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	5.3	8.1	7.4	5.4					
3/1/2016					36	90	5.6	6.6	4
3/2/2016									
5/2/2016	4.4	6	6.3						3.6
5/3/2016							5.1		
5/4/2016				4.5					
5/5/2016					34	63		6.5	
7/5/2016	4.2	5.2	4.8				4.7		3.6
7/7/2016					34	75		7.3	
7/8/2016				4.9					
9/6/2016	4.3	5.5	6	4.3			4.4		4
9/7/2016					33	140		7.4	
11/7/2016	4.2	5.4	5.7				4.6		4.4
11/9/2016					38	180			
11/10/2016				4.5				8.4	
1/9/2017	5.3	6.1	6.8				5.3		4.4
1/11/2017				5.3	34	200			
1/12/2017								9.2	
3/13/2017	5.2	5.5	6.8				5.6		4.1
3/14/2017				5.5	35	150			
3/15/2017								9.5	
5/15/2017	4.8	4.7	6.1				5.2		3.7
5/18/2017				5	60	190		9.9	
10/2/2017	5.5	6.1	6				5.5		4.8
10/5/2017				5.6	33	120			
10/6/2017								10	
12/19/2017					120 (R)	84 (R)		9.3 (R)	
3/12/2018	5.3	6.1	5.9				5.6		4
3/14/2018				5.2	45	160		7.7	
6/5/2018	5.3	5.5	6.5						
6/6/2018							5.6		4.1
6/10/2018				5.2	140	190			
6/11/2018								8	
10/16/2018	5.5	5.1	5.9						
10/17/2018							5.5		3.7
10/18/2018				5.2	32	100		12	
10/19/2018									
2/27/2019	4.6	5	4.3	5.1			5.1		4
3/1/2019					30	42			
3/2/2019								8.5	
5/31/2019	5.1	5.4	4.5	5			5.4		3.7
6/3/2019					86	110			
6/11/2019								17	
11/6/2019	5.8	6.1	5.7	6			5.9		4.7
11/7/2019						120		15	
11/9/2019					200				

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	4.8	4.4		
3/2/2016			87	5
5/2/2016				
5/3/2016				
5/4/2016		3		
5/5/2016	5.6		87	6.8
7/5/2016				
7/7/2016	5		83	6.7
7/8/2016		3.5		
9/6/2016	4.8			
9/7/2016		3.3	80	4.8
11/7/2016				
11/9/2016		3.9		
11/10/2016	4.7		35	4.2
1/9/2017				
1/11/2017		4.1		
1/12/2017	5.6		130	4.4
3/13/2017				
3/14/2017		4		4.4
3/15/2017	5.9		150	
5/15/2017				
5/18/2017	5.7	4	140	5
10/2/2017				
10/5/2017		4.5		5.8
10/6/2017	6		62	
12/19/2017			180 (R)	
3/12/2018				
3/14/2018	5.2	3.7	140	6.9
6/5/2018				
6/6/2018				
6/10/2018		3.6		
6/11/2018	4.9		140	6
10/16/2018				
10/17/2018				
10/18/2018		5	160	7.5
10/19/2018	6.7			
2/27/2019				
3/1/2019		1.7 (J)	140	7.2
3/2/2019	4.4			
5/31/2019				
6/3/2019	13	3.3	79	8.5
6/11/2019				
11/6/2019				
11/7/2019			120	18
11/9/2019	6.1	4.7		

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	5.11	5.11	4.9	5.26					
3/1/2016					6.12	4.09	5.08	5.86	6.37
3/2/2016									
5/2/2016	4.76	4.77	4.69						5.605 (D)
5/3/2016							5.14		
5/4/2016				5.1					
5/5/2016					6.25	4.12		5.77	
7/5/2016	5.12	5.48	7.11				5.38		6.29
7/7/2016					5.99	3.99		5.45	
7/8/2016				4.96					
9/6/2016	5.11	5.12	5.19	5.43			5.37		6.42
9/7/2016					6.03	4.06		5.01	
11/7/2016	4.76	4.73	4.64				4.92		5.75
11/9/2016					6.01	4.05			
11/10/2016				4.89				4.99	
1/9/2017	4.99	5	4.94				5.05		5.98
1/11/2017				4.87	6.04	4.01			
1/12/2017								4.95	
3/13/2017	4.57	4.74	4.63				4.87		5.81
3/14/2017				4.71	6.11	4.06			
3/15/2017								5.03	
5/15/2017	4.6	4.63	4.52				4.69		5.42
5/18/2017				4.5	5.88	3.65		4.75	
10/2/2017	4.64	4.63	4.54				4.88		5.63
10/5/2017				4.63	6.07	3.79			
10/6/2017								5.07	
12/19/2017					6.11 (R)	4.1 (R)		5.1 (R)	
3/12/2018	4.85	4.81	4.81				5.07		5.6
3/14/2018				5.14	6.29	4.2		4.89	
6/5/2018	4.92	5.04	4.9						
6/6/2018							5.09		5.58
6/10/2018				5.12	5.96	3.97			
6/11/2018								5.02	
10/16/2018	4.93	4.98	4.81						
10/17/2018							4.99		5.54
10/18/2018				4.97	6.19	4.12		4.93	
10/19/2018									
2/27/2019	4.75	4.78	4.71	4.84			4.87		5.4
3/1/2019					6.27	4.19			
3/2/2019								5.58	
5/31/2019	4.9	4.92	4.84	4.92			4.89		5.45
6/3/2019					6.23	4.17			
6/11/2019								4.97	
11/6/2019	4.82	4.88	4.78	4.94			5.04		5.52
11/7/2019						4.03		4.99	
11/9/2019					6.19				

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

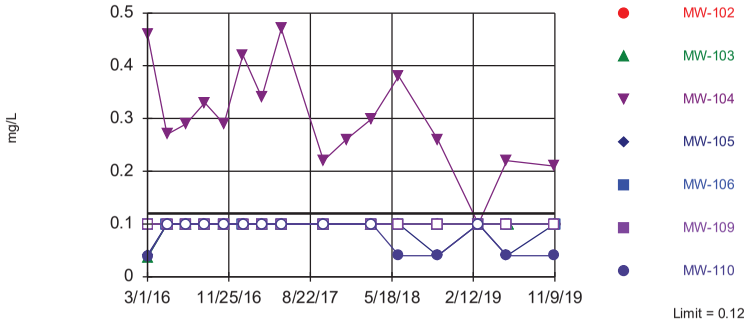
	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	5.03	5.84		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016				
5/3/2016				
5/4/2016		5.69		
5/5/2016	5.03		5.04	4.87
7/5/2016				
7/7/2016	4.85		5.55	4.86
7/8/2016		5.49		
9/6/2016	4.84			
9/7/2016		5.22	4.86	4.72
11/7/2016				
11/9/2016		5.39		
11/10/2016	4.72		5.19	4.72
1/9/2017				
1/11/2017		5.12		
1/12/2017	4.79		4.84	4.67
3/13/2017				
3/14/2017		5.05		4.77
3/15/2017	4.81		4.86	
5/15/2017				
5/18/2017	4.5	4.68	4.59	4.43
10/2/2017				
10/5/2017		4.77		4.52
10/6/2017	4.56		5.73	
12/19/2017			4.84 (R)	4.76 (R)
3/12/2018				
3/14/2018	5.08	5.28	4.75	4.71
6/5/2018				
6/6/2018				
6/10/2018		4.99		
6/11/2018	4.81		4.77	4.78
10/16/2018				
10/17/2018				
10/18/2018		5.07	4.73	4.76
10/19/2018	5.15			
2/27/2019				
3/1/2019		5.13	4.76	4.85
3/2/2019	4.81			
5/31/2019				
6/3/2019	4.7	5.12	5.56	4.75
6/11/2019				
11/6/2019				
11/7/2019			4.74	4.78
11/9/2019	4.78	5.06		

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-104

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 90 background values. 97.78% NDs. Annual per-constituent alpha = 0.003314. Individual comparison alpha = 0.0002371 (1 of 2). Comparing 7 points to limit.

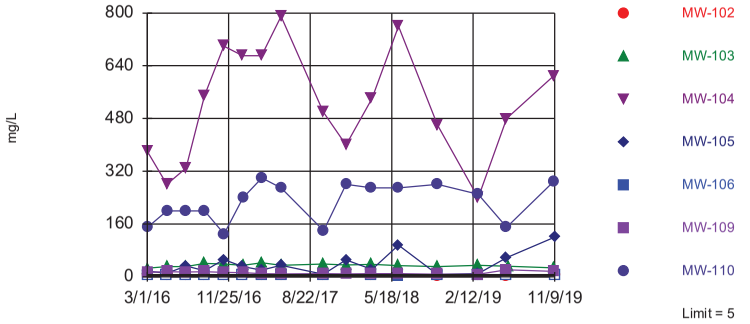
Constituent: Fluoride Analysis Run 3/7/2020 4:48 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 89 background values. 75.28% NDs. Annual per-constituent alpha = 0.0034. Individual comparison alpha = 0.0002432 (1 of 2). Comparing 7 points to limit.

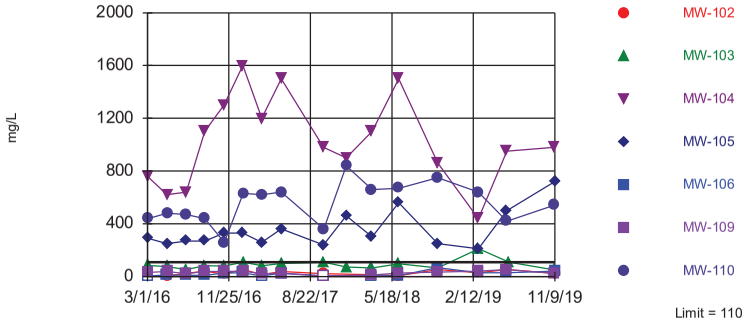
Constituent: Sulfate Analysis Run 3/7/2020 4:48 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-104, MW-105, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 90 background values. 30% NDs. Annual per-constituent alpha = 0.003314. Individual comparison alpha = 0.0002371 (1 of 2). Comparing 7 points to limit.

Constituent: Total Dissolved Solids Analysis Run 3/7/2020 4:48 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					0.041 (J)	0.46	<0.1	0.037 (J)	0.033 (J)
3/2/2016									
5/2/2016	<0.1	<0.1	<0.1						<0.1
5/3/2016							<0.1		
5/4/2016				<0.1					
5/5/2016					<0.1	0.27		<0.1	
7/5/2016	<0.1	<0.1	<0.1				<0.1		<0.1
7/7/2016					<0.1	0.29		<0.1	
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
9/7/2016					<0.1	0.33		<0.1	
11/7/2016	<0.1	<0.1	<0.1				<0.1		<0.1
11/9/2016					<0.1	0.29			
11/10/2016				<0.1				<0.1	
1/9/2017	<0.1	<0.1	<0.1				<0.1		<0.1
1/11/2017				<0.1	<0.1	0.42			
1/12/2017								<0.1	
3/13/2017	<0.1	<0.1	<0.1				<0.1		<0.1
3/14/2017				<0.1	<0.1	0.34			
3/15/2017								<0.1	
5/15/2017	<0.1	<0.1	<0.1				<0.1		<0.1
5/18/2017				<0.1	<0.1	0.47		<0.1	
10/2/2017	<0.1	<0.1	<0.1				<0.1		<0.1
10/5/2017				<0.1	<0.1	0.22			
10/6/2017								<0.1	
12/19/2017						0.26 (R)			
3/12/2018	<0.1	<0.1	<0.1				<0.1		<0.1
3/14/2018				0.12	<0.1	0.3		<0.1	
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018							<0.1		<0.1
6/10/2018				<0.1	<0.1	0.38			
6/11/2018								<0.1	
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018							<0.1		<0.1
10/18/2018				<0.1	0.04 (J)	0.26		<0.1	
10/19/2018									
2/27/2019	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
3/1/2019					<0.1	0.1			
3/2/2019								<0.1	
5/31/2019	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
6/3/2019					0.04 (J)	0.22			
6/11/2019								<0.1	
11/6/2019	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
11/7/2019						0.21		<0.1	
11/9/2019					<0.1				

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<0.1	<0.1		
3/2/2016			0.039 (J)	<0.1
5/2/2016				
5/3/2016				
5/4/2016		<0.1		
5/5/2016	<0.1		<0.1	<0.1
7/5/2016				
7/7/2016	<0.1		<0.1	<0.1
7/8/2016		<0.1		
9/6/2016	<0.1			
9/7/2016		<0.1	<0.1	<0.1
11/7/2016				
11/9/2016		<0.1		
11/10/2016	<0.1		<0.1	<0.1
1/9/2017				
1/11/2017		<0.1		
1/12/2017	<0.1		<0.1	<0.1
3/13/2017				
3/14/2017		<0.1		<0.1
3/15/2017	<0.1		<0.1	
5/15/2017				
5/18/2017	<0.1	<0.1	<0.1	<0.1
10/2/2017				
10/5/2017		<0.1		<0.1
10/6/2017	<0.1		<0.1	
12/19/2017				
3/12/2018				
3/14/2018	<0.1	<0.1	<0.1	<0.1
6/5/2018				
6/6/2018				
6/10/2018		<0.1		
6/11/2018	<0.1		0.04 (J)	<0.1
10/16/2018				
10/17/2018				
10/18/2018		<0.1	0.04 (J)	<0.1
10/19/2018	<0.1			
2/27/2019				
3/1/2019		<0.1	<0.1	<0.1
3/2/2019	<0.1			
5/31/2019				
6/3/2019	<0.1	<0.1	0.04 (J)	<0.1
6/11/2019				
11/6/2019				
11/7/2019			0.04 (J)	<0.1
11/9/2019	<0.1	<0.1		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-105	MW-102	MW-103	MW-307 (bg)	MW-104
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					17	<5	26	<5	380
3/2/2016									
5/2/2016	15 (o)	2.1 (J)		<5				<5	
5/3/2016									
5/4/2016			<5						
5/5/2016					11	<5	31		280
7/5/2016	<5	2 (J)		<5				<5	
7/7/2016					33	<5	31		330
7/8/2016			<5						
9/6/2016	<5	1.8 (J)	<5	<5		<5		3.7 (J)	
9/7/2016					18		41		550
11/7/2016	<5	1.7 (J)		<5				<5	
11/9/2016					52				700
11/10/2016			<5			<5	39		
1/9/2017	<5	1.5 (J)		2.6 (J)				<5	
1/11/2017			<5		31				670
1/12/2017						<5	35		
3/13/2017	2.5 (J)	2.2 (J)		<5				<5	
3/14/2017			<5		20				670
3/15/2017						<5 (*)	43		
5/15/2017	<5	1.9 (J)		<5				<5	
5/18/2017			<5 (X)		35	<5 (X)	35		790
10/2/2017	<5	3.4 (J)		<5				1.7 (J)	
10/5/2017			<5		7.7				500
10/6/2017						<5	39		
12/19/2017					51 (R)		36 (R)		400 (R)
3/12/2018	<5	2.6 (J)		<5				<5	
3/14/2018			<5		22	<5	38		540
6/5/2018	<5	2.6 (J)		<5					
6/6/2018								<5	
6/10/2018			1.5 (J)		96				760
6/11/2018						1.7 (J)	34		
10/16/2018	<5	2.8 (J)		<5					
10/17/2018								<5	
10/18/2018			<5		6.6		31		460
10/19/2018						3.4 (J)			
2/27/2019	<5	2.4 (J)	1.9 (J)	<5				<5	
3/1/2019					9.6				240
3/2/2019						<5	35		
5/31/2019	<5	3.3 (J)	<5	<5				<5	
6/3/2019					58	3.5 (J)			480
6/11/2019							32		
11/6/2019	<5	3.7 (J)	<5	<5				<5	
11/7/2019							27		610
11/9/2019					120	<5			

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<5	<5		
3/2/2016			150	13
5/2/2016				
5/3/2016	<5			
5/4/2016		<5		
5/5/2016			200	15
7/5/2016	<5			
7/7/2016			200	14
7/8/2016		<5		
9/6/2016	<5			
9/7/2016		<5	200	15
11/7/2016	<5			
11/9/2016		<5		
11/10/2016			130	13
1/9/2017	<5			
1/11/2017		<5		
1/12/2017			240	12
3/13/2017	<5			
3/14/2017		<5		10 (V)
3/15/2017			300	
5/15/2017	<5			
5/18/2017		<5 (X)	270	8.7
10/2/2017	1.5 (J)			
10/5/2017		<5		9.8
10/6/2017			140	
12/19/2017			280 (R)	8.4 (R)
3/12/2018	<5			
3/14/2018		<5	270	9.7
6/5/2018				
6/6/2018	<5			
6/10/2018		1.4 (J)		
6/11/2018			270	10
10/16/2018				
10/17/2018	<5			
10/18/2018		<5	280	8.1
10/19/2018				
2/27/2019	<5			
3/1/2019		<5	250	7.4
3/2/2019				
5/31/2019	<5			
6/3/2019		<5	150	21
6/11/2019				
11/6/2019	<5			
11/7/2019			290	16
11/9/2019		<5		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	20	<5	12	20					
3/1/2016					290	760	10	84	<5
3/2/2016									
5/2/2016	<5	<5	6						36
5/3/2016							<5		
5/4/2016				6					
5/5/2016					250	620		76	
7/5/2016	12	14	<5				<5		<5
7/7/2016					270	640		54	
7/8/2016				6					
9/6/2016	36	30	38	36			36		44
9/7/2016					270	1100		82	
11/7/2016	18	8	<5				<5		30
11/9/2016					330	1300			
11/10/2016				16				80	
1/9/2017	4 (J)	<5	14				<5		12
1/11/2017				38	330	1600			
1/12/2017								110	
3/13/2017	6	<5	8				22		20
3/14/2017				<5	260	1200			
3/15/2017								82	
5/15/2017	<5	<5	<5				6		4 (J)
5/18/2017				10	360	1500		100	
10/2/2017	<5	<5	6				16		24
10/5/2017				<5	240	980			
10/6/2017								110	
12/19/2017					460 (R)	900 (R)		72 (R)	
3/12/2018	18	14	<5				<5		<5
3/14/2018				8	300	1100		66	
6/5/2018	10	<5	14						
6/6/2018							20		16
6/10/2018				8	560	1500			
6/11/2018								96	
10/16/2018	32	12	6						
10/17/2018							44		44
10/18/2018				28	250	860		64	
10/19/2018									
2/27/2019	110	54	110	68			20		28
3/1/2019					210	440			
3/2/2019								210	
5/31/2019	46	8	26	<5			32		18
6/3/2019					500	950			
6/11/2019								110	
11/6/2019	<5	4 (J)	<5	10			24		20
11/7/2019						980		50	
11/9/2019					720				

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/7/2020 4:51 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<5	<5		
3/2/2016			440	30
5/2/2016				
5/3/2016				
5/4/2016		12		
5/5/2016	<5		480	38
7/5/2016				
7/7/2016	24		470	22
7/8/2016		10		
9/6/2016	40			
9/7/2016		10	440	38
11/7/2016				
11/9/2016		26		
11/10/2016	20		260	38
1/9/2017				
1/11/2017		28		
1/12/2017	54		630	40
3/13/2017				
3/14/2017		<5		22
3/15/2017	14		620	
5/15/2017				
5/18/2017	38	26	640	24
10/2/2017				
10/5/2017		<5		<5
10/6/2017	22		360	
12/19/2017			840 (R)	
3/12/2018				
3/14/2018	14	<5	660	12
6/5/2018				
6/6/2018				
6/10/2018		6		
6/11/2018	8		670	26
10/16/2018				
10/17/2018				
10/18/2018		68	750	34
10/19/2018	54			
2/27/2019				
3/1/2019		28	640	42
3/2/2019	28			
5/31/2019				
6/3/2019	54	28	420	54
6/11/2019				
11/6/2019				
11/7/2019			540	24
11/9/2019	24	42		

200 Series

Intrawell Prediction Limit Summary - 200 Series Wells All Results (No Significant)

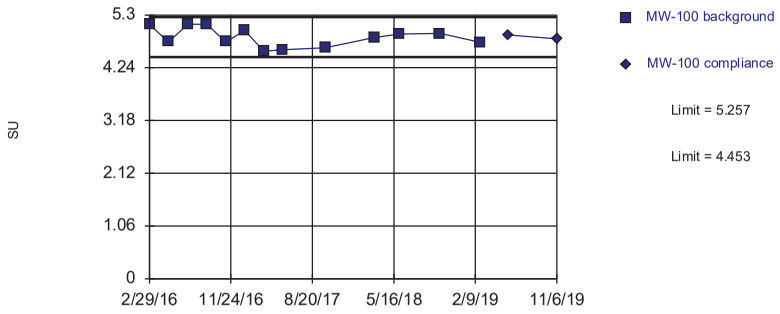
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	11/6/2019	4.82	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	11/6/2019	4.94	No	13	4.955	0.258	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-107	5.412	4.406	11/6/2019	4.88	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	11/6/2019	4.78	No	12	4.773	0.1917	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-306	5.438	4.624	11/6/2019	5.04	No	13	5.031	0.1961	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-307	6.537	5.063	11/6/2019	5.52	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-200	5.263	4.716	11/12/2019	4.92	No	14	4.989	0.134	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-201	5.704	4.463	11/12/2019	4.67	No	14	5.084	0.304	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-206	4.64	3.998	11/12/2019	4.56	No	14	4.319	0.1573	0	None	No	0.001253	Param Intra 1 of 2

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

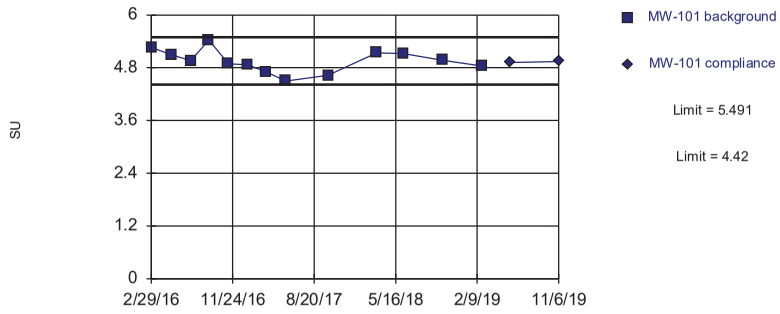
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

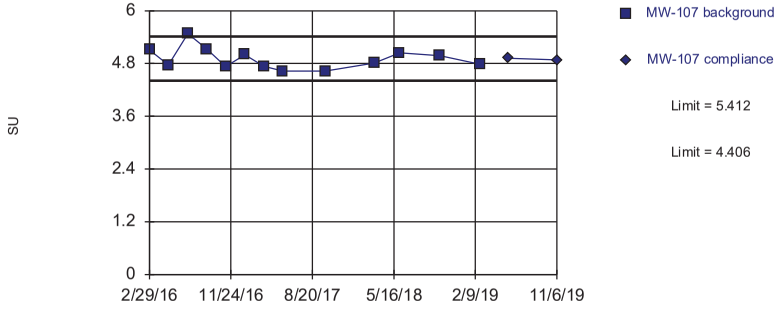
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

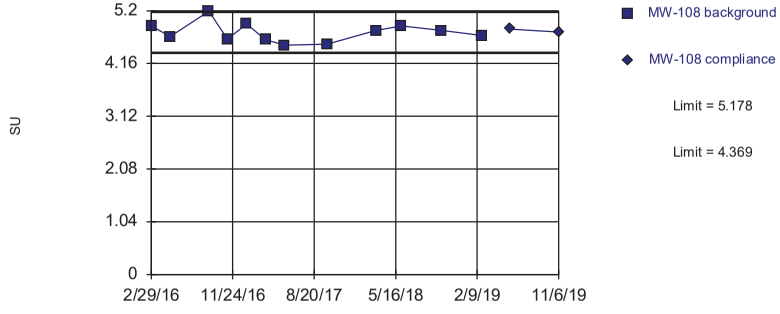
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.112 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100	MW-100
2/29/2016	5.11	
5/2/2016	4.76	
7/5/2016	5.12	
9/6/2016	5.11	
11/7/2016	4.76	
1/9/2017	4.99	
3/13/2017	4.57	
5/15/2017	4.6	
10/2/2017	4.64	
3/12/2018	4.85	
6/5/2018	4.92	
10/16/2018	4.93	
2/27/2019	4.75	
5/31/2019		4.9
11/6/2019		4.82

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-101	MW-101
2/29/2016	5.26	
5/4/2016	5.1	
7/8/2016	4.96	
9/6/2016	5.43	
11/10/2016	4.89	
1/11/2017	4.87	
3/14/2017	4.71	
5/18/2017	4.5	
10/5/2017	4.63	
3/14/2018	5.14	
6/10/2018	5.12	
10/18/2018	4.97	
2/27/2019	4.84	
5/31/2019		4.92
11/6/2019		4.94

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107	MW-107
2/29/2016	5.11	
5/2/2016	4.77	
7/5/2016	5.48	
9/6/2016	5.12	
11/7/2016	4.73	
1/9/2017	5	
3/13/2017	4.74	
5/15/2017	4.63	
10/2/2017	4.63	
3/12/2018	4.81	
6/5/2018	5.04	
10/16/2018	4.98	
2/27/2019	4.78	
5/31/2019		4.92
11/6/2019		4.88

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

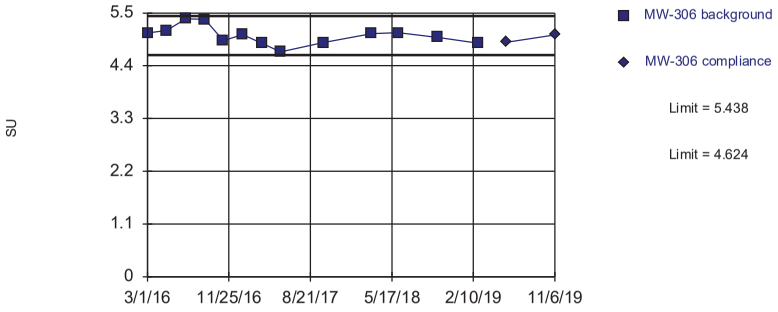
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-108	MW-108
2/29/2016	4.9	
5/2/2016	4.69	
7/5/2016	7.11 (o)	
9/6/2016	5.19	
11/7/2016	4.64	
1/9/2017	4.94	
3/13/2017	4.63	
5/15/2017	4.52	
10/2/2017	4.54	
3/12/2018	4.81	
6/5/2018	4.9	
10/16/2018	4.81	
2/27/2019	4.71	
5/31/2019		4.84
11/6/2019		4.78

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

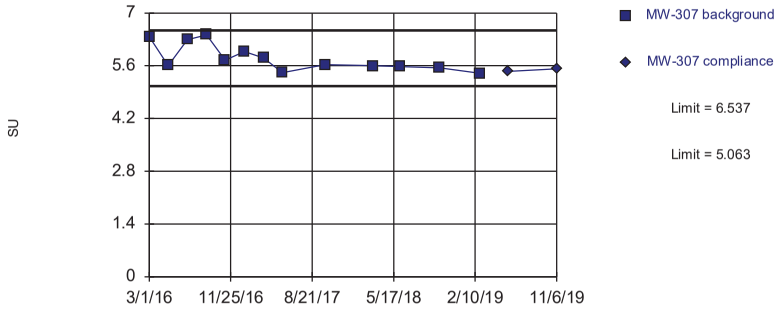
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

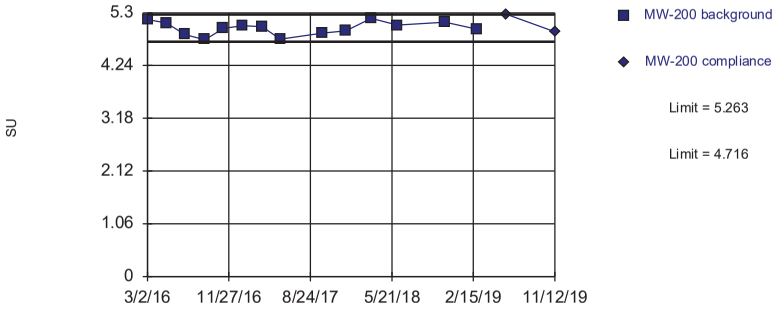
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.989, Std. Dev.=0.134, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

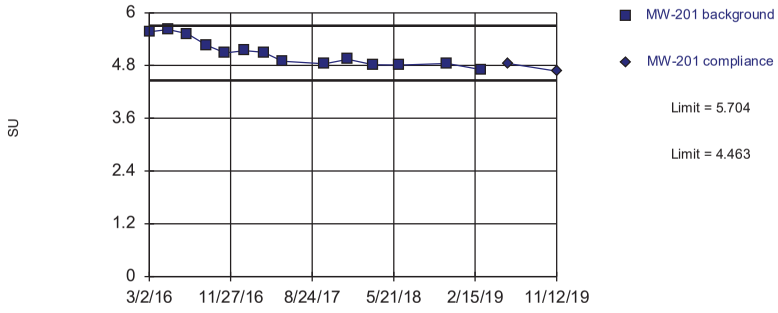
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.084, Std. Dev.=0.304, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8864, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306	MW-306
3/1/2016	5.08	
5/3/2016	5.14	
7/5/2016	5.38	
9/6/2016	5.37	
11/7/2016	4.92	
1/9/2017	5.05	
3/13/2017	4.87	
5/15/2017	4.69	
10/2/2017	4.88	
3/12/2018	5.07	
6/6/2018	5.09	
10/17/2018	4.99	
2/27/2019	4.87	
5/31/2019		4.89
11/6/2019		5.04

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-307	MW-307
3/1/2016	6.37	
5/2/2016	5.605 (D)	
7/5/2016	6.29	
9/6/2016	6.42	
11/7/2016	5.75	
1/9/2017	5.98	
3/13/2017	5.81	
5/15/2017	5.42	
10/2/2017	5.63	
3/12/2018	5.6	
6/6/2018	5.58	
10/17/2018	5.54	
2/27/2019	5.4	
5/31/2019		5.45
11/6/2019		5.52

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-200
3/2/2016	5.16 (D)	
5/3/2016	5.1	
7/5/2016	4.86	
9/8/2016	4.76	
11/9/2016	4.99	
1/12/2017	5.04	
3/17/2017	5.02	
5/16/2017	4.77	
10/4/2017	4.89	
12/20/2017	4.94 (R)	
3/13/2018	5.19	
6/8/2018	5.05	
11/13/2018	5.11	
2/28/2019	4.97	
6/4/2019		5.27
11/12/2019		4.92

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

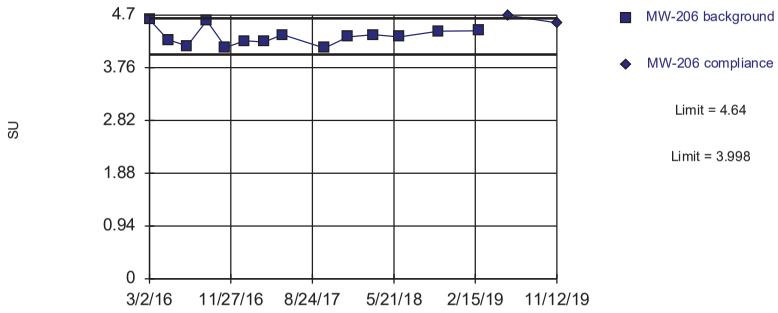
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-201
3/2/2016	5.57	
5/4/2016	5.62	
7/6/2016	5.52	
9/8/2016	5.26	
11/8/2016	5.09	
1/13/2017	5.14	
3/16/2017	5.1	
5/17/2017	4.9	
10/4/2017	4.84	
12/20/2017	4.94 (R)	
3/14/2018	4.82	
6/9/2018	4.81	
11/14/2018	4.85	
3/5/2019	4.71	
6/4/2019		4.85
11/12/2019		4.67

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.319, Std. Dev.=0.1573, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 3/7/2020 5:07 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:08 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-206	MW-206
3/2/2016	4.62	
5/3/2016	4.26	
7/5/2016	4.15	
9/8/2016	4.6	
11/9/2016	4.12	
1/12/2017	4.24	
3/17/2017	4.22	
5/17/2017	4.35	
10/3/2017	4.11	
12/20/2017	4.31	
3/14/2018	4.35	
6/8/2018	4.31	
10/17/2018	4.41	
2/28/2019	4.42	
6/4/2019		4.69
11/12/2019		4.56

Interwell Prediction Limit Summary - 200 Series Wells Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:57 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-200	0.081	n/a	11/12/2019	5.3	Yes	90	n/a	n/a	90	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-201	0.081	n/a	11/12/2019	4.5	Yes	90	n/a	n/a	90	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-206	0.081	n/a	11/12/2019	14	Yes	90	n/a	n/a	90	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-200	1.336	n/a	11/12/2019	130	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-201	1.336	n/a	11/12/2019	82	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-206	1.336	n/a	11/12/2019	240	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-200	6.588	n/a	11/12/2019	280	Yes	90	5.177	0.8388	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-201	6.588	n/a	11/12/2019	190	Yes	90	5.177	0.8388	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-206	6.588	n/a	11/12/2019	490	Yes	90	5.177	0.8388	0	None	No	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	11/12/2019	0.57	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-200	5	n/a	11/12/2019	100	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002443	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-201	5	n/a	11/12/2019	93	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002443	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-206	5	n/a	11/12/2019	260	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002443	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-200	110	n/a	11/12/2019	1000	Yes	90	n/a	n/a	30	n/a	n/a	0.0002381	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-201	110	n/a	11/12/2019	670	Yes	90	n/a	n/a	30	n/a	n/a	0.0002381	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-206	110	n/a	11/12/2019	1900	Yes	90	n/a	n/a	30	n/a	n/a	0.0002381	NP Inter (normality) 1 of 2

Interwell Prediction Limit Summary - 200 Series Wells All Results

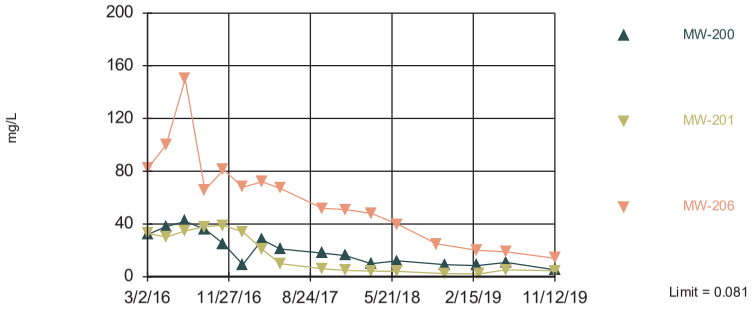
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 4:57 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**11/12/2019**	**5.3**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**11/12/2019**	**4.5**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**11/12/2019**	**14**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.336**	**n/a**	**11/12/2019**	**130**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.336**	**n/a**	**11/12/2019**	**82**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.336**	**n/a**	**11/12/2019**	**240**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.588**	**n/a**	**11/12/2019**	**280**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.588**	**n/a**	**11/12/2019**	**190**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.588**	**n/a**	**11/12/2019**	**490**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	11/12/2019	0.072	No	90	n/a	n/a	97.78	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**11/12/2019**	**0.57**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002381**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	11/12/2019	0.045	No	90	n/a	n/a	97.78	n/a	n/a	0.0002381	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**11/12/2019**	**100**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002443**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**11/12/2019**	**93**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002443**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**11/12/2019**	**260**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002443**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**11/12/2019**	**1000**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002381**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**11/12/2019**	**670**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002381**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**11/12/2019**	**1900**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002381**	**NP Inter (normality) 1 of 2**

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 90 background values. 90% NDs. Annual per-constituent alpha = 0.001428. Individual comparison alpha = 0.0002381 (1 of 2). Comparing 3 points to limit.

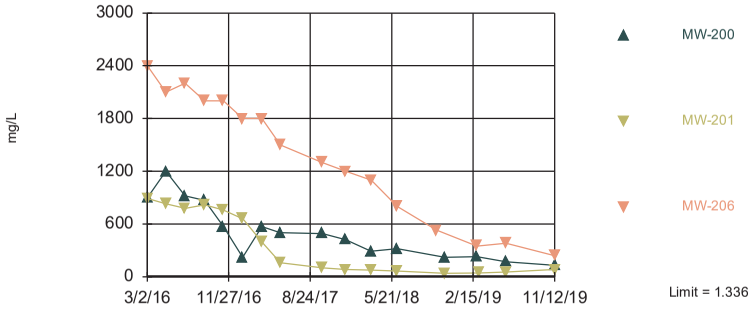
Constituent: Boron Analysis Run 3/7/2020 4:55 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8908, Std. Dev.=0.1251, n=90. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9656, critical = 0.961. Kappa = 1.682 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Calcium Analysis Run 3/7/2020 4:55 PM View: PL's Interwell 200 Series

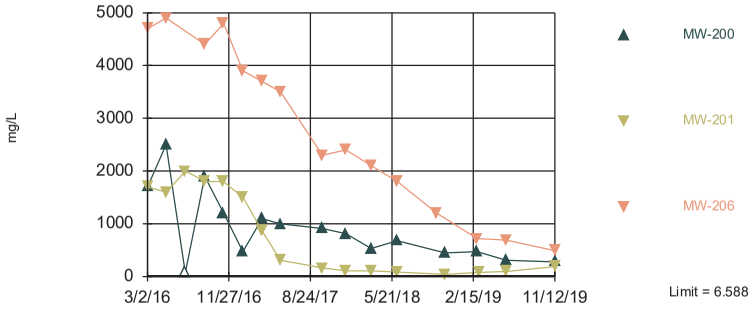
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.177, Std. Dev.=0.8388, n=90. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9674, critical = 0.961. Kappa = 1.682 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Chloride Analysis Run 3/7/2020 4:55 PM View: PL's Interwell 200 Series

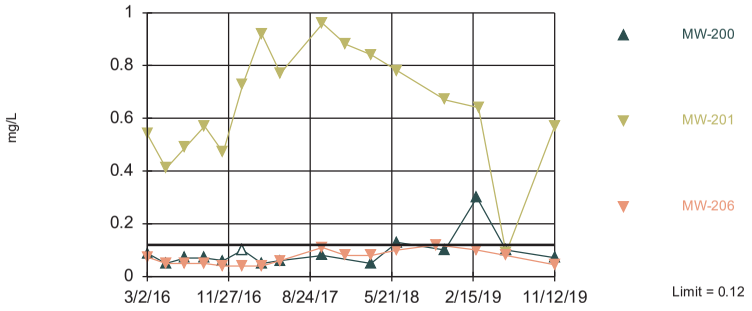
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Exceeds Limit: MW-201

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 90 background values. 97.78% NDs. Annual per-constituent alpha = 0.001428. Individual comparison alpha = 0.0002381 (1 of 2). Comparing 3 points to limit.

Constituent: Fluoride Analysis Run 3/7/2020 4:55 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/7/2020 4:57 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-201	MW-206	MW-200
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/2/2016							33	82	32
5/2/2016	<0.05	<0.05	<0.05			<0.05			
5/3/2016					<0.05			100	38
5/4/2016				<0.05			30		
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05		150	42
7/6/2016							35		
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/8/2016							38	66	36
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
11/8/2016							39		
11/9/2016								81	25
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/11/2017				<0.05					
1/12/2017								68	9.1
1/13/2017							34		
3/13/2017	<0.05	0.022 (J)	<0.05		<0.05	<0.05			
3/14/2017				<0.05					
3/16/2017							21		
3/17/2017								72	28
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
5/16/2017									21
5/17/2017							10	67	
5/18/2017				<0.05					
10/2/2017	<0.05	0.023 (J)	<0.05		<0.05	<0.05			
10/3/2017								52	
10/4/2017							6		18
10/5/2017				<0.05					
12/20/2017							4.9 (R)	51	16 (R)
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018									10
3/14/2018				<0.05			4.4	48	
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			
6/8/2018								40	12
6/9/2018							4.1		
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05		25	
10/18/2018				0.081					
11/13/2018									9.1
11/14/2018							2.3		
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019								20	8.5
3/5/2019							2.1		
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
6/4/2019							5.2	19	11
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)	0.011 (V)	0.0099 (J)			
11/12/2019							4.5	14	5.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/7/2020 4:57 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-201	MW-206	MW-200
2/29/2016	1	1.4	0.67	1 (J)					
3/1/2016					0.6	1.5			
3/2/2016							890	2400	900
5/2/2016	0.78	1.1	0.58			0.83			
5/3/2016					0.55			2100	1200
5/4/2016				0.62			830		
7/5/2016	0.65	0.94	0.43		0.53	1.6		2200	920
7/6/2016							780		
7/8/2016				0.4					
9/6/2016	0.7	1	0.48	0.45	0.5	1.6			
9/8/2016							820	2000	870
11/7/2016	0.8	1.2	0.56		0.68	1.5			
11/8/2016							760		
11/9/2016								2000	570
11/10/2016				0.44					
1/9/2017	0.74	1.2	0.43		0.56	0.98			
1/11/2017				0.42					
1/12/2017								1800	220
1/13/2017							660		
3/13/2017	0.78	1.3	0.48		0.62	0.75			
3/14/2017				0.42					
3/16/2017							400		
3/17/2017								1800	570
5/15/2017	0.76	1	0.37		0.58	0.83			
5/16/2017									500
5/17/2017							160	1500	
5/18/2017				0.38					
10/2/2017	0.78	1.2	0.47		0.62	0.83			
10/3/2017								1300	
10/4/2017							100		490
10/5/2017				0.39					
12/20/2017							82 (R)	1200	420 (R)
3/12/2018	0.88	1.4	0.49		0.59	0.71			
3/13/2018									290
3/14/2018				0.49			75	1100	
6/5/2018	0.9	1.2	0.49						
6/6/2018					0.59	0.68			
6/8/2018								800	320
6/9/2018							64		
6/10/2018				0.39					
10/16/2018	0.86	1.4	0.42						
10/17/2018					0.54	0.66		530	
10/18/2018				0.41					
11/13/2018									220
11/14/2018							38		
2/27/2019	0.96	1.3	0.56	0.44	0.63	0.7			
2/28/2019								350	230
3/5/2019							43		
5/31/2019	0.76	1.1	0.33	0.28	0.45	0.52			
6/4/2019							54	380 (D)	170
11/6/2019	0.88	1.2	0.49	0.46	0.55	0.74			
11/12/2019							82	240	130

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/7/2020 4:57 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-201	MW-200	MW-206
2/29/2016	5.3	7.4	8.1	5.4					
3/1/2016					5.6	4			
3/2/2016							1700	1700	4700
5/2/2016	4.4	6.3	6			3.6			
5/3/2016					5.1			2500	4900
5/4/2016				4.5			1600		
7/5/2016	4.2	4.8	5.2		4.7	3.6		<140 (*)	360 (o)
7/6/2016							2000		
7/8/2016				4.9					
9/6/2016	4.3	6	5.5	4.3	4.4	4			
9/8/2016							1800	1900	4400
11/7/2016	4.2	5.7	5.4		4.6	4.4			
11/8/2016							1800		
11/9/2016								1200	4800
11/10/2016				4.5					
1/9/2017	5.3	6.8	6.1		5.3	4.4			
1/11/2017				5.3					
1/12/2017								470	3900
1/13/2017							1500		
3/13/2017	5.2	6.8	5.5		5.6	4.1			
3/14/2017				5.5					
3/16/2017							870		
3/17/2017								1100	3700
5/15/2017	4.8	6.1	4.7		5.2	3.7			
5/16/2017								1000	
5/17/2017							310		3500
5/18/2017				5					
10/2/2017	5.5	6	6.1		5.5	4.8			
10/3/2017									2300
10/4/2017							160	910	
10/5/2017				5.6					
12/20/2017							110 (R)	810 (R)	2400
3/12/2018	5.3	5.9	6.1		5.6	4			
3/13/2018								530	
3/14/2018				5.2			110		2100
6/5/2018	5.3	6.5	5.5						
6/6/2018					5.6	4.1			
6/8/2018								680	1800
6/9/2018							86		
6/10/2018				5.2					
10/16/2018	5.5	5.9	5.1						
10/17/2018					5.5	3.7			1200
10/18/2018				5.2					
11/13/2018								450	
11/14/2018							41		
2/27/2019	4.6	4.3	5	5.1	5.1	4			
2/28/2019								470	720
3/5/2019							75		
5/31/2019	5.1	4.5	5.4	5	5.4	3.7			
6/4/2019							98	310	690
11/6/2019	5.8	5.7	6.1	6	5.9	4.7			
11/12/2019							190	280	490

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/7/2020 4:57 PM View: PL's Interwell 200 Series

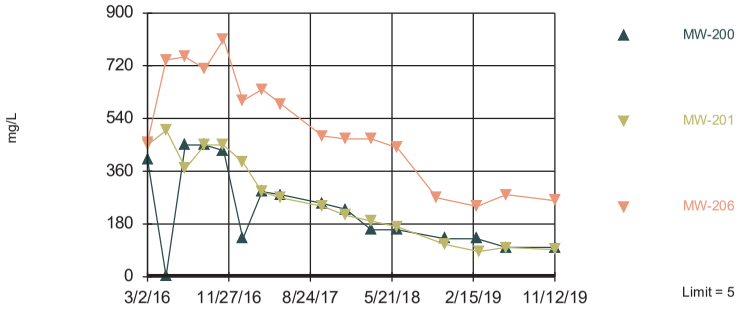
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-201	MW-206	MW-200
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/2/2016							0.54	0.074 (J)	0.088 (J)
5/2/2016	<0.1	<0.1	<0.1			<0.1			
5/3/2016					<0.1			0.05 (J)	0.05 (J)
5/4/2016				<0.1			0.41		
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1		0.05 (J)	0.07 (J)
7/6/2016							0.49		
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/8/2016							0.57	0.05 (J)	0.07 (J)
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
11/8/2016							0.47		
11/9/2016								0.04 (J)	0.06 (J)
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/11/2017				<0.1					
1/12/2017								0.04 (J)	<0.1
1/13/2017							0.73		
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/16/2017							0.92		
3/17/2017								0.04 (J)	0.05 (J)
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
5/16/2017									0.06 (J)
5/17/2017							0.77	0.06 (J)	
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017								0.11	
10/4/2017							0.96		0.08 (J)
10/5/2017				<0.1					
12/20/2017							0.88 (R)	0.08 (I)	
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018									0.05 (J)
3/14/2018				0.12			0.84	0.08 (J)	
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			
6/8/2018								0.1	0.13
6/9/2018							0.78		
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1		0.12	
10/18/2018				<0.1					
11/13/2018									0.1
11/14/2018							0.67		
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019								0.1	0.3
3/5/2019							0.64		
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
6/4/2019							0.09 (J)	0.08 (J)	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/12/2019							0.57	0.045 (J)	0.072 (J)

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 89 background values. 75.28% NDs. Annual per-constituent alpha = 0.001465. Individual comparison alpha = 0.0002443 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 3/7/2020 4:55 PM View: PL's Interwell 200 Series

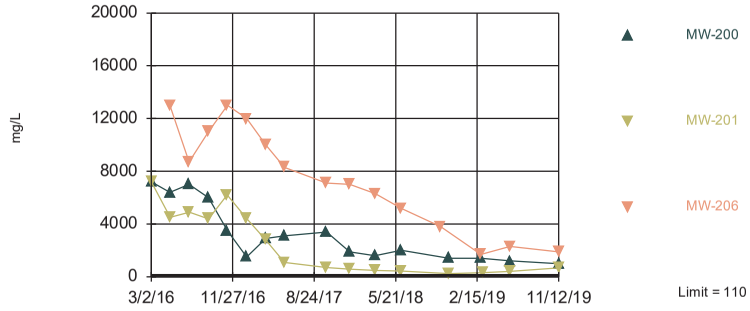
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 90 background values. 30% NDs. Annual per-constituent alpha = 0.001428. Individual comparison alpha = 0.0002381 (1 of 2). Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 3/7/2020 4:55 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/7/2020 4:57 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-306 (bg)	MW-307 (bg)	MW-201	MW-206	MW-200
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					<5	<5			
3/2/2016							450	460	400
5/2/2016	15 (o)	2.1 (J)		<5		<5			
5/3/2016					<5			740	2.2 (J)
5/4/2016			<5				500		
7/5/2016	<5	2 (J)		<5	<5	<5		750	450 (J)
7/6/2016							370		
7/8/2016			<5						
9/6/2016	<5	1.8 (J)	<5	<5	<5	3.7 (J)			
9/8/2016							450	710	450
11/7/2016	<5	1.7 (J)		<5	<5	<5			
11/8/2016							450		
11/9/2016								810	430
11/10/2016			<5						
1/9/2017	<5	1.5 (J)		2.6 (J)	<5	<5			
1/11/2017			<5						
1/12/2017								600	130
1/13/2017							390		
3/13/2017	2.5 (J)	2.2 (J)		<5	<5	<5			
3/14/2017			<5						
3/16/2017							290		
3/17/2017								640	290
5/15/2017	<5	1.9 (J)		<5	<5	<5			
5/16/2017									280
5/17/2017							270	590	
5/18/2017			<5 (X)						
10/2/2017	<5	3.4 (J)		<5	1.5 (J)	1.7 (J)			
10/3/2017								480	
10/4/2017							240		250
10/5/2017			<5						
12/20/2017							210 (R)	470	230 (R)
3/12/2018	<5	2.6 (J)		<5	<5	<5			
3/13/2018									160
3/14/2018			<5				190	470	
6/5/2018	<5	2.6 (J)		<5					
6/6/2018					<5	<5			
6/8/2018								440	160
6/9/2018							170		
6/10/2018			1.5 (J)						
10/16/2018	<5	2.8 (J)		<5					
10/17/2018					<5	<5		270	
10/18/2018			<5						
11/13/2018									130
11/14/2018							110		
2/27/2019	<5	2.4 (J)	1.9 (J)	<5	<5	<5			
2/28/2019								240	130
3/5/2019							86		
5/31/2019	<5	3.3 (J)	<5	<5	<5	<5			
6/4/2019							100	280	100
11/6/2019	<5	3.7 (J)	<5	<5	<5	<5			
11/12/2019							93	260	100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/7/2020 4:57 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-201	MW-200	MW-206
2/29/2016	20	12	<5	20					
3/1/2016					10	<5			
3/2/2016							7200	7200	32000 (o)
5/2/2016	<5	6	<5			36			
5/3/2016					<5			6400	13000
5/4/2016				6			4500		
7/5/2016	12	<5	14		<5	<5		7000	8700
7/6/2016							4900		
7/8/2016				6					
9/6/2016	36	38	30	36	36	44			
9/8/2016							4400	6000	11000 (Q)
11/7/2016	18	<5	8		<5	30			
11/8/2016							6200		
11/9/2016								3500	13000
11/10/2016				16					
1/9/2017	4 (J)	14	<5		<5	12			
1/11/2017				38					
1/12/2017								1500	12000
1/13/2017							4400		
3/13/2017	6	8	<5		22	20			
3/14/2017				<5					
3/16/2017							2800		
3/17/2017								2900	10000
5/15/2017	<5	<5	<5		6	4 (J)			
5/16/2017								3100	
5/17/2017							1100		8300
5/18/2017				10					
10/2/2017	<5	6	<5		16	24			
10/3/2017									7100
10/4/2017							700	3400	
10/5/2017				<5					
12/20/2017							590 (R)	1900 (R)	7000
3/12/2018	18	<5	14		<5	<5			
3/13/2018								1600	
3/14/2018				8			490		6300
6/5/2018	10	14	<5						
6/6/2018					20	16			
6/8/2018								2000	5200
6/9/2018							430		
6/10/2018				8					
10/16/2018	32	6	12						
10/17/2018					44	44			3800
10/18/2018				28					
11/13/2018								1400	
11/14/2018							230		
2/27/2019	110	110	54	68	20	28			
2/28/2019								1400	1700
3/5/2019							300		
5/31/2019	46	26	8	<5	32	18			
6/4/2019							400	1200	2300
11/6/2019	<5	<5	4 (J)	10	24	20			
11/12/2019							670	1000	1900

300 Series

Intrawell Prediction Limit Summary - 300 Series Wells All Results (No Significant)

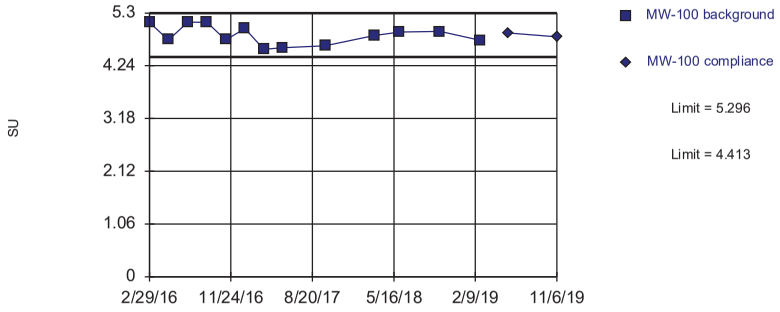
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	11/6/2019	4.82	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	11/6/2019	4.94	No	13	4.955	0.258	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-107	5.461	4.357	11/6/2019	4.88	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	11/6/2019	4.78	No	12	4.773	0.1917	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-306	5.478	4.584	11/6/2019	5.04	No	13	5.031	0.1961	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-307	6.609	4.991	11/6/2019	5.52	No	13	5.8	0.3549	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-300	5.229	4.305	11/11/2019	4.77	No	14	4.767	0.2067	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-303	7.152	5.968	11/11/2019	6.68	No	14	6.56	0.2649	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-304	6.401	4.549	11/11/2019	5.18	No	14	5.475	0.4141	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-305	5.367	4.441	11/11/2019	4.9	No	14	4.904	0.2071	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-308	6.805	5.551	11/11/2019	6.75	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

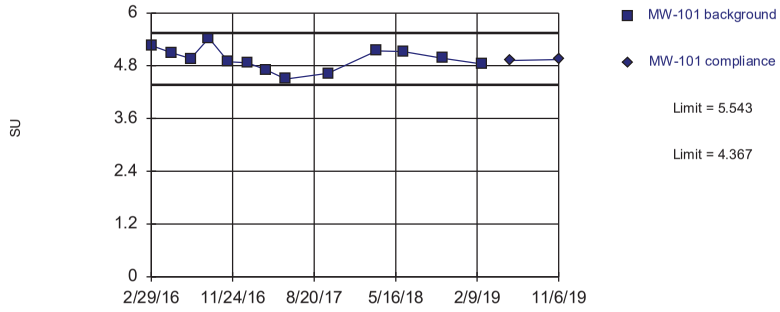
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

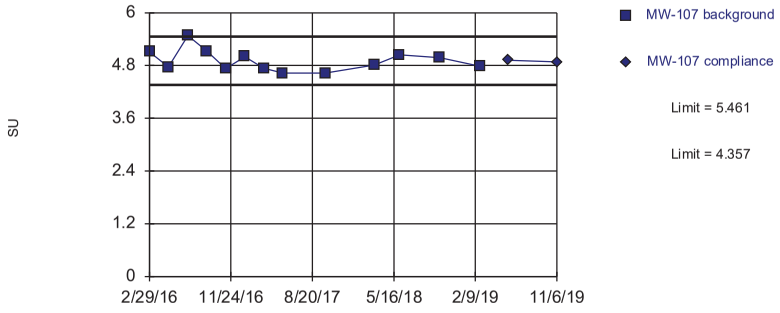
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

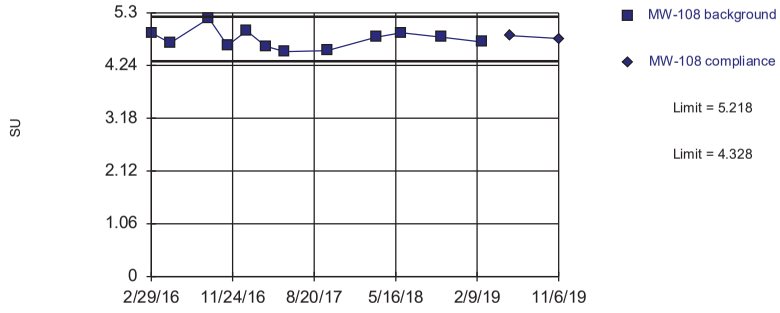
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.322 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100	MW-100
2/29/2016	5.11	
5/2/2016	4.76	
7/5/2016	5.12	
9/6/2016	5.11	
11/7/2016	4.76	
1/9/2017	4.99	
3/13/2017	4.57	
5/15/2017	4.6	
10/2/2017	4.64	
3/12/2018	4.85	
6/5/2018	4.92	
10/16/2018	4.93	
2/27/2019	4.75	
5/31/2019		4.9
11/6/2019		4.82

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-101	MW-101
2/29/2016	5.26	
5/4/2016	5.1	
7/8/2016	4.96	
9/6/2016	5.43	
11/10/2016	4.89	
1/11/2017	4.87	
3/14/2017	4.71	
5/18/2017	4.5	
10/5/2017	4.63	
3/14/2018	5.14	
6/10/2018	5.12	
10/18/2018	4.97	
2/27/2019	4.84	
5/31/2019		4.92
11/6/2019		4.94

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107	MW-107
2/29/2016	5.11	
5/2/2016	4.77	
7/5/2016	5.48	
9/6/2016	5.12	
11/7/2016	4.73	
1/9/2017	5	
3/13/2017	4.74	
5/15/2017	4.63	
10/2/2017	4.63	
3/12/2018	4.81	
6/5/2018	5.04	
10/16/2018	4.98	
2/27/2019	4.78	
5/31/2019		4.92
11/6/2019		4.88

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

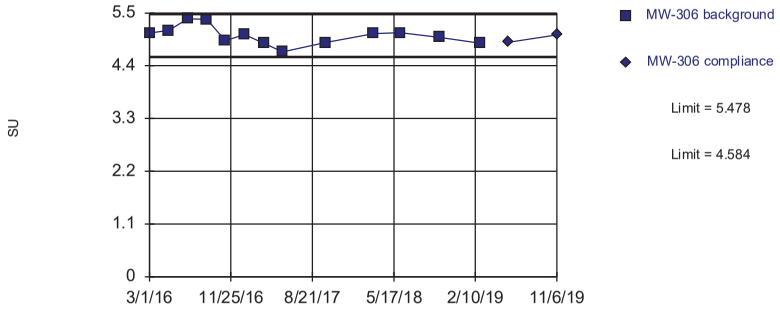
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-108	MW-108
2/29/2016	4.9	
5/2/2016	4.69	
7/5/2016	7.11 (o)	
9/6/2016	5.19	
11/7/2016	4.64	
1/9/2017	4.94	
3/13/2017	4.63	
5/15/2017	4.52	
10/2/2017	4.54	
3/12/2018	4.81	
6/5/2018	4.9	
10/16/2018	4.81	
2/27/2019	4.71	
5/31/2019		4.84
11/6/2019		4.78

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

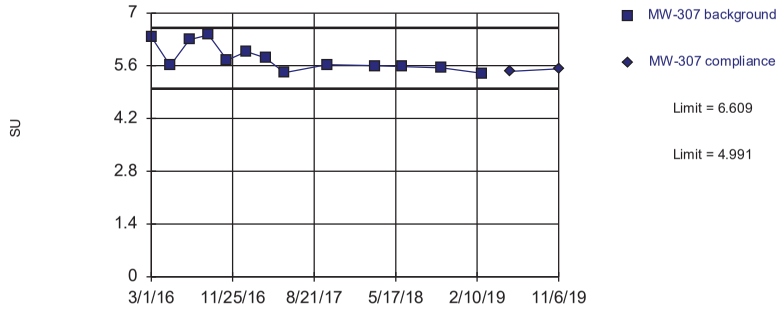
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

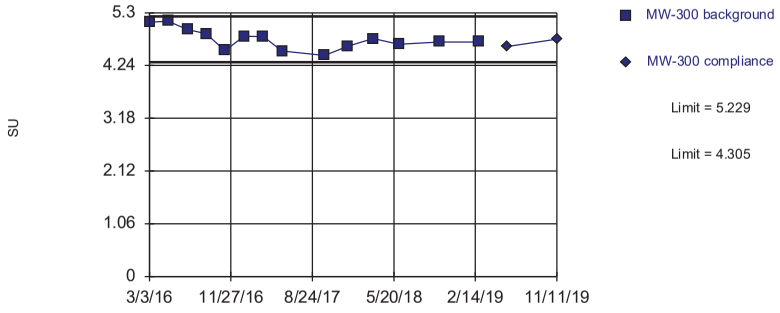
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.767, Std. Dev.=0.2067, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

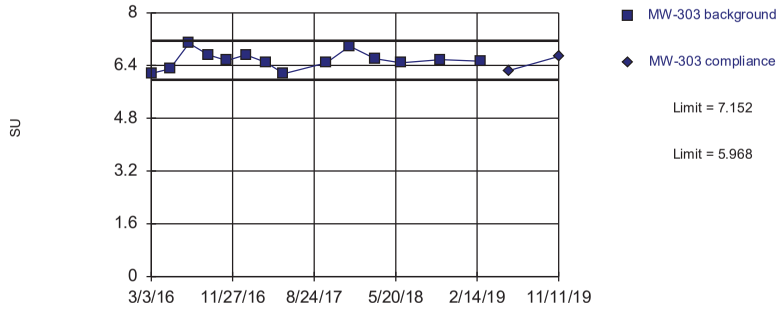
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.56, Std. Dev.=0.2649, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306	MW-306
3/1/2016	5.08	
5/3/2016	5.14	
7/5/2016	5.38	
9/6/2016	5.37	
11/7/2016	4.92	
1/9/2017	5.05	
3/13/2017	4.87	
5/15/2017	4.69	
10/2/2017	4.88	
3/12/2018	5.07	
6/6/2018	5.09	
10/17/2018	4.99	
2/27/2019	4.87	
5/31/2019		4.89
11/6/2019		5.04

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-307	MW-307
3/1/2016	6.37	
5/2/2016	5.605 (D)	
7/5/2016	6.29	
9/6/2016	6.42	
11/7/2016	5.75	
1/9/2017	5.98	
3/13/2017	5.81	
5/15/2017	5.42	
10/2/2017	5.63	
3/12/2018	5.6	
6/6/2018	5.58	
10/17/2018	5.54	
2/27/2019	5.4	
5/31/2019		5.45
11/6/2019		5.52

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-300
3/3/2016	5.11	
5/4/2016	5.13	
7/7/2016	4.96	
9/7/2016	4.88	
11/8/2016	4.54	
1/10/2017	4.83	
3/15/2017	4.82	
5/16/2017	4.53	
10/3/2017	4.44	
12/20/2017	4.63	
3/13/2018	4.78	
6/6/2018	4.67	
10/18/2018	4.71	
2/28/2019	4.71	
5/31/2019		4.62
11/11/2019		4.77

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

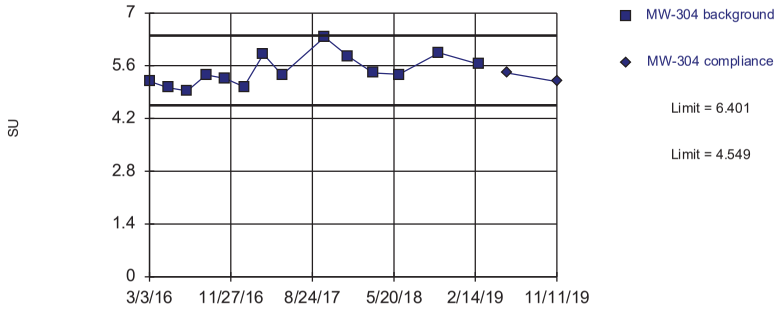
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-303	MW-303
3/3/2016	6.16	
5/4/2016	6.3	
7/6/2016	7.07	
9/8/2016	6.72	
11/8/2016	6.55	
1/10/2017	6.72	
3/16/2017	6.5	
5/15/2017	6.15	
10/3/2017	6.48	
12/20/2017	6.99 (R)	
3/13/2018	6.61	
6/7/2018	6.48	
10/17/2018	6.58	
2/28/2019	6.53	
5/31/2019		6.25
11/11/2019		6.68

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.475, Std. Dev.=0.4141, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

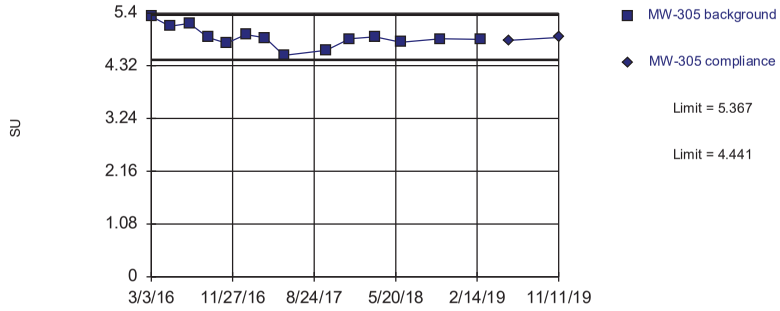
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.904, Std. Dev.=0.2071, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

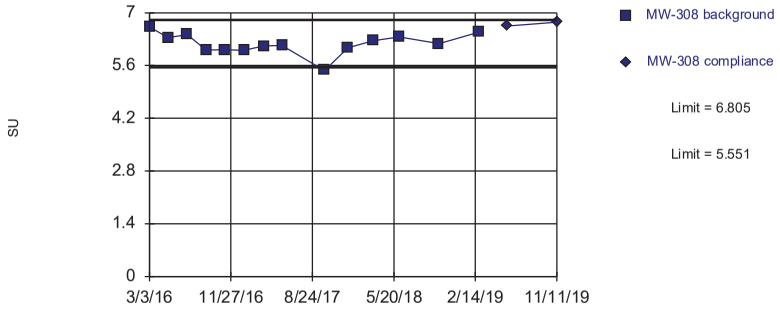
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.178, Std. Dev.=0.2805, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 3/7/2020 5:12 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-304
3/3/2016	5.185 (D)	
5/4/2016	5.02 (D)	
7/6/2016	4.93	
9/7/2016	5.36	
11/8/2016	5.26	
1/10/2017	5.04	
3/15/2017	5.91	
5/16/2017	5.36	
10/3/2017	6.36	
12/20/2017	5.86	
3/13/2018	5.41	
6/7/2018	5.37	
10/17/2018	5.94	
2/28/2019	5.64	
5/31/2019		5.41
11/11/2019		5.18

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-305
3/3/2016	5.33	
5/4/2016	5.13	
7/7/2016	5.19	
9/7/2016	4.9	
11/7/2016	4.78	
1/10/2017	4.96	
3/15/2017	4.89	
5/16/2017	4.53	
10/3/2017	4.64	
12/20/2017	4.87	
3/13/2018	4.91	
6/7/2018	4.8	
10/17/2018	4.87	
2/28/2019	4.86	
5/31/2019		4.84
11/11/2019		4.9

Prediction Limit

Constituent: Field pH (SU) Analysis Run 3/7/2020 5:14 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-308
3/3/2016	6.62 (D)	
5/4/2016	6.345 (D)	
7/6/2016	6.42	
9/7/2016	6.01	
11/8/2016	6.02	
1/10/2017	6	
3/16/2017	6.12	
5/16/2017	6.13	
10/3/2017	5.47	
12/20/2017	6.07 (R)	
3/13/2018	6.26	
6/7/2018	6.36	
10/17/2018	6.18	
2/27/2019	6.49	
5/31/2019		6.65
11/11/2019		6.75

Interwell Prediction Limit Summary - 300 Series Wells Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-303	0.081	n/a	11/11/2019	9.7	Yes	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	11/11/2019	10	Yes	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	11/11/2019	16	Yes	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.394	n/a	11/11/2019	73	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.394	n/a	11/11/2019	82	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-305	1.394	n/a	11/11/2019	1.6	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.394	n/a	11/11/2019	63	Yes	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	6.693	n/a	11/11/2019	8.4	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	6.693	n/a	11/11/2019	63	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	6.693	n/a	11/11/2019	81	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	6.693	n/a	11/11/2019	12	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	6.693	n/a	11/11/2019	62	Yes	90	5.177	0.8388	0	None	No	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	11/11/2019	0.26	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	11/11/2019	0.16	Yes	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5	n/a	11/11/2019	230	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5	n/a	11/11/2019	340	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5	n/a	11/11/2019	5.5	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5	n/a	11/11/2019	170	Yes	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	11/11/2019	390	Yes	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	11/11/2019	370	Yes	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	11/11/2019	410	Yes	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2

Interwell Prediction Limit Summary - 300 Series Wells All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:11 PM

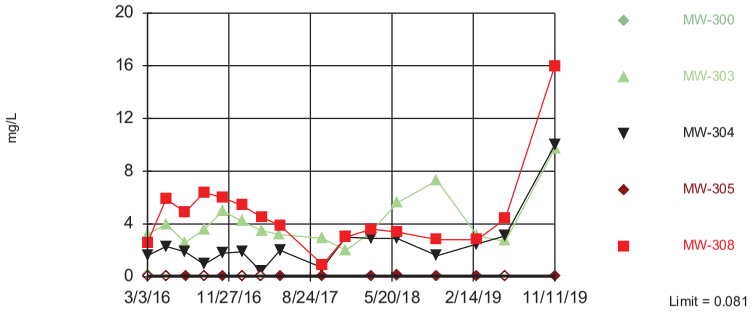
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	11/11/2019	0.035	No	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**11/11/2019**	**9.7**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**11/11/2019**	**10**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	11/11/2019	0.036	No	90	n/a	n/a	90	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**11/11/2019**	**16**	**Yes**	**90**	**n/a**	**n/a**	**90**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.394	n/a	11/11/2019	0.56	No	90	0.8908	0.1251	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.394**	**n/a**	**11/11/2019**	**73**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.394**	**n/a**	**11/11/2019**	**82**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-305**	**1.394**	**n/a**	**11/11/2019**	**1.6**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.394**	**n/a**	**11/11/2019**	**63**	**Yes**	**90**	**0.8908**	**0.1251**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.693**	**n/a**	**11/11/2019**	**8.4**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.693**	**n/a**	**11/11/2019**	**63**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.693**	**n/a**	**11/11/2019**	**81**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.693**	**n/a**	**11/11/2019**	**12**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.693**	**n/a**	**11/11/2019**	**62**	**Yes**	**90**	**5.177**	**0.8388**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	11/11/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**11/11/2019**	**0.26**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	11/11/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	11/11/2019	0.1ND	No	90	n/a	n/a	97.78	n/a	n/a	0.0002377	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**11/11/2019**	**0.16**	**Yes**	**90**	**n/a**	**n/a**	**97.78**	**n/a**	**n/a**	**0.0002377**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	5	n/a	11/11/2019	5ND	No	89	n/a	n/a	75.28	n/a	n/a	0.0002438	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**11/11/2019**	**230**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**11/11/2019**	**340**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-305**	**5**	**n/a**	**11/11/2019**	**5.5**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**11/11/2019**	**170**	**Yes**	**89**	**n/a**	**n/a**	**75.28**	**n/a**	**n/a**	**0.0002438**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	11/11/2019	66	No	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**11/11/2019**	**390**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002377**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**11/11/2019**	**370**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002377**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	11/11/2019	38	No	90	n/a	n/a	30	n/a	n/a	0.0002377	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**11/11/2019**	**410**	**Yes**	**90**	**n/a**	**n/a**	**30**	**n/a**	**n/a**	**0.0002377**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 90 background values. 90% NDs. Annual per-constituent alpha = 0.002374. Individual comparison alpha = 0.0002377 (1 of 2). Comparing 5 points to limit.

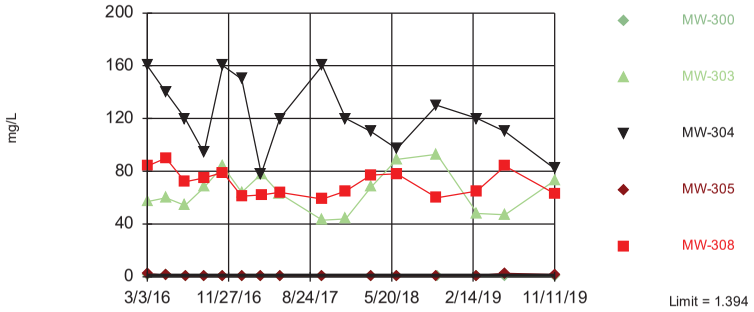
Constituent: Boron Analysis Run 3/7/2020 5:09 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8908, Std. Dev.=0.1251, n=90. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9656, critical = 0.961. Kappa = 1.808 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

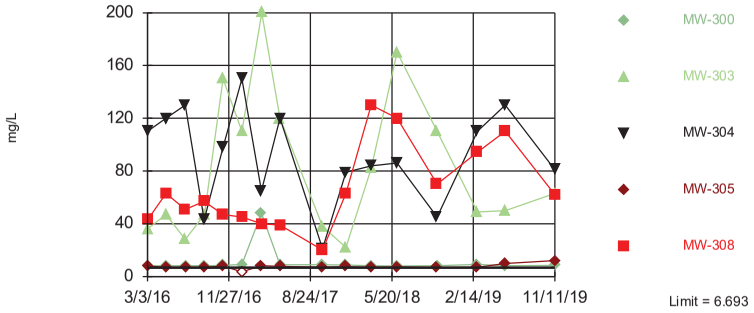
Constituent: Calcium Analysis Run 3/7/2020 5:09 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-300, MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.177, Std. Dev.=0.8388, n=90. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9674, critical = 0.961. Kappa = 1.808 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

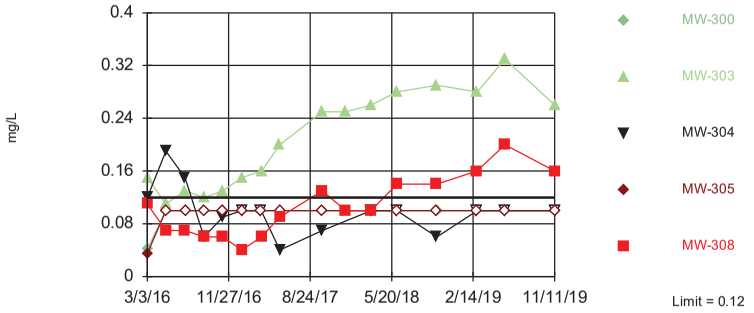
Constituent: Chloride Analysis Run 3/7/2020 5:09 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 90 background values. 97.78% NDs. Annual per-constituent alpha = 0.002374. Individual comparison alpha = 0.0002377 (1 of 2). Comparing 5 points to limit.

Constituent: Fluoride Analysis Run 3/7/2020 5:09 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/3/2016							3.2	1.6	<0.05
5/2/2016	<0.05	<0.05	<0.05		<0.05				
5/3/2016						<0.05			
5/4/2016				<0.05			4	2.3	<0.05 (*)
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
7/6/2016							2.6	1.9	
7/7/2016									0.034 (J)
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/7/2016								0.95	<0.05
9/8/2016							3.6		
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05			0.045 (J)
11/8/2016							5	1.8	
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/10/2017							4.2	1.9	<0.05 (*)
1/11/2017				<0.05					
3/13/2017	<0.05	0.022 (J)	<0.05		<0.05	<0.05			
3/14/2017				<0.05					
3/15/2017								0.38	<0.05
3/16/2017							3.5		
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05	3.2		
5/16/2017								2	0.043 (J)
5/18/2017				<0.05					
10/2/2017	<0.05	0.023 (J)	<0.05		<0.05	<0.05			
10/3/2017							2.9	0.67	0.026 (J)
10/5/2017				<0.05					
12/20/2017							2	3	
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018							3.4	2.9	0.07
3/14/2018				<0.05					
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			
6/7/2018							5.6	2.9	0.1
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05	7.3	1.6	0.074
10/18/2018				0.081					
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							3.1	2.5	0.027 (J)
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2.7	3.1	<0.05
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)	0.0099 (J)	0.011 (V)			
11/11/2019							9.7	10	0.036 (V)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	2.6	0.11 (J)
5/2/2016		
5/3/2016		
5/4/2016	5.9	<0.05
7/5/2016		
7/6/2016	4.9	
7/7/2016		<0.05
7/8/2016		
9/6/2016		
9/7/2016	6.4	0.028 (J)
9/8/2016		
11/7/2016		
11/8/2016	6	0.025 (J)
11/10/2016		
1/9/2017		
1/10/2017	5.4	<0.05 (*)
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.05
3/16/2017	4.5	
5/15/2017		
5/16/2017	3.9	<0.05
5/18/2017		
10/2/2017		
10/3/2017	0.93	0.03 (J)
10/5/2017		
12/20/2017	3	
3/12/2018		
3/13/2018	3.6	<0.05
3/14/2018		
6/5/2018		
6/6/2018		0.024 (J)
6/7/2018	3.4	
6/10/2018		
10/16/2018		
10/17/2018	2.8	
10/18/2018		0.022 (J)
2/27/2019	2.8	
2/28/2019		<0.05
5/31/2019	4.4	<0.05
11/6/2019		
11/11/2019	16	0.035 (V)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	1	1.4	0.67	1 (J)					
3/1/2016					1.5	0.6			
3/3/2016							57	160	2.5
5/2/2016	0.78	1.1	0.58		0.83				
5/3/2016						0.55			
5/4/2016				0.62			60	140	1.1
7/5/2016	0.65	0.94	0.43		1.6	0.53			
7/6/2016							54	120	
7/7/2016									0.71
7/8/2016				0.4					
9/6/2016	0.7	1	0.48	0.45	1.6	0.5			
9/7/2016								94	0.78
9/8/2016							68		
11/7/2016	0.8	1.2	0.56		1.5	0.68			0.82
11/8/2016							84	160	
11/10/2016				0.44					
1/9/2017	0.74	1.2	0.43		0.98	0.56			
1/10/2017							64	150	0.58
1/11/2017				0.42					
3/13/2017	0.78	1.3	0.48		0.75	0.62			
3/14/2017				0.42					
3/15/2017								78	0.69
3/16/2017							78		
5/15/2017	0.76	1	0.37		0.83	0.58	63		
5/16/2017								120	0.66
5/18/2017				0.38					
10/2/2017	0.78	1.2	0.47		0.83	0.62			
10/3/2017							43	160	0.68
10/5/2017				0.39					
12/20/2017							44	120	
3/12/2018	0.88	1.4	0.49		0.71	0.59			
3/13/2018							68	110	0.65
3/14/2018				0.49					
6/5/2018	0.9	1.2	0.49						
6/6/2018					0.68	0.59			
6/7/2018							89	97	0.6
6/10/2018				0.39					
10/16/2018	0.86	1.4	0.42						
10/17/2018					0.66	0.54	93	130	0.73
10/18/2018				0.41					
2/27/2019	0.96	1.3	0.56	0.44	0.7	0.63			
2/28/2019							48	120	0.84
5/31/2019	0.76	1.1	0.33	0.28	0.52	0.45	47	110	2.6
11/6/2019	0.88	1.2	0.49	0.46	0.74	0.55			
11/11/2019							73	82	1.6 (V)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	84	1 (J)
5/2/2016		
5/3/2016		
5/4/2016	90	1
7/5/2016		
7/6/2016	72	
7/7/2016		0.62
7/8/2016		
9/6/2016		
9/7/2016	75	0.6
9/8/2016		
11/7/2016		
11/8/2016	79	0.53
11/10/2016		
1/9/2017		
1/10/2017	61	0.51
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		0.53
3/16/2017	62	
5/15/2017		
5/16/2017	64	0.48
5/18/2017		
10/2/2017		
10/3/2017	59	0.46
10/5/2017		
12/20/2017	65	
3/12/2018		
3/13/2018	77	0.46
3/14/2018		
6/5/2018		
6/6/2018		0.45
6/7/2018	78	
6/10/2018		
10/16/2018		
10/17/2018	60	
10/18/2018		0.48
2/27/2019	65	
2/28/2019		0.44
5/31/2019	84	0.55
11/6/2019		
11/11/2019	63	0.56 (V)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-300	MW-304	MW-305
2/29/2016	5.3	7.4	8.1	5.4					
3/1/2016					4	5.6			
3/3/2016							8.2	110	7.9
5/2/2016	4.4	6.3	6		3.6				
5/3/2016						5.1			
5/4/2016				4.5			8.2	120	7
7/5/2016	4.2	4.8	5.2		3.6	4.7			
7/6/2016								130	
7/7/2016							8.3		7.1
7/8/2016				4.9					
9/6/2016	4.3	6	5.5	4.3	4	4.4			
9/7/2016							8.1	43	6.9
9/8/2016									
11/7/2016	4.2	5.7	5.4		4.4	4.6			8
11/8/2016							8.5	98	
11/10/2016				4.5					
1/9/2017	5.3	6.8	6.1		4.4	5.3			
1/10/2017							9.1	150	<7.4 (*)
1/11/2017				5.3					
3/13/2017	5.2	6.8	5.5		4.1	5.6			
3/14/2017				5.5					
3/15/2017							48	65	8.1
3/16/2017									
5/15/2017	4.8	6.1	4.7		3.7	5.2			
5/16/2017							8.9	120	7.8
5/18/2017				5					
10/2/2017	5.5	6	6.1		4.8	5.5			
10/3/2017							8.9	21	7.1
10/5/2017				5.6					
12/20/2017							8.8	79	7.6
3/12/2018	5.3	5.9	6.1		4	5.6			
3/13/2018							8.3	84	6.9
3/14/2018				5.2					
6/5/2018	5.3	6.5	5.5						
6/6/2018					4.1	5.6	8		
6/7/2018								86	7.3
6/10/2018				5.2					
10/16/2018	5.5	5.9	5.1						
10/17/2018					3.7	5.5		45	6.8
10/18/2018				5.2			8.1		
2/27/2019	4.6	4.3	5	5.1	4	5.1			
2/28/2019							9.1	110	7.1
5/31/2019	5.1	4.5	5.4	5	3.7	5.4	8.2	130	9.8
11/6/2019	5.8	5.7	6.1	6	4.7	5.9			
11/11/2019							8.4	81	12

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-303
2/29/2016		
3/1/2016		
3/3/2016	43	36
5/2/2016		
5/3/2016		
5/4/2016	63	47
7/5/2016		
7/6/2016	51	28
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	57	
9/8/2016		47
11/7/2016		
11/8/2016	47	150
11/10/2016		
1/9/2017		
1/10/2017	45	110
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		
3/16/2017	40	200
5/15/2017		120
5/16/2017	39	
5/18/2017		
10/2/2017		
10/3/2017	20	38
10/5/2017		
12/20/2017	63	22
3/12/2018		
3/13/2018	130	82
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	120	170
6/10/2018		
10/16/2018		
10/17/2018	70	110
10/18/2018		
2/27/2019	94	
2/28/2019		49
5/31/2019	110	50
11/6/2019		
11/11/2019	62	63

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					0.033 (J)	<0.1			
3/3/2016							0.15	0.12	0.035 (J)
5/2/2016	<0.1	<0.1	<0.1		<0.1				
5/3/2016						<0.1			
5/4/2016				<0.1			0.11	0.19	<0.1
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
7/6/2016							0.13	0.15	
7/7/2016									<0.1
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/7/2016								0.06 (J)	<0.1
9/8/2016							0.12		
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1			<0.1
11/8/2016							0.13	0.09 (J)	
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/10/2017							0.15	<0.1	<0.1
1/11/2017				<0.1					
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/15/2017								<0.1	<0.1
3/16/2017							0.16		
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1	0.2		
5/16/2017								0.04 (J)	<0.1
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017							0.25	0.07 (J)	<0.1
10/5/2017				<0.1					
12/20/2017							0.25		
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							0.26	<0.1	<0.1
3/14/2018				0.12					
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			
6/7/2018							0.28	<0.1	<0.1
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1	0.29	0.06 (J)	<0.1
10/18/2018				<0.1					
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.28	<0.1	<0.1
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.33	<0.1	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/11/2019							0.26	<0.1	<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

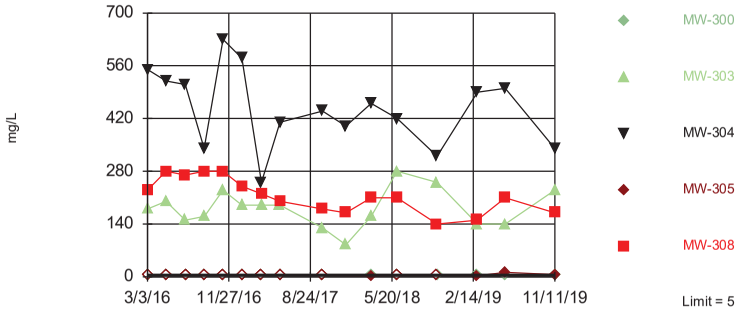
	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	0.11	0.041 (J)
5/2/2016		
5/3/2016		
5/4/2016	0.07 (J)	<0.1
7/5/2016		
7/6/2016	0.07 (J)	
7/7/2016		<0.1
7/8/2016		
9/6/2016		
9/7/2016	0.06 (J)	<0.1
9/8/2016		
11/7/2016		
11/8/2016	0.06 (J)	<0.1
11/10/2016		
1/9/2017		
1/10/2017	0.04 (J)	<0.1
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.1
3/16/2017	0.06 (J)	
5/15/2017		
5/16/2017	0.09 (J)	<0.1
5/18/2017		
10/2/2017		
10/3/2017	0.13	<0.1
10/5/2017		
12/20/2017	0.1	
3/12/2018		
3/13/2018	0.1	<0.1
3/14/2018		
6/5/2018		
6/6/2018		<0.1
6/7/2018	0.14	
6/10/2018		
10/16/2018		
10/17/2018	0.14	
10/18/2018		<0.1
2/27/2019	0.16	
2/28/2019		<0.1
5/31/2019	0.2	<0.1
11/6/2019		
11/11/2019	0.16	<0.1

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 89 background values. 75.28% NDs. Annual per-constituent alpha = 0.002435. Individual comparison alpha = 0.0002438 (1 of 2). Comparing 5 points to limit.

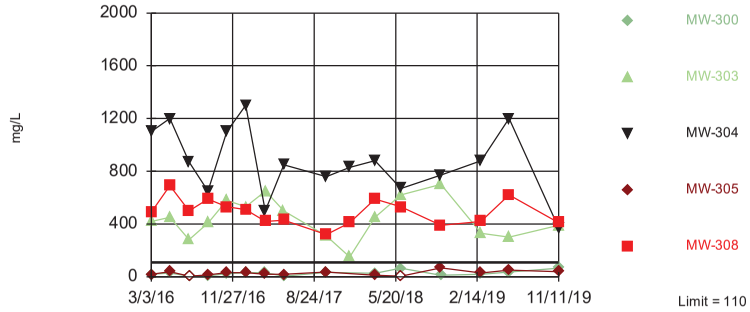
Constituent: Sulfate Analysis Run 3/7/2020 5:09 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 90 background values. 30% NDs. Annual per-constituent alpha = 0.002374. Individual comparison alpha = 0.0002377 (1 of 2). Comparing 5 points to limit.

Constituent: Total Dissolved Solids Analysis Run 3/7/2020 5:09 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-300	MW-304	MW-305
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					<5	<5			
3/3/2016							<5	550	<5
5/2/2016	15 (o)	2.1 (J)	<5		<5				
5/3/2016						<5			
5/4/2016				<5			<5	520	<5
7/5/2016	<5	2 (J)	<5		<5	<5			
7/6/2016								510	
7/7/2016							<5		<5
7/8/2016				<5					
9/6/2016	<5	1.8 (J)	<5	<5	3.7 (J)	<5			
9/7/2016							<5	340	<5
9/8/2016									
11/7/2016	<5	1.7 (J)	<5		<5	<5			<5
11/8/2016							<5	630	
11/10/2016				<5					
1/9/2017	<5	1.5 (J)	2.6 (J)		<5	<5			
1/10/2017							<5	580	<5
1/11/2017				<5					
3/13/2017	2.5 (J)	2.2 (J)	<5		<5	<5			
3/14/2017				<5					
3/15/2017							<5 (*)	250	<5 (*)
3/16/2017									
5/15/2017	<5	1.9 (J)	<5		<5	<5			
5/16/2017							<5	410	<5
5/18/2017				<5 (X)					
10/2/2017	<5	3.4 (J)	<5		1.7 (J)	1.5 (J)			
10/3/2017							<5	440	<5
10/5/2017				<5					
12/20/2017								400	
3/12/2018	<5	2.6 (J)	<5		<5	<5			
3/13/2018							<5	460	1.5 (J)
3/14/2018				<5					
6/5/2018	<5	2.6 (J)	<5						
6/6/2018					<5	<5	<5		
6/7/2018								420	<5
6/10/2018				1.5 (J)					
10/16/2018	<5	2.8 (J)	<5						
10/17/2018					<5	<5		320	<5
10/18/2018				<5			<5		
2/27/2019	<5	2.4 (J)	<5	1.9 (J)	<5	<5			
2/28/2019							<5	490	2.6 (J)
5/31/2019	<5	3.3 (J)	<5	<5	<5	<5	<5	500	12
11/6/2019	<5	3.7 (J)	<5	<5	<5	<5			
11/11/2019							<5	340	5.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-303
2/29/2016		
3/1/2016		
3/3/2016	230	180
5/2/2016		
5/3/2016		
5/4/2016	280	200
7/5/2016		
7/6/2016	270	150
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	280	
9/8/2016		160
11/7/2016		
11/8/2016	280	230
11/10/2016		
1/9/2017		
1/10/2017	240	190
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		
3/16/2017	220	190
5/15/2017		190
5/16/2017	200	
5/18/2017		
10/2/2017		
10/3/2017	180	130
10/5/2017		
12/20/2017	170	85
3/12/2018		
3/13/2018	210	160
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	210	280
6/10/2018		
10/16/2018		
10/17/2018	140	250
10/18/2018		
2/27/2019	150	
2/28/2019		140
5/31/2019	210	140
11/6/2019		
11/11/2019	170	230

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	20	12	<5	20					
3/1/2016					<5	10			
3/3/2016							420	1100	18
5/2/2016	<5	6	<5		36				
5/3/2016						<5			
5/4/2016				6			450	1200	38
7/5/2016	12	<5	14		<5	<5			
7/6/2016							280	870	
7/7/2016									<5
7/8/2016				6					
9/6/2016	36	38	30	36	44	36			
9/7/2016								650	14
9/8/2016							410		
11/7/2016	18	<5	8		30	<5			32
11/8/2016							580	1100	
11/10/2016				16					
1/9/2017	4 (J)	14	<5		12	<5			
1/10/2017							530	1300	32
1/11/2017				38					
3/13/2017	6	8	<5		20	22			
3/14/2017				<5					
3/15/2017								500	20
3/16/2017							650		
5/15/2017	<5	<5	<5		4 (J)	6	500		
5/16/2017								850	18
5/18/2017				10					
10/2/2017	<5	6	<5		24	16			
10/3/2017							310	760	36
10/5/2017				<5					
12/20/2017							150	830	
3/12/2018	18	<5	14		<5	<5			
3/13/2018							450	880	12
3/14/2018				8					
6/5/2018	10	14	<5						
6/6/2018					16	20			
6/7/2018							620	670	<5
6/10/2018				8					
10/16/2018	32	6	12						
10/17/2018					44	44	700	770	68
10/18/2018				28					
2/27/2019	110	110	54	68	28	20			
2/28/2019							330	880	28
5/31/2019	46	26	8	<5	18	32	300	1200	50
11/6/2019	<5	<5	4 (J)	10	20	24			
11/11/2019							390	370	38

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/7/2020 5:11 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	490	18
5/2/2016		
5/3/2016		
5/4/2016	690	28
7/5/2016		
7/6/2016	500	
7/7/2016		<5
7/8/2016		
9/6/2016		
9/7/2016	590	8
9/8/2016		
11/7/2016		
11/8/2016	530	24
11/10/2016		
1/9/2017		
1/10/2017	510	30
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		32
3/16/2017	420	
5/15/2017		
5/16/2017	430	<5
5/18/2017		
10/2/2017		
10/3/2017	320	34
10/5/2017		
12/20/2017	410	
3/12/2018		
3/13/2018	590	26
3/14/2018		
6/5/2018		
6/6/2018		64
6/7/2018	530	
6/10/2018		
10/16/2018		
10/17/2018	390	
10/18/2018		12
2/27/2019	420	
2/28/2019		20
5/31/2019	620	36
11/6/2019		
11/11/2019	410	66

Confidence Intervals - 100, 200 & 300 Series

100 Series

Confidence Interval Summary Table - 100 Series Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02205**	**0.01409**	**0.006**	**Yes**	**14**	**0.01807**	**0.005622**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.92**	**12.57**	**5**	**Yes**	**14**	**15.75**	**4.489**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.556**	**5.706**	**5**	**Yes**	**14**	**6.631**	**1.306**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006106**	**0.003329**	**0.002**	**Yes**	**14**	**0.004717**	**0.00196**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-102	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-103	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-104	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-105	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-106	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-109	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-110	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Arsenic (mg/L)	MW-102	0.0005	0.00025	0.01	No	14	0.0002679	0.00006682	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	14	0.0002643	0.00007251	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.008137	0.003097	0.01	No	14	0.005617	0.003557	7.143	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.004225	0.003575	0.01	No	14	0.0039	0.0004591	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-106	0.00025	0.00025	0.01	No	14	0.00025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-109	0.00025	0.00025	0.01	No	14	0.00025	3.2e-12	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	14	0.0003464	0.0001458	57.14	None	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.01094	0.008893	2	No	14	0.009914	0.001442	0	None	No	0.01	Param.
Barium (mg/L)	MW-103	0.06295	0.0459	2	No	14	0.05314	0.01505	0	None	x^2	0.01	Param.
Barium (mg/L)	MW-104	0.02616	0.01969	2	No	14	0.02293	0.004565	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04929	0.03757	2	No	14	0.04343	0.008271	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.015	0.0095	2	No	14	0.01094	0.002142	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02053	0.01776	2	No	14	0.01914	0.001956	0	None	No	0.01	Param.
Barium (mg/L)	MW-110	0.04837	0.03691	2	No	14	0.04264	0.008092	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-103	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001249	0.0008169	0.004	No	14	0.001033	0.0003049	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-105	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-106	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-109	0.0005	0.0005	0.004	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0005	0.000084	0.004	No	14	0.0004703	0.0001112	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-102	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-103	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00052	0.00044	0.005	No	14	0.0005121	0.00008276	50	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-105	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-106	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-109	0.0005	0.000078	0.005	No	14	0.0004699	0.0001128	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0005	0.00032	0.005	No	14	0.0004871	0.00004811	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	14	0.000655	0.0006183	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	14	0.0008629	0.00126	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.0023	0.0005	0.1	No	14	0.00165	0.0007198	21.43	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-105	0.002573	0.001919	0.1	No	14	0.0022	0.0005805	7.143	None	x^2	0.01	Param.
Chromium (mg/L)	MW-106	0.0005	0.0005	0.1	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0005	0.0005	0.1	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0005	0.00042	0.1	No	14	0.0004943	0.00002138	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00016	0.006	No	14	0.002333	0.0006254	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00044	0.006	No	14	0.001796	0.0009961	64.29	None	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02205**	**0.01409**	**0.006**	**Yes**	**14**	**0.01807**	**0.005622**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	14	0.002384	0.0004356	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.00044	0.006	No	14	0.0009829	0.0008365	21.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.00582	0.003345	0.006	No	14	0.004582	0.001747	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-110	0.019	0.0043	0.006	No	14	0.009379	0.006957	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-102	1.932	1.24	5	No	14	1.609	0.5386	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	7.205	4.797	5	No	14	6.001	1.7	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.92**	**12.57**	**5**	**Yes**	**14**	**15.75**	**4.489**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.671	2.82	5	No	14	3.746	1.307	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.284	0.6942	5	No	14	1.017	0.486	7.143	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.345	1.459	5	No	14	1.902	0.6256	0	None	No	0.01	Param.

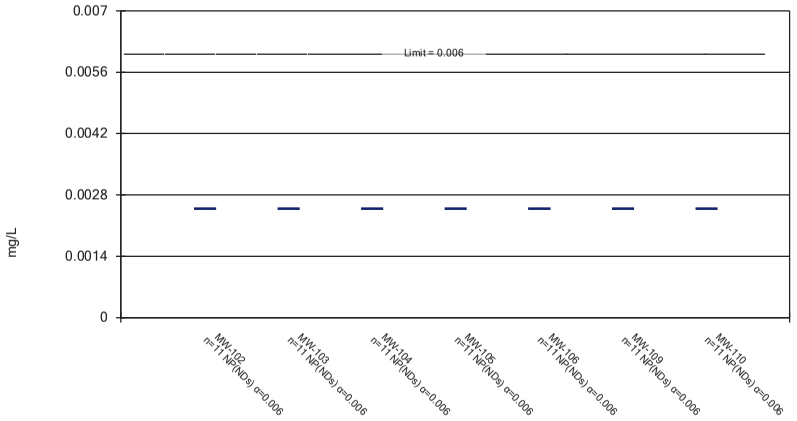
Confidence Interval Summary Table - 100 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/7/2020, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.556**	**5.706**	**5**	**Yes**	**14**	**6.631**	**1.306**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-102	0.1	0.1	4	No	15	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-103	0.1	0.037	4	No	15	0.0958	0.01627	93.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3648	0.2377	4	No	16	0.3013	0.09763	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	15	0.08807	0.02471	80	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-106	0.1	0.1	4	No	15	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.1	4	No	15	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	15	0.07993	0.02938	66.67	None	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.00025	0.00014	0.015	No	14	0.0002421	0.0000294	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00025	0.00011	0.015	No	14	0.00024	0.00003742	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002436	0.001778	0.015	No	14	0.002107	0.0004649	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	14	0.0002879	0.0001824	85.71	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00025	0.015	No	14	0.00026	0.00003742	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.000094	0.015	No	14	0.0002689	0.0001227	85.71	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00025	0.015	No	14	0.0002621	0.00003378	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-102	0.0012	0.0009	0.04	No	14	0.001036	0.0001216	78.57	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.002	0.00097	0.04	No	14	0.001469	0.0008208	50	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03833	0.02167	0.04	No	14	0.03	0.01175	0	None	No	0.01	Param.
Lithium (mg/L)	MW-105	0.001	0.001	0.04	No	14	0.001	0	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0035	0.00068	0.04	No	14	0.001634	0.001765	64.29	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006571	0.004929	0.04	No	14	0.005786	0.001272	0	None	x^(1/3)	0.01	Param.
Lithium (mg/L)	MW-110	0.01074	0.007202	0.04	No	14	0.008971	0.002498	0	None	No	0.01	Param.
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	14	0.0001849	0.00003849	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.0002	0.00012	0.002	No	14	0.0001943	0.00002138	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001496	0.0007186	0.002	No	14	0.001107	0.0005485	0	None	No	0.01	Param.
Mercury (mg/L)	MW-105	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	14	0.0001914	0.00003207	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	14	0.0002641	0.0002708	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	**MW-110**	**0.006106**	**0.003329**	**0.002**	**Yes**	**14**	**0.004717**	**0.00196**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-104	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.005323	0.003366	0.1	No	14	0.004414	0.001614	0	None	x^(1/3)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-110	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.00028	0.00025	0.05	No	14	0.0003086	0.0001994	78.57	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.003073	0.001834	0.05	No	14	0.002454	0.0008741	7.143	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01327	0.004873	0.05	No	14	0.009071	0.005927	0	None	No	0.01	Param.
Selenium (mg/L)	MW-105	0.00041	0.00025	0.05	No	14	0.0003129	0.0001055	57.14	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-106	0.00025	0.00025	0.05	No	14	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.00025	0.00024	0.05	No	14	0.0002493	0.000002673	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003591	0.003153	0.05	No	14	0.003364	0.0003249	0	None	x^2	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.0001	0.002	No	14	0.0001079	0.0000294	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0001	0.000026	0.002	No	14	0.00009471	0.00001978	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003393	0.0002207	0.002	No	14	0.00028	0.00008367	0	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00024	0.0001	0.002	No	14	0.00011	0.00003742	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-106	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002848	0.0002252	0.002	No	14	0.000255	0.00004202	0	None	No	0.01	Param.

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

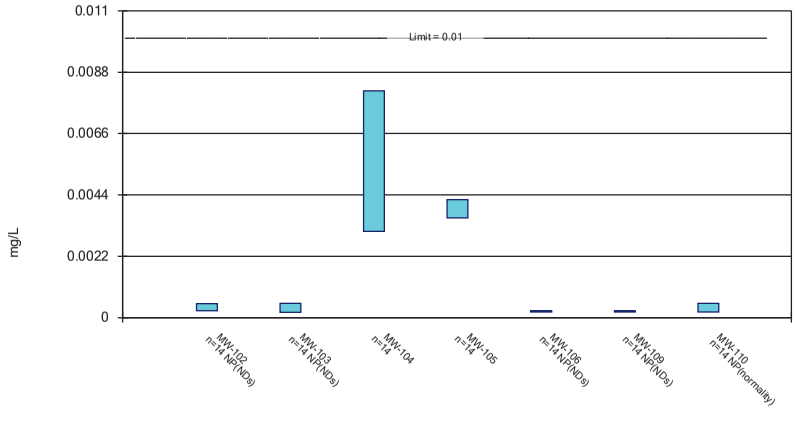


Constituent: Antimony Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

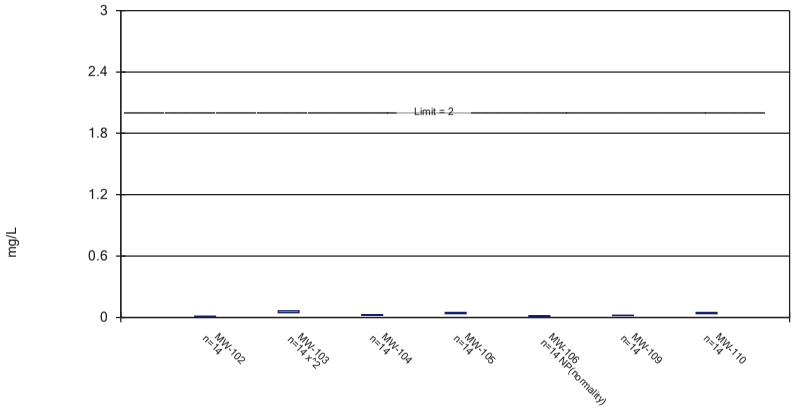


Constituent: Arsenic Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

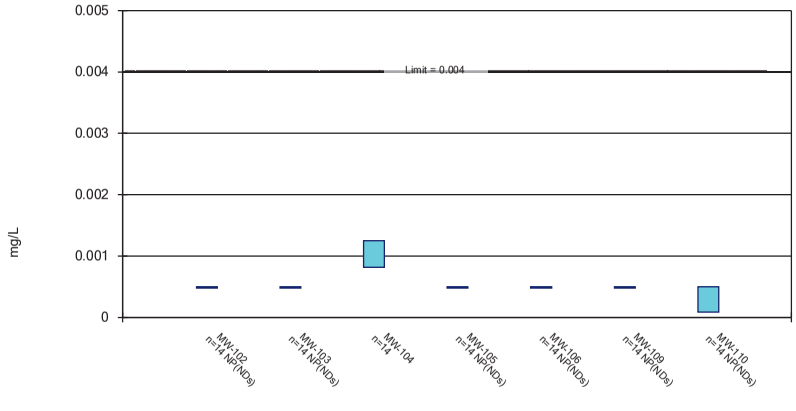


Constituent: Barium Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

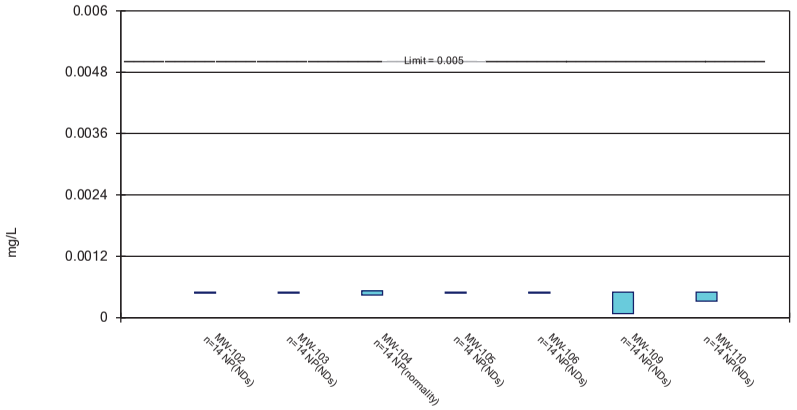
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

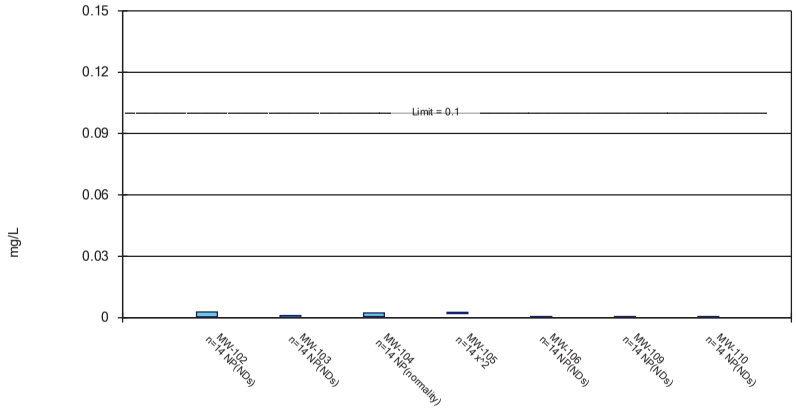
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

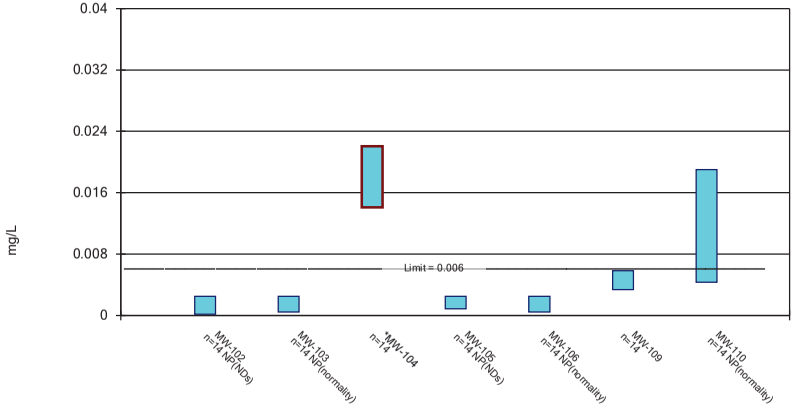
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

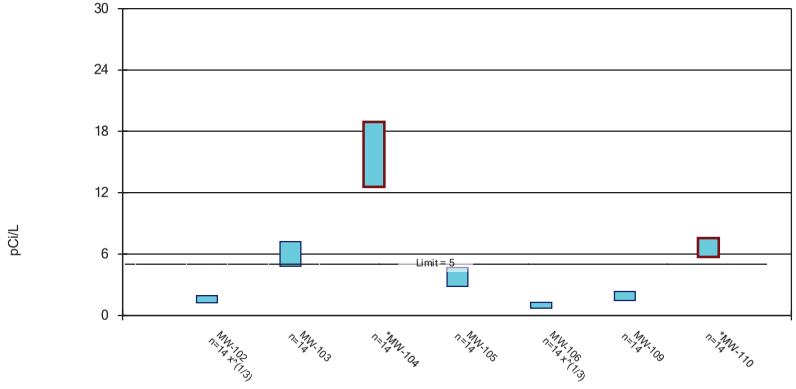
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric Confidence Interval

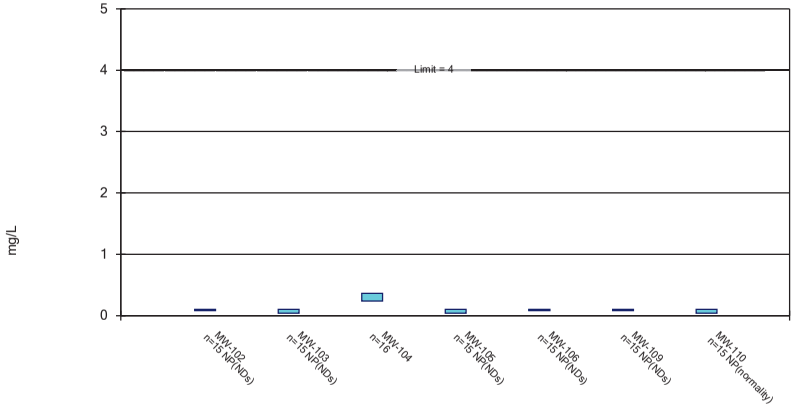
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 10
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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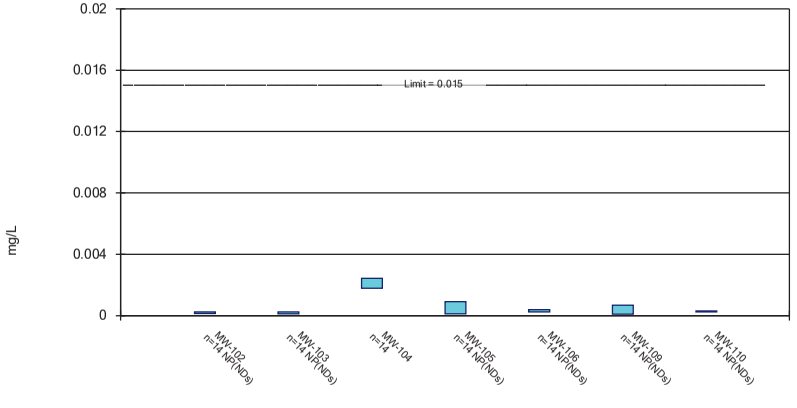
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

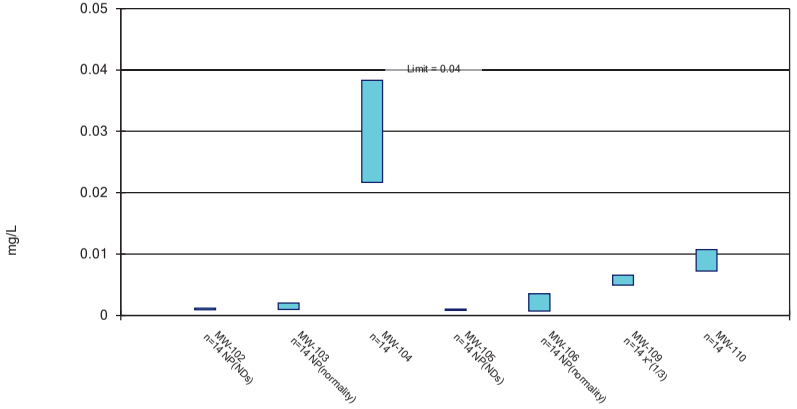


Constituent: Lead Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

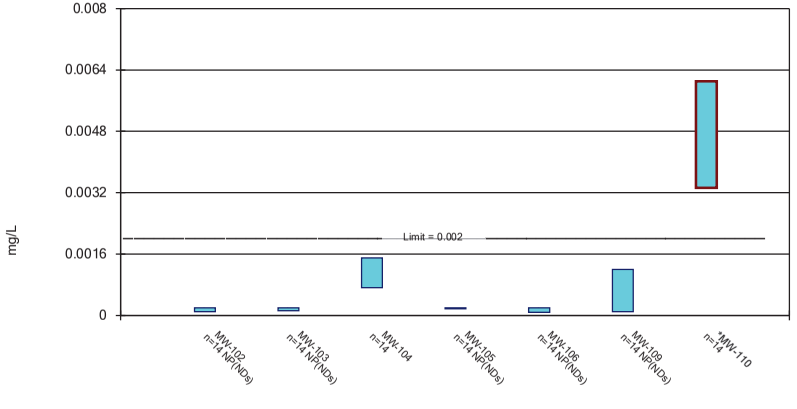


Constituent: Lithium Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

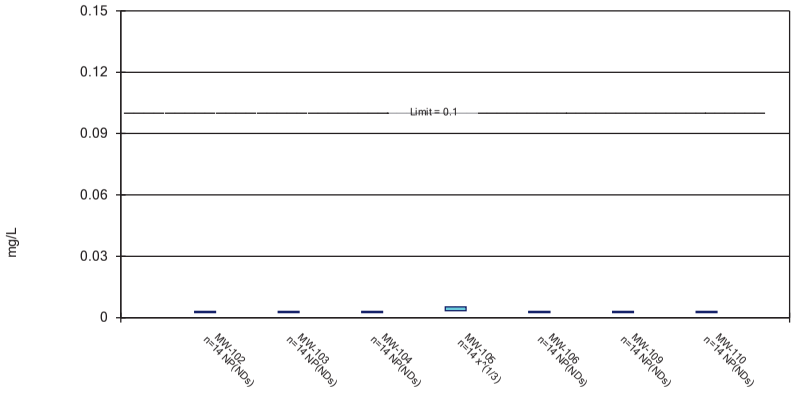
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



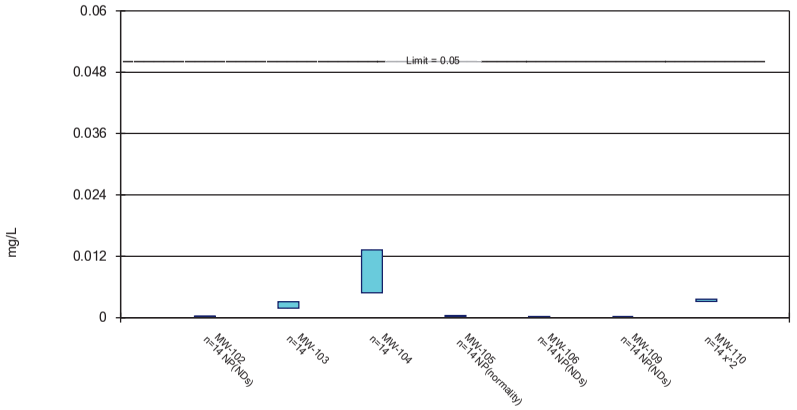
Constituent: Molybdenum Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



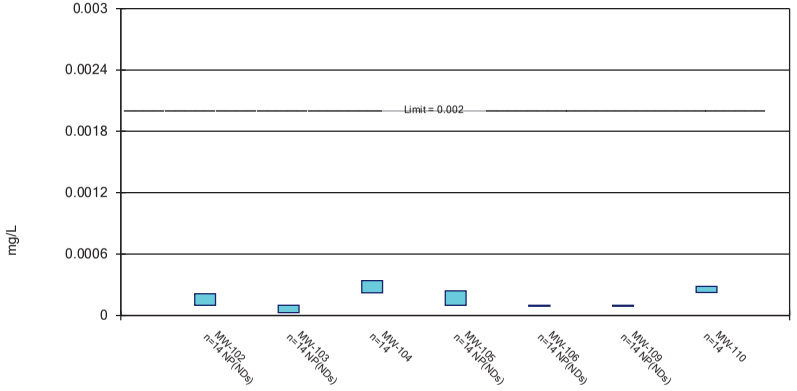
Constituent: Selenium Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 3/7/2020 5:22 PM View: Confidence Intervals - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

200 Series

Confidence Interval Summary Table - 200 Series Significant Results

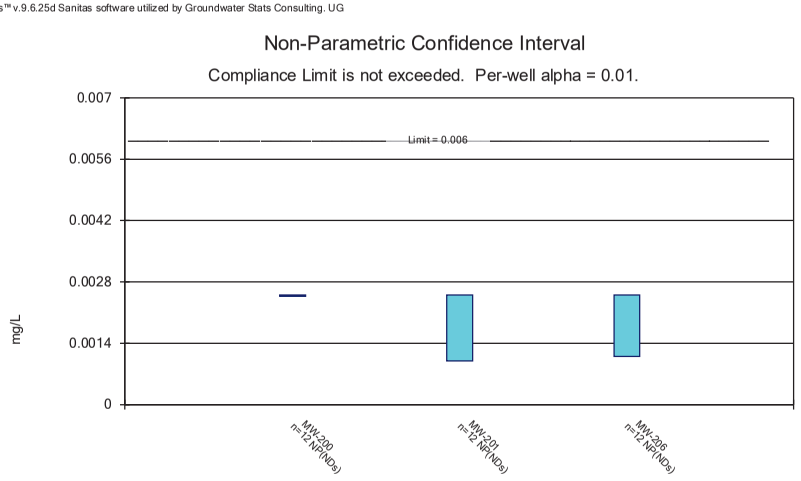
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/8/2020, 10:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.98**	**9.297**	**5**	**Yes**	**14**	**13.94**	**6.385**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**14**	**14.19**	**8.305**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**31.73**	**14.99**	**5**	**Yes**	**14**	**23.36**	**11.81**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 200 Series All Results

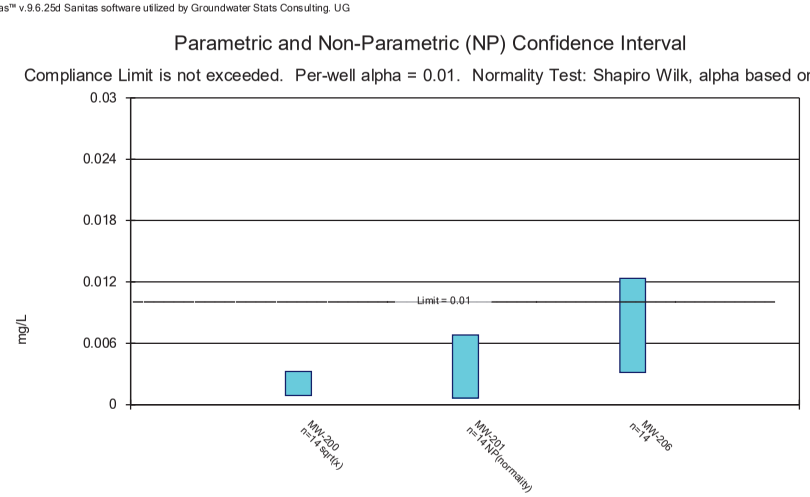
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/8/2020, 10:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-200	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	12	0.00225	0.0005839	83.33	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	12	0.002383	0.0004041	91.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.003232	0.0009075	0.01	No	14	0.002221	0.001833	7.143	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0068	0.00063	0.01	No	14	0.003154	0.003317	28.57	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.01235	0.003137	0.01	No	14	0.007742	0.006502	0	None	No	0.01	Param.
Barium (mg/L)	MW-200	0.06889	0.03955	2	No	14	0.05422	0.02071	0	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.0714	0.03445	2	No	14	0.05293	0.02608	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1162	0.06271	2	No	14	0.08944	0.03774	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.0025	0.004	No	14	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.0025	0.004	No	14	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00055	0.004	No	14	0.002068	0.0008591	78.57	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00061	0.005	No	13	0.002192	0.0007524	84.62	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.014	0.0021	0.005	No	14	0.007179	0.005691	7.143	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.002696	0.001222	0.005	No	14	0.001959	0.001041	0	None	No	0.01	Param.
Chromium (mg/L)	MW-200	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-201	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-206	0.0025	0.0025	0.1	No	11	0.002509	0.00003015	90.91	None	No	0.006	NP (NDs)
Cobalt (mg/L)	MW-200	0.00252	0.001332	0.006	No	14	0.001551	0.0006099	21.43	Cohen`s	No	0.01	Param.
Cobalt (mg/L)	MW-201	0.00322	0.001578	0.006	No	14	0.002461	0.001314	7.143	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.005103	0.002449	0.006	No	14	0.003776	0.001873	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.98**	**9.297**	**5**	**Yes**	**14**	**13.94**	**6.385**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**14**	**14.19**	**8.305**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**31.73**	**14.99**	**5**	**Yes**	**14**	**23.36**	**11.81**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.1	0.05	4	No	15	0.08533	0.06353	13.33	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7911	0.5001	4	No	16	0.6456	0.2236	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08743	0.05245	4	No	16	0.06994	0.02688	0	None	No	0.01	Param.
Lead (mg/L)	MW-200	0.001498	0.0008392	0.015	No	14	0.001169	0.000465	14.29	None	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00065	0.015	No	14	0.001138	0.0003276	78.57	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-206	0.01	0.0019	0.015	No	14	0.006343	0.003783	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	14	0.004721	0.001988	71.43	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-201	0.0078	0.0043	0.04	No	14	0.007479	0.008074	14.29	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0014	0.04	No	14	0.004471	0.001344	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002449	0.001261	0.002	No	14	0.001855	0.000839	0	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00032	0.002	No	14	0.001511	0.001041	0	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.0005361	0.0001662	0.002	No	14	0.0003736	0.0002926	14.29	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-200	0.015	0.0078	0.1	No	12	0.0144	0.002078	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.015	0.0015	0.1	No	12	0.01387	0.003897	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.015	0.00092	0.1	No	12	0.01383	0.004065	91.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.016	0.0042	0.05	No	14	0.01023	0.005539	0	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-201	0.01337	0.005047	0.05	No	14	0.009207	0.005873	0	None	No	0.01	Param.
Selenium (mg/L)	MW-206	0.01955	0.01402	0.05	No	14	0.01679	0.003906	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0003476	0.0000521	0.002	No	14	0.0002243	0.0001748	28.57	Cohen`s	No	0.01	Param.
Thallium (mg/L)	MW-201	0.0004515	0.0002128	0.002	No	14	0.0003321	0.0001685	0	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.000845	0.0004164	0.002	No	14	0.0006307	0.0003026	0	None	No	0.01	Param.



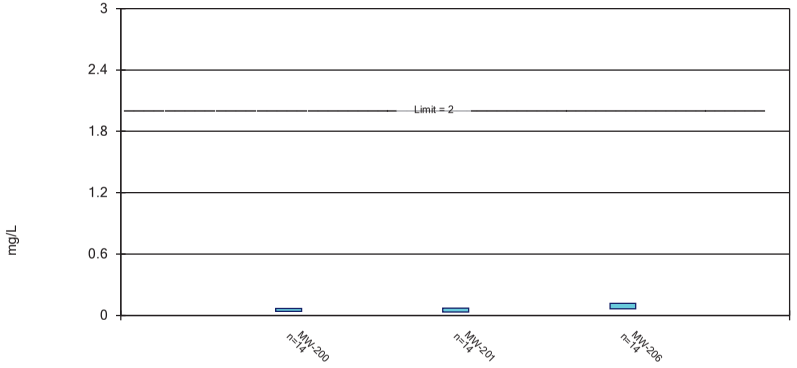
Constituent: Antimony Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG



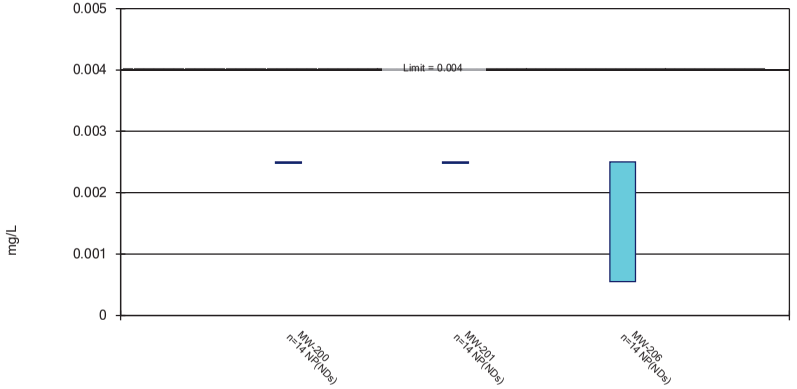
Constituent: Arsenic Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Barium Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

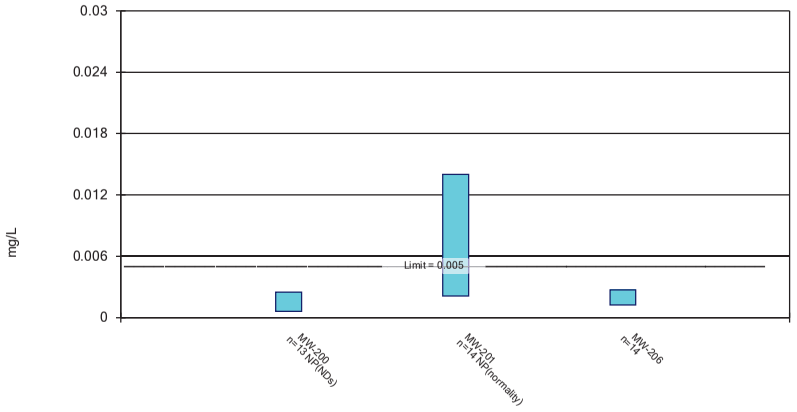
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Beryllium Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

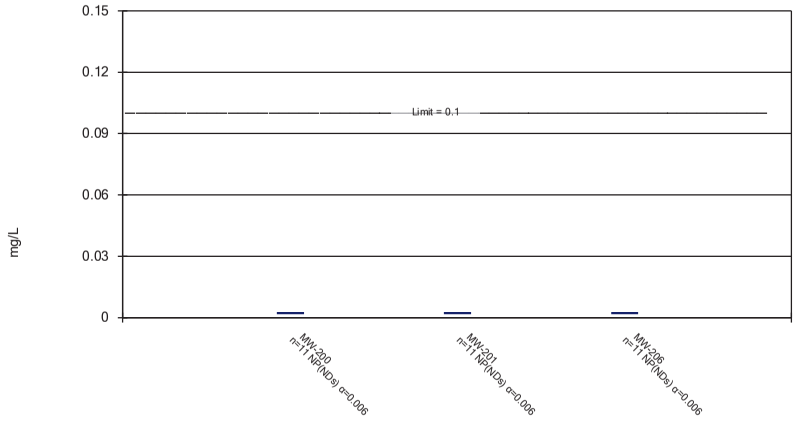


Constituent: Cadmium Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

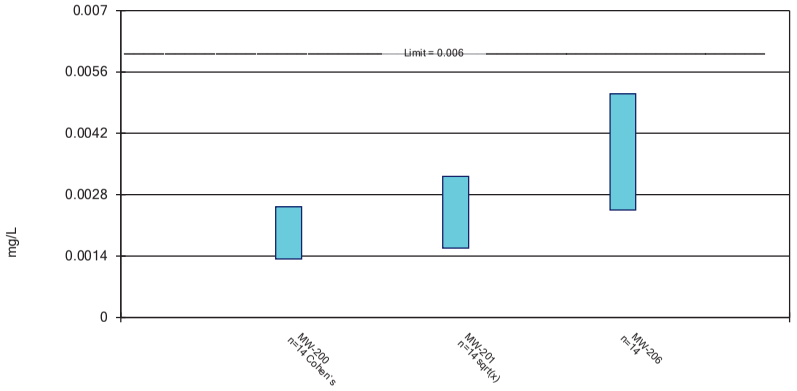


Constituent: Chromium Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

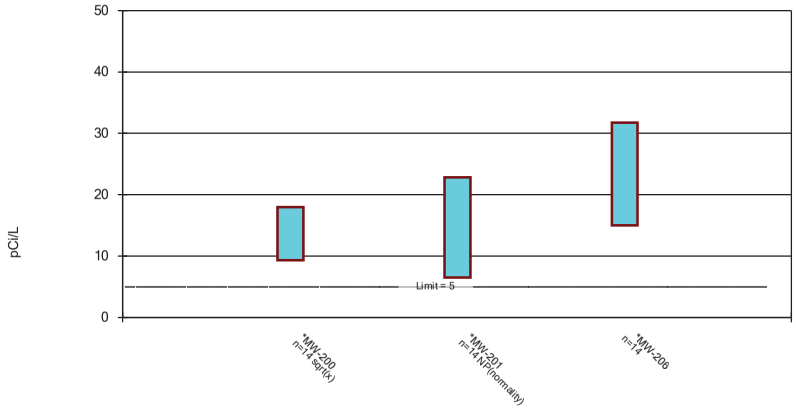


Constituent: Cobalt Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

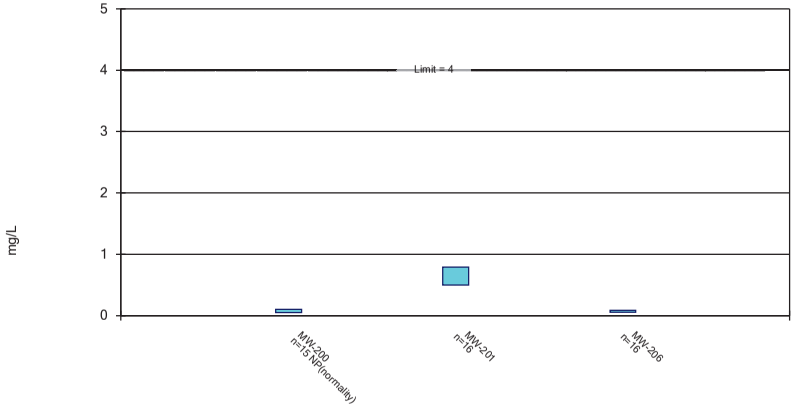
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 20
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

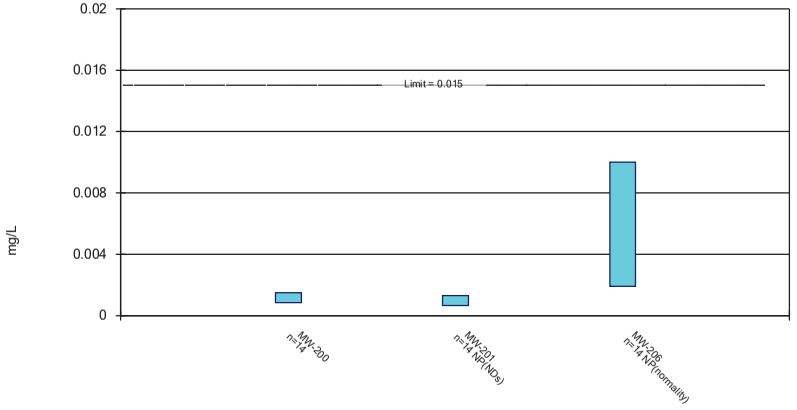


Constituent: Fluoride Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

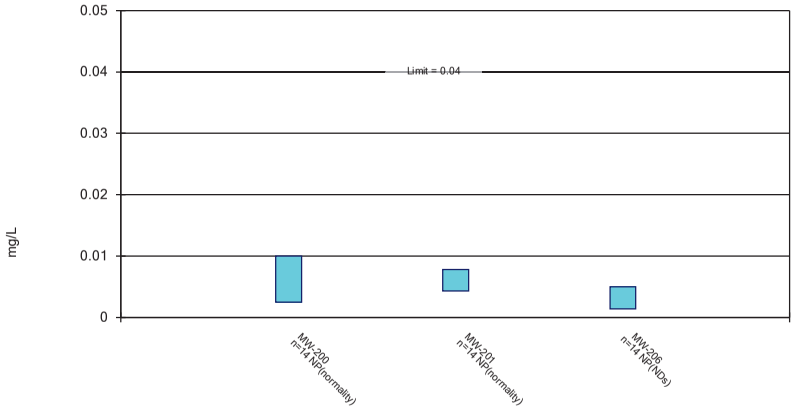


Constituent: Lead Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

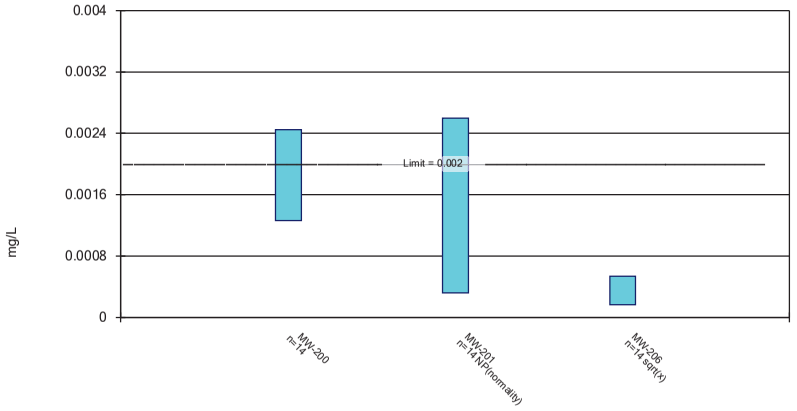


Constituent: Lithium Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

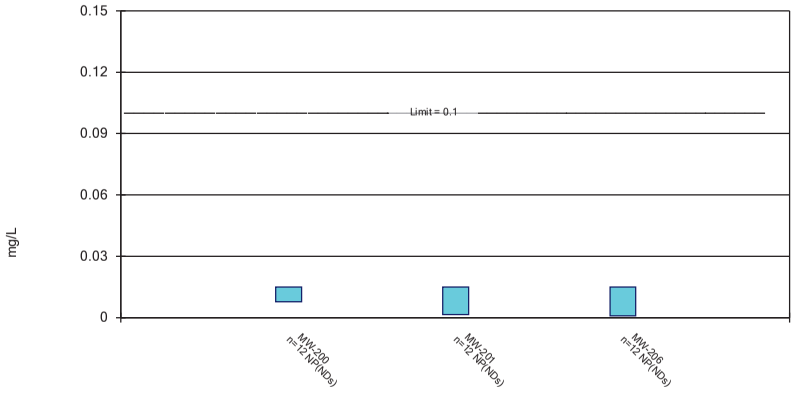
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

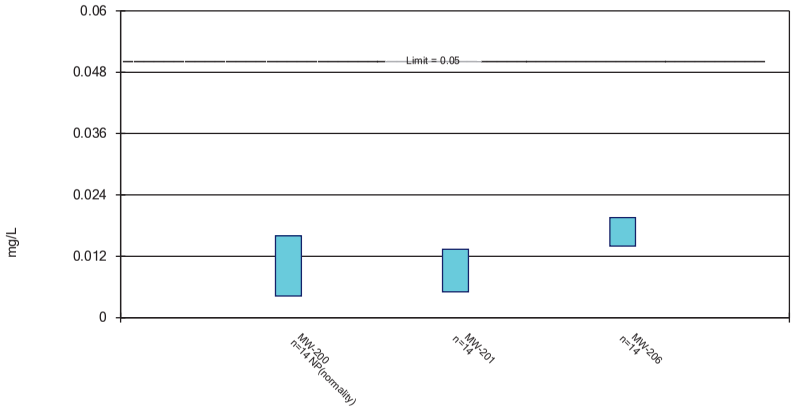


Constituent: Molybdenum Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

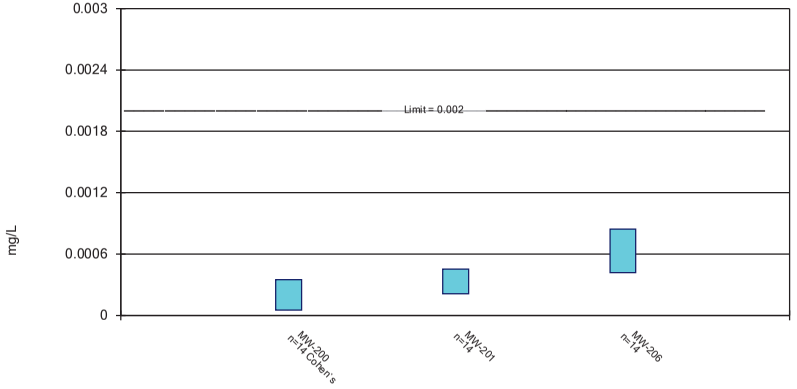


Constituent: Selenium Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 3/8/2020 9:59 AM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

300 Series

Confidence Interval Summary Table - 300 Series Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/16/2020, 9:05 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	**MW-303**	**1.756**	**0.9349**	**0.1**	**Yes**	**14**	**1.346**	**0.5799**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/16/2020, 9:05 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-300	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-303	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-304	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-305	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Antimony (mg/L)	MW-308	0.0025	0.0025	0.006	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Arsenic (mg/L)	MW-300	0.0013	0.0013	0.01	No	12	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-303	0.001676	0.0008936	0.01	No	12	0.001285	0.0004989	41.67	None	No	0.01	Param.
Arsenic (mg/L)	MW-304	0.0051	0.0005	0.01	No	9	0.002047	0.001932	11.11	None	No	0.002	NP (normality)
Arsenic (mg/L)	MW-305	0.0013	0.0013	0.01	No	12	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.0013	0.0013	0.01	No	12	0.0013	0	100	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.01195	0.01076	2	No	14	0.01136	0.0008419	0	None	No	0.01	Param.
Barium (mg/L)	MW-303	0.03983	0.02724	2	No	14	0.03379	0.009333	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04311	0.02789	2	No	14	0.0355	0.01074	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.026	0.016	2	No	14	0.01921	0.005536	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02805	0.0218	2	No	14	0.02493	0.004411	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-300	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-303	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-304	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-305	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Beryllium (mg/L)	MW-308	0.0025	0.0025	0.004	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Cadmium (mg/L)	MW-300	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0005752	0.0004148	0.005	No	14	0.000495	0.0001133	21.43	None	No	0.01	Param.
Cadmium (mg/L)	MW-304	0.001	0.0005	0.005	No	14	0.0005357	0.0001336	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0005	0.0005	0.005	No	14	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0025	0.0025	0.1	No	11	0.002609	0.0003618	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0025	0.1	No	11	0.002382	0.000392	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.0025	0.1	No	11	0.0025	1.7e-11	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	MW-308	0.0025	0.0025	0.1	No	11	0.0025	0	100	None	No	0.006	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00023	0.006	No	14	0.0005114	0.0001403	85.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006533	0.0004262	0.006	No	14	0.0005807	0.0001144	35.71	Cohen`s	No	0.01	Param.
Cobalt (mg/L)	MW-304	0.03833	0.005974	0.006	No	9	0.02199	0.02182	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	14	0.0005457	0.0001718	28.57	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00056	0.0005	0.006	No	14	0.0005136	0.00003713	85.71	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.659	4.727	5	No	14	5.193	0.6579	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-303	6.31	4.37	5	No	14	5.939	2.142	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-304	7.398	3.819	5	No	14	5.609	2.527	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.643	1.24	5	No	14	1.448	0.2986	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.127	2.325	5	No	14	2.726	0.5663	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	15	0.09607	0.01523	93.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2567	0.162	4	No	16	0.2094	0.0728	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.1235	0.07385	4	No	15	0.09867	0.03662	46.67	None	No	0.01	Param.
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	15	0.09567	0.01678	93.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1353	0.07596	4	No	16	0.1056	0.0456	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lead (mg/L)	MW-304	0.0013	0.00047	0.015	No	11	0.001045	0.0003898	54.55	None	No	0.006	NP (normality)
Lead (mg/L)	MW-305	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lead (mg/L)	MW-308	0.0013	0.0013	0.015	No	11	0.0013	0	100	None	No	0.006	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0014	0.04	No	14	0.00443	0.001457	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02858	0.02271	0.04	No	14	0.02571	0.004322	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.005	0.0034	0.04	No	14	0.004379	0.001217	71.43	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.005	0.0014	0.04	No	14	0.004424	0.001473	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.005	0.0013	0.04	No	14	0.003971	0.001703	71.43	None	No	0.01	NP (normality)

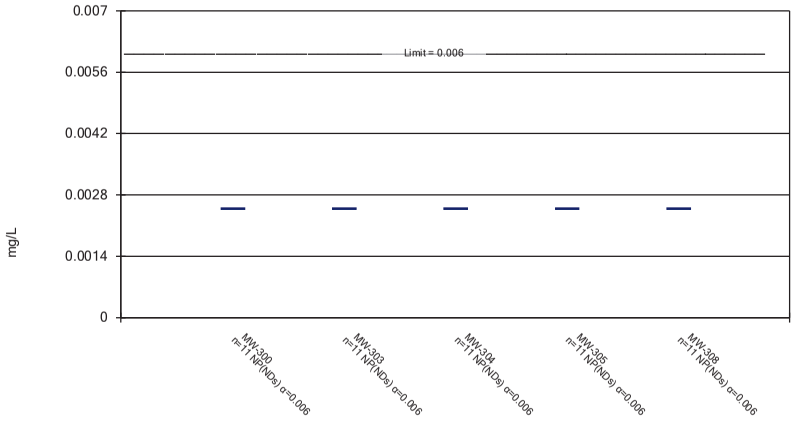
Confidence Interval Summary Table - 300 Series All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 3/16/2020, 9:05 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-300	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-303	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00065	0.0002	0.002	No	14	0.0004669	0.00033	21.43	None	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.0002	0.0002	0.002	No	14	0.0002	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-300	0.003	0.003	0.1	No	14	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.756**	**0.9349**	**0.1**	**Yes**	**14**	**1.346**	**0.5799**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0043	0.0029	0.1	No	14	0.003443	0.001226	50	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.003	0.0016	0.1	No	14	0.0029	0.0003742	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.003	0.00098	0.1	No	14	0.002856	0.0005399	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.00025	0.00025	0.05	No	14	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.006473	0.00377	0.05	No	14	0.005121	0.001908	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006781	0.003757	0.05	No	13	0.005269	0.002034	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00027	0.00025	0.05	No	14	0.0002514	0.000005345	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.006079	0.003763	0.05	No	14	0.004921	0.001635	0	None	No	0.01	Param.
Thallium (mg/L)	MW-300	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-303	0.0002206	0.0001652	0.002	No	14	0.0001929	0.00003911	7.143	None	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0001968	0.0001168	0.002	No	14	0.0001568	0.00005649	14.29	None	No	0.01	Param.
Thallium (mg/L)	MW-305	0.0001	0.0001	0.002	No	14	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-308	0.0003092	0.000218	0.002	No	14	0.0002636	0.0000644	7.143	None	No	0.01	Param.

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

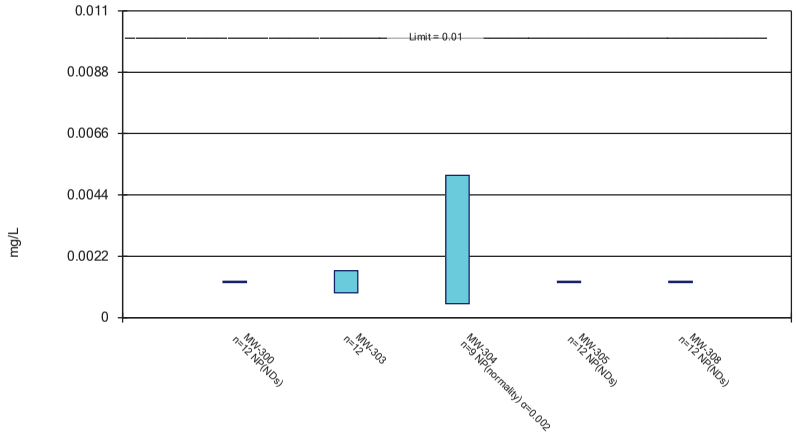


Constituent: Antimony Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25e Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

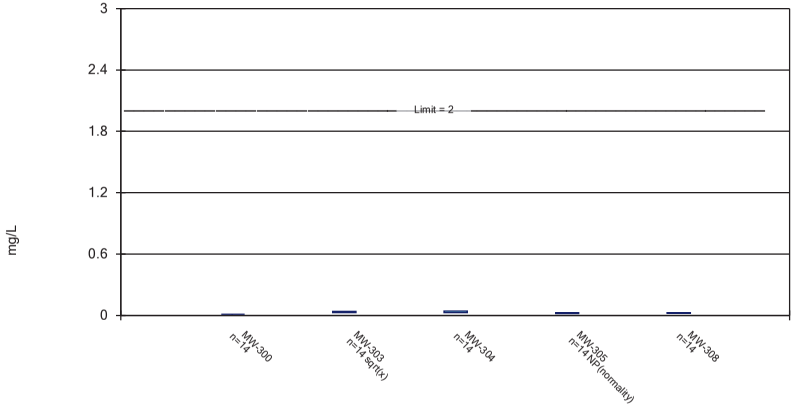


Constituent: Arsenic Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25e Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

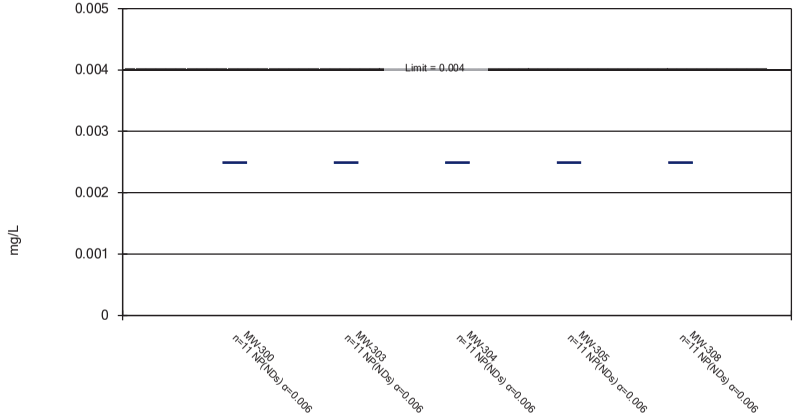


Constituent: Barium Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25e Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

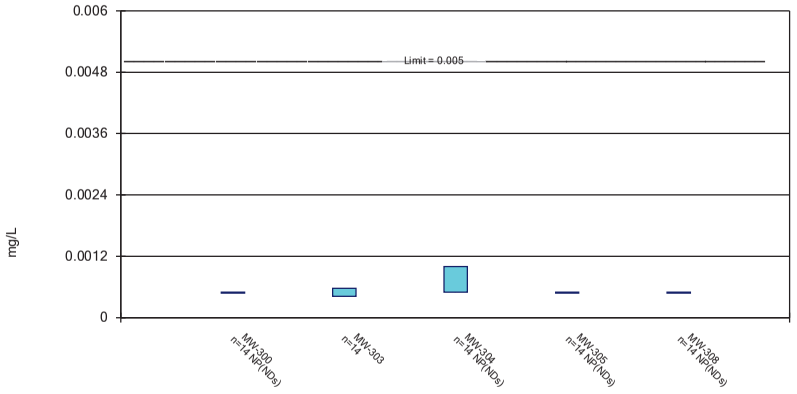
Compliance Limit is not exceeded.



Constituent: Beryllium Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

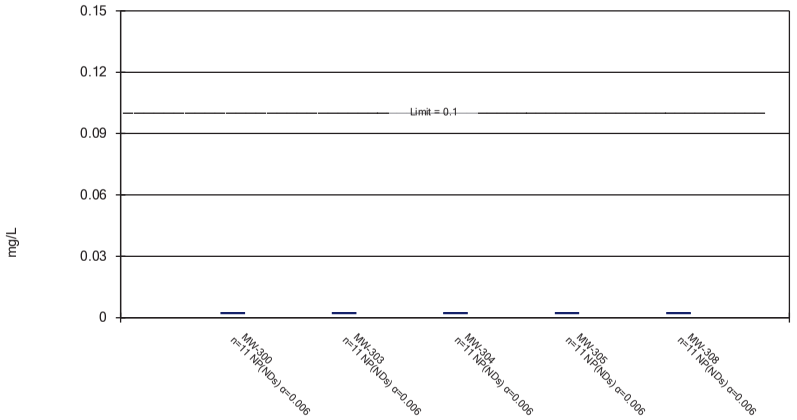
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cadmium Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

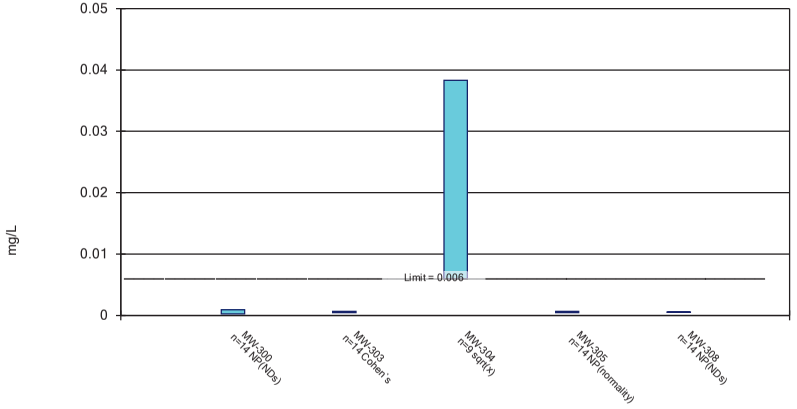
Compliance Limit is not exceeded.



Constituent: Chromium Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

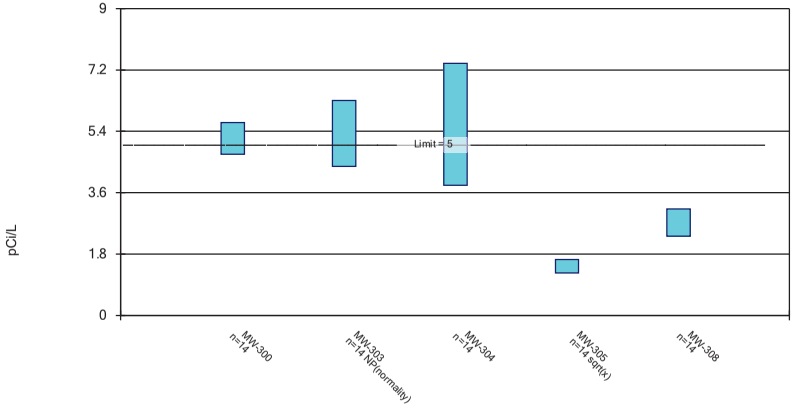
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

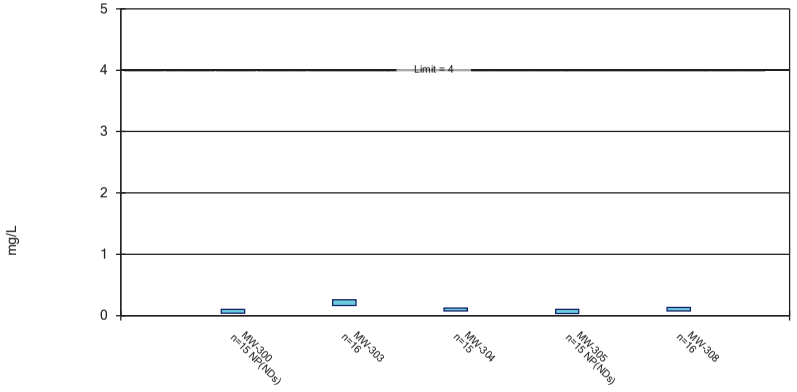
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 3
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

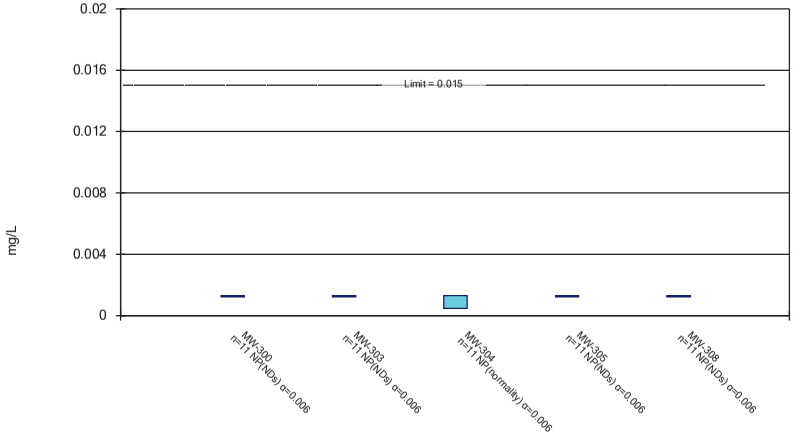
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

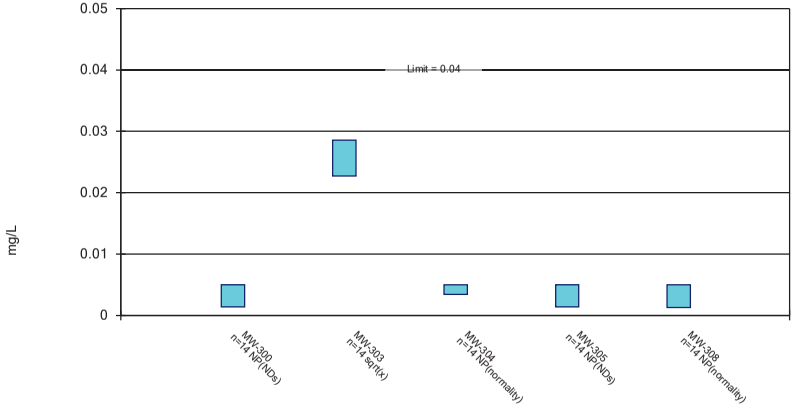
Compliance Limit is not exceeded.



Constituent: Lead Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

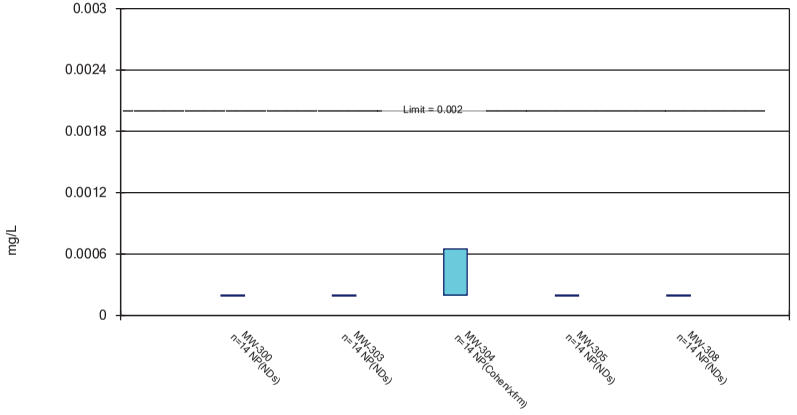
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

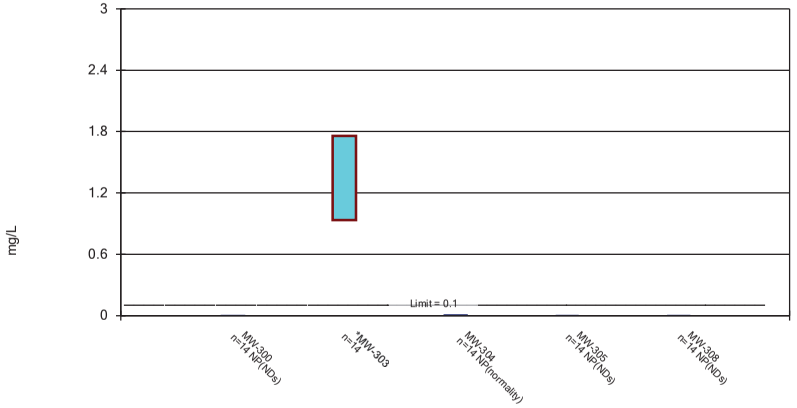
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury Analysis Run 3/16/2020 9:03 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

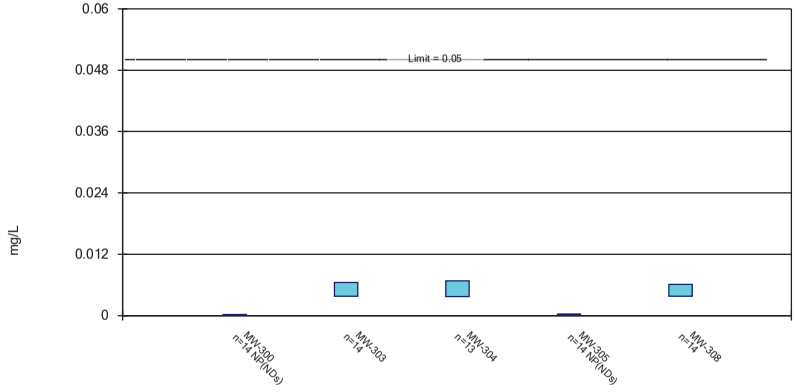


Constituent: Molybdenum Analysis Run 3/16/2020 9:04 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25e Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

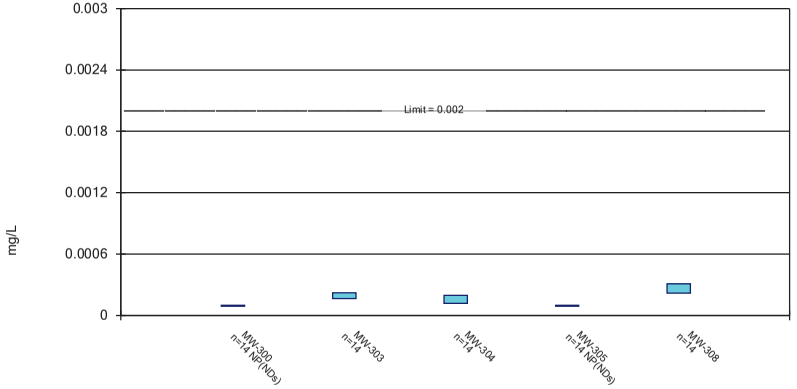


Constituent: Selenium Analysis Run 3/16/2020 9:04 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25e Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



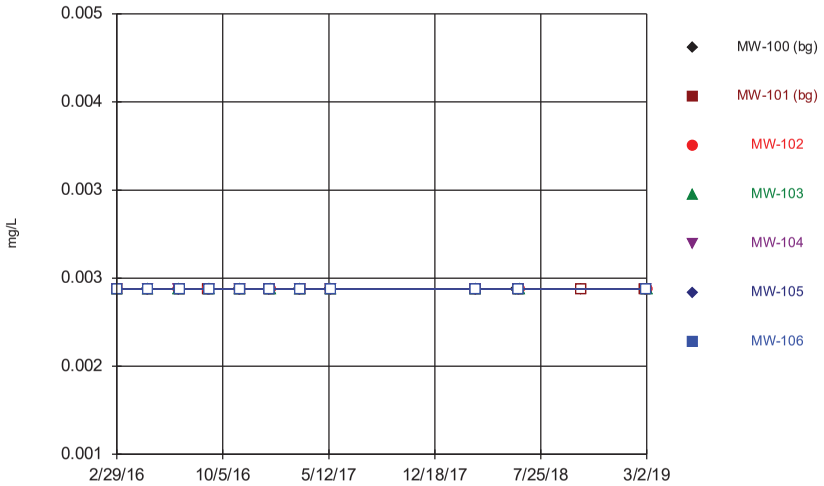
Constituent: Thallium Analysis Run 3/16/2020 9:04 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

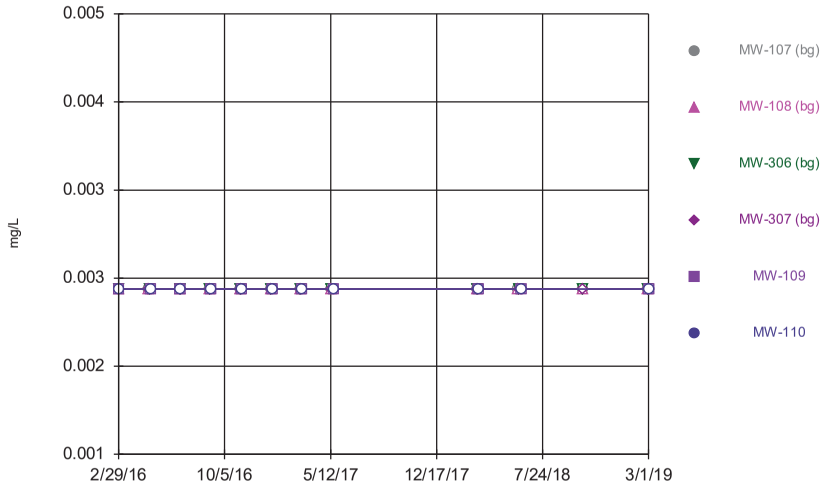
Time Series



Constituent: Antimony Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

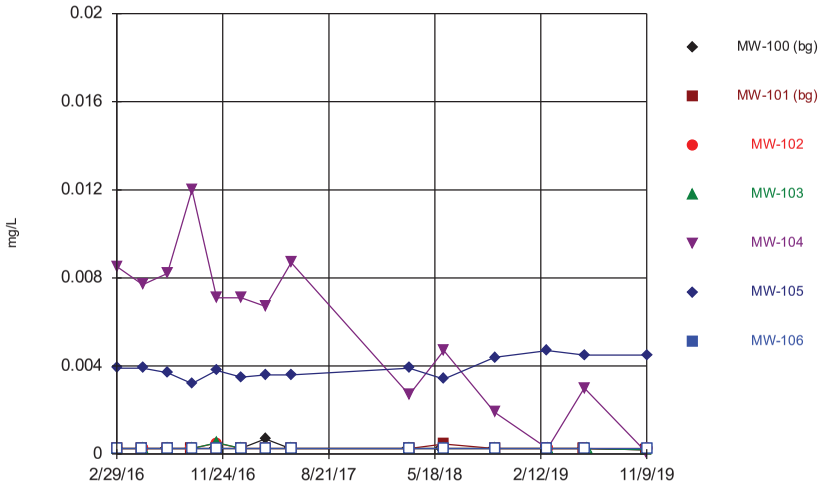
Time Series



Constituent: Antimony Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

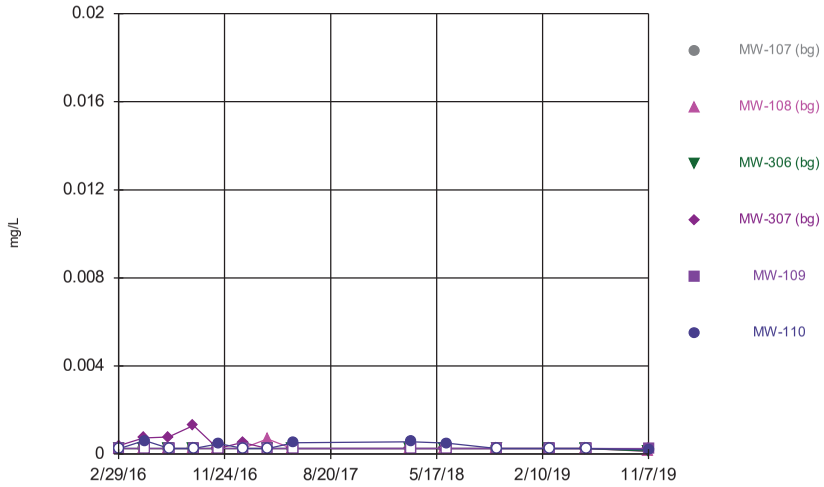
Time Series



Constituent: Arsenic Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

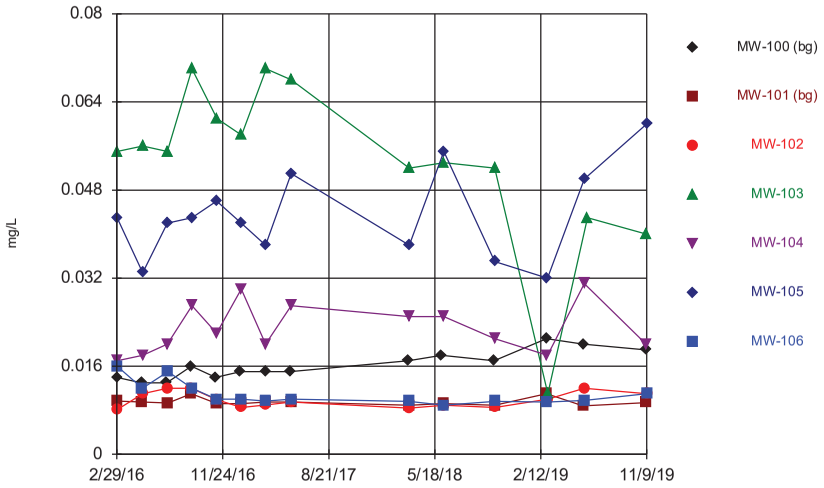
Time Series



Constituent: Arsenic Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

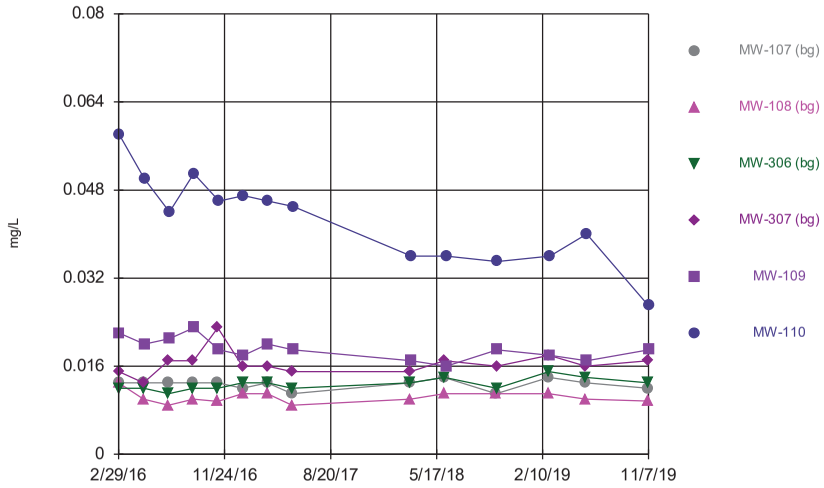
Time Series



Constituent: Barium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

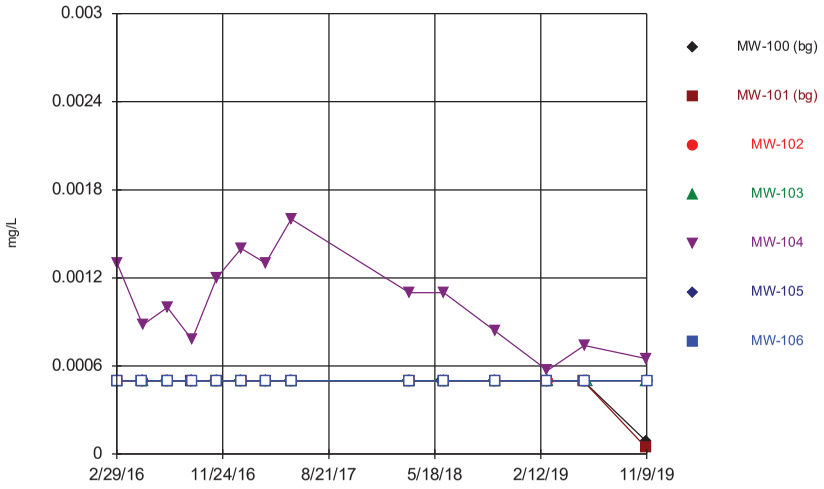
Time Series



Constituent: Barium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

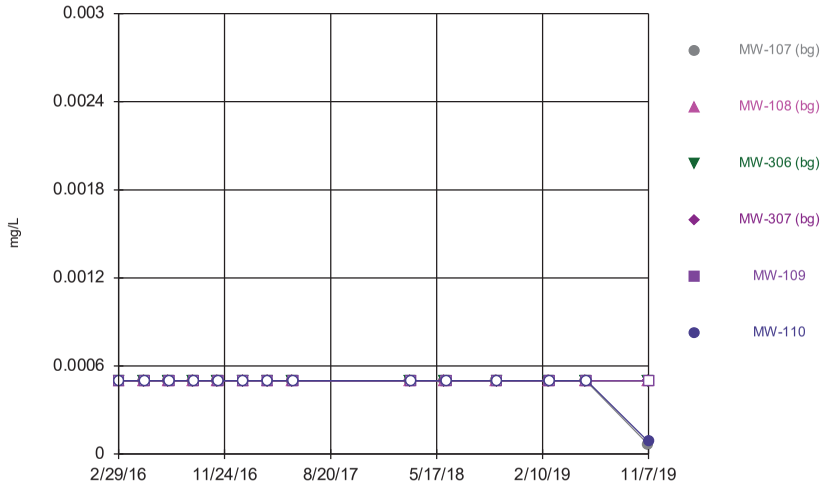
Time Series



Constituent: Beryllium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

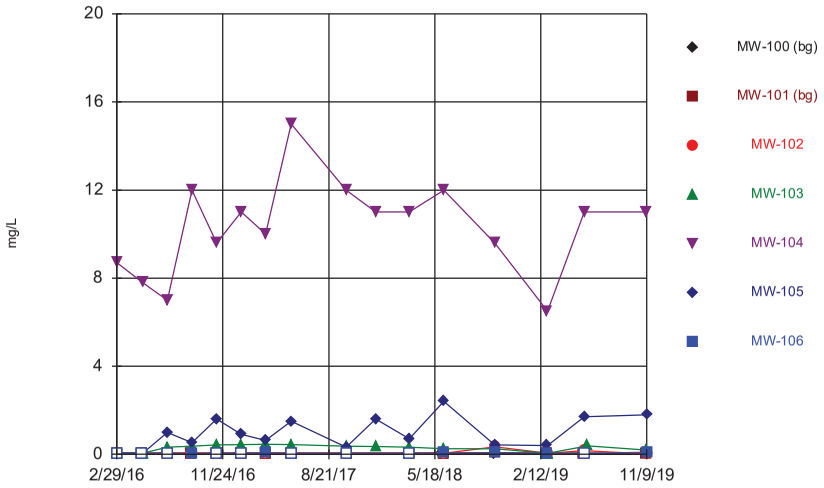
Time Series



Constituent: Beryllium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

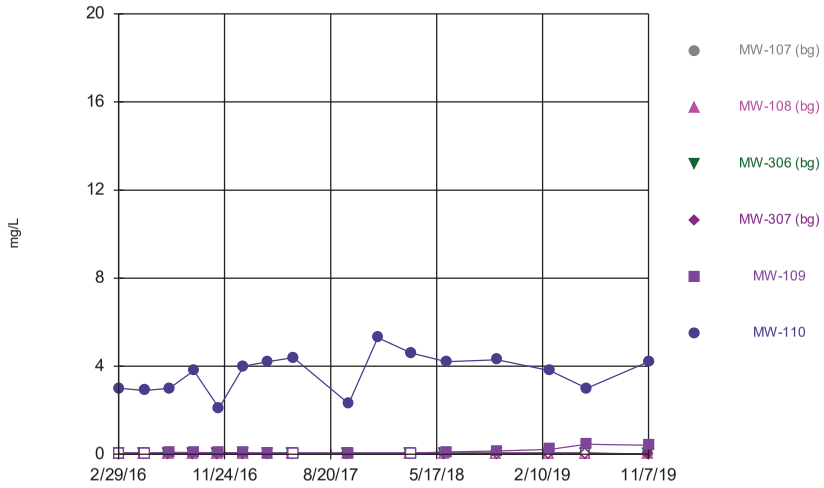
Time Series



Constituent: Boron Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

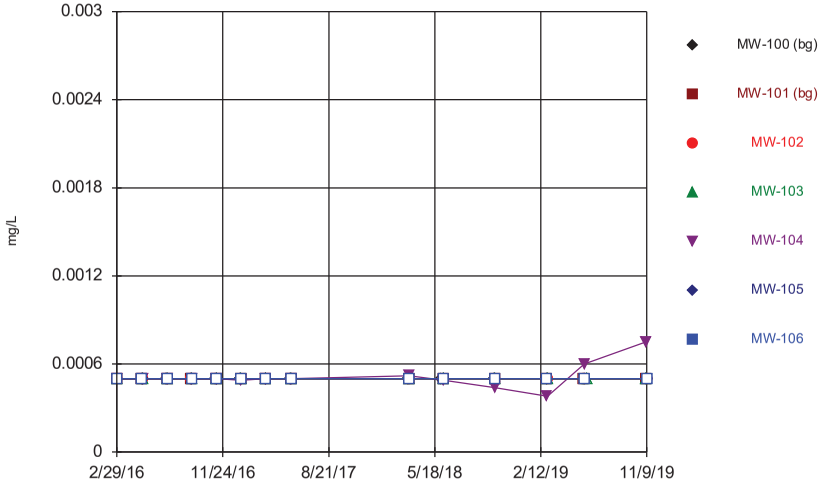
Time Series



Constituent: Boron Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

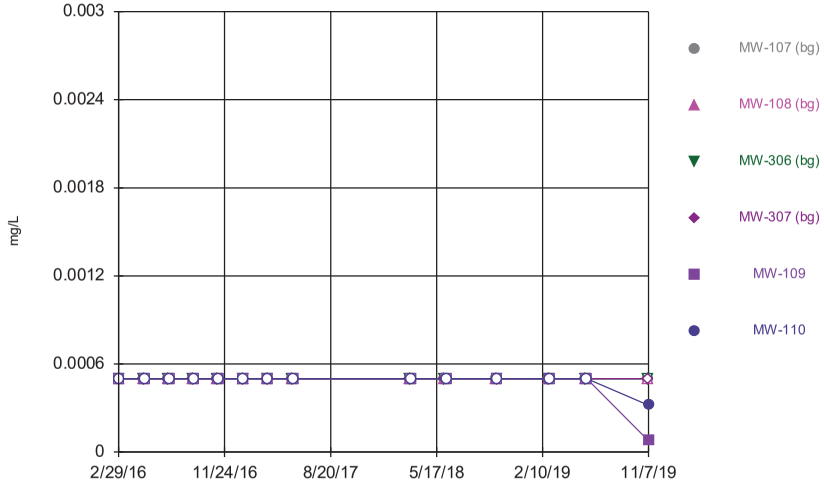
Time Series



Constituent: Cadmium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

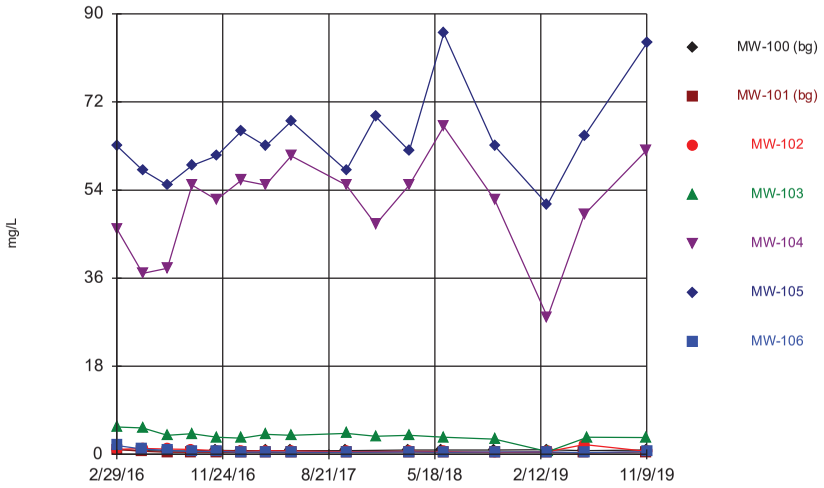
Time Series



Constituent: Cadmium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

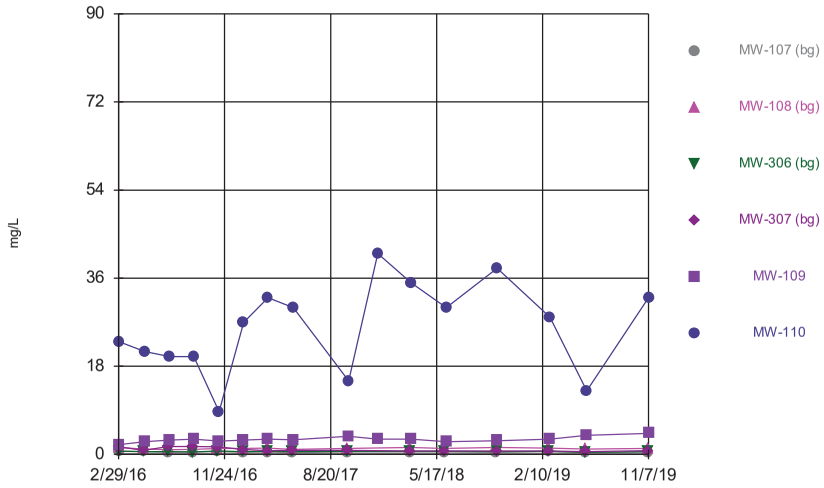
Time Series



Constituent: Calcium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

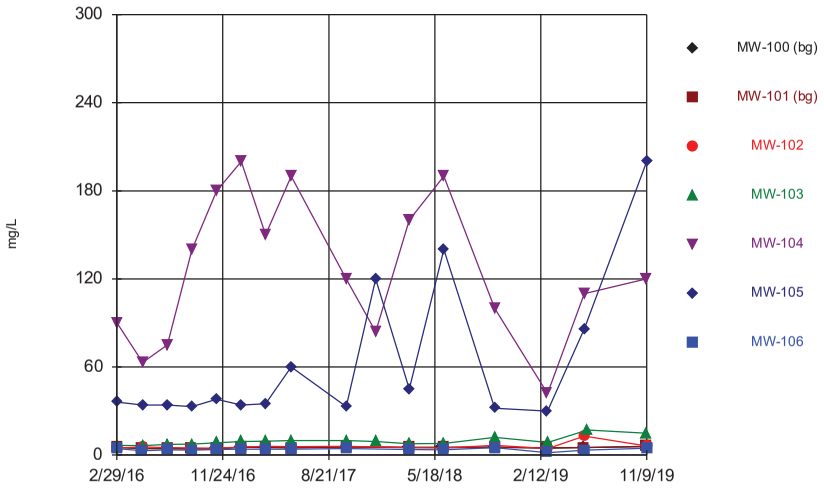
Time Series



Constituent: Calcium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

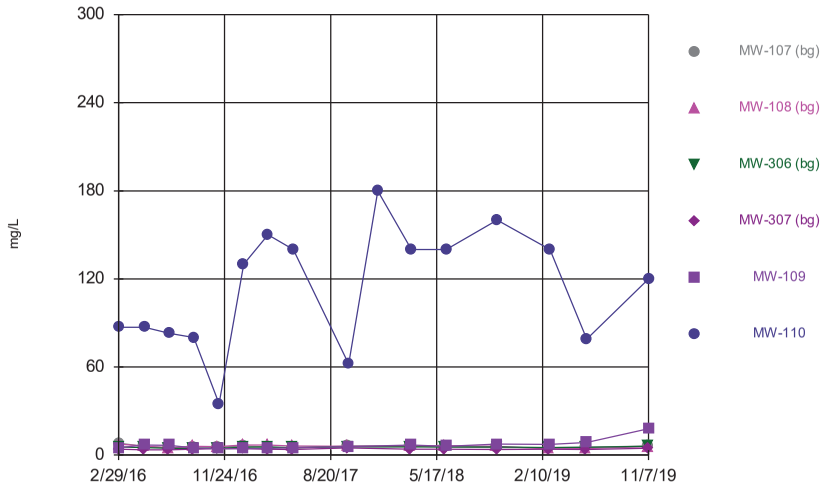
Time Series



Constituent: Chloride Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

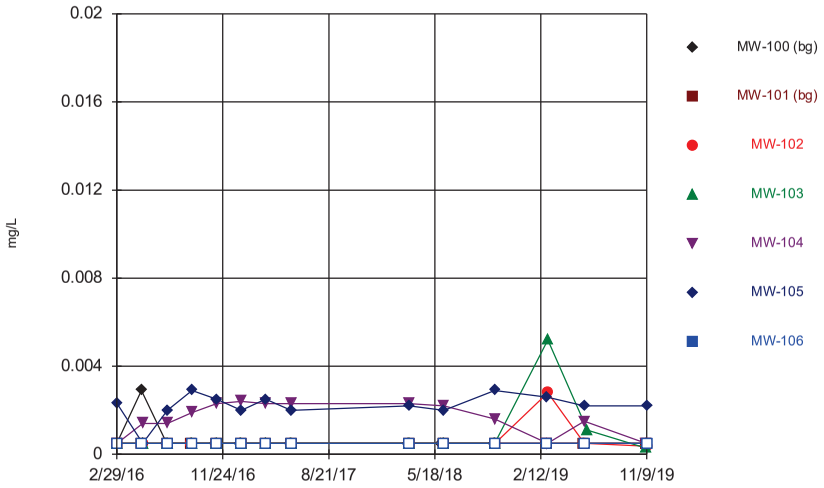
Time Series



Constituent: Chloride Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

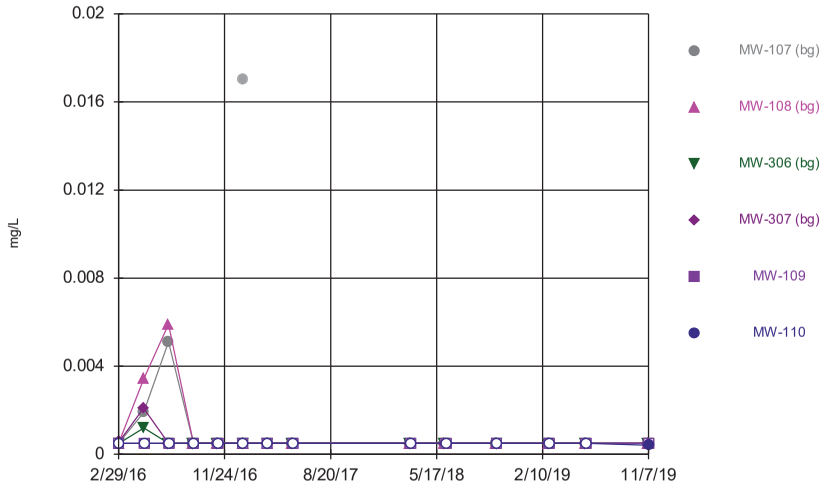
Time Series



Constituent: Chromium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

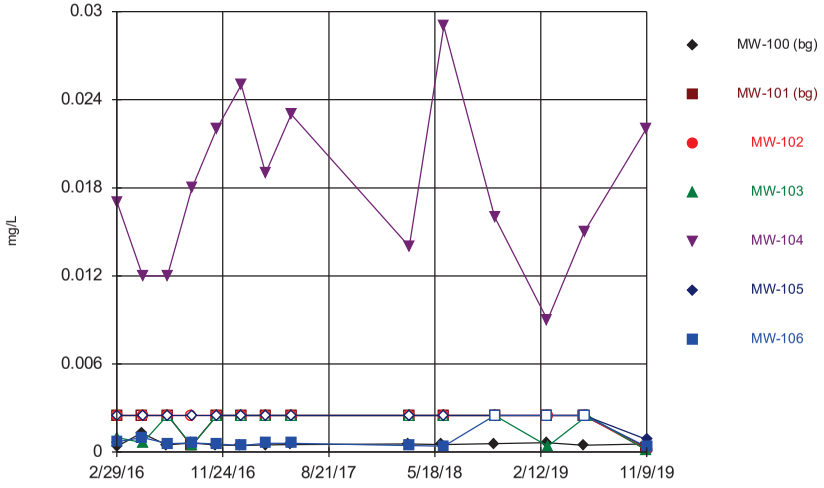
Time Series



Constituent: Chromium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

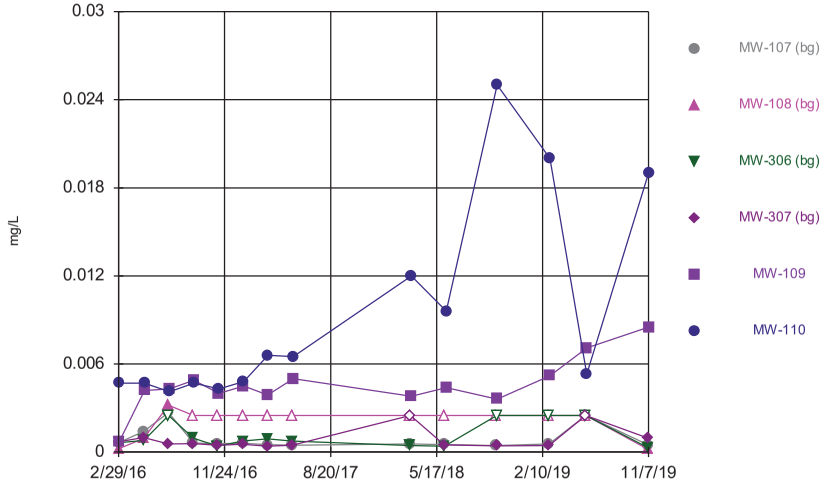
Time Series



Constituent: Cobalt Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

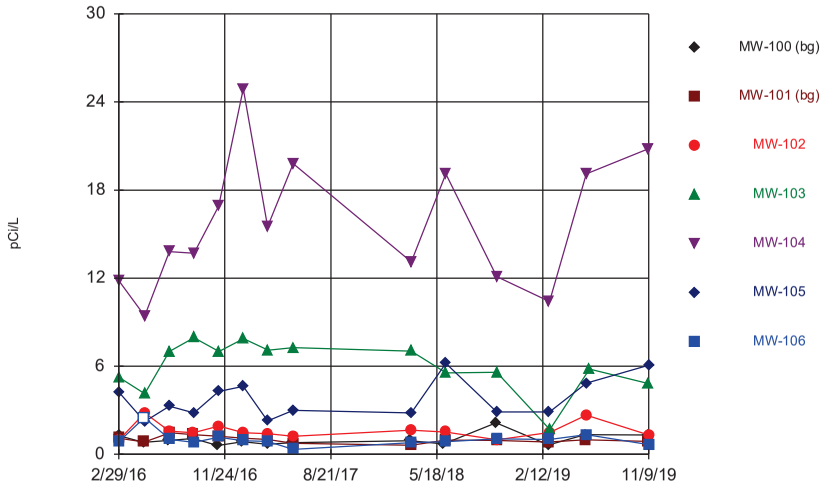
Time Series



Constituent: Cobalt Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

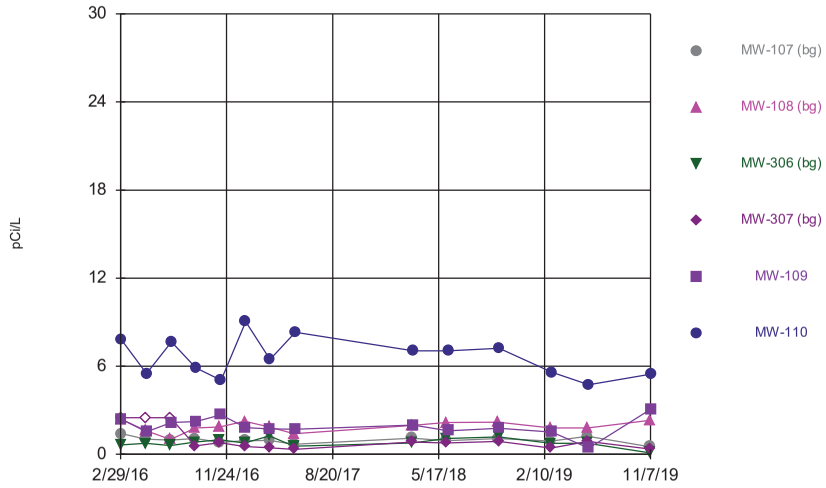
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

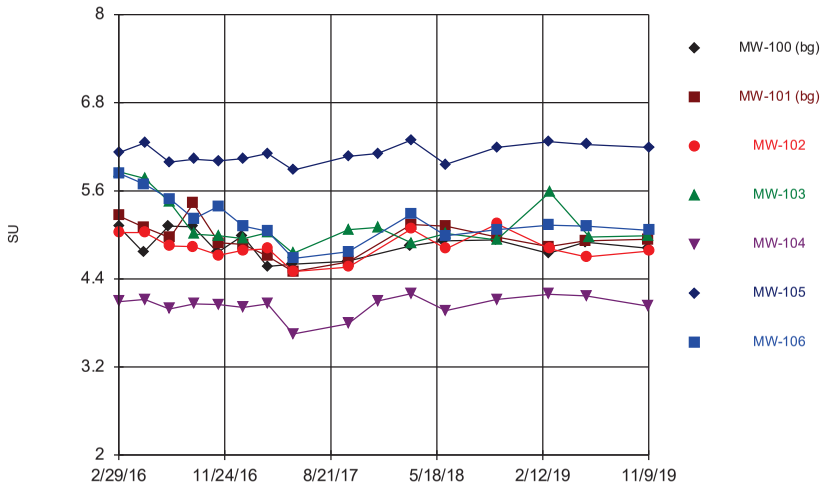
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

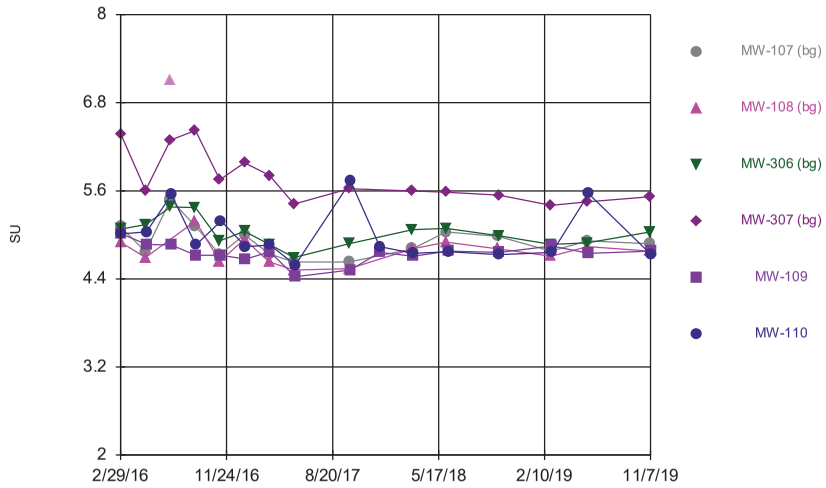
Time Series



Constituent: Field pH Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

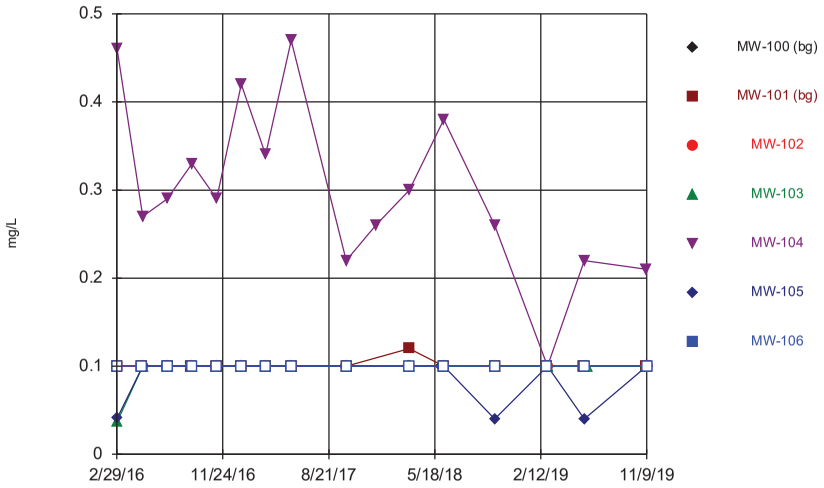
Time Series



Constituent: Field pH Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

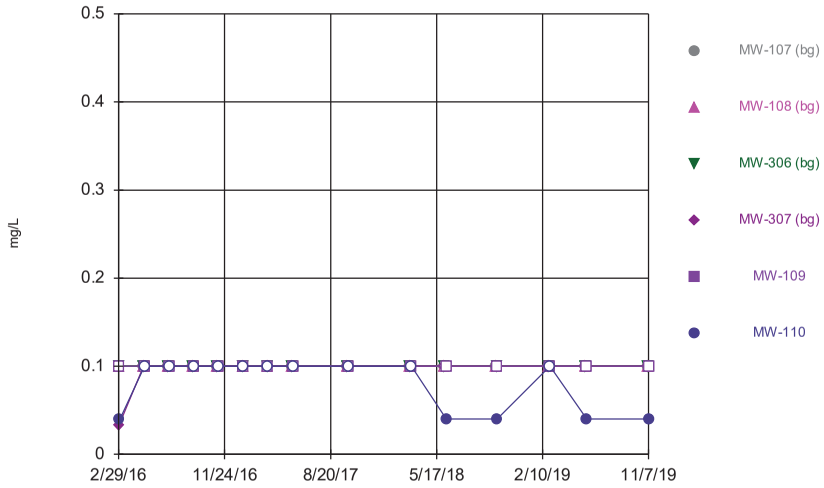
Time Series



Constituent: Fluoride Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

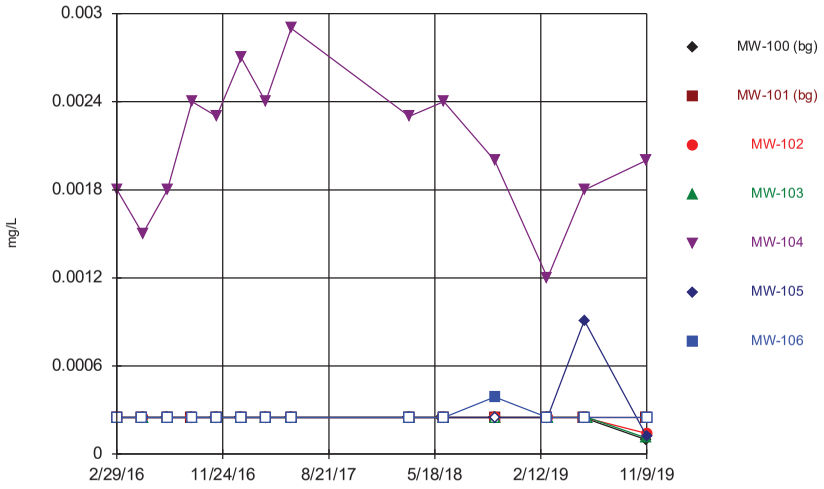
Time Series



Constituent: Fluoride Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

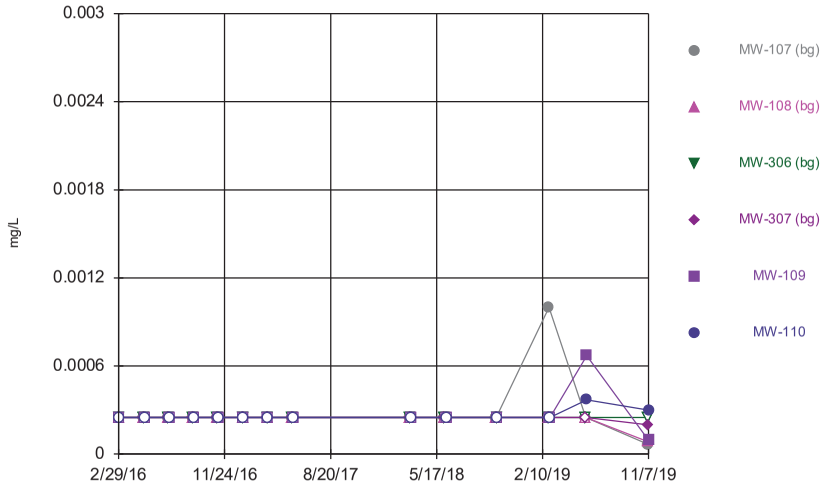
Time Series



Constituent: Lead Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

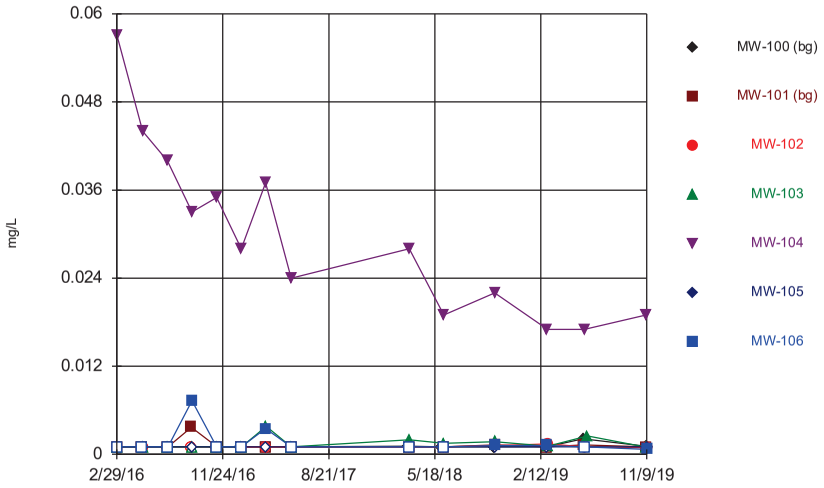
Time Series



Constituent: Lead Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

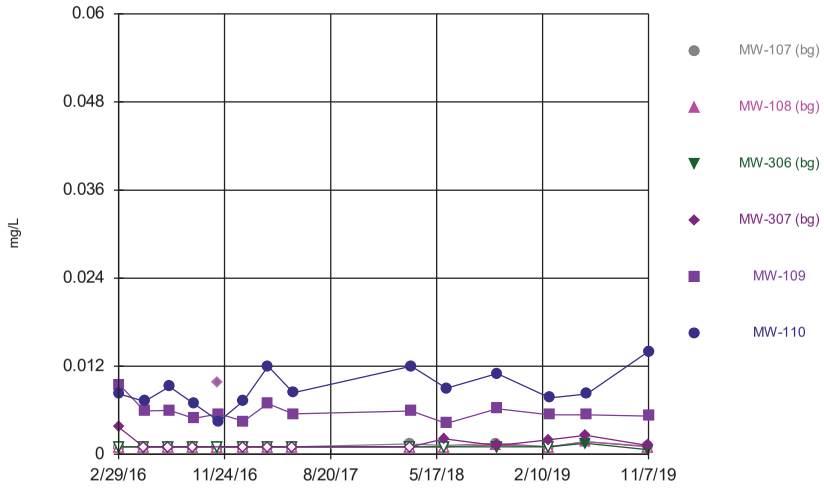
Time Series



Constituent: Lithium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

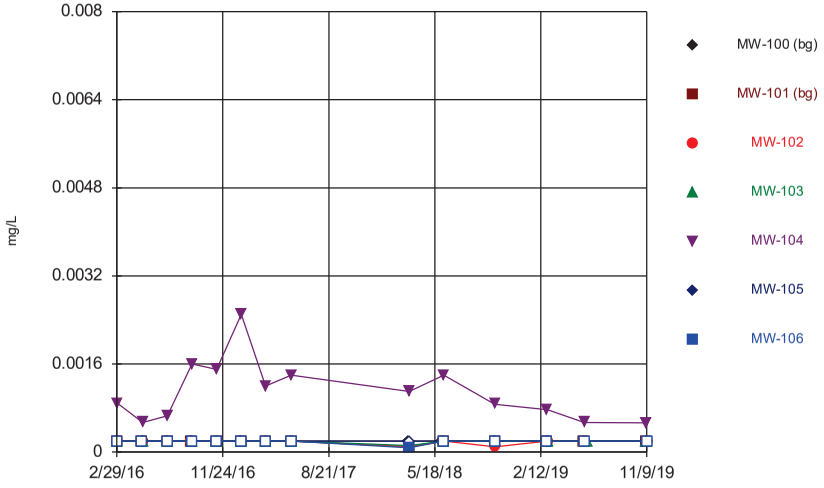
Time Series



Constituent: Lithium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

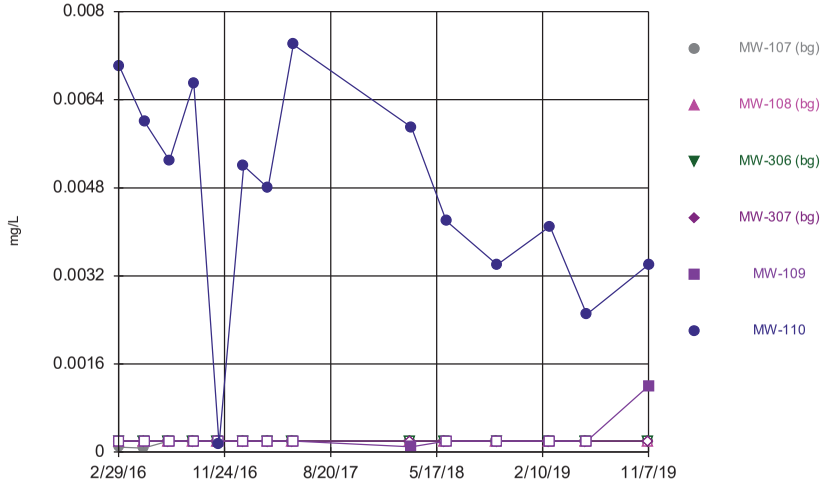
Time Series



Constituent: Mercury Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

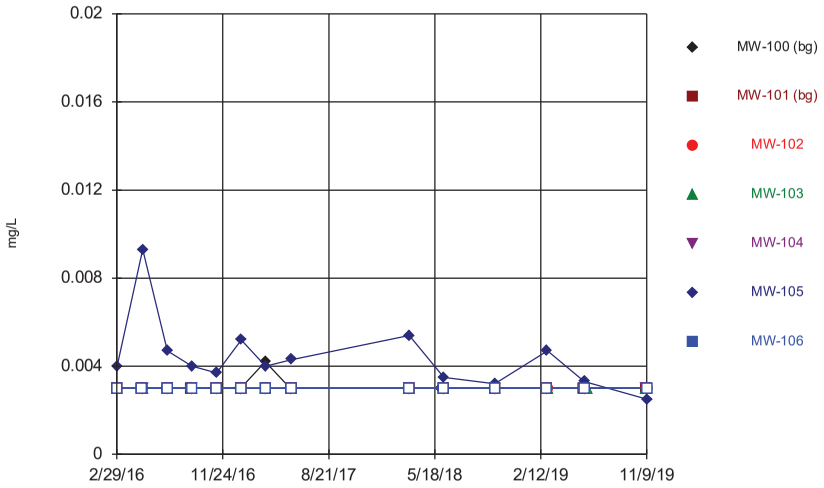
Time Series



Constituent: Mercury Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

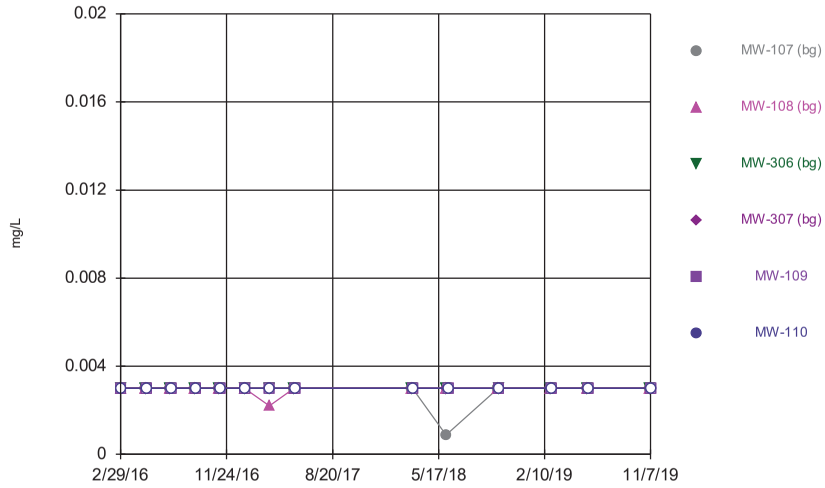
Time Series



Constituent: Molybdenum Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

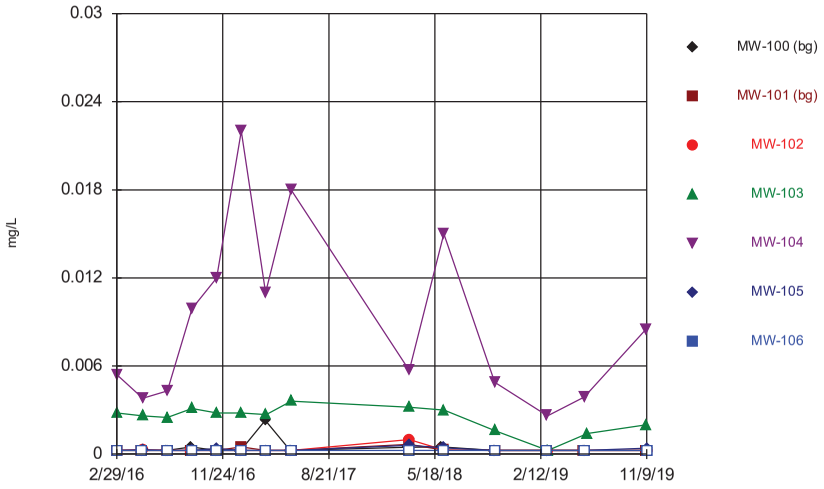
Time Series



Constituent: Molybdenum Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

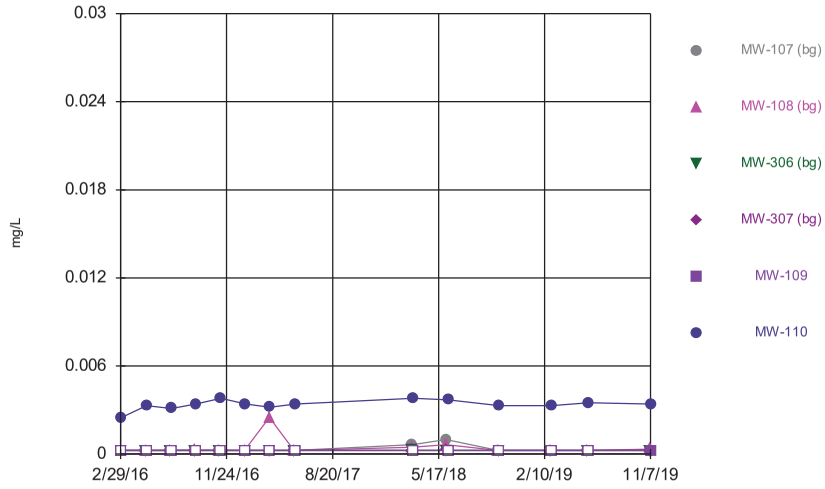
Time Series



Constituent: Selenium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

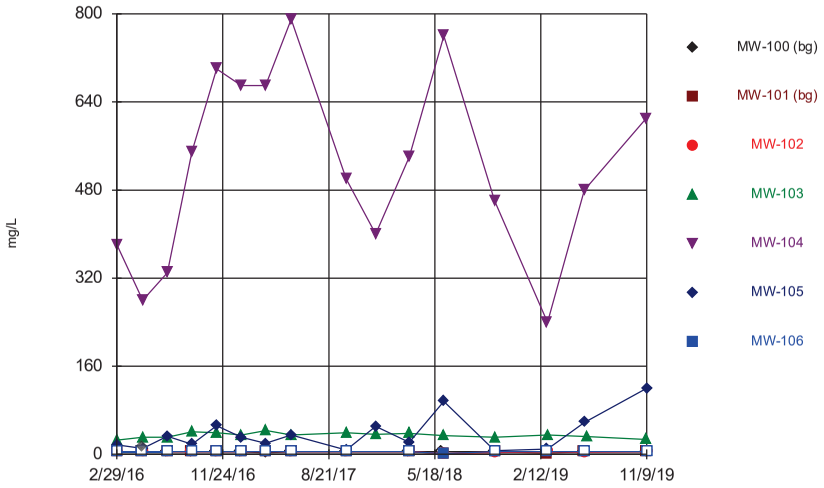
Time Series



Constituent: Selenium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

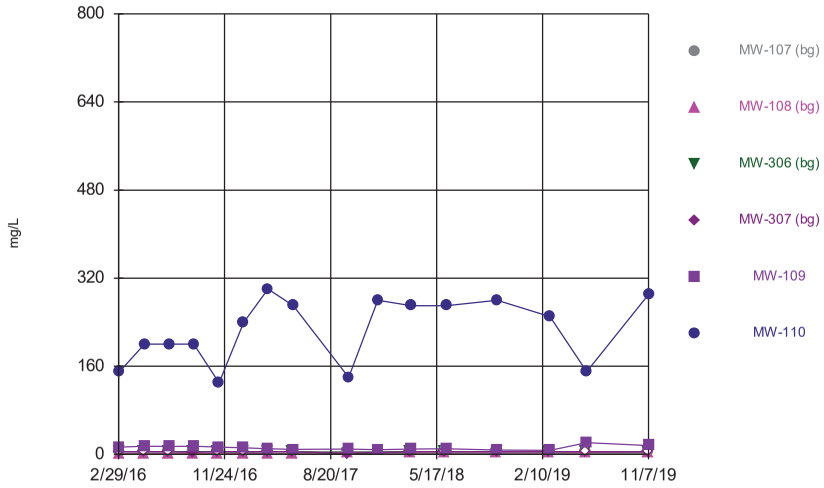
Time Series



Constituent: Sulfate Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

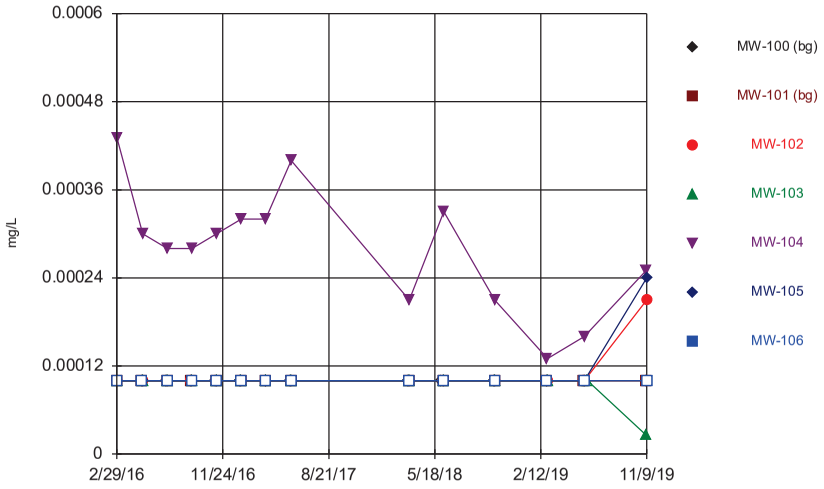
Time Series



Constituent: Sulfate Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

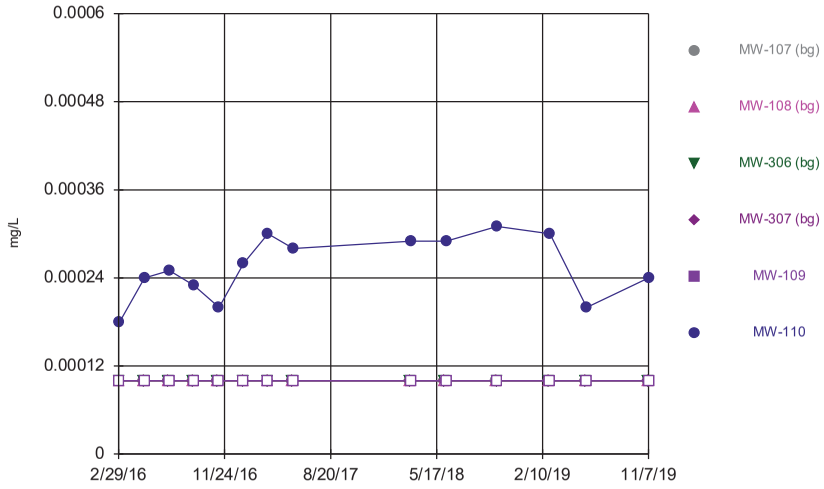
Time Series



Constituent: Thallium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

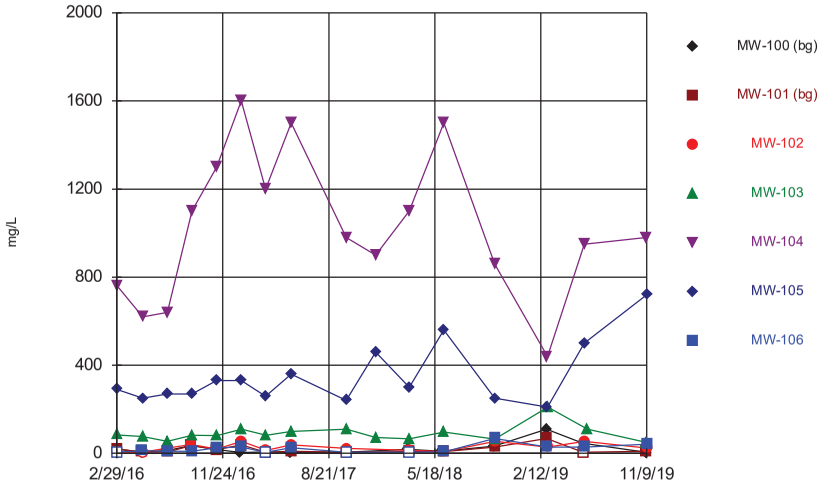
Time Series



Constituent: Thallium Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

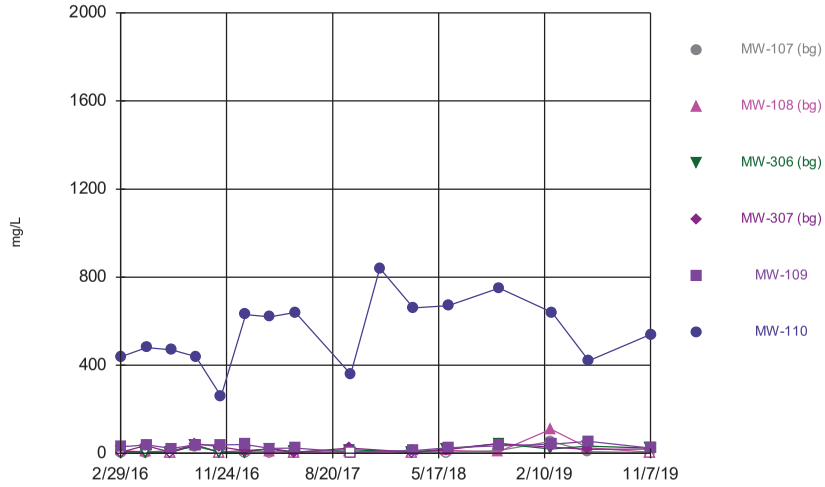
Time Series



Constituent: Total Dissolved Solids Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 3/9/2020 7:45 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
5/2/2016	<0.0025							<0.0025	<0.0025
5/4/2016		<0.0025					<0.0025		
5/5/2016			<0.0025	<0.0025	<0.0025	<0.0025			
7/5/2016	<0.0025							<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025	<0.0025	<0.0025			
7/8/2016		<0.0025					<0.0025		
9/6/2016	<0.0025	<0.0025	<0.0025					<0.0025	<0.0025
9/7/2016				<0.0025	<0.0025	<0.0025	<0.0025		
11/7/2016	<0.0025							<0.0025	<0.0025
11/9/2016					<0.0025	<0.0025	<0.0025		
11/10/2016		<0.0025	<0.0025	<0.0025					
1/9/2017	<0.0025							<0.0025	<0.0025
1/11/2017		<0.0025			<0.0025	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025					
3/13/2017	<0.0025							<0.0025	<0.0025
3/14/2017		<0.0025			<0.0025	<0.0025	<0.0025		
3/15/2017			<0.0025	<0.0025					
5/15/2017	<0.0025							<0.0025	<0.0025
5/18/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/12/2018	<0.0025							<0.0025	<0.0025
3/14/2018		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
6/5/2018	<0.0025							<0.0025	<0.0025
6/10/2018		<0.0025			<0.0025	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025					
10/16/2018	<0.0025							<0.0025	<0.0025
10/18/2018		<0.0025							
2/27/2019	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2019					<0.0025	<0.0025	<0.0025		
3/2/2019			<0.0025	<0.0025					

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0025	<0.0025		
3/2/2016			<0.0025	<0.0025
5/2/2016		<0.0025		
5/3/2016	<0.0025			
5/5/2016			<0.0025	<0.0025
7/5/2016	<0.0025	<0.0025		
7/7/2016			<0.0025	<0.0025
9/6/2016	<0.0025	<0.0025		
9/7/2016			<0.0025	<0.0025
11/7/2016	<0.0025	<0.0025		
11/10/2016			<0.0025	<0.0025
1/9/2017	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025
3/13/2017	<0.0025	<0.0025		
3/14/2017			<0.0025	
3/15/2017				<0.0025
5/15/2017	<0.0025	<0.0025		
5/18/2017			<0.0025	<0.0025
3/12/2018	<0.0025	<0.0025		
3/14/2018			<0.0025	<0.0025
6/6/2018	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025
10/17/2018	<0.0025	<0.0025		
2/27/2019	<0.0025	<0.0025		
3/1/2019			<0.0025	<0.0025

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.00025	<0.00025						<0.00025	<0.00025
3/1/2016			<0.00025	<0.00025	0.0085	0.0039 (J)	<0.00025		
5/2/2016	<0.00025							<0.00025	<0.00025
5/4/2016		<0.00025					<0.00025		
5/5/2016			<0.00025	<0.00025	0.0077	0.0039			
7/5/2016	<0.00025							<0.00025	<0.00025
7/7/2016			<0.00025	<0.00025	0.0082	0.0037			
7/8/2016		<0.00025					<0.00025		
9/6/2016	<0.00025	<0.00025	<0.00025					<0.00025	<0.00025
9/7/2016				<0.00025	0.012	0.0032	<0.00025		
11/7/2016	<0.00025							<0.00025	<0.00025
11/9/2016					0.0071	0.0038	<0.00025		
11/10/2016		<0.00025	0.0005 (J)	0.00051 (J)					
1/9/2017	<0.00025							<0.00025	<0.00025
1/11/2017		<0.00025			0.0071	0.0035	<0.00025		
1/12/2017			<0.00025	<0.00025					
3/13/2017	0.00069 (J)							<0.00025	0.00069 (J)
3/14/2017		<0.00025			0.0067	0.0036	<0.00025		
3/15/2017			<0.00025	<0.00025					
5/15/2017	<0.00025							<0.00025	<0.00025
5/18/2017		<0.00025	<0.00025	<0.00025	0.0087	0.0036	<0.00025		
3/12/2018	<0.00025							<0.00025	<0.00025
3/14/2018		<0.00025	<0.00025	<0.00025	0.0027	0.0039	<0.00025		
6/5/2018	<0.00025							<0.00025	<0.00025
6/10/2018		0.00046 (J)			0.0047	0.0034	<0.00025		
6/11/2018			<0.00025	<0.00025					
10/16/2018	<0.00025							<0.00025	<0.00025
10/18/2018		<0.00025		<0.00025	0.0019	0.0044	<0.00025		
10/19/2018			<0.00025						
2/27/2019	<0.00025	<0.00025						<0.00025	<0.00025
3/1/2019					<0.00025	0.0047	<0.00025		
3/2/2019			<0.00025	<0.00025					
5/31/2019	<0.00025	<0.00025						<0.00025	<0.00025
6/3/2019			<0.00025		0.003	0.0045	<0.00025		
6/11/2019				<0.00025					
11/6/2019	0.0002 (J)	0.00019 (J)						0.0002 (J)	0.00012 (J)
11/7/2019				0.00019 (J)	8.9E-05 (J)				
11/9/2019			<0.00025			0.0045	<0.00025		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.00025	0.00038 (J)		
3/2/2016			<0.00025	<0.00025
5/2/2016		0.00073 (J)		
5/3/2016	<0.00025			
5/5/2016			<0.00025	0.00061 (J)
7/5/2016	<0.00025	0.00077 (J)		
7/7/2016			<0.00025	<0.00025
9/6/2016	<0.00025	0.0013		
9/7/2016			<0.00025	<0.00025
11/7/2016	<0.00025	<0.00025		
11/10/2016			<0.00025	0.00047 (J)
1/9/2017	<0.00025	0.00053 (J)		
1/12/2017			<0.00025	<0.00025
3/13/2017	<0.00025	<0.00025		
3/14/2017			<0.00025	
3/15/2017				<0.00025
5/15/2017	<0.00025	<0.00025		
5/18/2017			<0.00025	0.00051 (J)
3/12/2018	<0.00025	<0.00025		
3/14/2018			<0.00025	0.00056 (J)
6/6/2018	<0.00025	<0.00025		
6/11/2018			<0.00025	0.0005 (J)
10/17/2018	<0.00025	<0.00025		
10/18/2018			<0.00025	<0.00025
2/27/2019	<0.00025	<0.00025		
3/1/2019			<0.00025	<0.00025
5/31/2019	<0.00025	<0.00025		
6/3/2019			<0.00025	<0.00025
11/6/2019	0.00014 (J)	0.00024 (J)		
11/7/2019			0.00025 (V)	0.0002 (J)

Time Series

Constituent: Barium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	0.014	0.0097 (J)						0.013	0.013
3/1/2016			0.0081 (J)	0.055	0.017	0.043	0.016		
5/2/2016	0.013							0.013	0.01
5/4/2016		0.0095					0.012		
5/5/2016			0.011	0.056	0.018	0.033			
7/5/2016	0.013							0.013	0.0089
7/7/2016			0.012	0.055	0.02	0.042			
7/8/2016		0.0093					0.015		
9/6/2016	0.016	0.011	0.012					0.013	0.01
9/7/2016				0.07	0.027	0.043	0.012		
11/7/2016	0.014							0.013	0.0096
11/9/2016					0.022	0.046	0.01		
11/10/2016		0.0092	0.0099	0.061					
1/9/2017	0.015							0.012	0.011
1/11/2017		0.0092			0.03	0.042	0.01		
1/12/2017			0.0085	0.058					
3/13/2017	0.015							0.013	0.011
3/14/2017		0.0095			0.02	0.038	0.0097		
3/15/2017			0.009	0.07					
5/15/2017	0.015							0.011	0.0089
5/18/2017		0.0095	0.0095	0.068	0.027	0.051	0.01		
3/12/2018	0.017							0.013	0.01
3/14/2018		0.0089	0.0084	0.052	0.025	0.038	0.0096		
6/5/2018	0.018							0.014	0.011
6/10/2018		0.0092			0.025	0.055	0.0089		
6/11/2018			0.0089	0.053					
10/16/2018	0.017							0.011	0.011
10/18/2018		0.0089		0.052	0.021	0.035	0.0096		
10/19/2018			0.0085						
2/27/2019	0.021	0.011						0.014	0.011
3/1/2019					0.018	0.032	0.0095		
3/2/2019			0.01	0.011					
5/31/2019	0.02	0.0088						0.013	0.01
6/3/2019			0.012		0.031	0.05	0.0098		
6/11/2019				0.043					
11/6/2019	0.019	0.0094						0.012	0.0097
11/7/2019				0.04	0.02				
11/9/2019			0.011			0.06	0.011		

Time Series

Constituent: Barium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.012	0.015		
3/2/2016			0.022	0.058
5/2/2016		0.013		
5/3/2016	0.012			
5/5/2016			0.02	0.05
7/5/2016	0.011	0.017		
7/7/2016			0.021	0.044
9/6/2016	0.012	0.017		
9/7/2016			0.023	0.051
11/7/2016	0.012	0.023		
11/10/2016			0.019	0.046
1/9/2017	0.013	0.016		
1/12/2017			0.018	0.047
3/13/2017	0.013	0.016		
3/14/2017			0.02	
3/15/2017				0.046
5/15/2017	0.012	0.015		
5/18/2017			0.019	0.045
3/12/2018	0.013	0.015		
3/14/2018			0.017	0.036
6/6/2018	0.014	0.017		
6/11/2018			0.016	0.036
10/17/2018	0.012	0.016		
10/18/2018			0.019	0.035
2/27/2019	0.015	0.018		
3/1/2019			0.018	0.036
5/31/2019	0.014	0.016		
6/3/2019			0.017	0.04
11/6/2019	0.013	0.017		
11/7/2019			0.019	0.027

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2016			<0.0005	<0.0005	0.0013 (J)	<0.0005	<0.0005		
5/2/2016	<0.0005							<0.0005	<0.0005
5/4/2016		<0.0005					<0.0005		
5/5/2016			<0.0005	<0.0005	0.00088 (J)	<0.0005			
7/5/2016	<0.0005							<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005	0.001 (J)	<0.0005			
7/8/2016		<0.0005					<0.0005		
9/6/2016	<0.0005	<0.0005	<0.0005					<0.0005	<0.0005
9/7/2016				<0.0005	0.00078 (J)	<0.0005	<0.0005		
11/7/2016	<0.0005							<0.0005	<0.0005
11/9/2016					0.0012 (J)	<0.0005	<0.0005		
11/10/2016		<0.0005	<0.0005	<0.0005					
1/9/2017	<0.0005							<0.0005	<0.0005
1/11/2017		<0.0005			0.0014 (J)	<0.0005	<0.0005		
1/12/2017			<0.0005	<0.0005					
3/13/2017	<0.0005							<0.0005	<0.0005
3/14/2017		<0.0005			0.0013 (J)	<0.0005	<0.0005		
3/15/2017			<0.0005	<0.0005					
5/15/2017	<0.0005							<0.0005	<0.0005
5/18/2017		<0.0005	<0.0005	<0.0005	0.0016 (J)	<0.0005	<0.0005		
3/12/2018	<0.0005							<0.0005	<0.0005
3/14/2018		<0.0005	<0.0005	<0.0005	0.0011 (J)	<0.0005	<0.0005		
6/5/2018	<0.0005							<0.0005	<0.0005
6/10/2018		<0.0005			0.0011 (J)	<0.0005	<0.0005		
6/11/2018			<0.0005	<0.0005					
10/16/2018	<0.0005							<0.0005	<0.0005
10/18/2018		<0.0005		<0.0005	0.00084 (J)	<0.0005	<0.0005		
10/19/2018			<0.0005						
2/27/2019	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2019					0.00057 (J)	<0.0005	<0.0005		
3/2/2019			<0.0005	<0.0005					
5/31/2019	<0.0005	<0.0005						<0.0005	<0.0005
6/3/2019			<0.0005		0.00074 (J)	<0.0005	<0.0005		
6/11/2019				<0.0005					
11/6/2019	9E-05 (J)	4.7E-05 (J)						6.6E-05 (J)	<0.0005
11/7/2019				<0.0005	0.00065				
11/9/2019			<0.0005			<0.0005	<0.0005		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0005	<0.0005		
3/2/2016			<0.0005	<0.0005
5/2/2016		<0.0005		
5/3/2016	<0.0005			
5/5/2016			<0.0005	<0.0005
7/5/2016	<0.0005	<0.0005		
7/7/2016			<0.0005	<0.0005
9/6/2016	<0.0005	<0.0005		
9/7/2016			<0.0005	<0.0005
11/7/2016	<0.0005	<0.0005		
11/10/2016			<0.0005	<0.0005
1/9/2017	<0.0005	<0.0005		
1/12/2017			<0.0005	<0.0005
3/13/2017	<0.0005	<0.0005		
3/14/2017			<0.0005	
3/15/2017				<0.0005
5/15/2017	<0.0005	<0.0005		
5/18/2017			<0.0005	<0.0005
3/12/2018	<0.0005	<0.0005		
3/14/2018			<0.0005	<0.0005
6/6/2018	<0.0005	<0.0005		
6/11/2018			<0.0005	<0.0005
10/17/2018	<0.0005	<0.0005		
10/18/2018			<0.0005	<0.0005
2/27/2019	<0.0005	<0.0005		
3/1/2019			<0.0005	<0.0005
5/31/2019	<0.0005	<0.0005		
6/3/2019			<0.0005	<0.0005
11/6/2019	<0.0005	<0.0005		
11/7/2019			<0.0005	8.4E-05 (J)

Time Series

Constituent: Boron (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.05	<0.05						<0.05	<0.05
3/1/2016			<0.05	<0.05 (*)	8.7	<0.05 (*)	<0.05		
5/2/2016	<0.05							<0.05	<0.05
5/4/2016		<0.05					<0.05 (*)		
5/5/2016			<0.05	<0.05 (*)	7.8	<0.05 (*)			
7/5/2016	<0.05							<0.05	<0.05
7/7/2016			<0.05	0.33	7	1			
7/8/2016		<0.05					<0.05		
9/6/2016	<0.05	<0.05	<0.05					<0.05	<0.05
9/7/2016				0.37	12	0.53	0.022 (J)		
11/7/2016	<0.05							<0.05	<0.05
11/9/2016					9.6	1.6	<0.05		
11/10/2016		<0.05	<0.05	0.43					
1/9/2017	<0.05							<0.05	<0.05
1/11/2017		<0.05			11	0.9	<0.05		
1/12/2017			<0.05	0.44					
3/13/2017	<0.05							<0.05	0.022 (J)
3/14/2017		<0.05			10	0.63	0.071		
3/15/2017			<0.05	0.46					
5/15/2017	<0.05							<0.05	<0.05
5/18/2017		<0.05	<0.05	0.44	15	1.5	<0.05 (*)		
10/2/2017	<0.05							<0.05	0.023 (J)
10/5/2017		<0.05			12	0.32	<0.05		
10/6/2017			<0.05	0.37					
12/19/2017				0.35 (R)	11 (R)	1.6 (R)			
3/12/2018	<0.05							<0.05	<0.05
3/14/2018		<0.05	<0.05	0.32	11	0.7	<0.05		
6/5/2018	<0.05							<0.05	<0.05
6/10/2018		<0.05			12	2.4	0.066		
6/11/2018			<0.05	0.26					
10/16/2018	<0.05							<0.05	<0.05
10/18/2018		0.081		0.25	9.6	0.43	0.067		
10/19/2018			0.34						
2/27/2019	<0.05	<0.05						<0.05	<0.05
3/1/2019					6.5	0.4	0.048 (J)		
3/2/2019			<0.05	<0.05					
5/31/2019	<0.05	<0.05						<0.05	<0.05
6/3/2019			0.17		11	1.7	<0.05		
6/11/2019				0.39					
11/6/2019	0.017 (V)	0.016 (V)						0.016 (V)	0.022 (V)
11/7/2019				0.19	11				
11/9/2019			0.023 (J)			1.8	0.097 (V)		

Time Series

Constituent: Boron (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.05	<0.05		
3/2/2016			<0.05 (*)	3
5/2/2016		<0.05		
5/3/2016	<0.05			
5/5/2016			<0.05 (*)	2.9
7/5/2016	<0.05	<0.05		
7/7/2016			0.1	3
9/6/2016	<0.05	<0.05		
9/7/2016			0.073	3.8
11/7/2016	<0.05	<0.05		
11/10/2016			0.073	2.1
1/9/2017	<0.05	<0.05		
1/12/2017			0.059	4
3/13/2017	<0.05	<0.05		
3/14/2017			0.044 (J)	
3/15/2017				4.2
5/15/2017	<0.05	<0.05		
5/18/2017			<0.05 (*)	4.4
10/2/2017	<0.05	<0.05		
10/5/2017			0.047 (J)	
10/6/2017				2.3
12/19/2017				5.3 (R)
3/12/2018	<0.05	<0.05		
3/14/2018			<0.05	4.6
6/6/2018	<0.05	<0.05		
6/11/2018			0.11	4.2
10/17/2018	<0.05	<0.05		
10/18/2018			0.15	4.3
2/27/2019	<0.05	<0.05		
3/1/2019			0.23	3.8
5/31/2019	<0.05	<0.05		
6/3/2019			0.45	3
11/6/2019	0.011 (V)	0.0099 (J)		
11/7/2019			0.42	4.2

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2016			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
5/2/2016	<0.0005							<0.0005	<0.0005
5/4/2016		<0.0005					<0.0005		
5/5/2016			<0.0005	<0.0005	<0.0005	<0.0005			
7/5/2016	<0.0005							<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005	<0.0005	<0.0005			
7/8/2016		<0.0005					<0.0005		
9/6/2016	<0.0005	<0.0005	<0.0005					<0.0005	<0.0005
9/7/2016				<0.0005	<0.0005	<0.0005	<0.0005		
11/7/2016	<0.0005							<0.0005	<0.0005
11/9/2016					<0.0005	<0.0005	<0.0005		
11/10/2016		<0.0005	<0.0005	<0.0005					
1/9/2017	<0.0005							<0.0005	<0.0005
1/11/2017		<0.0005			0.00049 (J)	<0.0005	<0.0005		
1/12/2017			<0.0005	<0.0005					
3/13/2017	<0.0005							<0.0005	<0.0005
3/14/2017		<0.0005			<0.0005	<0.0005	<0.0005		
3/15/2017			<0.0005	<0.0005					
5/15/2017	<0.0005							<0.0005	<0.0005
5/18/2017		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
3/12/2018	<0.0005							<0.0005	<0.0005
3/14/2018		<0.0005	<0.0005	<0.0005	0.00052 (J)	<0.0005	<0.0005		
6/5/2018	<0.0005							<0.0005	<0.0005
6/10/2018		<0.0005			0.00049 (J)	<0.0005	<0.0005		
6/11/2018			<0.0005	<0.0005					
10/16/2018	<0.0005							<0.0005	<0.0005
10/18/2018		<0.0005		<0.0005	0.00044 (J)	<0.0005	<0.0005		
10/19/2018			<0.0005						
2/27/2019	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2019					0.00038 (J)	<0.0005	<0.0005		
3/2/2019			<0.0005	<0.0005					
5/31/2019	<0.0005	<0.0005						<0.0005	<0.0005
6/3/2019			<0.0005		0.0006 (J)	<0.0005	<0.0005		
6/11/2019				<0.0005					
11/6/2019	<0.0005	<0.0005						<0.0005	<0.0005
11/7/2019				<0.0005	0.00075				
11/9/2019			<0.0005			<0.0005	<0.0005		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0005	<0.0005		
3/2/2016			<0.0005	<0.0005
5/2/2016		<0.0005		
5/3/2016	<0.0005			
5/5/2016			<0.0005	<0.0005
7/5/2016	<0.0005	<0.0005		
7/7/2016			<0.0005	<0.0005
9/6/2016	<0.0005	<0.0005		
9/7/2016			<0.0005	<0.0005
11/7/2016	<0.0005	<0.0005		
11/10/2016			<0.0005	<0.0005
1/9/2017	<0.0005	<0.0005		
1/12/2017			<0.0005	<0.0005
3/13/2017	<0.0005	<0.0005		
3/14/2017			<0.0005	
3/15/2017				<0.0005
5/15/2017	<0.0005	<0.0005		
5/18/2017			<0.0005	<0.0005
3/12/2018	<0.0005	<0.0005		
3/14/2018			<0.0005	<0.0005
6/6/2018	<0.0005	<0.0005		
6/11/2018			<0.0005	<0.0005
10/17/2018	<0.0005	<0.0005		
10/18/2018			<0.0005	<0.0005
2/27/2019	<0.0005	<0.0005		
3/1/2019			<0.0005	<0.0005
5/31/2019	<0.0005	<0.0005		
6/3/2019			<0.0005	<0.0005
11/6/2019	<0.0005	<0.0005		
11/7/2019			7.8E-05 (J)	0.00032 (J)

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	1	1 (J)						0.67	1.4
3/1/2016			0.99 (J)	5.6	46	63	1.8		
5/2/2016	0.78							0.58	1.1
5/4/2016		0.62					1.1		
5/5/2016			1.2	5.4	37	58			
7/5/2016	0.65							0.43	0.94
7/7/2016			1.1	3.9	38	55			
7/8/2016		0.4					0.82		
9/6/2016	0.7	0.45	1					0.48	1
9/7/2016				4.2	55	59	0.57		
11/7/2016	0.8							0.56	1.2
11/9/2016					52	61	0.62		
11/10/2016		0.44	0.73	3.5					
1/9/2017	0.74							0.43	1.2
1/11/2017		0.42			56	66	0.44		
1/12/2017			0.63	3.3					
3/13/2017	0.78							0.48	1.3
3/14/2017		0.42			55	63	0.46		
3/15/2017			0.72	4.1					
5/15/2017	0.76							0.37	1
5/18/2017		0.38	0.71	3.9	61	68	0.41		
10/2/2017	0.78							0.47	1.2
10/5/2017		0.39			55	58	0.39		
10/6/2017			0.56	4.3					
12/19/2017				3.7 (R)	47 (R)	69 (R)			
3/12/2018	0.88							0.49	1.4
3/14/2018		0.49	0.63	3.9	55	62	0.47		
6/5/2018	0.9							0.49	1.2
6/10/2018		0.39			67	86	0.39		
6/11/2018			0.55	3.5					
10/16/2018	0.86							0.42	1.4
10/18/2018		0.41		3.1	52	63	0.47		
10/19/2018			0.37						
2/27/2019	0.96	0.44						0.56	1.3
3/1/2019					28	51	0.46		
3/2/2019			0.57	0.56					
5/31/2019	0.76	0.28						0.33	1.1
6/3/2019			2		49	65	0.38		
6/11/2019				3.5					
11/6/2019	0.88	0.46						0.49	1.2
11/7/2019				3.4	62				
11/9/2019			0.61 (V)			84	0.56 (V)		

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.6	1.5		
3/2/2016			2	23
5/2/2016		0.83		
5/3/2016	0.55			
5/5/2016			2.6	21
7/5/2016	0.53	1.6		
7/7/2016			2.9	20
9/6/2016	0.5	1.6		
9/7/2016			3.1	20
11/7/2016	0.68	1.5		
11/10/2016			2.7	8.7
1/9/2017	0.56	0.98		
1/12/2017			2.9	27
3/13/2017	0.62	0.75		
3/14/2017			3.1	
3/15/2017				32
5/15/2017	0.58	0.83		
5/18/2017			3	30
10/2/2017	0.62	0.83		
10/5/2017			3.7	
10/6/2017				15
12/19/2017			3.1 (R)	41 (R)
3/12/2018	0.59	0.71		
3/14/2018			3.1	35
6/6/2018	0.59	0.68		
6/11/2018			2.6	30
10/17/2018	0.54	0.66		
10/18/2018			2.8	38
2/27/2019	0.63	0.7		
3/1/2019			3.1	28
5/31/2019	0.45	0.52		
6/3/2019			3.9	13
11/6/2019	0.55	0.74		
11/7/2019			4.3	32

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	5.3	5.4						8.1	7.4
3/1/2016			4.8	6.6	90	36	4.4		
5/2/2016	4.4							6	6.3
5/4/2016		4.5					3		
5/5/2016			5.6	6.5	63	34			
7/5/2016	4.2							5.2	4.8
7/7/2016			5	7.3	75	34			
7/8/2016		4.9					3.5		
9/6/2016	4.3	4.3	4.8					5.5	6
9/7/2016				7.4	140	33	3.3		
11/7/2016	4.2							5.4	5.7
11/9/2016					180	38	3.9		
11/10/2016		4.5	4.7	8.4					
1/9/2017	5.3							6.1	6.8
1/11/2017		5.3			200	34	4.1		
1/12/2017			5.6	9.2					
3/13/2017	5.2							5.5	6.8
3/14/2017		5.5			150	35	4		
3/15/2017			5.9	9.5					
5/15/2017	4.8							4.7	6.1
5/18/2017		5	5.7	9.9	190	60	4		
10/2/2017	5.5							6.1	6
10/5/2017		5.6			120	33	4.5		
10/6/2017			6	10					
12/19/2017				9.3 (R)	84 (R)	120 (R)			
3/12/2018	5.3							6.1	5.9
3/14/2018		5.2	5.2	7.7	160	45	3.7		
6/5/2018	5.3							5.5	6.5
6/10/2018		5.2			190	140	3.6		
6/11/2018			4.9	8					
10/16/2018	5.5							5.1	5.9
10/18/2018		5.2		12	100	32	5		
10/19/2018			6.7						
2/27/2019	4.6	5.1						5	4.3
3/1/2019					42	30	1.7 (J)		
3/2/2019			4.4	8.5					
5/31/2019	5.1	5						5.4	4.5
6/3/2019			13		110	86	3.3		
6/11/2019				17					
11/6/2019	5.8	6						6.1	5.7
11/7/2019				15	120				
11/9/2019			6.1			200	4.7		

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	5.6	4		
3/2/2016			5	87
5/2/2016		3.6		
5/3/2016	5.1			
5/5/2016			6.8	87
7/5/2016	4.7	3.6		
7/7/2016			6.7	83
9/6/2016	4.4	4		
9/7/2016			4.8	80
11/7/2016	4.6	4.4		
11/10/2016			4.2	35
1/9/2017	5.3	4.4		
1/12/2017			4.4	130
3/13/2017	5.6	4.1		
3/14/2017			4.4	
3/15/2017				150
5/15/2017	5.2	3.7		
5/18/2017			5	140
10/2/2017	5.5	4.8		
10/5/2017			5.8	
10/6/2017				62
12/19/2017				180 (R)
3/12/2018	5.6	4		
3/14/2018			6.9	140
6/6/2018	5.6	4.1		
6/11/2018			6	140
10/17/2018	5.5	3.7		
10/18/2018			7.5	160
2/27/2019	5.1	4		
3/1/2019			7.2	140
5/31/2019	5.4	3.7		
6/3/2019			8.5	79
11/6/2019	5.9	4.7		
11/7/2019			18	120

Time Series

Constituent: Chromium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2016			<0.0005	<0.0005	<0.0005	0.0023 (J)	<0.0005		
5/2/2016	0.0029							0.0019 (J)	0.0034
5/4/2016		<0.0005					<0.0005		
5/5/2016			<0.0005	<0.0005	0.0014 (J)	<0.0005			
7/5/2016	<0.0005							0.0051	0.0059
7/7/2016			<0.0005	<0.0005	0.0014 (J)	0.002 (J)			
7/8/2016		<0.0005					<0.0005		
9/6/2016	<0.0005	<0.0005	<0.0005					<0.0005	<0.0005
9/7/2016				<0.0005	0.0019 (J)	0.0029	<0.0005		
11/7/2016	<0.0005							<0.0005	<0.0005
11/9/2016					0.0023 (J)	0.0025	<0.0005		
11/10/2016		<0.0005	<0.0005	<0.0005					
1/9/2017	<0.0005							0.017 (o)	<0.0005
1/11/2017		<0.0005			0.0024 (J)	0.002 (J)	<0.0005		
1/12/2017			<0.0005	<0.0005					
3/13/2017	<0.0005							<0.0005	<0.0005
3/14/2017		<0.0005			0.0023 (J)	0.0025	<0.0005		
3/15/2017			<0.0005	<0.0005					
5/15/2017	<0.0005							<0.0005	<0.0005
5/18/2017		<0.0005	<0.0005	<0.0005	0.0023 (J)	0.002 (J)	<0.0005		
3/12/2018	<0.0005							<0.0005	<0.0005
3/14/2018		<0.0005	<0.0005	<0.0005	0.0023 (J)	0.0022 (J)	<0.0005		
6/5/2018	<0.0005							<0.0005	<0.0005
6/10/2018		<0.0005			0.0022 (J)	0.002 (J)	<0.0005		
6/11/2018			<0.0005	<0.0005					
10/16/2018	<0.0005							<0.0005	<0.0005
10/18/2018		<0.0005		<0.0005	0.0016 (J)	0.0029	<0.0005		
10/19/2018			<0.0005						
2/27/2019	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2019					<0.0005	0.0026	<0.0005		
3/2/2019			0.0028	0.0052					
5/31/2019	<0.0005	<0.0005						<0.0005	<0.0005
6/3/2019			<0.0005		0.0015 (J)	0.0022 (J)	<0.0005		
6/11/2019				0.0011 (J)					
11/6/2019	<0.0005	<0.0005						<0.0005	<0.0005
11/7/2019				0.00028 (J)	<0.0005				
11/9/2019			0.00037 (J)			0.0022 (J)	<0.0005		

Time Series

Constituent: Chromium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0005	0.00056 (J)		
3/2/2016			<0.0005	<0.0005
5/2/2016		0.0021 (J)		
5/3/2016	0.0012 (J)			
5/5/2016			<0.0005	<0.0005
7/5/2016	<0.0005	<0.0005		
7/7/2016			<0.0005	<0.0005
9/6/2016	<0.0005	<0.0005		
9/7/2016			<0.0005	<0.0005
11/7/2016	<0.0005	<0.0005		
11/10/2016			<0.0005	<0.0005
1/9/2017	<0.0005	<0.0005		
1/12/2017			<0.0005	<0.0005
3/13/2017	<0.0005	<0.0005		
3/14/2017			<0.0005	
3/15/2017				<0.0005
5/15/2017	<0.0005	<0.0005		
5/18/2017			<0.0005	<0.0005
3/12/2018	<0.0005	<0.0005		
3/14/2018			<0.0005	<0.0005
6/6/2018	<0.0005	<0.0005		
6/11/2018			<0.0005	<0.0005
10/17/2018	<0.0005	<0.0005		
10/18/2018			<0.0005	<0.0005
2/27/2019	<0.0005	<0.0005		
3/1/2019			<0.0005	<0.0005
5/31/2019	<0.0005	<0.0005		
6/3/2019			<0.0005	<0.0005
11/6/2019	<0.0005	<0.0005		
11/7/2019			<0.0005	0.00042 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	0.00039 (J)	<0.0025						0.00064 (J)	0.00023 (J)
3/1/2016			<0.0025	0.001 (J)	0.017	<0.0025	0.0007 (J)		
5/2/2016	0.0013 (J)							0.0014 (J)	0.00092 (J)
5/4/2016		<0.0025					0.001 (J)		
5/5/2016			<0.0025	0.00064 (J)	0.012	<0.0025			
7/5/2016	0.00049 (J)							0.0027	0.0032
7/7/2016			<0.0025	<0.0025	0.012	<0.0025			
7/8/2016		<0.0025					0.00057 (J)		
9/6/2016	0.00062 (J)	0.00042 (J)	<0.0025					0.00062 (J)	<0.0025
9/7/2016				0.00044 (J)	0.018	<0.0025	0.00061 (J)		
11/7/2016	0.00049 (J)							0.00058 (J)	<0.0025
11/9/2016					0.022	<0.0025	0.00055 (J)		
11/10/2016		<0.0025	<0.0025	<0.0025					
1/9/2017	0.00045 (J)							0.00059 (J)	<0.0025
1/11/2017		<0.0025			0.025	<0.0025	0.00045 (J)		
1/12/2017			<0.0025	<0.0025					
3/13/2017	0.00048 (J)							0.0005 (J)	<0.0025
3/14/2017		<0.0025			0.019	<0.0025	0.00059 (J)		
3/15/2017			<0.0025	<0.0025					
5/15/2017	0.00052 (J)							0.00046 (J)	<0.0025
5/18/2017		<0.0025	<0.0025	<0.0025	0.023	<0.0025	0.00059 (J)		
3/12/2018	0.00055 (J)							0.00055 (J)	<0.0025
3/14/2018		<0.0025	<0.0025	<0.0025	0.014	<0.0025	0.00044 (J)		
6/5/2018	0.00051 (J)							0.00052 (J)	<0.0025
6/10/2018		<0.0025			0.029	<0.0025	0.0004 (J)		
6/11/2018			<0.0025	<0.0025					
10/16/2018	0.00058 (J)							0.00045 (J)	<0.0025
10/18/2018		<0.0025		<0.0025	0.016	<0.0025	<0.0025		
10/19/2018			<0.0025						
2/27/2019	0.00065 (J)	<0.0025						0.00056 (J)	<0.0025
3/1/2019					0.009	<0.0025	<0.0025		
3/2/2019			<0.0025	0.00041 (J)					
5/31/2019	0.00046 (J)	<0.0025						<0.0025	<0.0025
6/3/2019			<0.0025		0.015	<0.0025	<0.0025		
6/11/2019				<0.0025					
11/6/2019	0.00056 (J)	0.00033 (J)						0.00048 (J)	0.00019 (J)
11/7/2019				0.00015 (J)	0.022				
11/9/2019			0.00016 (J)			0.00087 (J)	0.00036 (J)		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.00064 (J)	0.00071 (J)		
3/2/2016			0.00075 (J)	0.0047 (J)
5/2/2016		0.001 (J)		
5/3/2016	0.00079 (J)			
5/5/2016			0.0042	0.0047
7/5/2016	<0.0025	0.00055 (J)		
7/7/2016			0.0043	0.0041
9/6/2016	0.00094 (J)	0.00057 (J)		
9/7/2016			0.0049	0.0047
11/7/2016	0.00041 (J)	0.00047 (J)		
11/10/2016			0.004	0.0043
1/9/2017	0.00074 (J)	0.00054 (J)		
1/12/2017			0.0045	0.0048
3/13/2017	0.00091 (J)	0.0004 (J)		
3/14/2017			0.0039	
3/15/2017				0.0066
5/15/2017	0.00075 (J)	0.00046 (J)		
5/18/2017			0.005	0.0065
3/12/2018	0.00044 (J)	<0.0025		
3/14/2018			0.0038	0.012
6/6/2018	0.0004 (J)	0.00048 (J)		
6/11/2018			0.0044	0.0096
10/17/2018	<0.0025	0.00043 (J)		
10/18/2018			0.0036	0.025
2/27/2019	<0.0025	0.00045 (J)		
3/1/2019			0.0052	0.02
5/31/2019	<0.0025	<0.0025		
6/3/2019			0.0071	0.0053
11/6/2019	0.00029 (J)	0.00094 (J)		
11/7/2019			0.0085	0.019

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	1.27	1.09						1.42	2.4
3/1/2016			0.996	5.24	11.8	4.21	0.872		
5/2/2016	0.808							1.03	1.62
5/4/2016		0.848					<5		
5/5/2016			2.82	4.13	9.43	2.24			
7/5/2016	0.947							0.961	1.01
7/7/2016			1.58	7.01	13.8	3.28			
7/8/2016		1.46					1.02		
9/6/2016	1.07	1.34	1.46					1.07	1.8
9/7/2016				7.94	13.7	2.83	0.826		
11/7/2016	0.602							0.818	1.86
11/9/2016					16.9	4.28	1.17		
11/10/2016		1.23	1.92	7					
1/9/2017	0.865							0.934	2.25
1/11/2017		1.11			24.9	4.62	0.924		
1/12/2017			1.48	7.87					
3/13/2017	0.693							0.937	1.87
3/14/2017		1.01			15.5	2.28	0.889		
3/15/2017			1.41	7.1					
5/15/2017	0.786							0.685	1.4
5/18/2017		0.745	1.23	7.26	19.8	3	0.338		
3/12/2018	0.933							1.09	1.97
3/14/2018		0.614	1.64	7.02	13.1	2.82	0.789		
6/5/2018	0.713							0.927	2.17
6/10/2018		0.959			19.1	6.2	0.852		
6/11/2018			1.51	5.54					
10/16/2018	2.14							1.07	2.2
10/18/2018		0.944		5.59	12.1	2.89	1.05		
10/19/2018			1						
2/27/2019	0.651	0.827						0.912	1.8
3/1/2019					10.4	2.89	1.01		
3/2/2019			1.5	1.69					
5/31/2019	1.33	0.99						1.24	1.8
6/3/2019			2.67		19.1	4.84	1.33		
6/11/2019				5.8					
11/6/2019	1.32	0.892						0.509 (U)	2.32
11/7/2019				4.83	20.8				
11/9/2019			1.31			6.06	0.663		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.647	<5		
3/2/2016			2.39	7.8
5/2/2016		<5		
5/3/2016	0.748			
5/5/2016			1.54	5.51
7/5/2016	0.591	<5		
7/7/2016			2.17	7.65
9/6/2016	0.831	0.566		
9/7/2016			2.24	5.9
11/7/2016	0.983	0.784		
11/10/2016			2.69	5.04
1/9/2017	0.767	0.541		
1/12/2017			1.81	9.04
3/13/2017	1.26	0.442		
3/14/2017			1.74	
3/15/2017				6.46
5/15/2017	0.553	0.345		
5/18/2017			1.7	8.31
3/12/2018	0.783	0.848		
3/14/2018			1.99	7.06
6/6/2018	1.08	0.78		
6/11/2018			1.59	7.06
10/17/2018	1.19	0.88		
10/18/2018			1.77	7.22
2/27/2019	0.741	0.431		
3/1/2019			1.51	5.59
5/31/2019	0.759	0.884		
6/3/2019			0.42 (U)	4.73
11/6/2019	0.105 (U)	0.366 (U)		
11/7/2019			3.07	5.46

Time Series

Constituent: Field pH (SU) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	5.11	5.26						5.11	4.9
3/1/2016			5.03	5.86	4.09	6.12	5.84		
5/2/2016	4.76							4.77	4.69
5/4/2016		5.1					5.69		
5/5/2016			5.03	5.77	4.12	6.25			
7/5/2016	5.12							5.48	7.11 (o)
7/7/2016			4.85	5.45	3.99	5.99			
7/8/2016		4.96					5.49		
9/6/2016	5.11	5.43	4.84					5.12	5.19
9/7/2016				5.01	4.06	6.03	5.22		
11/7/2016	4.76							4.73	4.64
11/9/2016					4.05	6.01	5.39		
11/10/2016		4.89	4.72	4.99					
1/9/2017	4.99							5	4.94
1/11/2017		4.87			4.01	6.04	5.12		
1/12/2017			4.79	4.95					
3/13/2017	4.57							4.74	4.63
3/14/2017		4.71			4.06	6.11	5.05		
3/15/2017			4.81	5.03					
5/15/2017	4.6							4.63	4.52
5/18/2017		4.5	4.5	4.75	3.65	5.88	4.68		
10/2/2017	4.64							4.63	4.54
10/5/2017		4.63			3.79	6.07	4.77		
10/6/2017			4.56	5.07					
12/19/2017				5.1 (R)	4.1 (R)	6.11 (R)			
3/12/2018	4.85							4.81	4.81
3/14/2018		5.14	5.08	4.89	4.2	6.29	5.28		
6/5/2018	4.92							5.04	4.9
6/10/2018		5.12			3.97	5.96	4.99		
6/11/2018			4.81	5.02					
10/16/2018	4.93							4.98	4.81
10/18/2018		4.97		4.93	4.12	6.19	5.07		
10/19/2018			5.15						
2/27/2019	4.75	4.84						4.78	4.71
3/1/2019					4.19	6.27	5.13		
3/2/2019			4.81	5.58					
5/31/2019	4.9	4.92						4.92	4.84
6/3/2019			4.7		4.17	6.23	5.12		
6/11/2019				4.97					
11/6/2019	4.82	4.94						4.88	4.78
11/7/2019				4.99	4.03				
11/9/2019			4.78			6.19	5.06		

Time Series

Constituent: Field pH (SU) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	5.08	6.37		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016		5.605 (D)		
5/3/2016	5.14			
5/5/2016			4.87	5.04
7/5/2016	5.38	6.29		
7/7/2016			4.86	5.55
9/6/2016	5.37	6.42		
9/7/2016			4.72	4.86
11/7/2016	4.92	5.75		
11/10/2016			4.72	5.19
1/9/2017	5.05	5.98		
1/12/2017			4.67	4.84
3/13/2017	4.87	5.81		
3/14/2017			4.77	
3/15/2017				4.86
5/15/2017	4.69	5.42		
5/18/2017			4.43	4.59
10/2/2017	4.88	5.63		
10/5/2017			4.52	
10/6/2017				5.73
12/19/2017			4.76 (R)	4.84 (R)
3/12/2018	5.07	5.6		
3/14/2018			4.71	4.75
6/6/2018	5.09	5.58		
6/11/2018			4.78	4.77
10/17/2018	4.99	5.54		
10/18/2018			4.76	4.73
2/27/2019	4.87	5.4		
3/1/2019			4.85	4.76
5/31/2019	4.89	5.45		
6/3/2019			4.75	5.56
11/6/2019	5.04	5.52		
11/7/2019			4.78	4.74

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.1	<0.1						<0.1	<0.1
3/1/2016			<0.1	0.037 (J)	0.46	0.041 (J)	<0.1		
5/2/2016	<0.1							<0.1	<0.1
5/4/2016		<0.1					<0.1		
5/5/2016			<0.1	<0.1	0.27	<0.1			
7/5/2016	<0.1							<0.1	<0.1
7/7/2016			<0.1	<0.1	0.29	<0.1			
7/8/2016		<0.1					<0.1		
9/6/2016	<0.1	<0.1	<0.1					<0.1	<0.1
9/7/2016				<0.1	0.33	<0.1	<0.1		
11/7/2016	<0.1							<0.1	<0.1
11/9/2016					0.29	<0.1	<0.1		
11/10/2016		<0.1	<0.1	<0.1					
1/9/2017	<0.1							<0.1	<0.1
1/11/2017		<0.1			0.42	<0.1	<0.1		
1/12/2017			<0.1	<0.1					
3/13/2017	<0.1							<0.1	<0.1
3/14/2017		<0.1			0.34	<0.1	<0.1		
3/15/2017			<0.1	<0.1					
5/15/2017	<0.1							<0.1	<0.1
5/18/2017		<0.1	<0.1	<0.1	0.47	<0.1	<0.1		
10/2/2017	<0.1							<0.1	<0.1
10/5/2017		<0.1			0.22	<0.1	<0.1		
10/6/2017			<0.1	<0.1					
12/19/2017					0.26 (R)				
3/12/2018	<0.1							<0.1	<0.1
3/14/2018		0.12	<0.1	<0.1	0.3	<0.1	<0.1		
6/5/2018	<0.1							<0.1	<0.1
6/10/2018		<0.1			0.38	<0.1	<0.1		
6/11/2018			<0.1	<0.1					
10/16/2018	<0.1							<0.1	<0.1
10/18/2018		<0.1		<0.1	0.26	0.04 (J)	<0.1		
10/19/2018			<0.1						
2/27/2019	<0.1	<0.1						<0.1	<0.1
3/1/2019					0.1	<0.1	<0.1		
3/2/2019			<0.1	<0.1					
5/31/2019	<0.1	<0.1						<0.1	<0.1
6/3/2019			<0.1		0.22	0.04 (J)	<0.1		
6/11/2019				<0.1					
11/6/2019	<0.1	<0.1						<0.1	<0.1
11/7/2019				<0.1	0.21				
11/9/2019			<0.1			<0.1	<0.1		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.1	0.033 (J)		
3/2/2016			<0.1	0.039 (J)
5/2/2016		<0.1		
5/3/2016	<0.1			
5/5/2016			<0.1	<0.1
7/5/2016	<0.1	<0.1		
7/7/2016			<0.1	<0.1
9/6/2016	<0.1	<0.1		
9/7/2016			<0.1	<0.1
11/7/2016	<0.1	<0.1		
11/10/2016			<0.1	<0.1
1/9/2017	<0.1	<0.1		
1/12/2017			<0.1	<0.1
3/13/2017	<0.1	<0.1		
3/14/2017			<0.1	
3/15/2017				<0.1
5/15/2017	<0.1	<0.1		
5/18/2017			<0.1	<0.1
10/2/2017	<0.1	<0.1		
10/5/2017			<0.1	
10/6/2017				<0.1
3/12/2018	<0.1	<0.1		
3/14/2018			<0.1	<0.1
6/6/2018	<0.1	<0.1		
6/11/2018			<0.1	0.04 (J)
10/17/2018	<0.1	<0.1		
10/18/2018			<0.1	0.04 (J)
2/27/2019	<0.1	<0.1		
3/1/2019			<0.1	<0.1
5/31/2019	<0.1	<0.1		
6/3/2019			<0.1	0.04 (J)
11/6/2019	<0.1	<0.1		
11/7/2019			<0.1	0.04 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.00025	<0.00025						<0.00025	<0.00025
3/1/2016			<0.00025	<0.00025	0.0018 (J)	<0.00025	<0.00025		
5/2/2016	<0.00025							<0.00025	<0.00025
5/4/2016		<0.00025					<0.00025		
5/5/2016			<0.00025	<0.00025	0.0015	<0.00025			
7/5/2016	<0.00025							<0.00025	<0.00025
7/7/2016			<0.00025	<0.00025	0.0018	<0.00025			
7/8/2016		<0.00025					<0.00025		
9/6/2016	<0.00025	<0.00025	<0.00025					<0.00025	<0.00025
9/7/2016				<0.00025	0.0024	<0.00025	<0.00025		
11/7/2016	<0.00025							<0.00025	<0.00025
11/9/2016					0.0023	<0.00025	<0.00025		
11/10/2016		<0.00025	<0.00025	<0.00025					
1/9/2017	<0.00025							<0.00025	<0.00025
1/11/2017		<0.00025			0.0027	<0.00025	<0.00025		
1/12/2017			<0.00025	<0.00025					
3/13/2017	<0.00025							<0.00025	<0.00025
3/14/2017		<0.00025			0.0024	<0.00025	<0.00025		
3/15/2017			<0.00025	<0.00025					
5/15/2017	<0.00025							<0.00025	<0.00025
5/18/2017		<0.00025	<0.00025	<0.00025	0.0029	<0.00025	<0.00025		
3/12/2018	<0.00025							<0.00025	<0.00025
3/14/2018		<0.00025	<0.00025	<0.00025	0.0023	<0.00025	<0.00025		
6/5/2018	<0.00025							<0.00025	<0.00025
6/10/2018		<0.00025			0.0024	<0.00025	<0.00025		
6/11/2018			<0.00025	<0.00025					
10/16/2018	<0.00025							<0.00025	<0.00025
10/18/2018		<0.00025		<0.00025	0.002	<0.00025	0.00039 (J)		
10/19/2018			<0.00025						
2/27/2019	<0.00025	<0.00025						0.001 (J)	<0.00025
3/1/2019					0.0012 (J)	<0.00025	<0.00025		
3/2/2019			<0.00025	<0.00025					
5/31/2019	<0.00025	<0.00025						<0.00025	<0.00025
6/3/2019			<0.00025		0.0018	0.00091 (J)	<0.00025		
6/11/2019				<0.00025					
11/6/2019	0.0001 (J)	<0.00025						6.6E-05 (J)	8.4E-05 (J)
11/7/2019				0.00011 (J)	0.002				
11/9/2019			0.00014 (J)			0.00012 (J)	<0.00025		

Time Series

Constituent: Lead (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.00025	<0.00025		
3/2/2016			<0.00025	<0.00025
5/2/2016		<0.00025		
5/3/2016	<0.00025			
5/5/2016			<0.00025	<0.00025
7/5/2016	<0.00025	<0.00025		
7/7/2016			<0.00025	<0.00025
9/6/2016	<0.00025	<0.00025		
9/7/2016			<0.00025	<0.00025
11/7/2016	<0.00025	<0.00025		
11/10/2016			<0.00025	<0.00025
1/9/2017	<0.00025	<0.00025		
1/12/2017			<0.00025	<0.00025
3/13/2017	<0.00025	<0.00025		
3/14/2017			<0.00025	
3/15/2017				<0.00025
5/15/2017	<0.00025	<0.00025		
5/18/2017			<0.00025	<0.00025
3/12/2018	<0.00025	<0.00025		
3/14/2018			<0.00025	<0.00025
6/6/2018	<0.00025	<0.00025		
6/11/2018			<0.00025	<0.00025
10/17/2018	<0.00025	<0.00025		
10/18/2018			<0.00025	<0.00025
2/27/2019	<0.00025	<0.00025		
3/1/2019			<0.00025	<0.00025
5/31/2019	<0.00025	<0.00025		
6/3/2019			0.00067 (J)	0.00037 (J)
11/6/2019	<0.00025	0.0002 (J)		
11/7/2019			9.4E-05 (J)	0.0003 (J)

Time Series

Constituent: Lithium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.001	<0.001						<0.001	<0.001
3/1/2016			<0.001	<0.001	0.057	<0.001	<0.001		
5/2/2016	<0.001							<0.001	<0.001
5/4/2016		<0.001					<0.001		
5/5/2016			<0.001	<0.001	0.044	<0.001			
7/5/2016	<0.001							<0.001	<0.001
7/7/2016			<0.001	<0.001	0.04	<0.001			
7/8/2016		<0.001					<0.001		
9/6/2016	<0.001	0.0037 (J)	<0.001					<0.001	<0.001
9/7/2016				<0.001	0.033	<0.001	0.0073		
11/7/2016	<0.001							<0.001	<0.001
11/9/2016					0.035	<0.001	<0.001		
11/10/2016		<0.001	<0.001	<0.001					
1/9/2017	<0.001							<0.001	<0.001
1/11/2017		<0.001			0.028	<0.001	<0.001		
1/12/2017			<0.001	<0.001					
3/13/2017	<0.001							<0.001	<0.001
3/14/2017		<0.001			0.037	<0.001	0.0035 (J)		
3/15/2017			<0.001	0.0038 (J)					
5/15/2017	<0.001							<0.001	<0.001
5/18/2017		<0.001	<0.001	<0.001	0.024	<0.001	<0.001		
3/12/2018	0.0011 (J)							0.0014 (J)	<0.001
3/14/2018		<0.001	<0.001	0.002 (J)	0.028	<0.001	<0.001		
6/5/2018	<0.001							0.0012 (J)	<0.001
6/10/2018		<0.001			0.019	<0.001	<0.001		
6/11/2018			<0.001	0.0015 (J)					
10/16/2018	<0.001							0.0015 (J)	0.0013 (J)
10/18/2018		0.0013 (J)		0.0017 (J)	0.022	<0.001	0.0012 (J)		
10/19/2018			0.0012 (J)						
2/27/2019	<0.001	<0.001						<0.001	<0.001
3/1/2019					0.017	<0.001	0.0012 (J)		
3/2/2019			0.0014 (J)	0.0011 (J)					
5/31/2019	0.0021 (J)	0.0013 (J)						0.0017 (J)	0.0017 (J)
6/3/2019			<0.001		0.017	<0.001	<0.001		
6/11/2019				0.0025 (J)					
11/6/2019	0.0011	0.001						0.0011	<0.001
11/7/2019				0.00097 (J)	0.019				
11/9/2019			0.0009 (J)			<0.001	0.00068 (J)		

Time Series

Constituent: Lithium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.001	0.0037		
3/2/2016			0.0095 (J)	0.0082 (J)
5/2/2016		<0.001		
5/3/2016	<0.001			
5/5/2016			0.0059	0.0072
7/5/2016	<0.001	<0.001		
7/7/2016			0.006	0.0092
9/6/2016	<0.001	<0.001		
9/7/2016			0.0049 (J)	0.0069
11/7/2016	<0.001	0.0097 (o)		
11/10/2016			0.0055	0.0045 (J)
1/9/2017	<0.001	<0.001		
1/12/2017			0.0045 (J)	0.0073
3/13/2017	<0.001	<0.001		
3/14/2017			0.0069	
3/15/2017				0.012
5/15/2017	<0.001	<0.001		
5/18/2017			0.0055	0.0084
3/12/2018	<0.001	<0.001		
3/14/2018			0.0059	0.012
6/6/2018	<0.001	0.0021 (J)		
6/11/2018			0.0042 (J)	0.009
10/17/2018	<0.001	0.0012 (J)		
10/18/2018			0.0062	0.011
2/27/2019	<0.001	0.002 (J)		
3/1/2019			0.0054	0.0077
5/31/2019	0.0015 (J)	0.0026 (J)		
6/3/2019			0.0054	0.0082
11/6/2019	0.00063 (J)	0.0012		
11/7/2019			0.0052	0.014

Time Series

Constituent: Mercury (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0002	<0.0002						9.1E-05 (J)	<0.0002
3/1/2016			<0.0002	<0.0002	0.00089	<0.0002	<0.0002		
5/2/2016	<0.0002							7.4E-05 (J)	<0.0002
5/4/2016		<0.0002					<0.0002		
5/5/2016			<0.0002	<0.0002	0.00054	<0.0002			
7/5/2016	<0.0002							<0.0002	<0.0002
7/7/2016			<0.0002	<0.0002 (*)	0.00066 (V)	<0.0002			
7/8/2016		<0.0002 (*)					<0.0002 (*)		
9/6/2016	<0.0002 (*)	<0.0002	<0.0002					<0.0002 (*)	<0.0002
9/7/2016				<0.0002	0.0016	<0.0002	<0.0002		
11/7/2016	<0.0002							<0.0002	<0.0002
11/9/2016					0.0015	<0.0002	<0.0002		
11/10/2016		<0.0002	<0.0002	<0.0002					
1/9/2017	<0.0002 (*)							<0.0002 (*)	<0.0002 (*)
1/11/2017		<0.0002			0.0025	<0.0002	<0.0002		
1/12/2017			<0.0002	<0.0002					
3/13/2017	<0.0002							<0.0002	<0.0002
3/14/2017		<0.0002 (*)			0.0012	<0.0002	<0.0002		
3/15/2017			<0.0002	<0.0002 (*)					
5/15/2017	<0.0002							<0.0002	<0.0002
5/18/2017		<0.0002	<0.0002	<0.0002	0.0014	<0.0002	<0.0002		
3/12/2018	<0.0002							<0.0002	<0.0002
3/14/2018		9.3E-05 (J)	9.4E-05 (J)	0.00012 (J)	0.0011	<0.0002	8E-05 (J)		
6/5/2018	<0.0002							<0.0002	<0.0002
6/10/2018		<0.0002			0.0014	<0.0002	<0.0002		
6/11/2018			<0.0002	<0.0002					
10/16/2018	<0.0002							<0.0002	<0.0002
10/18/2018		<0.0002		<0.0002	0.00087	<0.0002	<0.0002		
10/19/2018			9.4E-05 (J)						
2/27/2019	<0.0002	<0.0002						<0.0002	<0.0002
3/1/2019					0.00077	<0.0002	<0.0002		
3/2/2019			<0.0002	<0.0002					
5/31/2019	<0.0002	<0.0002						<0.0002	<0.0002
6/3/2019			<0.0002		0.00054	<0.0002	<0.0002		
6/11/2019				<0.0002					
11/6/2019	<0.0002	<0.0002						<0.0002	<0.0002
11/7/2019				<0.0002	0.00053				
11/9/2019			<0.0002			<0.0002	<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0002	<0.0002		
3/2/2016			<0.0002	0.007
5/2/2016		<0.0002		
5/3/2016	<0.0002			
5/5/2016			<0.0002	0.006
7/5/2016	<0.0002	<0.0002		
7/7/2016			<0.0002 (*)	0.0053
9/6/2016	<0.0002 (*)	<0.0002 (*)		
9/7/2016			<0.0002	0.0067
11/7/2016	<0.0002	<0.0002		
11/10/2016			<0.0002	0.00014 (J)
1/9/2017	<0.0002 (*)	<0.0002 (*)		
1/12/2017			<0.0002	0.0052
3/13/2017	<0.0002	<0.0002		
3/14/2017			<0.0002	
3/15/2017				0.0048
5/15/2017	<0.0002	<0.0002		
5/18/2017			<0.0002	0.0074
3/12/2018	<0.0002	<0.0002		
3/14/2018			9.7E-05 (J)	0.0059
6/6/2018	<0.0002	<0.0002		
6/11/2018			<0.0002	0.0042
10/17/2018	<0.0002	<0.0002		
10/18/2018			<0.0002	0.0034
2/27/2019	<0.0002	<0.0002		
3/1/2019			<0.0002	0.0041
5/31/2019	<0.0002	<0.0002		
6/3/2019			<0.0002	0.0025
11/6/2019	<0.0002	<0.0002		
11/7/2019			0.0012	0.0034

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.003	<0.003						<0.003	<0.003
3/1/2016			<0.003	<0.003	<0.003	0.004 (J)	<0.003		
5/2/2016	<0.003							<0.003	<0.003
5/4/2016		<0.003					<0.003		
5/5/2016			<0.003	<0.003	<0.003	0.0093 (J)			
7/5/2016	<0.003							<0.003	<0.003
7/7/2016			<0.003	<0.003	<0.003	0.0047 (J)			
7/8/2016		<0.003					<0.003		
9/6/2016	<0.003	<0.003	<0.003					<0.003	<0.003
9/7/2016				<0.003	<0.003	0.004 (J)	<0.003		
11/7/2016	<0.003							<0.003	<0.003
11/9/2016					<0.003	0.0037 (J)	<0.003		
11/10/2016		<0.003	<0.003	<0.003					
1/9/2017	<0.003							<0.003	<0.003
1/11/2017		<0.003			<0.003	0.0052 (J)	<0.003		
1/12/2017			<0.003	<0.003					
3/13/2017	0.0042 (J)							<0.003	0.0022 (J)
3/14/2017		<0.003			<0.003	0.004 (J)	<0.003		
3/15/2017			<0.003	<0.003					
5/15/2017	<0.003							<0.003	<0.003
5/18/2017		<0.003	<0.003	<0.003	<0.003	0.0043 (J)	<0.003		
3/12/2018	<0.003							<0.003	<0.003
3/14/2018		<0.003	<0.003	<0.003	<0.003	0.0054 (J)	<0.003		
6/5/2018	<0.003							0.00088 (J)	<0.003
6/10/2018		<0.003			<0.003	0.0035 (J)	<0.003		
6/11/2018			<0.003	<0.003					
10/16/2018	<0.003							<0.003	<0.003
10/18/2018		<0.003		<0.003	<0.003	0.0032 (J)	<0.003		
10/19/2018			<0.003						
2/27/2019	<0.003	<0.003						<0.003	<0.003
3/1/2019					<0.003	0.0047 (J)	<0.003		
3/2/2019			<0.003	<0.003					
5/31/2019	<0.003	<0.003						<0.003	<0.003
6/3/2019			<0.003		<0.003	0.0033 (J)	<0.003		
6/11/2019				<0.003					
11/6/2019	<0.003	<0.003						<0.003	<0.003
11/7/2019				<0.003	<0.003				
11/9/2019			<0.003			0.0025 (J)	<0.003		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.003	<0.003		
3/2/2016			<0.003	<0.003
5/2/2016		<0.003		
5/3/2016	<0.003			
5/5/2016			<0.003	<0.003
7/5/2016	<0.003	<0.003		
7/7/2016			<0.003	<0.003
9/6/2016	<0.003	<0.003		
9/7/2016			<0.003	<0.003
11/7/2016	<0.003	<0.003		
11/10/2016			<0.003	<0.003
1/9/2017	<0.003	<0.003		
1/12/2017			<0.003	<0.003
3/13/2017	<0.003	<0.003		
3/14/2017			<0.003	
3/15/2017				<0.003
5/15/2017	<0.003	<0.003		
5/18/2017			<0.003	<0.003
3/12/2018	<0.003	<0.003		
3/14/2018			<0.003	<0.003
6/6/2018	<0.003	<0.003		
6/11/2018			<0.003	<0.003
10/17/2018	<0.003	<0.003		
10/18/2018			<0.003	<0.003
2/27/2019	<0.003	<0.003		
3/1/2019			<0.003	<0.003
5/31/2019	<0.003	<0.003		
6/3/2019			<0.003	<0.003
11/6/2019	<0.003	<0.003		
11/7/2019			<0.003	<0.003

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.00025	<0.00025						<0.00025	<0.00025
3/1/2016			<0.00025	0.0028 (J)	0.0054 (J)	<0.00025	<0.00025		
5/2/2016	<0.00025							<0.00025	0.00025 (J)
5/4/2016		<0.00025					<0.00025		
5/5/2016			0.00029 (J)	0.0026	0.0038	0.0003 (J)			
7/5/2016	<0.00025							<0.00025	<0.00025
7/7/2016			<0.00025 (*)	0.0025	0.0043	<0.00025			
7/8/2016		<0.00025					<0.00025		
9/6/2016	0.00049 (J)	<0.00025	<0.00025					<0.00025	0.00027 (J)
9/7/2016				0.0031	0.0099	0.00026 (J)	<0.00025		
11/7/2016	<0.00025							<0.00025	<0.00025
11/9/2016					0.012	0.00038 (J)	<0.00025		
11/10/2016		<0.00025	<0.00025	0.0028					
1/9/2017	<0.00025							<0.00025	<0.00025
1/11/2017		0.00049 (J)			0.022	<0.00025	<0.00025		
1/12/2017			<0.00025	0.0028					
3/13/2017	0.0023							<0.00025	0.0025
3/14/2017		<0.00025			0.011	<0.00025	<0.00025		
3/15/2017			<0.00025	0.0027					
5/15/2017	<0.00025							<0.00025	<0.00025
5/18/2017		<0.00025	<0.00025	0.0036	0.018	<0.00025	<0.00025		
3/12/2018	0.00046 (J)							0.00064 (J)	0.00047 (J)
3/14/2018		0.00067 (J)	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.00025		
6/5/2018	0.00049 (J)							0.00098 (J)	0.00065 (J)
6/10/2018		0.00028 (J)			0.015	0.00043 (J)	<0.00025		
6/11/2018			0.00028 (J)	0.003					
10/16/2018	<0.00025							<0.00025	<0.00025
10/18/2018		<0.00025		0.0016	0.0049	<0.00025	<0.00025		
10/19/2018			<0.00025						
2/27/2019	<0.00025	<0.00025						<0.00025	<0.00025
3/1/2019					0.0026	<0.00025	<0.00025		
3/2/2019			<0.00025	<0.00025					
5/31/2019	<0.00025	<0.00025						<0.00025	<0.00025
6/3/2019			<0.00025		0.0039	<0.00025	<0.00025		
6/11/2019				0.0014					
11/6/2019	<0.00025	<0.00025						<0.00025	0.00034
11/7/2019				0.002	0.0085				
11/9/2019			<0.00025			0.00041	<0.00025		

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.00025	<0.00025		
3/2/2016			<0.00025	0.0025 (J)
5/2/2016		<0.00025		
5/3/2016	<0.00025			
5/5/2016			<0.00025	0.0033
7/5/2016	<0.00025	<0.00025		
7/7/2016			<0.00025	0.0031
9/6/2016	<0.00025	<0.00025		
9/7/2016			<0.00025	0.0034
11/7/2016	<0.00025	<0.00025		
11/10/2016			<0.00025	0.0038
1/9/2017	<0.00025	<0.00025		
1/12/2017			<0.00025	0.0034
3/13/2017	<0.00025	<0.00025		
3/14/2017			<0.00025	
3/15/2017				0.0032
5/15/2017	<0.00025	<0.00025		
5/18/2017			<0.00025	0.0034
3/12/2018	0.00026 (J)	<0.00025		
3/14/2018			<0.00025	0.0038
6/6/2018	0.00025 (J)	0.00026 (J)		
6/11/2018			<0.00025	0.0037
10/17/2018	<0.00025	<0.00025		
10/18/2018			<0.00025	0.0033
2/27/2019	<0.00025	<0.00025		
3/1/2019			<0.00025	0.0033
5/31/2019	<0.00025	<0.00025		
6/3/2019			<0.00025	0.0035
11/6/2019	<0.00025	<0.00025		
11/7/2019			0.00024 (J)	0.0034

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<5	<5						<5	1.6 (J)
3/1/2016			<5	26	380	17	<5		
5/2/2016	15 (o)							<5	2.1 (J)
5/4/2016		<5					<5		
5/5/2016			<5	31	280	11			
7/5/2016	<5							<5	2 (J)
7/7/2016			<5	31	330	33			
7/8/2016		<5					<5		
9/6/2016	<5	<5	<5					<5	1.8 (J)
9/7/2016				41	550	18	<5		
11/7/2016	<5							<5	1.7 (J)
11/9/2016					700	52	<5		
11/10/2016		<5	<5	39					
1/9/2017	<5							2.6 (J)	1.5 (J)
1/11/2017		<5			670	31	<5		
1/12/2017			<5	35					
3/13/2017	2.5 (J)							<5	2.2 (J)
3/14/2017		<5			670	20	<5		
3/15/2017			<5 (*)	43					
5/15/2017	<5							<5	1.9 (J)
5/18/2017		<5 (X)	<5 (X)	35	790	35	<5 (X)		
10/2/2017	<5							<5	3.4 (J)
10/5/2017		<5			500	7.7	<5		
10/6/2017			<5	39					
12/19/2017				36 (R)	400 (R)	51 (R)			
3/12/2018	<5							<5	2.6 (J)
3/14/2018		<5	<5	38	540	22	<5		
6/5/2018	<5							<5	2.6 (J)
6/10/2018		1.5 (J)			760	96	1.4 (J)		
6/11/2018			1.7 (J)	34					
10/16/2018	<5							<5	2.8 (J)
10/18/2018		<5		31	460	6.6	<5		
10/19/2018			3.4 (J)						
2/27/2019	<5	1.9 (J)						<5	2.4 (J)
3/1/2019					240	9.6	<5		
3/2/2019			<5	35					
5/31/2019	<5	<5						<5	3.3 (J)
6/3/2019			3.5 (J)		480	58	<5		
6/11/2019				32					
11/6/2019	<5	<5						<5	3.7 (J)
11/7/2019				27	610				
11/9/2019			<5			120	<5		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<5	<5		
3/2/2016			13	150
5/2/2016		<5		
5/3/2016	<5			
5/5/2016			15	200
7/5/2016	<5	<5		
7/7/2016			14	200
9/6/2016	<5	3.7 (J)		
9/7/2016			15	200
11/7/2016	<5	<5		
11/10/2016			13	130
1/9/2017	<5	<5		
1/12/2017			12	240
3/13/2017	<5	<5		
3/14/2017			10 (V)	
3/15/2017				300
5/15/2017	<5	<5		
5/18/2017			8.7	270
10/2/2017	1.5 (J)	1.7 (J)		
10/5/2017			9.8	
10/6/2017				140
12/19/2017			8.4 (R)	280 (R)
3/12/2018	<5	<5		
3/14/2018			9.7	270
6/6/2018	<5	<5		
6/11/2018			10	270
10/17/2018	<5	<5		
10/18/2018			8.1	280
2/27/2019	<5	<5		
3/1/2019			7.4	250
5/31/2019	<5	<5		
6/3/2019			21	150
11/6/2019	<5	<5		
11/7/2019			16	290

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0001	<0.0001						<0.0001	<0.0001
3/1/2016			<0.0001	<0.0001	0.00043 (J)	<0.0001	<0.0001		
5/2/2016	<0.0001							<0.0001	<0.0001
5/4/2016		<0.0001					<0.0001		
5/5/2016			<0.0001	<0.0001	0.0003 (J)	<0.0001			
7/5/2016	<0.0001							<0.0001	<0.0001
7/7/2016			<0.0001	<0.0001	0.00028 (J)	<0.0001			
7/8/2016		<0.0001					<0.0001		
9/6/2016	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001
9/7/2016				<0.0001	0.00028 (J)	<0.0001	<0.0001		
11/7/2016	<0.0001							<0.0001	<0.0001
11/9/2016					0.0003 (J)	<0.0001	<0.0001		
11/10/2016		<0.0001	<0.0001	<0.0001					
1/9/2017	<0.0001							<0.0001	<0.0001
1/11/2017		<0.0001			0.00032 (J)	<0.0001	<0.0001		
1/12/2017			<0.0001	<0.0001					
3/13/2017	<0.0001							<0.0001	<0.0001
3/14/2017		<0.0001			0.00032 (J)	<0.0001	<0.0001		
3/15/2017			<0.0001	<0.0001					
5/15/2017	<0.0001							<0.0001	<0.0001
5/18/2017		<0.0001	<0.0001	<0.0001	0.0004 (J)	<0.0001	<0.0001		
3/12/2018	<0.0001							<0.0001	<0.0001
3/14/2018		<0.0001	<0.0001	<0.0001	0.00021 (J)	<0.0001	<0.0001		
6/5/2018	<0.0001							<0.0001	<0.0001
6/10/2018		<0.0001			0.00033 (J)	<0.0001	<0.0001		
6/11/2018			<0.0001	<0.0001					
10/16/2018	<0.0001							<0.0001	<0.0001
10/18/2018		<0.0001		<0.0001	0.00021 (J)	<0.0001	<0.0001		
10/19/2018			<0.0001						
2/27/2019	<0.0001	<0.0001						<0.0001	<0.0001
3/1/2019					0.00013 (J)	<0.0001	<0.0001		
3/2/2019			<0.0001	<0.0001					
5/31/2019	<0.0001	<0.0001						<0.0001	<0.0001
6/3/2019			<0.0001		0.00016 (J)	<0.0001	<0.0001		
6/11/2019				<0.0001					
11/6/2019	<0.0001	<0.0001						<0.0001	<0.0001
11/7/2019				2.6E-05 (J)	0.00025				
11/9/2019			0.00021 (J)			0.00024 (J)	<0.0001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0001	<0.0001		
3/2/2016			<0.0001	0.00018 (J)
5/2/2016		<0.0001		
5/3/2016	<0.0001			
5/5/2016			<0.0001	0.00024 (J)
7/5/2016	<0.0001	<0.0001		
7/7/2016			<0.0001	0.00025 (J)
9/6/2016	<0.0001	<0.0001		
9/7/2016			<0.0001	0.00023 (J)
11/7/2016	<0.0001	<0.0001		
11/10/2016			<0.0001	0.0002 (J)
1/9/2017	<0.0001	<0.0001		
1/12/2017			<0.0001	0.00026 (J)
3/13/2017	<0.0001	<0.0001		
3/14/2017			<0.0001	
3/15/2017				0.0003 (J)
5/15/2017	<0.0001	<0.0001		
5/18/2017			<0.0001	0.00028 (J)
3/12/2018	<0.0001	<0.0001		
3/14/2018			<0.0001	0.00029 (J)
6/6/2018	<0.0001	<0.0001		
6/11/2018			<0.0001	0.00029 (J)
10/17/2018	<0.0001	<0.0001		
10/18/2018			<0.0001	0.00031 (J)
2/27/2019	<0.0001	<0.0001		
3/1/2019			<0.0001	0.0003 (J)
5/31/2019	<0.0001	<0.0001		
6/3/2019			<0.0001	0.0002 (J)
11/6/2019	<0.0001	<0.0001		
11/7/2019			<0.0001	0.00024 (J)

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	20	20						<5	12
3/1/2016			<5	84	760	290	<5		
5/2/2016	<5							<5	6
5/4/2016		6					12		
5/5/2016			<5	76	620	250			
7/5/2016	12							14	<5
7/7/2016			24	54	640	270			
7/8/2016		6					10		
9/6/2016	36	36	40					30	38
9/7/2016				82	1100	270	10		
11/7/2016	18							8	<5
11/9/2016					1300	330	26		
11/10/2016		16	20	80					
1/9/2017	4 (J)							<5	14
1/11/2017		38			1600	330	28		
1/12/2017			54	110					
3/13/2017	6							<5	8
3/14/2017		<5			1200	260	<5		
3/15/2017			14	82					
5/15/2017	<5							<5	<5
5/18/2017		10	38	100	1500	360	26		
10/2/2017	<5							<5	6
10/5/2017		<5			980	240	<5		
10/6/2017			22	110					
12/19/2017				72 (R)	900 (R)	460 (R)			
3/12/2018	18							14	<5
3/14/2018		8	14	66	1100	300	<5		
6/5/2018	10							<5	14
6/10/2018		8			1500	560	6		
6/11/2018			8	96					
10/16/2018	32							12	6
10/18/2018		28		64	860	250	68		
10/19/2018			54						
2/27/2019	110	68						54	110
3/1/2019					440	210	28		
3/2/2019			28	210					
5/31/2019	46	<5						8	26
6/3/2019			54		950	500	28		
6/11/2019				110					
11/6/2019	<5	10						4 (J)	<5
11/7/2019				50	980				
11/9/2019			24			720	42		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/9/2020 10:52 AM View: Descriptive - 100 Series

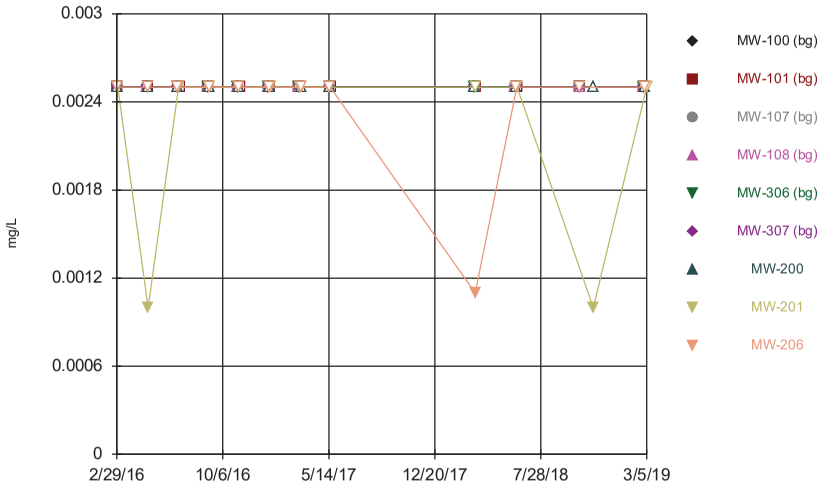
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	10	<5		
3/2/2016			30	440
5/2/2016		36		
5/3/2016	<5			
5/5/2016			38	480
7/5/2016	<5	<5		
7/7/2016			22	470
9/6/2016	36	44		
9/7/2016			38	440
11/7/2016	<5	30		
11/10/2016			38	260
1/9/2017	<5	12		
1/12/2017			40	630
3/13/2017	22	20		
3/14/2017			22	
3/15/2017				620
5/15/2017	6	4 (J)		
5/18/2017			24	640
10/2/2017	16	24		
10/5/2017			<5	
10/6/2017				360
12/19/2017				840 (R)
3/12/2018	<5	<5		
3/14/2018			12	660
6/6/2018	20	16		
6/11/2018			26	670
10/17/2018	44	44		
10/18/2018			34	750
2/27/2019	20	28		
3/1/2019			42	640
5/31/2019	32	18		
6/3/2019			54	420
11/6/2019	24	20		
11/7/2019			24	540

200 Series

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

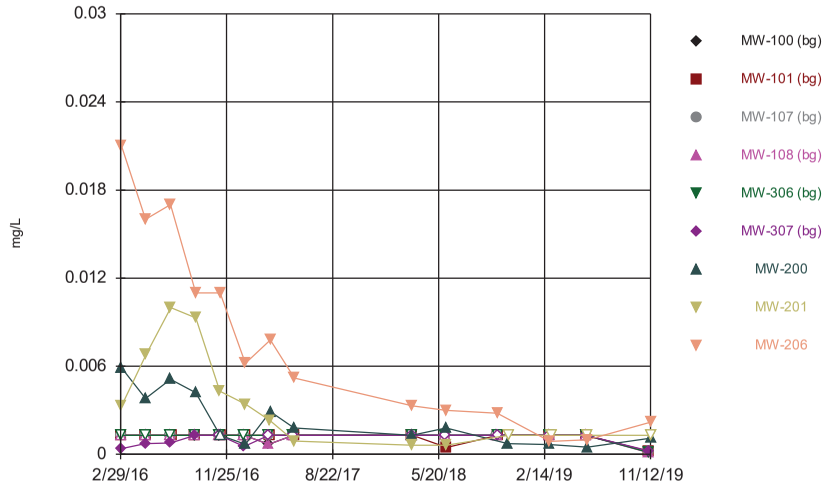
Time Series



Constituent: Antimony Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

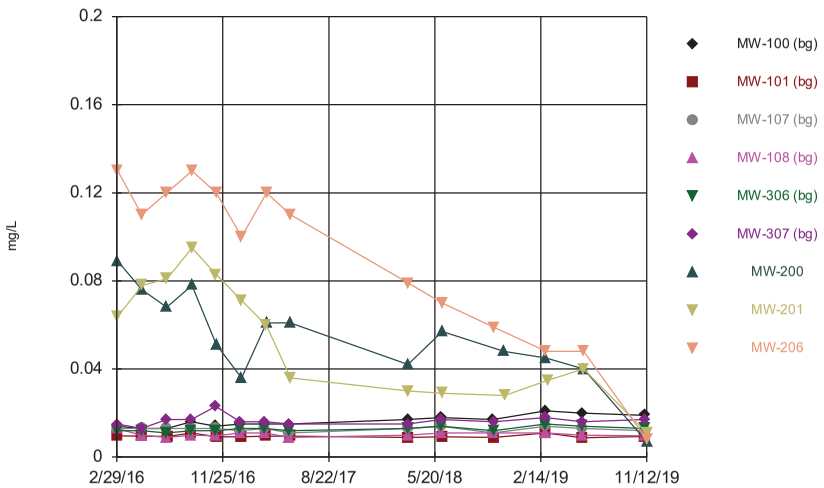
Time Series



Constituent: Arsenic Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

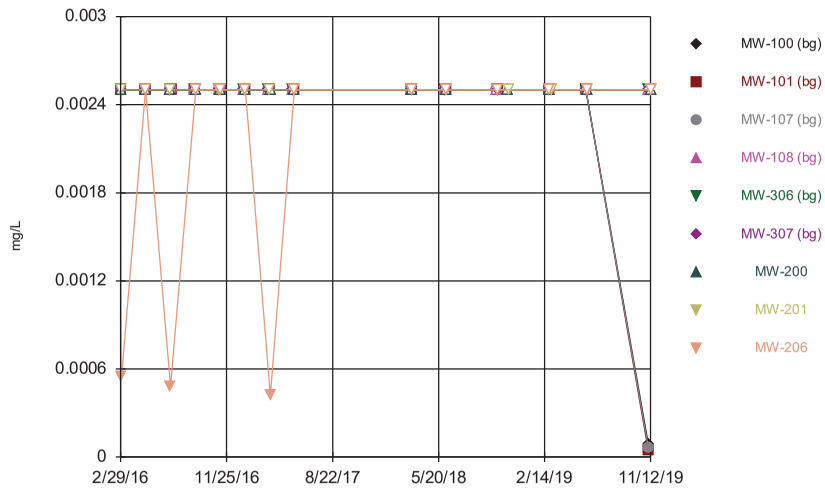
Time Series



Constituent: Barium Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

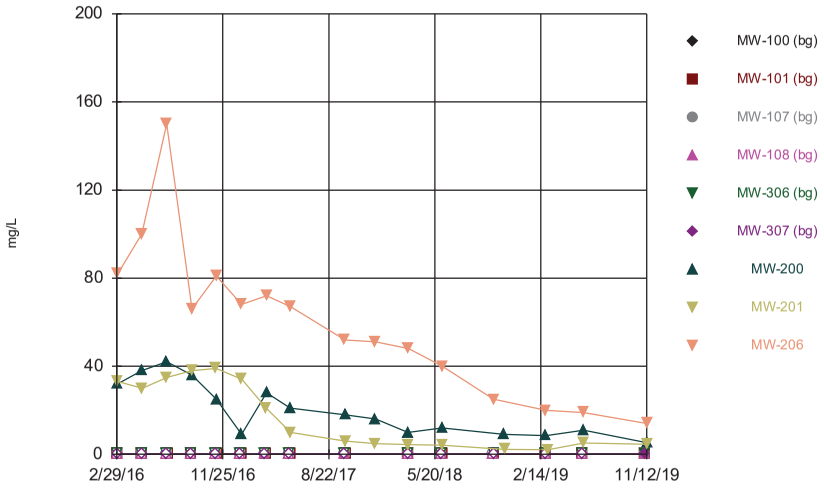
Time Series



Constituent: Beryllium Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

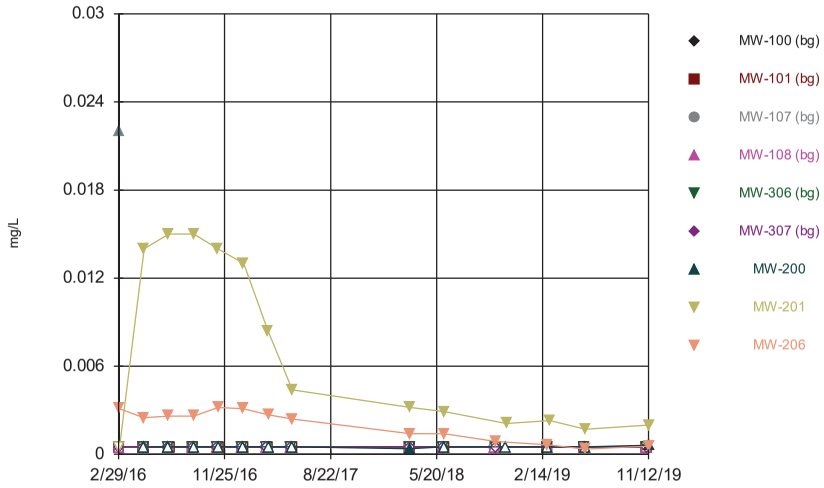
Time Series



Constituent: Boron Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

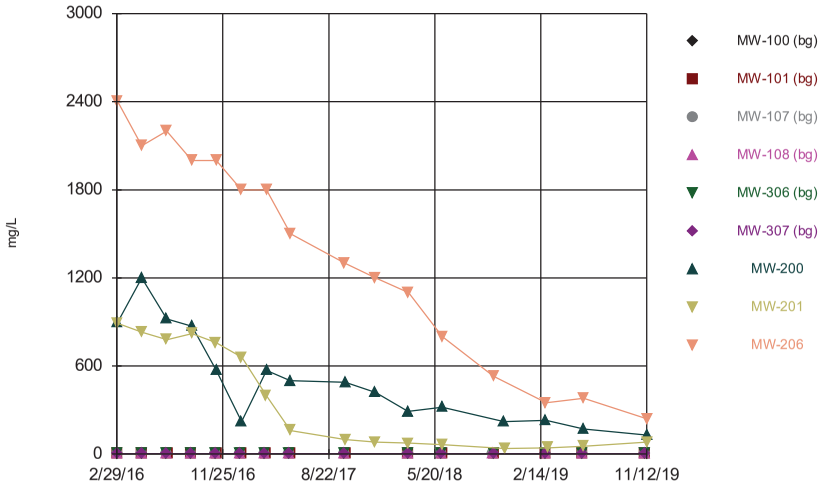
Time Series



Constituent: Cadmium Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

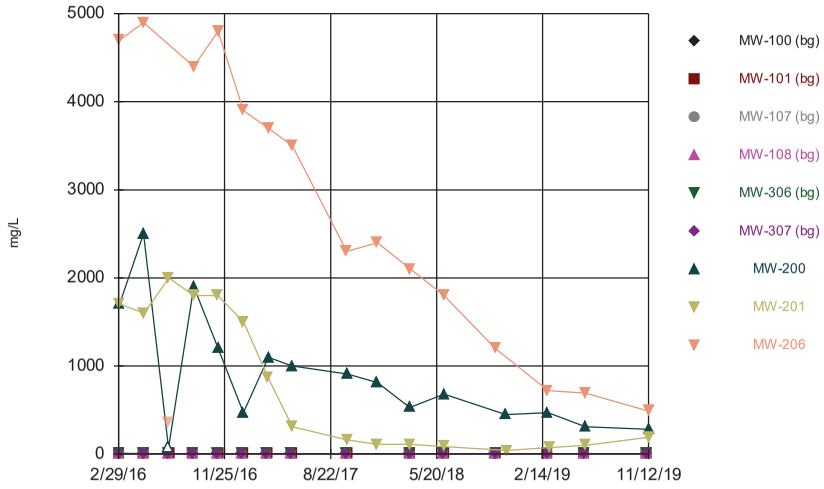
Time Series



Constituent: Calcium Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

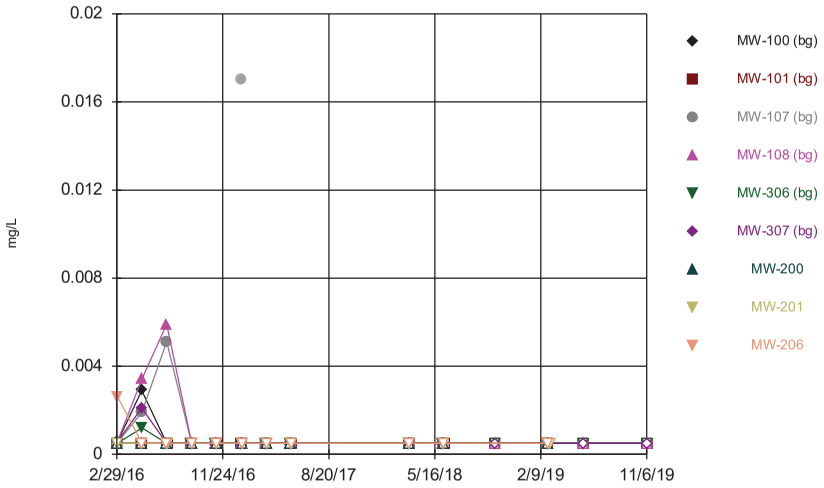
Time Series



Constituent: Chloride Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

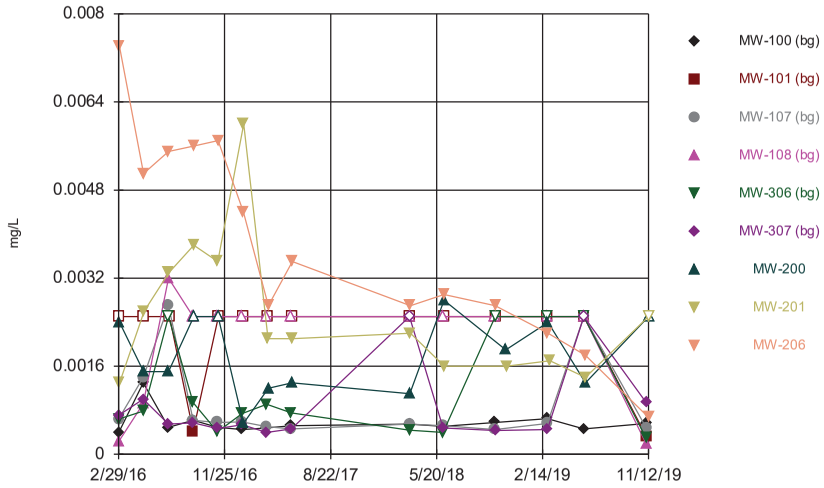
Time Series



Constituent: Chromium Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

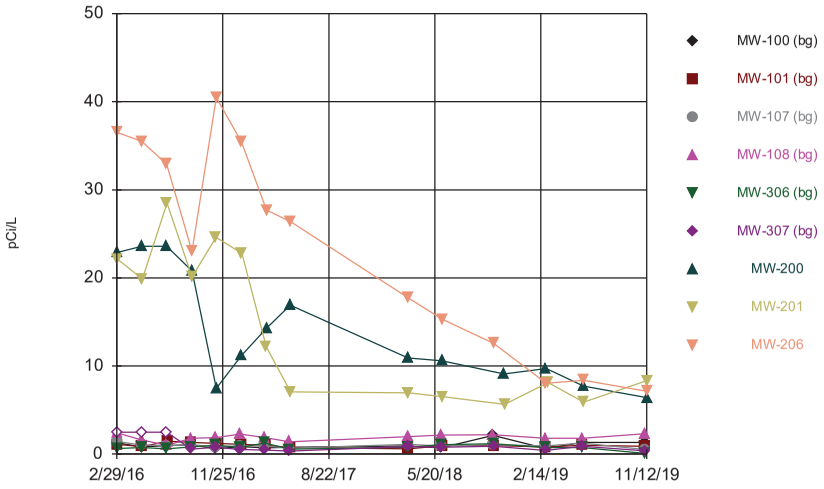
Time Series



Constituent: Cobalt Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

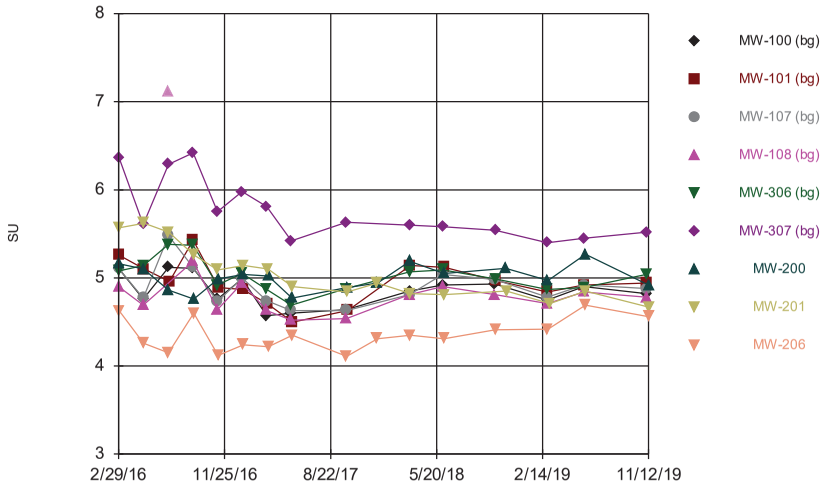
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Serie
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

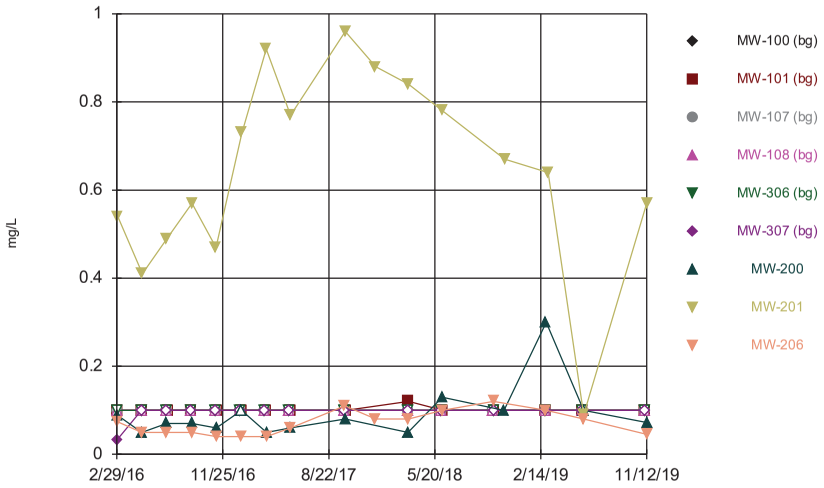
Time Series



Constituent: Field pH Analysis Run 3/9/2020 11:03 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

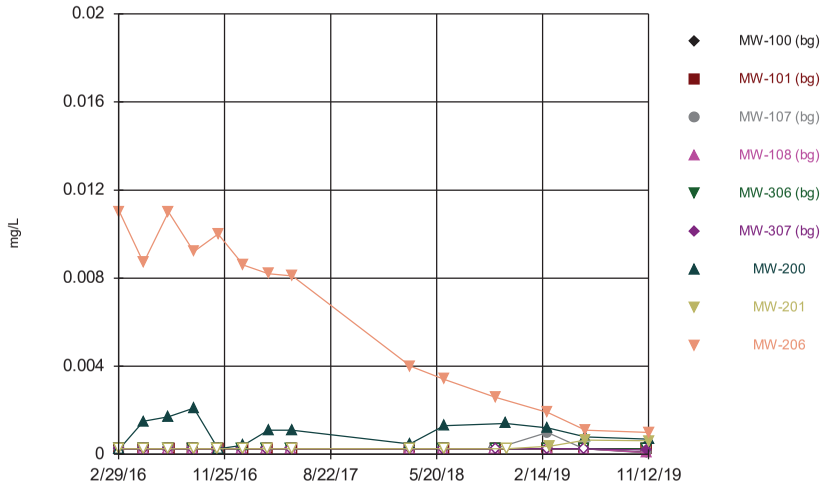
Time Series



Constituent: Fluoride Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

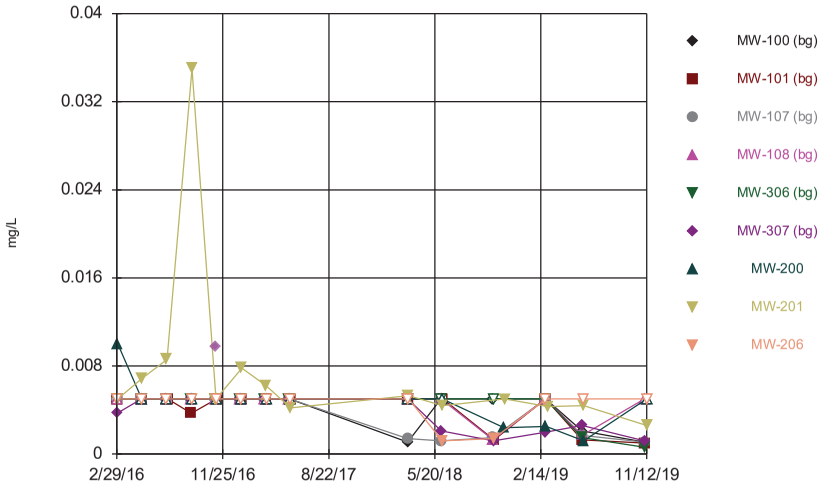
Time Series



Constituent: Lead Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

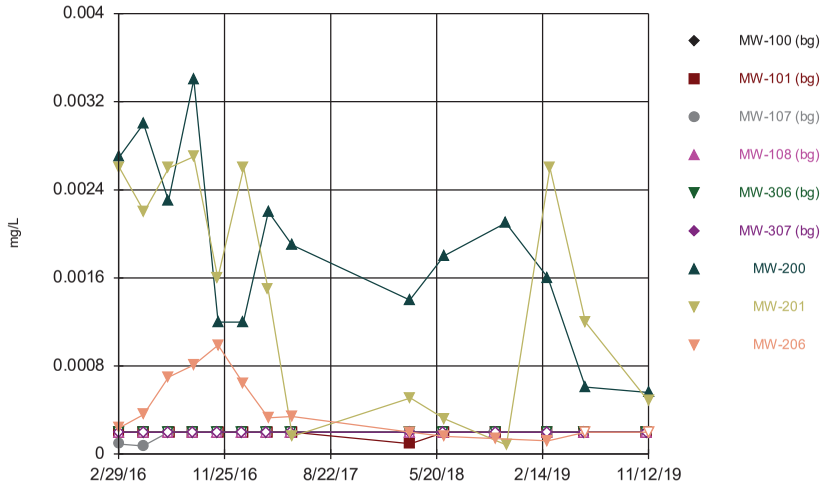
Time Series



Constituent: Lithium Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

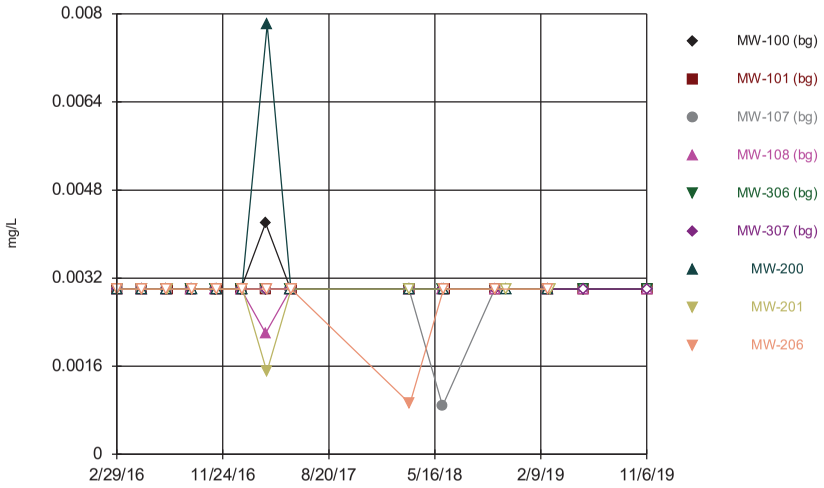
Time Series



Constituent: Mercury Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

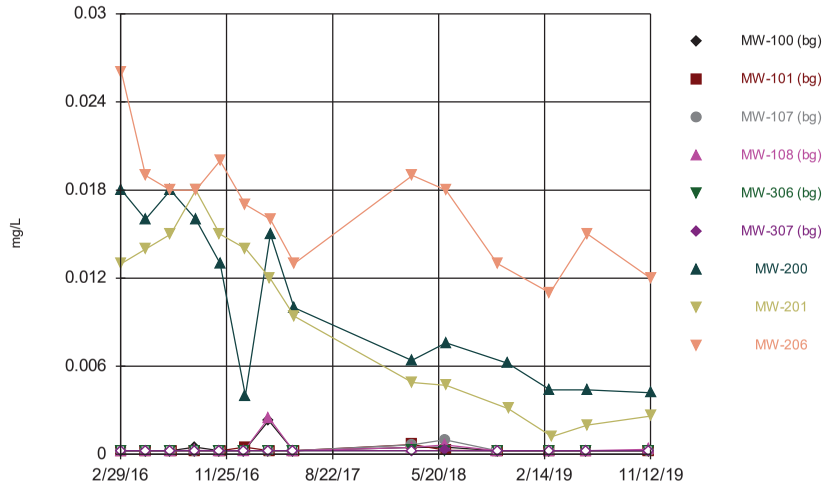
Time Series



Constituent: Molybdenum Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

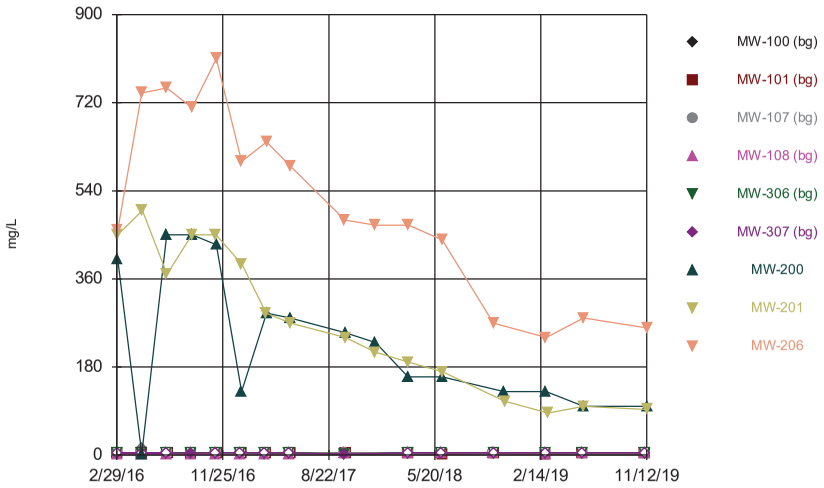
Time Series



Constituent: Selenium Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

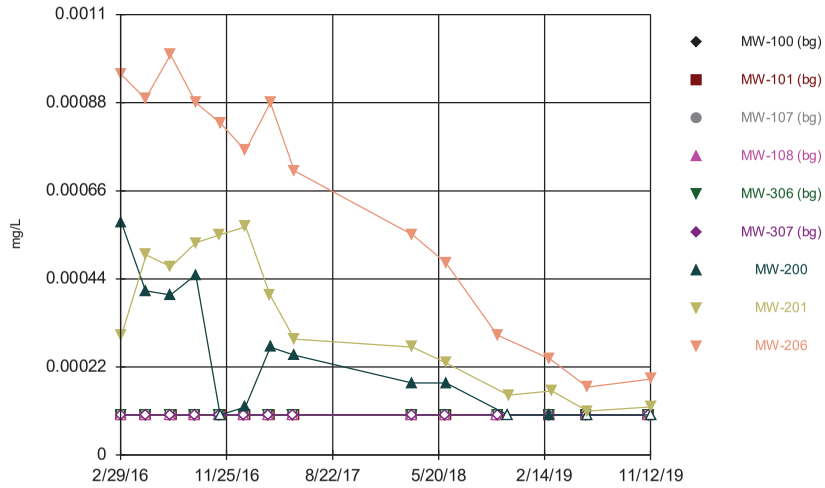
Time Series



Constituent: Sulfate Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

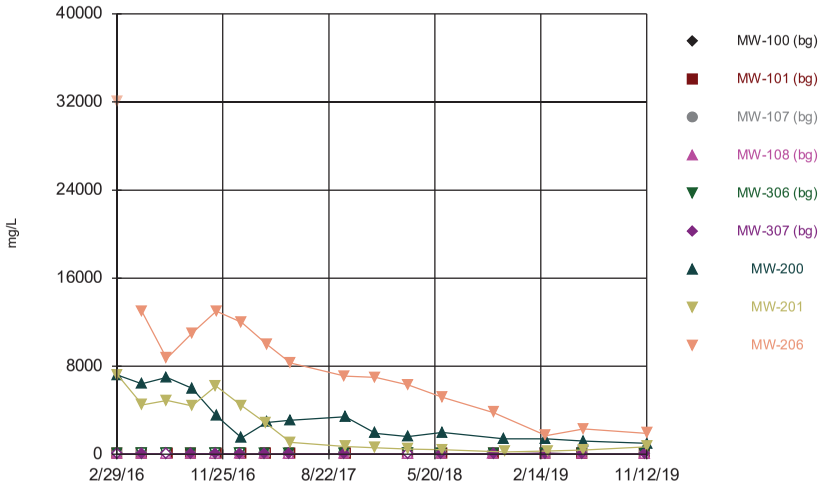
Time Series



Constituent: Thallium Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 3/9/2020 11:04 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/2/2016							<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025		<0.0025		<0.0025
5/4/2016		<0.0025						0.001 (J)	
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
7/6/2016								<0.0025	
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/8/2016							<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016								<0.0025	
11/9/2016							<0.0025		<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/11/2017		<0.0025							
1/12/2017							<0.0025		<0.0025
1/13/2017								<0.0025	
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/16/2017								<0.0025	
3/17/2017							<0.0025		<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
5/16/2017							<0.0025		
5/17/2017								<0.0025	<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025		
3/14/2018		<0.0025						<0.0025	0.0011 (J)
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025			
6/8/2018							<0.0025		<0.0025
6/9/2018								<0.0025	
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			<0.0025
10/18/2018		<0.0025							
11/13/2018							<0.0025		
11/14/2018								0.001 (J)	
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025		<0.0025
3/5/2019								<0.0025	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	0.00038 (J)			
3/2/2016							0.0059 (J)	0.0033 (J)	0.021
5/2/2016	<0.0013		<0.0013	<0.0013		0.00073 (J)			
5/3/2016					<0.0013		0.0038		0.016
5/4/2016		<0.0013						0.0068	
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	0.00077 (J)	0.0051		0.017
7/6/2016								0.01	
7/8/2016		<0.0013							
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013			
9/8/2016							0.0042 (J)	0.0093	0.011
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016								0.0043 (J)	
11/9/2016							<0.0013		0.011
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	0.00053 (J)			
1/11/2017		<0.0013							
1/12/2017							0.00068 (J)		0.0062
1/13/2017								0.0034	
3/13/2017	0.00069 (J)		<0.0013	0.00069 (J)	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/16/2017								0.0023	
3/17/2017							0.0029		0.0078
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
5/16/2017							0.0018		
5/17/2017								0.0009 (J)	0.0052
5/18/2017		<0.0013							
3/12/2018	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/13/2018							0.0013		
3/14/2018		<0.0013						0.00062 (J)	0.0033
6/5/2018	<0.0013		<0.0013	<0.0013					
6/6/2018					<0.0013	<0.0013			
6/8/2018							0.0018		0.003
6/9/2018								0.00063 (J)	
6/10/2018		0.00046 (J)							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013			0.0028
10/18/2018		<0.0013							
11/13/2018							0.00072 (J)		
11/14/2018								<0.0013	
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
2/28/2019							0.00067 (J)		0.00089 (J)
3/5/2019								<0.0013	
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
6/4/2019							0.00048 (J)	<0.0013	0.001 (J)
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)	0.00014 (J)	0.00024 (J)			
11/12/2019							0.0011 (J)	<0.0013	0.0022 (V)

Time Series

Constituent: Barium (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	0.014	0.0097 (J)	0.013	0.013					
3/1/2016					0.012	0.015			
3/2/2016							0.089	0.064	0.13
5/2/2016	0.013		0.013	0.01		0.013			
5/3/2016					0.012		0.076		0.11
5/4/2016		0.0095						0.078	
7/5/2016	0.013		0.013	0.0089	0.011	0.017	0.068		0.12
7/6/2016								0.081	
7/8/2016		0.0093							
9/6/2016	0.016	0.011	0.013	0.01	0.012	0.017			
9/8/2016							0.078	0.095	0.13
11/7/2016	0.014		0.013	0.0096	0.012	0.023			
11/8/2016								0.083	
11/9/2016							0.051		0.12
11/10/2016		0.0092							
1/9/2017	0.015		0.012	0.011	0.013	0.016			
1/11/2017		0.0092							
1/12/2017							0.036		0.1
1/13/2017								0.071	
3/13/2017	0.015		0.013	0.011	0.013	0.016			
3/14/2017		0.0095							
3/16/2017								0.06	
3/17/2017							0.061		0.12
5/15/2017	0.015		0.011	0.0089	0.012	0.015			
5/16/2017							0.061		
5/17/2017								0.036	0.11
5/18/2017		0.0095							
3/12/2018	0.017		0.013	0.01	0.013	0.015			
3/13/2018							0.042		
3/14/2018		0.0089						0.03	0.079
6/5/2018	0.018		0.014	0.011					
6/6/2018					0.014	0.017			
6/8/2018							0.057		0.07
6/9/2018								0.029	
6/10/2018		0.0092							
10/16/2018	0.017		0.011	0.011					
10/17/2018					0.012	0.016			0.059
10/18/2018		0.0089							
11/13/2018							0.048		
11/14/2018								0.028	
2/27/2019	0.021	0.011	0.014	0.011	0.015	0.018			
2/28/2019							0.045		0.048
3/5/2019								0.035	
5/31/2019	0.02	0.0088	0.013	0.01	0.014	0.016			
6/4/2019							0.04	0.04	0.048
11/6/2019	0.019	0.0094	0.012	0.0097	0.013	0.017			
11/12/2019							0.0071	0.011	0.0081

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/2/2016							<0.0025	<0.0025	0.00055 (J)
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025		<0.0025		<0.0025
5/4/2016		<0.0025						<0.0025	
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		0.00048 (J)
7/6/2016								<0.0025	
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/8/2016							<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016								<0.0025	
11/9/2016							<0.0025		<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/11/2017		<0.0025							
1/12/2017							<0.0025		<0.0025
1/13/2017								<0.0025	
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/16/2017								<0.0025	
3/17/2017							<0.0025		0.00042 (J)
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
5/16/2017							<0.0025		
5/17/2017								<0.0025	<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025		
3/14/2018		<0.0025						<0.0025	<0.0025
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025			
6/8/2018							<0.0025		<0.0025
6/9/2018								<0.0025	
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			<0.0025
10/18/2018		<0.0025							
11/13/2018							<0.0025 (J3)		
11/14/2018								<0.0025 (J3)	
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025		<0.0025
3/5/2019								<0.0025	
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/4/2019							<0.0025	<0.0025	<0.0025
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0025	<0.0025	<0.0025			
11/12/2019							<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/2/2016							32	33	82
5/2/2016	<0.05		<0.05	<0.05		<0.05			
5/3/2016					<0.05		38		100
5/4/2016		<0.05						30	
7/5/2016	<0.05		<0.05	<0.05	<0.05	<0.05	42		150
7/6/2016								35	
7/8/2016		<0.05							
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/8/2016							36	38	66
11/7/2016	<0.05		<0.05	<0.05	<0.05	<0.05			
11/8/2016								39	
11/9/2016							25		81
11/10/2016		<0.05							
1/9/2017	<0.05		<0.05	<0.05	<0.05	<0.05			
1/11/2017		<0.05							
1/12/2017							9.1		68
1/13/2017								34	
3/13/2017	<0.05		<0.05	0.022 (J)	<0.05	<0.05			
3/14/2017		<0.05							
3/16/2017								21	
3/17/2017							28		72
5/15/2017	<0.05		<0.05	<0.05	<0.05	<0.05			
5/16/2017							21		
5/17/2017								10	67
5/18/2017		<0.05							
10/2/2017	<0.05		<0.05	0.023 (J)	<0.05	<0.05			
10/3/2017									52
10/4/2017							18	6	
10/5/2017		<0.05							
12/20/2017							16 (R)	4.9 (R)	51
3/12/2018	<0.05		<0.05	<0.05	<0.05	<0.05			
3/13/2018							10		
3/14/2018		<0.05						4.4	48
6/5/2018	<0.05		<0.05	<0.05					
6/6/2018					<0.05	<0.05			
6/8/2018							12		40
6/9/2018								4.1	
6/10/2018		<0.05							
10/16/2018	<0.05		<0.05	<0.05					
10/17/2018					<0.05	<0.05			25
10/18/2018		0.081							
11/13/2018							9.1		
11/14/2018								2.3	
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							8.5		20
3/5/2019								2.1	
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
6/4/2019							11	5.2	19
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)	0.011 (V)	0.0099 (J)			
11/12/2019							5.3	4.5	14

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/1/2016					<0.0005	<0.0005			
3/2/2016							0.022 (o)	<0.0005	0.0031 (J)
5/2/2016	<0.0005		<0.0005	<0.0005		<0.0005			
5/3/2016					<0.0005		<0.0005		0.0025
5/4/2016		<0.0005						0.014	
7/5/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		0.0026
7/6/2016								0.015	
7/8/2016		<0.0005							
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/8/2016							<0.0005	0.015	0.0026 (J)
11/7/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
11/8/2016								0.014	
11/9/2016							<0.0005		0.0032 (J)
11/10/2016		<0.0005							
1/9/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
1/11/2017		<0.0005							
1/12/2017							<0.0005		0.0031
1/13/2017								0.013	
3/13/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/14/2017		<0.0005							
3/16/2017								0.0084	
3/17/2017							<0.0005		0.0027
5/15/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
5/16/2017							<0.0005		
5/17/2017								0.0044	0.0024 (J)
5/18/2017		<0.0005							
3/12/2018	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2018							0.00039 (J)		
3/14/2018		<0.0005						0.0032	0.0014 (J)
6/5/2018	<0.0005		<0.0005	<0.0005					
6/6/2018					<0.0005	<0.0005			
6/8/2018							<0.0005		0.0014 (J)
6/9/2018								0.0029	
6/10/2018		<0.0005							
10/16/2018	<0.0005		<0.0005	<0.0005					
10/17/2018					<0.0005	<0.0005			0.00088 (J)
10/18/2018		<0.0005							
11/13/2018							<0.0005		
11/14/2018								0.0021 (J)	
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/28/2019							<0.0005		0.00065 (J)
3/5/2019								0.0023 (J)	
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
6/4/2019							<0.0005	0.0017 (J)	0.00035 (J)
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
11/12/2019							0.00061 (J)	0.002 (J)	0.00055 (J)

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	1	1 (J)	0.67	1.4					
3/1/2016					0.6	1.5			
3/2/2016							900	890	2400
5/2/2016	0.78		0.58	1.1		0.83			
5/3/2016					0.55		1200		2100
5/4/2016		0.62						830	
7/5/2016	0.65		0.43	0.94	0.53	1.6	920		2200
7/6/2016								780	
7/8/2016		0.4							
9/6/2016	0.7	0.45	0.48	1	0.5	1.6			
9/8/2016							870	820	2000
11/7/2016	0.8		0.56	1.2	0.68	1.5			
11/8/2016								760	
11/9/2016							570		2000
11/10/2016		0.44							
1/9/2017	0.74		0.43	1.2	0.56	0.98			
1/11/2017		0.42							
1/12/2017							220		1800
1/13/2017								660	
3/13/2017	0.78		0.48	1.3	0.62	0.75			
3/14/2017		0.42							
3/16/2017								400	
3/17/2017							570		1800
5/15/2017	0.76		0.37	1	0.58	0.83			
5/16/2017							500		
5/17/2017								160	1500
5/18/2017		0.38							
10/2/2017	0.78		0.47	1.2	0.62	0.83			
10/3/2017									1300
10/4/2017							490	100	
10/5/2017		0.39							
12/20/2017							420 (R)	82 (R)	1200
3/12/2018	0.88		0.49	1.4	0.59	0.71			
3/13/2018							290		
3/14/2018		0.49						75	1100
6/5/2018	0.9		0.49	1.2					
6/6/2018					0.59	0.68			
6/8/2018							320		800
6/9/2018								64	
6/10/2018		0.39							
10/16/2018	0.86		0.42	1.4					
10/17/2018					0.54	0.66			530
10/18/2018		0.41							
11/13/2018							220		
11/14/2018								38	
2/27/2019	0.96	0.44	0.56	1.3	0.63	0.7			
2/28/2019							230		350
3/5/2019								43	
5/31/2019	0.76	0.28	0.33	1.1	0.45	0.52			
6/4/2019							170	54	380 (D)
11/6/2019	0.88	0.46	0.49	1.2	0.55	0.74			
11/12/2019							130	82	240

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	5.3	5.4	8.1	7.4					
3/1/2016					5.6	4			
3/2/2016							1700	1700	4700
5/2/2016	4.4		6	6.3		3.6			
5/3/2016					5.1		2500		4900
5/4/2016		4.5						1600	
7/5/2016	4.2		5.2	4.8	4.7	3.6	<140 (*)		360 (o)
7/6/2016								2000	
7/8/2016		4.9							
9/6/2016	4.3	4.3	5.5	6	4.4	4			
9/8/2016							1900	1800	4400
11/7/2016	4.2		5.4	5.7	4.6	4.4			
11/8/2016								1800	
11/9/2016							1200		4800
11/10/2016		4.5							
1/9/2017	5.3		6.1	6.8	5.3	4.4			
1/11/2017		5.3							
1/12/2017							470		3900
1/13/2017								1500	
3/13/2017	5.2		5.5	6.8	5.6	4.1			
3/14/2017		5.5							
3/16/2017								870	
3/17/2017							1100		3700
5/15/2017	4.8		4.7	6.1	5.2	3.7			
5/16/2017							1000		
5/17/2017								310	3500
5/18/2017		5							
10/2/2017	5.5		6.1	6	5.5	4.8			
10/3/2017									2300
10/4/2017							910	160	
10/5/2017		5.6							
12/20/2017							810 (R)	110 (R)	2400
3/12/2018	5.3		6.1	5.9	5.6	4			
3/13/2018							530		
3/14/2018		5.2						110	2100
6/5/2018	5.3		5.5	6.5					
6/6/2018					5.6	4.1			
6/8/2018							680		1800
6/9/2018								86	
6/10/2018		5.2							
10/16/2018	5.5		5.1	5.9					
10/17/2018					5.5	3.7			1200
10/18/2018		5.2							
11/13/2018							450		
11/14/2018								41	
2/27/2019	4.6	5.1	5	4.3	5.1	4			
2/28/2019							470		720
3/5/2019								75	
5/31/2019	5.1	5	5.4	4.5	5.4	3.7			
6/4/2019							310	98	690
11/6/2019	5.8	6	6.1	5.7	5.9	4.7			
11/12/2019							280	190	490

Time Series

Constituent: Chromium (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/1/2016					<0.0005	0.00056 (J)			
3/2/2016							<0.0005	<0.0005	0.0026 (J)
5/2/2016	0.0029		0.0019 (J)	0.0034		0.0021 (J)			
5/3/2016					0.0012 (J)		<0.0005		<0.0005
5/4/2016		<0.0005						<0.0005	
7/5/2016	<0.0005		0.0051	0.0059	<0.0005	<0.0005	<0.0005		<0.0005
7/6/2016								<0.0005	
7/8/2016		<0.0005							
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/8/2016							<0.0005	<0.0005	<0.0005
11/7/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
11/8/2016								<0.0005	
11/9/2016							<0.0005		<0.0005
11/10/2016		<0.0005							
1/9/2017	<0.0005		0.017 (o)	<0.0005	<0.0005	<0.0005			
1/11/2017		<0.0005							
1/12/2017							<0.0005		<0.0005
1/13/2017								<0.0005	
3/13/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/14/2017		<0.0005							
3/16/2017								<0.0005	
3/17/2017							<0.0005		<0.0005
5/15/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
5/16/2017							<0.0005		
5/17/2017								<0.0005	<0.0005
5/18/2017		<0.0005							
3/12/2018	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2018							<0.0005		
3/14/2018		<0.0005						<0.0005	<0.0005
6/5/2018	<0.0005		<0.0005	<0.0005					
6/6/2018					<0.0005	<0.0005			
6/8/2018							<0.0005		<0.0005
6/9/2018								<0.0005	
6/10/2018		<0.0005							
10/16/2018	<0.0005		<0.0005	<0.0005					
10/17/2018					<0.0005	<0.0005			
10/18/2018		<0.0005							
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/28/2019							<0.0005		<0.0005
3/5/2019								<0.0005	
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	0.00039 (J)	<0.0025	0.00064 (J)	0.00023 (J)					
3/1/2016					0.00064 (J)	0.00071 (J)			
3/2/2016							0.0024 (J)	0.0013 (J)	0.0074 (J)
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		0.001 (J)			
5/3/2016					0.00079 (J)		0.0015 (J)		0.0051
5/4/2016		<0.0025						0.0026	
7/5/2016	0.00049 (J)		0.0027	0.0032	<0.0025	0.00055 (J)	0.0015 (J)		0.0055
7/6/2016								0.0033	
7/8/2016		<0.0025							
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0025	0.00094 (J)	0.00057 (J)			
9/8/2016							<0.0025	0.0038 (J)	0.0056 (J)
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0025	0.00041 (J)	0.00047 (J)			
11/8/2016								0.0035 (J)	
11/9/2016							<0.0025		0.0057 (J)
11/10/2016		<0.0025							
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0025	0.00074 (J)	0.00054 (J)			
1/11/2017		<0.0025							
1/12/2017							0.00056 (J)		0.0044
1/13/2017								0.006	
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0025	0.00091 (J)	0.0004 (J)			
3/14/2017		<0.0025							
3/16/2017								0.0021 (J)	
3/17/2017							0.0012 (J)		0.0027
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0025	0.00075 (J)	0.00046 (J)			
5/16/2017							0.0013 (J)		
5/17/2017								0.0021 (J)	0.0035
5/18/2017		<0.0025							
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0025	0.00044 (J)	<0.0025			
3/13/2018							0.0011 (J)		
3/14/2018		<0.0025						0.0022 (J)	0.0027
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0025					
6/6/2018					0.0004 (J)	0.00048 (J)			
6/8/2018							0.0028		0.0029
6/9/2018								0.0016 (J)	
6/10/2018		<0.0025							
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0025					
10/17/2018					<0.0025	0.00043 (J)			0.0027
10/18/2018		<0.0025							
11/13/2018							0.0019 (J)		
11/14/2018								0.0016 (J)	
2/27/2019	0.00065 (J)	<0.0025	0.00056 (J)	<0.0025	<0.0025	0.00045 (J)			
2/28/2019							0.0024 (J)		0.0022 (J)
3/5/2019								0.0017 (J)	
5/31/2019	0.00046 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/4/2019							0.0013 (J)	0.0014 (J)	0.0018 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	0.00029 (J)	0.00094 (J)			
11/12/2019							<0.0025	<0.0025	0.00067 (J)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	1.27	1.09	1.42	2.4					
3/1/2016					0.647	<5			
3/2/2016							22.9	22.1	36.5
5/2/2016	0.808		1.03	1.62		<5			
5/3/2016					0.748		23.6		35.5
5/4/2016		0.848						19.9	
7/5/2016	0.947		0.961	1.01	0.591	<5	23.6		32.9
7/6/2016								28.5	
7/8/2016		1.46							
9/6/2016	1.07	1.34	1.07	1.8	0.831	0.566			
9/8/2016							20.8	20.1	23
11/7/2016	0.602		0.818	1.86	0.983	0.784			
11/8/2016								24.6	
11/9/2016							7.46		40.5
11/10/2016		1.23							
1/9/2017	0.865		0.934	2.25	0.767	0.541			
1/11/2017		1.11							
1/12/2017							11.2		35.4
1/13/2017								22.8	
3/13/2017	0.693		0.937	1.87	1.26	0.442			
3/14/2017		1.01							
3/16/2017								12.2	
3/17/2017							14.3		27.7
5/15/2017	0.786		0.685	1.4	0.553	0.345			
5/16/2017							16.9		
5/17/2017								7.05	26.4
5/18/2017		0.745							
3/12/2018	0.933		1.09	1.97	0.783	0.848			
3/13/2018							10.9		
3/14/2018		0.614						6.95	17.7
6/5/2018	0.713		0.927	2.17					
6/6/2018					1.08	0.78			
6/8/2018							10.6		15.3
6/9/2018								6.52	
6/10/2018		0.959							
10/16/2018	2.14		1.07	2.2					
10/17/2018					1.19	0.88			12.6
10/18/2018		0.944							
11/13/2018							9.09		
11/14/2018								5.66	
2/27/2019	0.651	0.827	0.912	1.8	0.741	0.431			
2/28/2019							9.7		8.04
3/5/2019								8.11	
5/31/2019	1.33	0.99	1.24	1.8	0.759	0.884			
6/4/2019							7.7	5.89	8.36
11/6/2019	1.32	0.892	0.509 (U)	2.32	0.105 (U)	0.366 (U)			
11/12/2019							6.4	8.32	7.14

Time Series

Constituent: Field pH (SU) Analysis Run 3/9/2020 11:07 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	5.11	5.26	5.11	4.9					
3/1/2016					5.08	6.37			
3/2/2016							5.16 (D)	5.57	4.62
5/2/2016	4.76		4.77	4.69		5.605 (D)			
5/3/2016					5.14		5.1		4.26
5/4/2016		5.1						5.62	
7/5/2016	5.12		5.48	7.11 (o)	5.38	6.29	4.86		4.15
7/6/2016								5.52	
7/8/2016		4.96							
9/6/2016	5.11	5.43	5.12	5.19	5.37	6.42			
9/8/2016							4.76	5.26	4.6
11/7/2016	4.76		4.73	4.64	4.92	5.75			
11/8/2016								5.09	
11/9/2016							4.99		4.12
11/10/2016		4.89							
1/9/2017	4.99		5	4.94	5.05	5.98			
1/11/2017		4.87							
1/12/2017							5.04		4.24
1/13/2017								5.14	
3/13/2017	4.57		4.74	4.63	4.87	5.81			
3/14/2017		4.71							
3/16/2017								5.1	
3/17/2017							5.02		4.22
5/15/2017	4.6		4.63	4.52	4.69	5.42			
5/16/2017							4.77		
5/17/2017								4.9	4.35
5/18/2017		4.5							
10/2/2017	4.64		4.63	4.54	4.88	5.63			
10/3/2017									4.11
10/4/2017							4.89	4.84	
10/5/2017		4.63							
12/20/2017							4.94 (R)	4.94 (R)	4.31
3/12/2018	4.85		4.81	4.81	5.07	5.6			
3/13/2018							5.19		
3/14/2018		5.14						4.82	4.35
6/5/2018	4.92		5.04	4.9					
6/6/2018					5.09	5.58			
6/8/2018							5.05		4.31
6/9/2018								4.81	
6/10/2018		5.12							
10/16/2018	4.93		4.98	4.81					
10/17/2018					4.99	5.54			4.41
10/18/2018		4.97							
11/13/2018							5.11		
11/14/2018								4.85	
2/27/2019	4.75	4.84	4.78	4.71	4.87	5.4			
2/28/2019							4.97		4.42
3/5/2019								4.71	
5/31/2019	4.9	4.92	4.92	4.84	4.89	5.45			
6/4/2019							5.27	4.85	4.69
11/6/2019	4.82	4.94	4.88	4.78	5.04	5.52			
11/12/2019							4.92	4.67	4.56

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/2/2016							0.088 (J)	0.54	0.074 (J)
5/2/2016	<0.1		<0.1	<0.1		<0.1			
5/3/2016					<0.1		0.05 (J)		0.05 (J)
5/4/2016		<0.1						0.41	
7/5/2016	<0.1		<0.1	<0.1	<0.1	<0.1	0.07 (J)		0.05 (J)
7/6/2016								0.49	
7/8/2016		<0.1							
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/8/2016							0.07 (J)	0.57	0.05 (J)
11/7/2016	<0.1		<0.1	<0.1	<0.1	<0.1			
11/8/2016								0.47	
11/9/2016							0.06 (J)		0.04 (J)
11/10/2016		<0.1							
1/9/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
1/11/2017		<0.1							
1/12/2017							<0.1		0.04 (J)
1/13/2017								0.73	
3/13/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
3/14/2017		<0.1							
3/16/2017								0.92	
3/17/2017							0.05 (J)		0.04 (J)
5/15/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
5/16/2017							0.06 (J)		
5/17/2017								0.77	0.06 (J)
5/18/2017		<0.1							
10/2/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
10/3/2017									0.11
10/4/2017							0.08 (J)	0.96	
10/5/2017		<0.1							
12/20/2017								0.88 (R)	0.08 (I)
3/12/2018	<0.1		<0.1	<0.1	<0.1	<0.1			
3/13/2018							0.05 (J)		
3/14/2018		0.12						0.84	0.08 (J)
6/5/2018	<0.1		<0.1	<0.1					
6/6/2018					<0.1	<0.1			
6/8/2018							0.13		0.1
6/9/2018								0.78	
6/10/2018		<0.1							
10/16/2018	<0.1		<0.1	<0.1					
10/17/2018					<0.1	<0.1			0.12
10/18/2018		<0.1							
11/13/2018							0.1		
11/14/2018								0.67	
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.3		0.1
3/5/2019								0.64	
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
6/4/2019							<0.1	0.09 (J)	0.08 (J)
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/12/2019							0.072 (J)	0.57	0.045 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025					
3/1/2016					<0.00025	<0.00025			
3/2/2016							<0.00025	<0.00025	0.011
5/2/2016	<0.00025		<0.00025	<0.00025		<0.00025			
5/3/2016					<0.00025		0.0015		0.0087
5/4/2016		<0.00025						<0.00025	
7/5/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025	0.0017		0.011
7/6/2016								<0.00025	
7/8/2016		<0.00025							
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025			
9/8/2016							0.0021 (J)	<0.00025	0.0092
11/7/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
11/8/2016								<0.00025	
11/9/2016							<0.00025		0.01
11/10/2016		<0.00025							
1/9/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
1/11/2017		<0.00025							
1/12/2017							0.00041 (J)		0.0086
1/13/2017								<0.00025	
3/13/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
3/14/2017		<0.00025							
3/16/2017								<0.00025	
3/17/2017							0.0011 (J)		0.0082
5/15/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
5/16/2017							0.0011 (J)		
5/17/2017								<0.00025	0.0081
5/18/2017		<0.00025							
3/12/2018	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
3/13/2018							0.00047 (J)		
3/14/2018		<0.00025						<0.00025	0.004
6/5/2018	<0.00025		<0.00025	<0.00025					
6/6/2018					<0.00025	<0.00025			
6/8/2018							0.0013		0.0034
6/9/2018								<0.00025	
6/10/2018		<0.00025							
10/16/2018	<0.00025		<0.00025	<0.00025					
10/17/2018					<0.00025	<0.00025			0.0026
10/18/2018		<0.00025							
11/13/2018							0.0014		
11/14/2018								<0.00025	
2/27/2019	<0.00025	<0.00025	0.001 (J)	<0.00025	<0.00025	<0.00025			
2/28/2019							0.0012 (J)		0.0019
3/5/2019								0.00037 (J)	
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025			
6/4/2019							0.00079 (J)	0.00065 (J)	0.0011 (J)
11/6/2019	0.0001 (J)	<0.00025	6.6E-05 (J)	8.4E-05 (J)	<0.00025	0.0002 (J)			
11/12/2019							0.00069 (J)	0.00061 (J)	0.001 (J)

Time Series

Constituent: Lithium (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.005	<0.005	<0.005	<0.005					
3/1/2016					<0.005	0.0037			
3/2/2016							0.01 (J)	<0.005	<0.005
5/2/2016	<0.005		<0.005	<0.005		<0.005			
5/3/2016					<0.005		<0.005		<0.005
5/4/2016		<0.005						0.0069	
7/5/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
7/6/2016								0.0086	
7/8/2016		<0.005							
9/6/2016	<0.005	0.0037 (J)	<0.005	<0.005	<0.005	<0.005			
9/8/2016							<0.005	0.035	<0.005
11/7/2016	<0.005		<0.005	<0.005	<0.005	0.0097 (o)			
11/8/2016								<0.005	
11/9/2016							<0.005		<0.005
11/10/2016		<0.005							
1/9/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
1/11/2017		<0.005							
1/12/2017							<0.005		<0.005
1/13/2017								0.0078	
3/13/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
3/14/2017		<0.005							
3/16/2017								0.0062	
3/17/2017							<0.005		<0.005
5/15/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
5/16/2017							<0.005		
5/17/2017								0.0042 (J)	<0.005
5/18/2017		<0.005							
3/12/2018	0.0011 (J)		0.0014 (J)	<0.005	<0.005	<0.005			
3/13/2018							<0.005		
3/14/2018		<0.005						0.0053	<0.005
6/5/2018	<0.005		0.0012 (J)	<0.005					
6/6/2018					<0.005	0.0021 (J)			
6/8/2018							<0.005		0.0012 (J)
6/9/2018								0.0044 (J)	
6/10/2018		<0.005							
10/16/2018	<0.005		0.0015 (J)	0.0013 (J)					
10/17/2018					<0.005	0.0012 (J)			0.0014 (J)
10/18/2018		0.0013 (J)							
11/13/2018							0.0024 (J)		
11/14/2018								0.005	
2/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	0.002 (J)			
2/28/2019							0.0025 (J)		<0.005
3/5/2019								0.0043 (J)	
5/31/2019	0.0021 (J)	0.0013 (J)	0.0017 (J)	0.0017 (J)	0.0015 (J)	0.0026 (J)			
6/4/2019							0.0012 (J)	0.0044 (J)	<0.005
11/6/2019	0.0011	0.001	0.0011	<0.005	0.00063 (J)	0.0012			
11/12/2019							<0.005	0.0026 (J)	<0.005

Time Series

Constituent: Mercury (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002					
3/1/2016					<0.0002	<0.0002			
3/2/2016							0.0027	0.0026	0.00024
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002		<0.0002			
5/3/2016					<0.0002		0.003		0.00036
5/4/2016		<0.0002						0.0022	
7/5/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	0.0023		0.0007
7/6/2016								0.0026	
7/8/2016		<0.0002 (*)							
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002 (*)			
9/8/2016							0.0034	0.0027	0.00081
11/7/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
11/8/2016								0.0016	
11/9/2016							0.0012		0.00099
11/10/2016		<0.0002							
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)	<0.0002 (*)	<0.0002 (*)			
1/11/2017		<0.0002							
1/12/2017							0.0012		0.00064
1/13/2017								0.0026	
3/13/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/14/2017		<0.0002 (*)							
3/16/2017								0.0015	
3/17/2017							0.0022		0.00033
5/15/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
5/16/2017							0.0019		
5/17/2017								0.00016 (J)	0.00034
5/18/2017		<0.0002							
3/12/2018	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/13/2018							0.0014		
3/14/2018		9.3E-05 (J)						0.00051	0.0002
6/5/2018	<0.0002		<0.0002	<0.0002					
6/6/2018					<0.0002	<0.0002			
6/8/2018							0.0018		0.00016 (J)
6/9/2018								0.00032	
6/10/2018		<0.0002							
10/16/2018	<0.0002		<0.0002	<0.0002					
10/17/2018					<0.0002	<0.0002			0.00014 (J)
10/18/2018		<0.0002							
11/13/2018							0.0021		
11/14/2018								8.2E-05 (J)	
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
2/28/2019							0.0016		0.00012 (J)
3/5/2019								0.0026	
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
6/4/2019							0.00061	0.0012	<0.0002
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
11/12/2019							0.00056	0.00048	<0.0002

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.003	<0.003	<0.003	<0.003					
3/1/2016					<0.003	<0.003			
3/2/2016							<0.003	<0.003	<0.003
5/2/2016	<0.003		<0.003	<0.003		<0.003			
5/3/2016					<0.003		<0.003		<0.003
5/4/2016		<0.003						<0.003	
7/5/2016	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003		<0.003
7/6/2016								<0.003	
7/8/2016		<0.003							
9/6/2016	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
9/8/2016							<0.003	<0.003	<0.003
11/7/2016	<0.003		<0.003	<0.003	<0.003	<0.003			
11/8/2016								<0.003	
11/9/2016							<0.003		<0.003
11/10/2016		<0.003							
1/9/2017	<0.003		<0.003	<0.003	<0.003	<0.003			
1/11/2017		<0.003							
1/12/2017							<0.003		<0.003
1/13/2017								<0.003	
3/13/2017	0.0042 (J)		<0.003	0.0022 (J)	<0.003	<0.003			
3/14/2017		<0.003							
3/16/2017								0.0015 (J)	
3/17/2017							0.0078 (J)		<0.003
5/15/2017	<0.003		<0.003	<0.003	<0.003	<0.003			
5/16/2017							<0.003		
5/17/2017								<0.003	<0.003
5/18/2017		<0.003							
3/12/2018	<0.003		<0.003	<0.003	<0.003	<0.003			
3/13/2018							<0.003		
3/14/2018		<0.003						<0.003	0.00092 (J)
6/5/2018	<0.003		0.00088 (J)	<0.003					
6/6/2018					<0.003	<0.003			
6/8/2018							<0.003		<0.003
6/9/2018								<0.003	
6/10/2018		<0.003							
10/16/2018	<0.003		<0.003	<0.003					
10/17/2018					<0.003	<0.003			<0.003
10/18/2018		<0.003							
11/13/2018							<0.003		
11/14/2018								<0.003	
2/27/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
2/28/2019							<0.003		<0.003
3/5/2019								<0.003	
5/31/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
11/6/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025					
3/1/2016					<0.00025	<0.00025			
3/2/2016							0.018	0.013	0.026
5/2/2016	<0.00025		<0.00025	0.00025 (J)		<0.00025			
5/3/2016					<0.00025		0.016		0.019
5/4/2016		<0.00025						0.014	
7/5/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025	0.018		0.018
7/6/2016								0.015	
7/8/2016		<0.00025							
9/6/2016	0.00049 (J)	<0.00025	<0.00025	0.00027 (J)	<0.00025	<0.00025			
9/8/2016							0.016	0.018	0.018
11/7/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
11/8/2016								0.015	
11/9/2016							0.013		0.02
11/10/2016		<0.00025							
1/9/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
1/11/2017		0.00049 (J)							
1/12/2017							0.004		0.017
1/13/2017								0.014	
3/13/2017	0.0023		<0.00025	0.0025	<0.00025	<0.00025			
3/14/2017		<0.00025							
3/16/2017								0.012	
3/17/2017							0.015		0.016
5/15/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
5/16/2017							0.01		
5/17/2017								0.0094	0.013
5/18/2017		<0.00025							
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)	0.00026 (J)	<0.00025			
3/13/2018							0.0064		
3/14/2018		0.00067 (J)						0.0049	0.019
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)					
6/6/2018					0.00025 (J)	0.00026 (J)			
6/8/2018							0.0076		0.018
6/9/2018								0.0047	
6/10/2018		0.00028 (J)							
10/16/2018	<0.00025		<0.00025	<0.00025					
10/17/2018					<0.00025	<0.00025			0.013
10/18/2018		<0.00025							
11/13/2018							0.0062		
11/14/2018								0.0031	
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025			
2/28/2019							0.0044		0.011
3/5/2019								0.0012 (J)	
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025			
6/4/2019							0.0044	0.002	0.015
11/6/2019	<0.00025	<0.00025	<0.00025	0.00034	<0.00025	<0.00025			
11/12/2019							0.0042	0.0026	0.012

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<5	<5	<5	1.6 (J)					
3/1/2016					<5	<5			
3/2/2016							400	450	460
5/2/2016	15 (o)		<5	2.1 (J)		<5			
5/3/2016					<5		2.2 (J)		740
5/4/2016		<5						500	
7/5/2016	<5		<5	2 (J)	<5	<5	450 (J)		750
7/6/2016								370	
7/8/2016		<5							
9/6/2016	<5	<5	<5	1.8 (J)	<5	3.7 (J)			
9/8/2016							450	450	710
11/7/2016	<5		<5	1.7 (J)	<5	<5			
11/8/2016								450	
11/9/2016							430		810
11/10/2016		<5							
1/9/2017	<5		2.6 (J)	1.5 (J)	<5	<5			
1/11/2017		<5							
1/12/2017							130		600
1/13/2017								390	
3/13/2017	2.5 (J)		<5	2.2 (J)	<5	<5			
3/14/2017		<5							
3/16/2017								290	
3/17/2017							290		640
5/15/2017	<5		<5	1.9 (J)	<5	<5			
5/16/2017							280		
5/17/2017								270	590
5/18/2017		<5 (X)							
10/2/2017	<5		<5	3.4 (J)	1.5 (J)	1.7 (J)			
10/3/2017									480
10/4/2017							250	240	
10/5/2017		<5							
12/20/2017							230 (R)	210 (R)	470
3/12/2018	<5		<5	2.6 (J)	<5	<5			
3/13/2018							160		
3/14/2018		<5						190	470
6/5/2018	<5		<5	2.6 (J)					
6/6/2018					<5	<5			
6/8/2018							160		440
6/9/2018								170	
6/10/2018		1.5 (J)							
10/16/2018	<5		<5	2.8 (J)					
10/17/2018					<5	<5			270
10/18/2018		<5							
11/13/2018							130		
11/14/2018								110	
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	<5	<5			
2/28/2019							130		240
3/5/2019								86	
5/31/2019	<5	<5	<5	3.3 (J)	<5	<5			
6/4/2019							100	100	280
11/6/2019	<5	<5	<5	3.7 (J)	<5	<5			
11/12/2019							100	93	260

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0001	<0.0001	<0.0001	<0.0001					
3/1/2016					<0.0001	<0.0001			
3/2/2016							0.00058 (J)	0.0003 (J)	0.00095 (J)
5/2/2016	<0.0001		<0.0001	<0.0001		<0.0001			
5/3/2016					<0.0001		0.00041 (J)		0.00089
5/4/2016		<0.0001						0.0005	
7/5/2016	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	0.0004 (J)		0.001
7/6/2016								0.00047 (J)	
7/8/2016		<0.0001							
9/6/2016	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
9/8/2016							0.00045 (J)	0.00053 (J)	0.00088 (J)
11/7/2016	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
11/8/2016								0.00055 (J)	
11/9/2016							<0.0001		0.00083 (J)
11/10/2016		<0.0001							
1/9/2017	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
1/11/2017		<0.0001							
1/12/2017							0.00012 (J)		0.00076
1/13/2017								0.00057	
3/13/2017	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
3/14/2017		<0.0001							
3/16/2017								0.0004 (J)	
3/17/2017							0.00027 (J)		0.00088
5/15/2017	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
5/16/2017							0.00025 (J)		
5/17/2017								0.00029 (J)	0.00071
5/18/2017		<0.0001							
3/12/2018	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
3/13/2018							0.00018 (J)		
3/14/2018		<0.0001						0.00027 (J)	0.00055
6/5/2018	<0.0001		<0.0001	<0.0001					
6/6/2018					<0.0001	<0.0001			
6/8/2018							0.00018 (J)		0.00048 (J)
6/9/2018								0.00023 (J)	
6/10/2018		<0.0001							
10/16/2018	<0.0001		<0.0001	<0.0001					
10/17/2018					<0.0001	<0.0001			0.0003 (J)
10/18/2018		<0.0001							
11/13/2018							<0.0001		
11/14/2018								0.00015 (J)	
2/27/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
2/28/2019							0.0001 (J)		0.00024 (J)
3/5/2019								0.00016 (J)	
5/31/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
6/4/2019							<0.0001	0.00011 (J)	0.00017 (J)
11/6/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
11/12/2019							<0.0001	0.00012 (J)	0.00019 (J)

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/9/2020 11:08 AM View: Descriptive - 200 Series

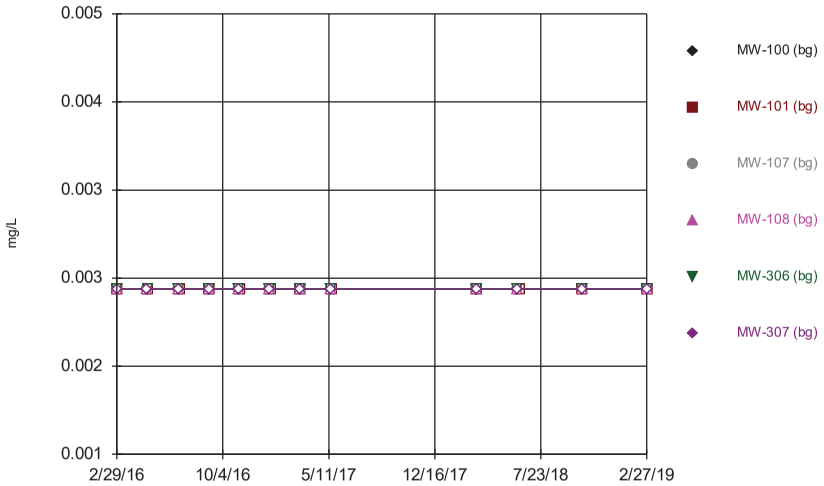
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	20	20	<5	12					
3/1/2016					10	<5			
3/2/2016							7200	7200	32000 (o)
5/2/2016	<5		<5	6		36			
5/3/2016					<5		6400		13000
5/4/2016		6						4500	
7/5/2016	12		14	<5	<5	<5	7000		8700
7/6/2016								4900	
7/8/2016		6							
9/6/2016	36	36	30	38	36	44			
9/8/2016							6000	4400	11000 (Q)
11/7/2016	18		8	<5	<5	30			
11/8/2016								6200	
11/9/2016							3500		13000
11/10/2016		16							
1/9/2017	4 (J)		<5	14	<5	12			
1/11/2017		38							
1/12/2017							1500		12000
1/13/2017								4400	
3/13/2017	6		<5	8	22	20			
3/14/2017		<5							
3/16/2017								2800	
3/17/2017							2900		10000
5/15/2017	<5		<5	<5	6	4 (J)			
5/16/2017							3100		
5/17/2017								1100	8300
5/18/2017		10							
10/2/2017	<5		<5	6	16	24			
10/3/2017									7100
10/4/2017							3400	700	
10/5/2017		<5							
12/20/2017							1900 (R)	590 (R)	7000
3/12/2018	18		14	<5	<5	<5			
3/13/2018							1600		
3/14/2018		8						490	6300
6/5/2018	10		<5	14					
6/6/2018					20	16			
6/8/2018							2000		5200
6/9/2018								430	
6/10/2018		8							
10/16/2018	32		12	6					
10/17/2018					44	44			3800
10/18/2018		28							
11/13/2018							1400		
11/14/2018								230	
2/27/2019	110	68	54	110	20	28			
2/28/2019							1400		1700
3/5/2019								300	
5/31/2019	46	<5	8	26	32	18			
6/4/2019							1200	400	2300
11/6/2019	<5	10	4 (J)	<5	24	20			
11/12/2019							1000	670	1900

300 Series

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

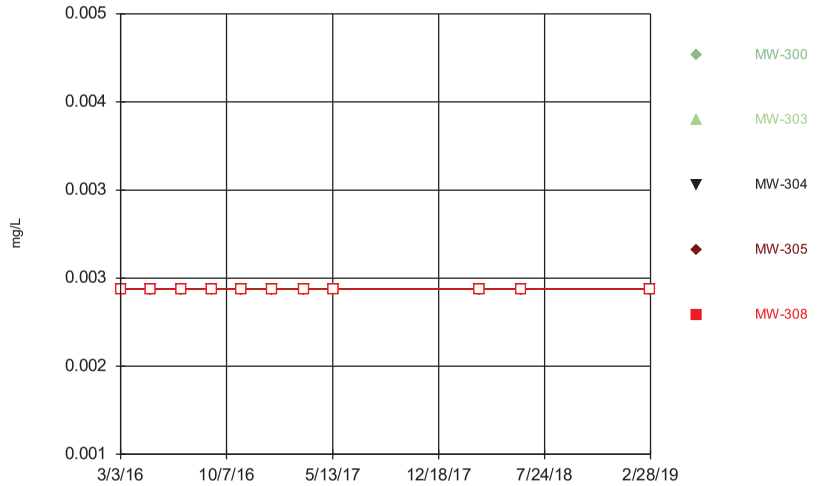
Time Series



Constituent: Antimony Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

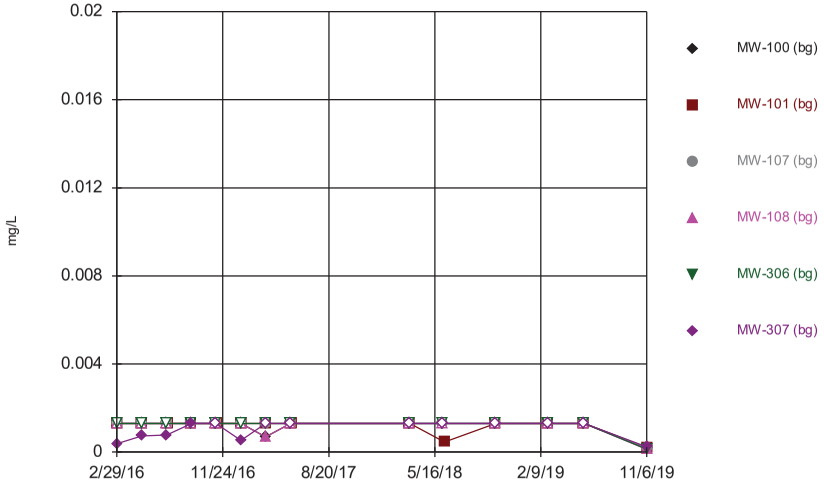
Time Series



Constituent: Antimony Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

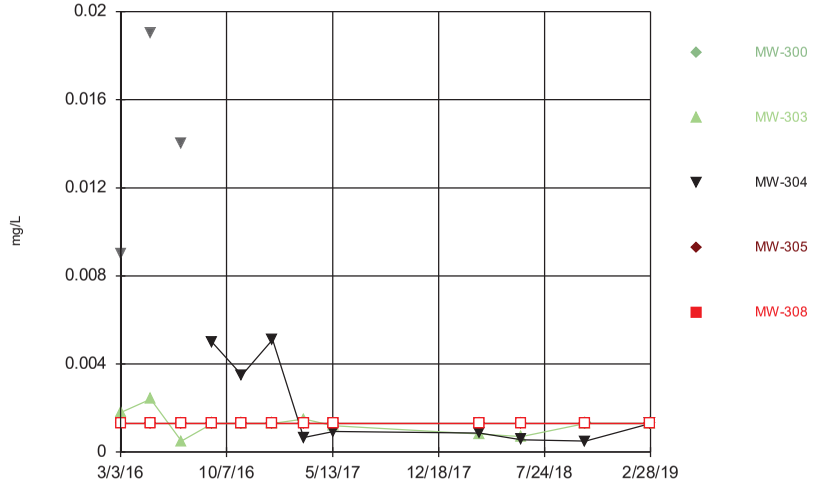
Time Series



Constituent: Arsenic Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

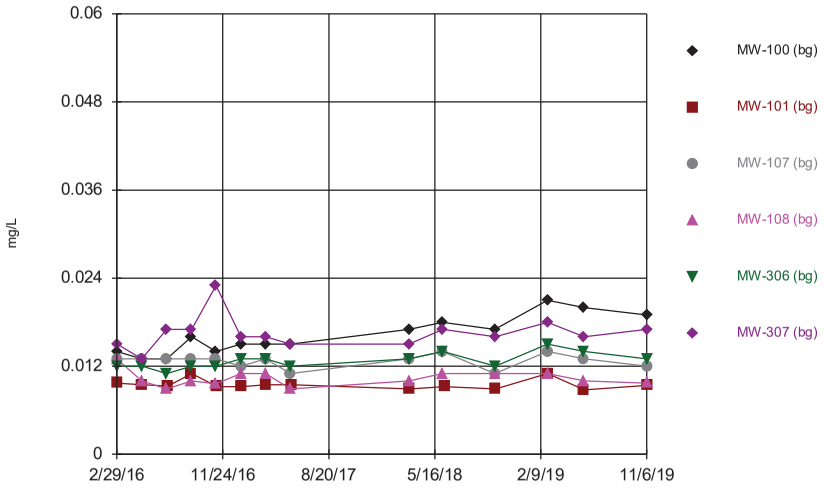
Time Series



Constituent: Arsenic Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

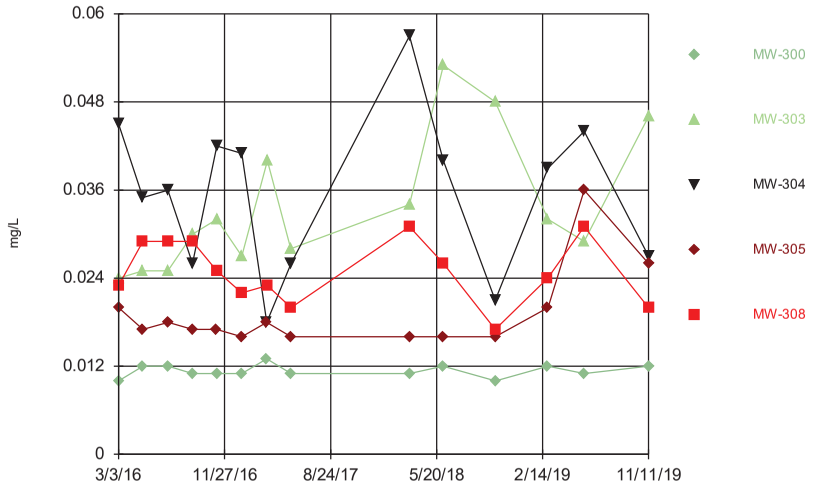
Time Series



Constituent: Barium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

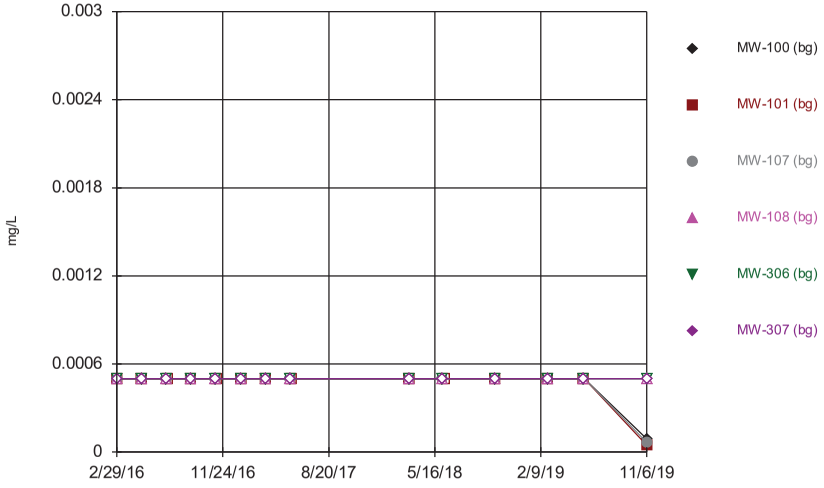
Time Series



Constituent: Barium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

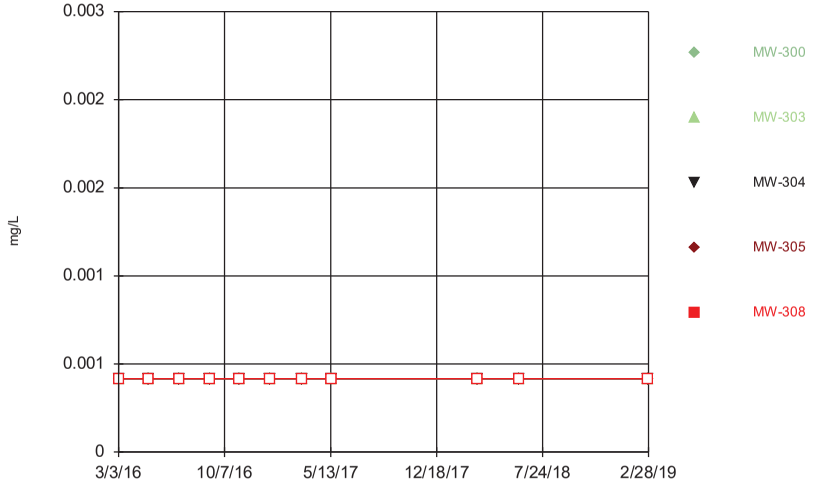
Time Series



Constituent: Beryllium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

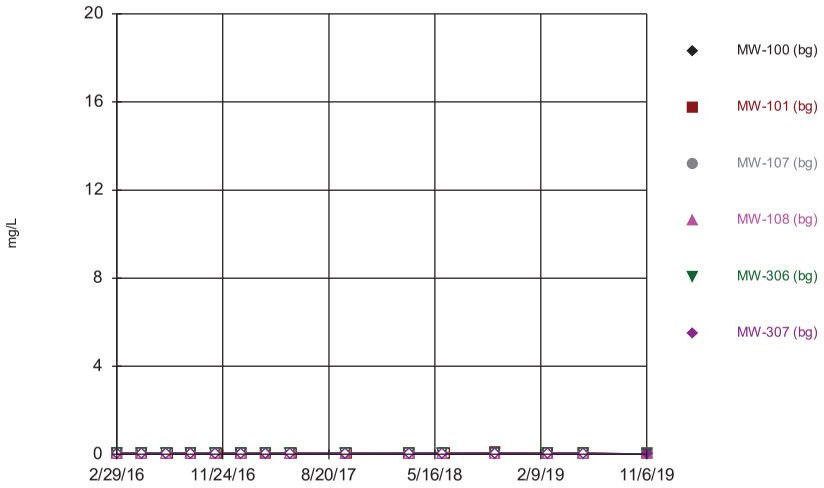
Time Series



Constituent: Beryllium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

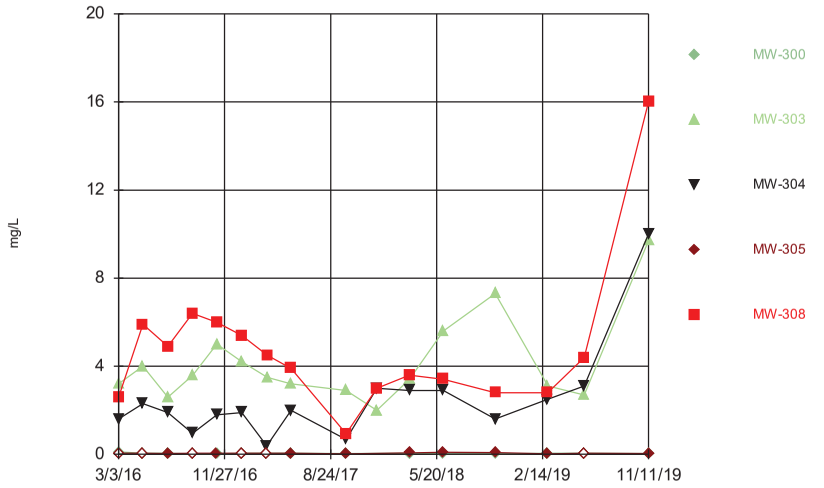
Time Series



Constituent: Boron Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

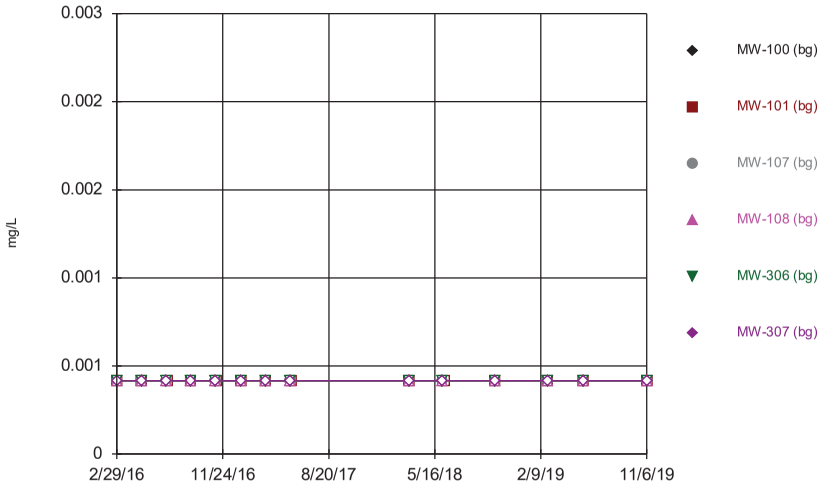
Time Series



Constituent: Boron Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

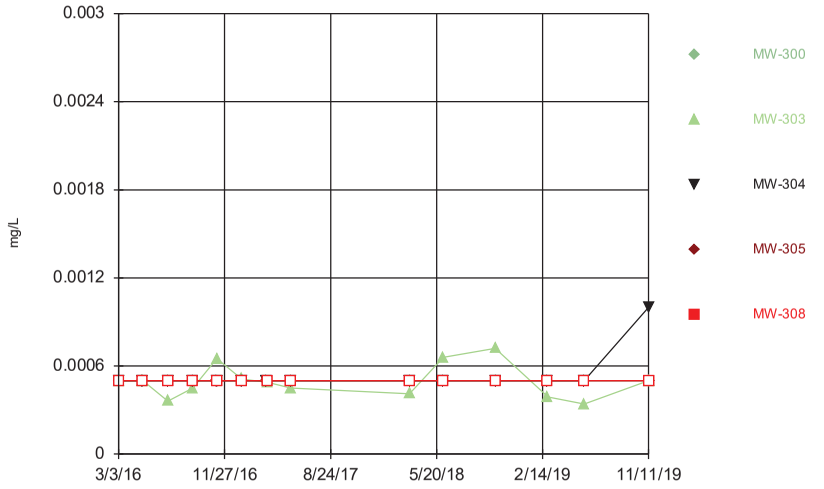
Time Series



Constituent: Cadmium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

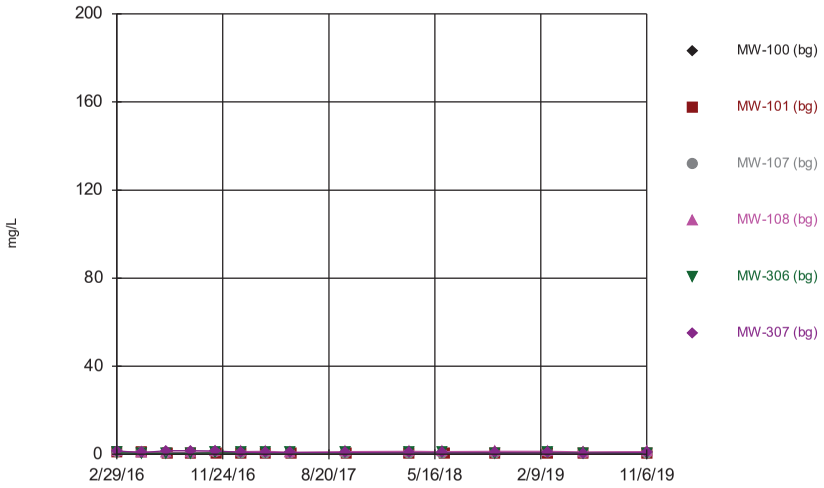
Time Series



Constituent: Cadmium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

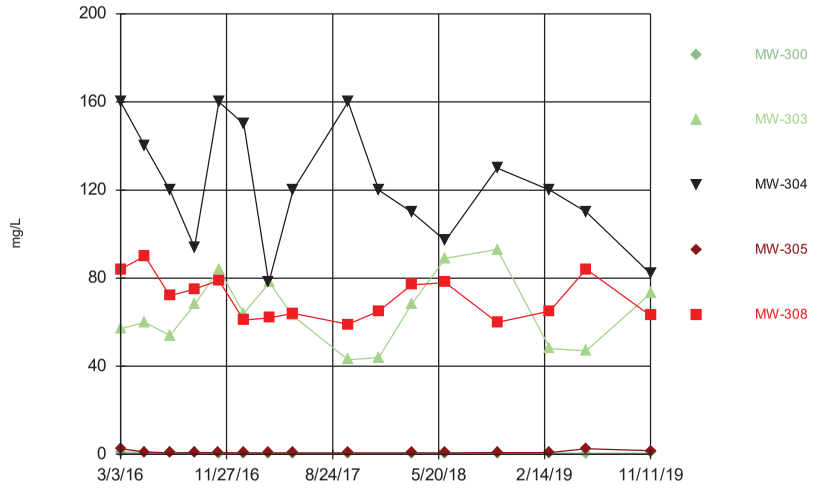
Time Series



Constituent: Calcium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

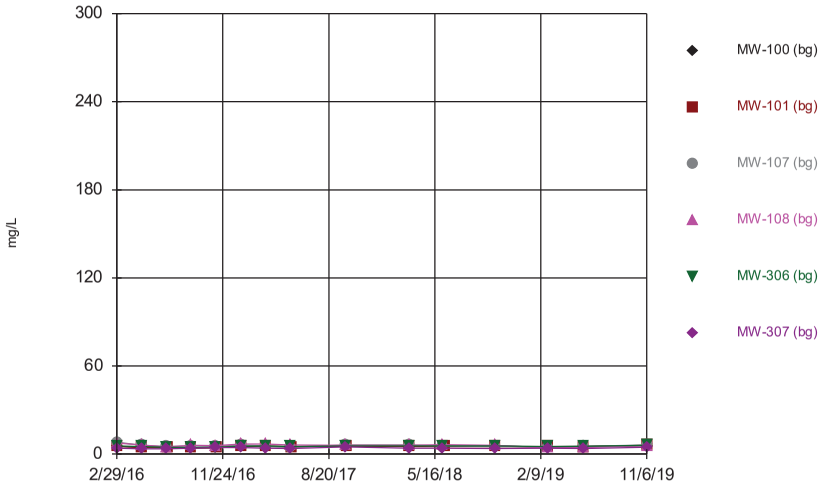
Time Series



Constituent: Calcium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

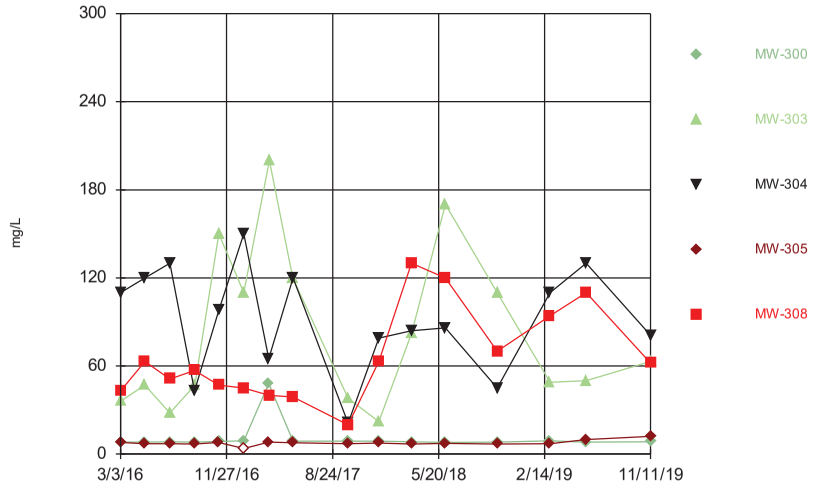
Time Series



Constituent: Chloride Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

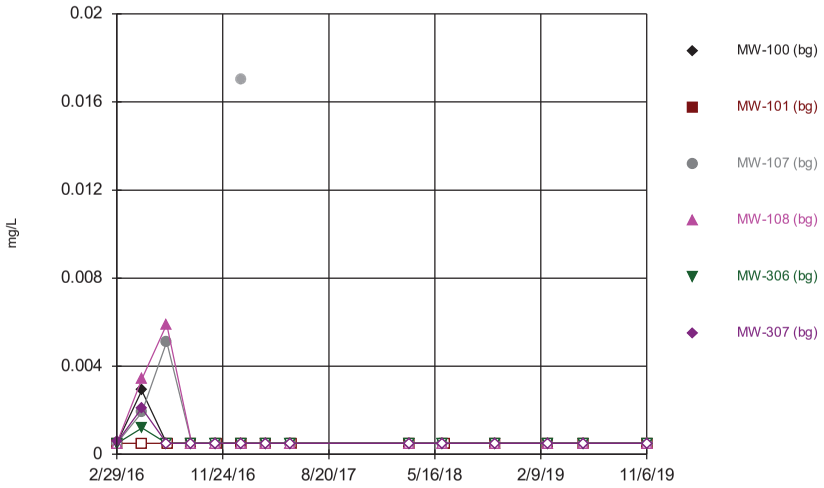
Time Series



Constituent: Chloride Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

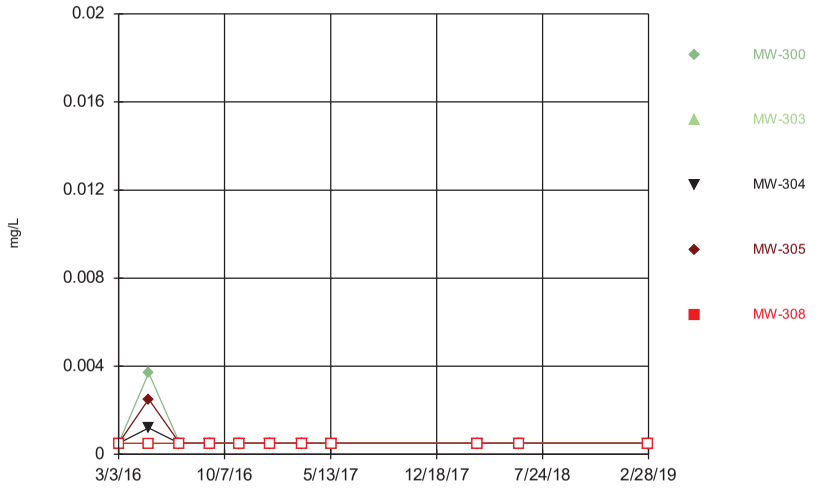
Time Series



Constituent: Chromium Analysis Run 6/2/2020 2:31 PM
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

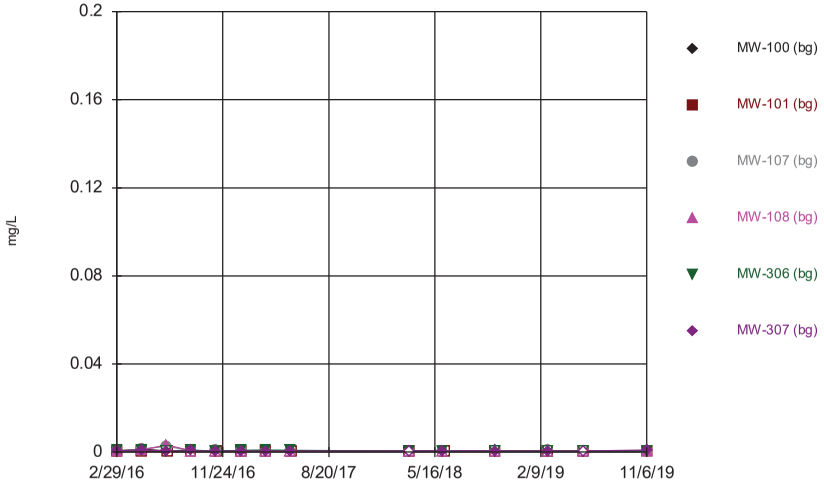
Time Series



Constituent: Chromium Analysis Run 6/2/2020 2:31 PM
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

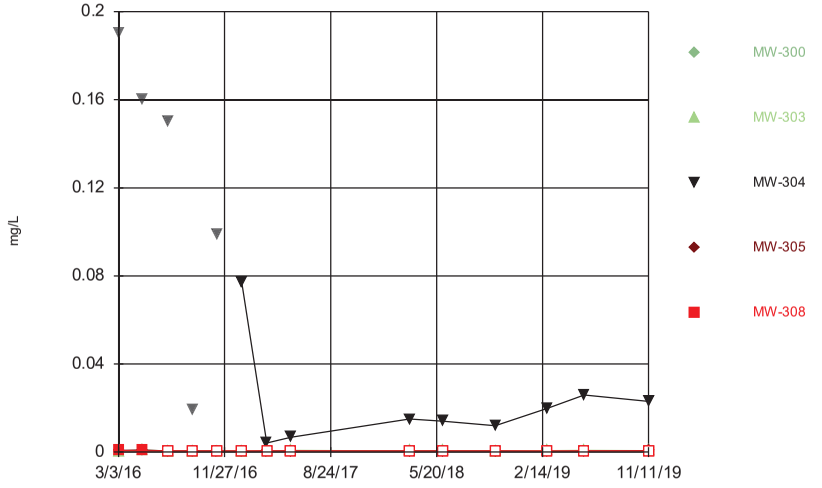
Time Series



Constituent: Cobalt Analysis Run 6/2/2020 2:31 PM
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

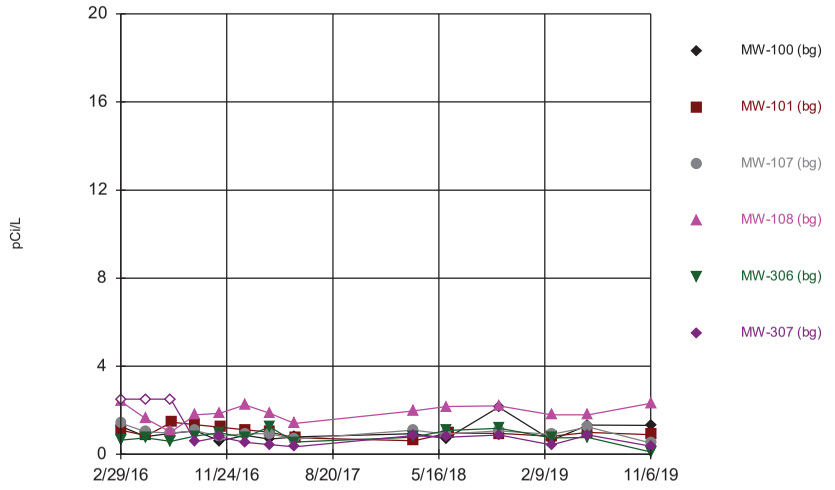
Time Series



Constituent: Cobalt Analysis Run 6/2/2020 2:31 PM
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

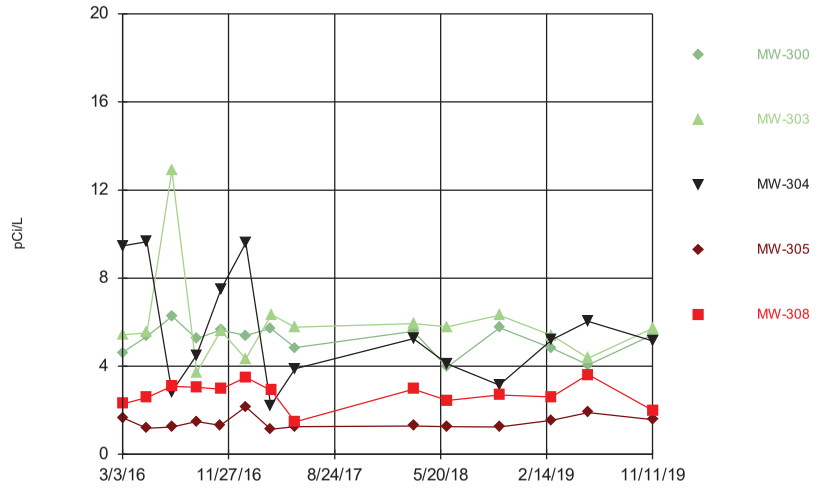
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Serie
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

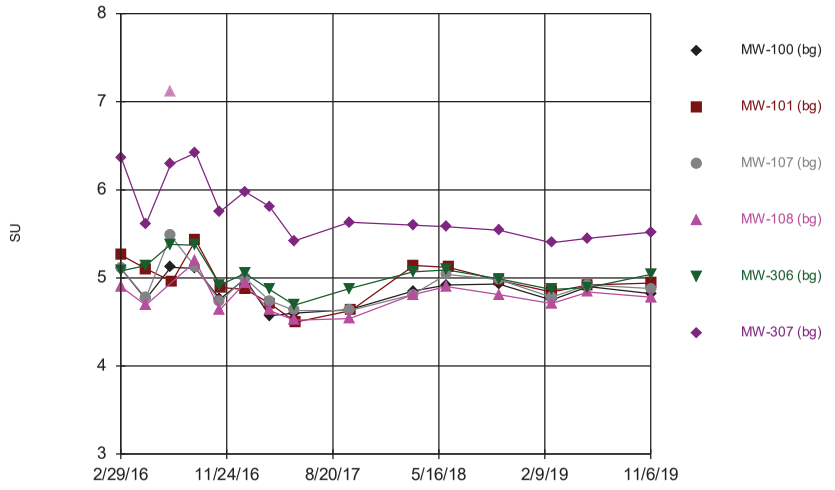
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Serie
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

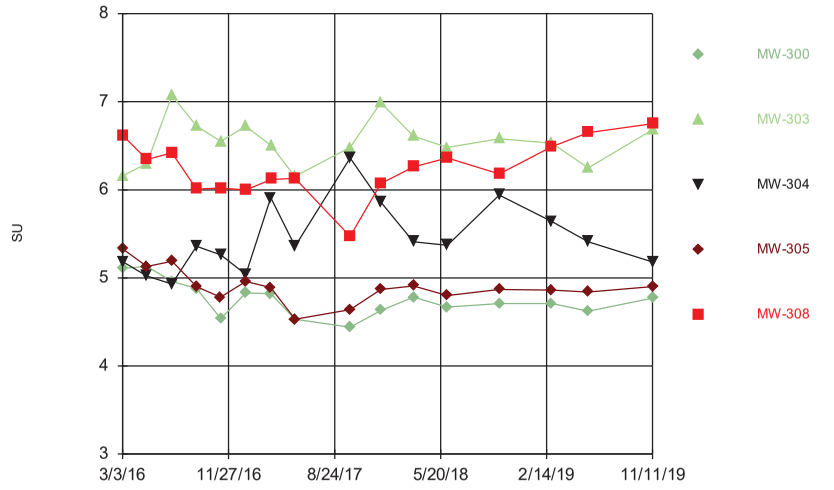
Time Series



Constituent: Field pH Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

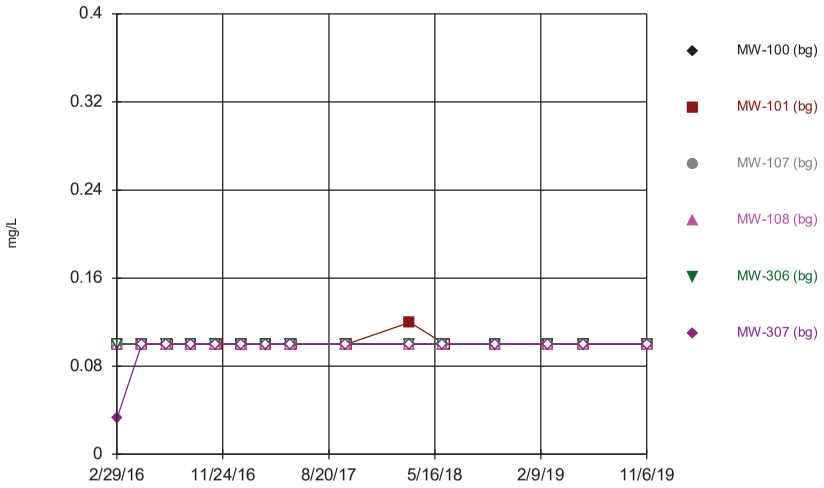
Time Series



Constituent: Field pH Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

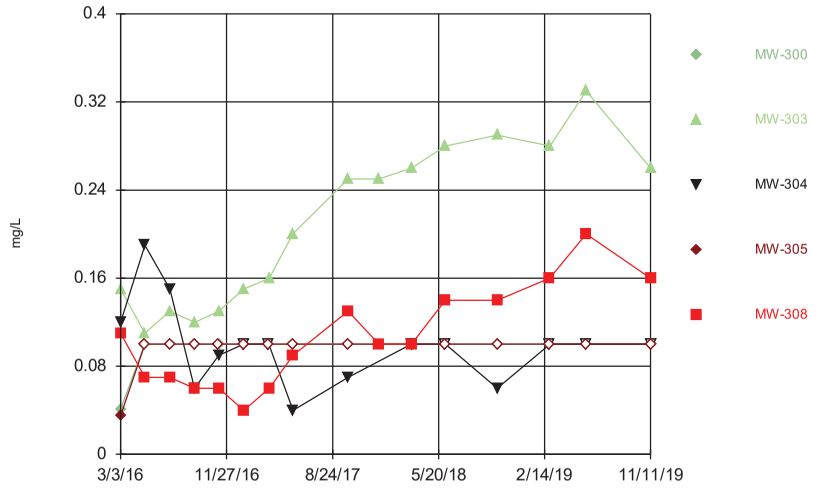
Time Series



Constituent: Fluoride Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

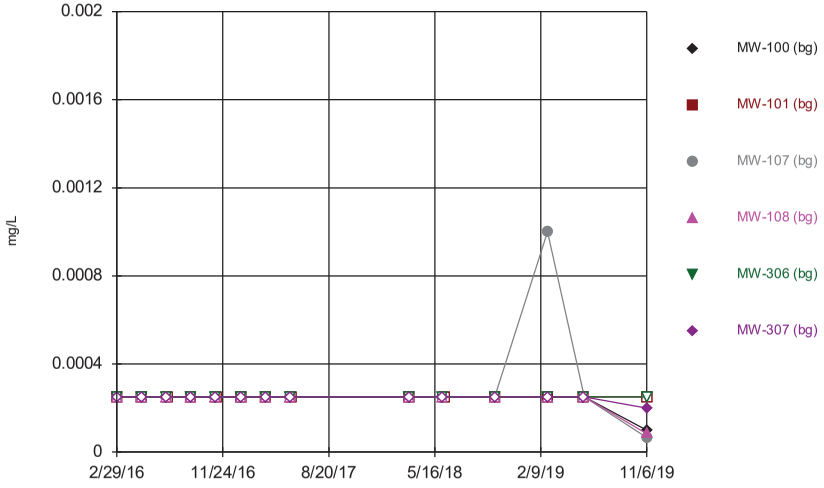
Time Series



Constituent: Fluoride Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

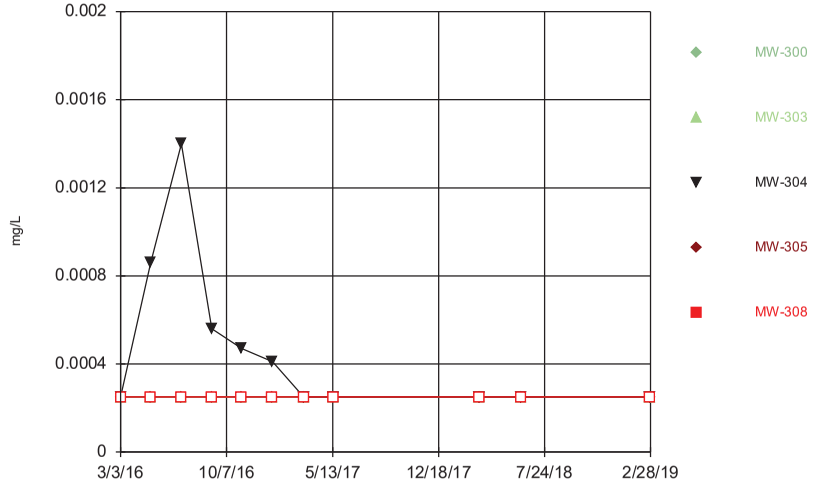
Time Series



Constituent: Lead Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

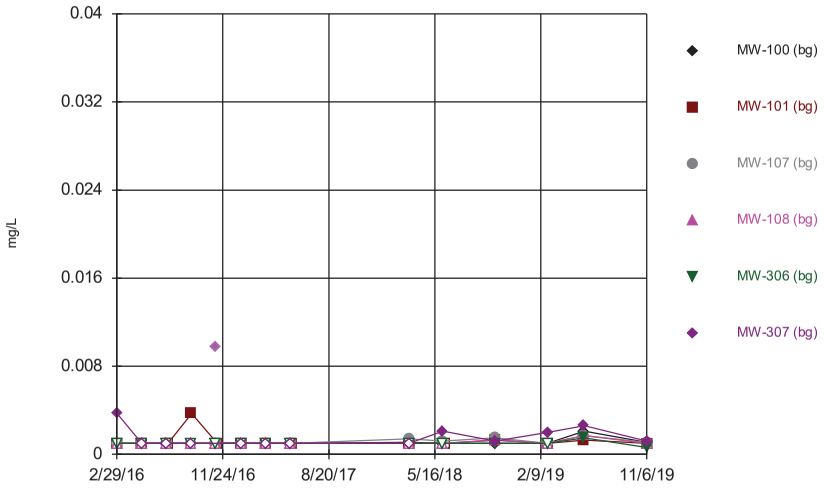
Time Series



Constituent: Lead Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

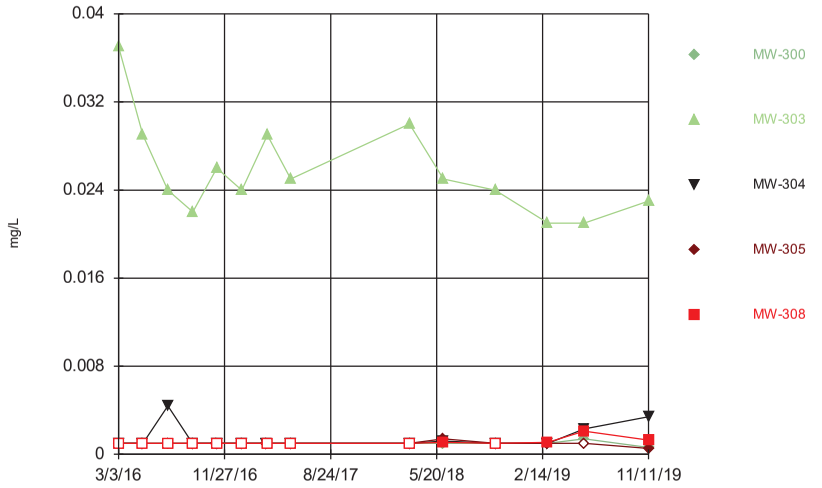
Time Series



Constituent: Lithium Analysis Run 3/9/2020 11:18 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

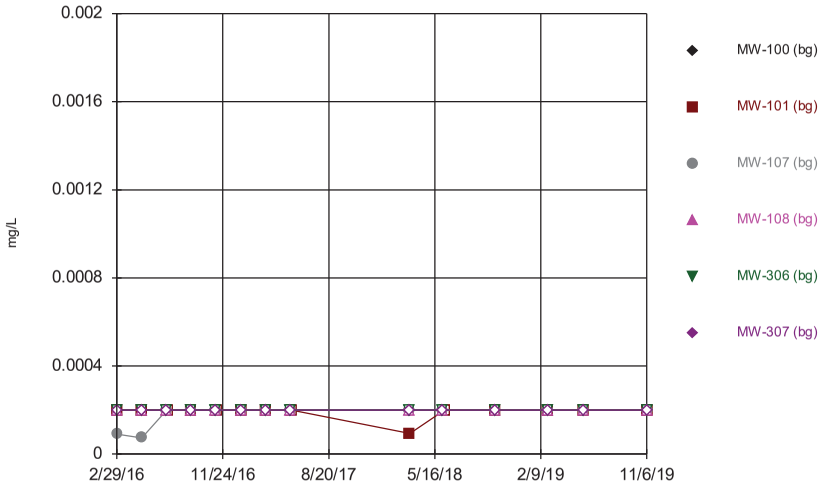
Time Series



Constituent: Lithium Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

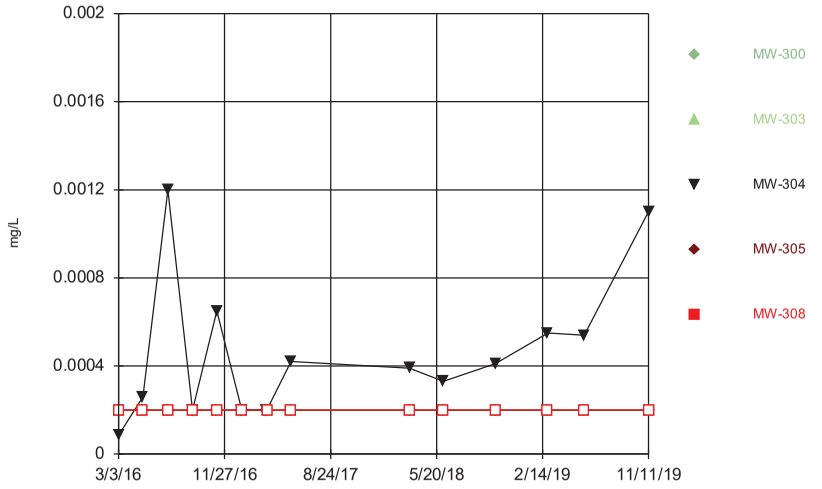
Time Series



Constituent: Mercury Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

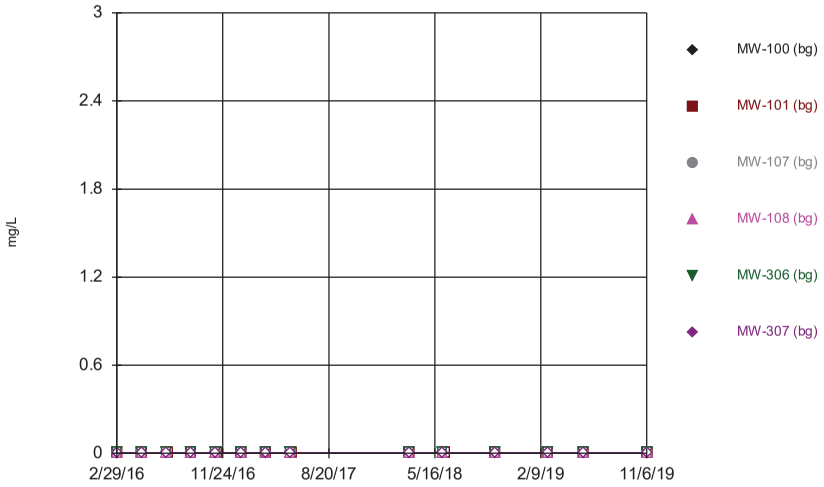
Time Series



Constituent: Mercury Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

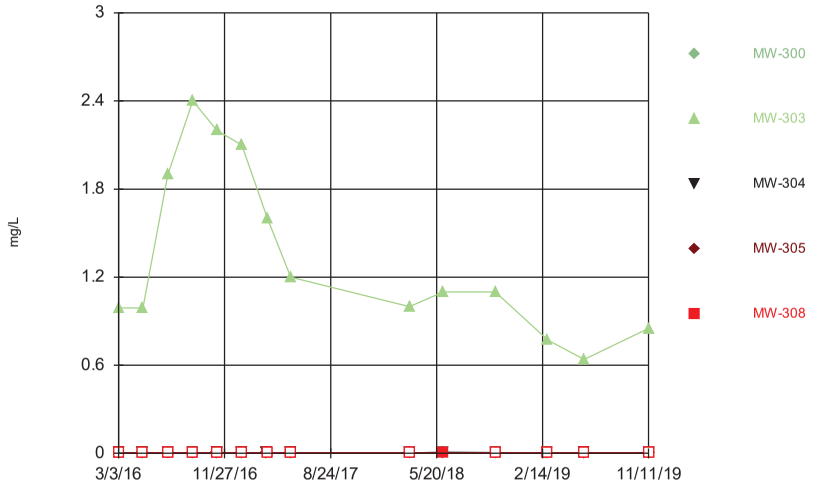
Time Series



Constituent: Molybdenum Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

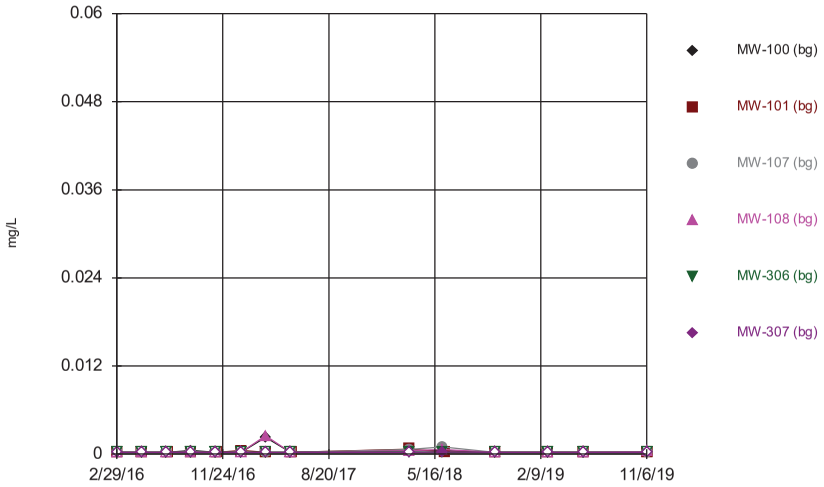
Time Series



Constituent: Molybdenum Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

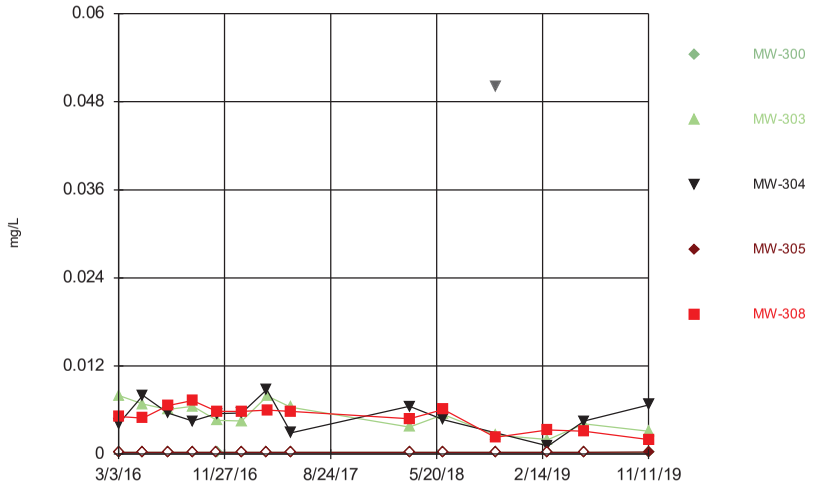
Time Series



Constituent: Selenium Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

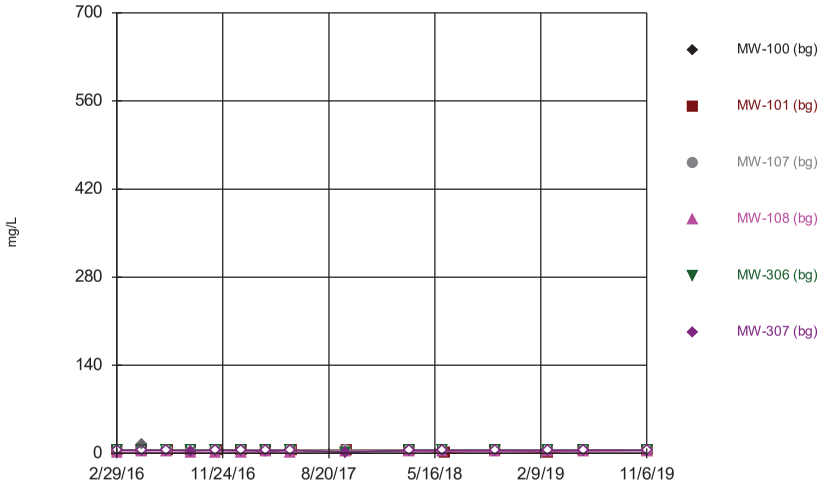
Time Series



Constituent: Selenium Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

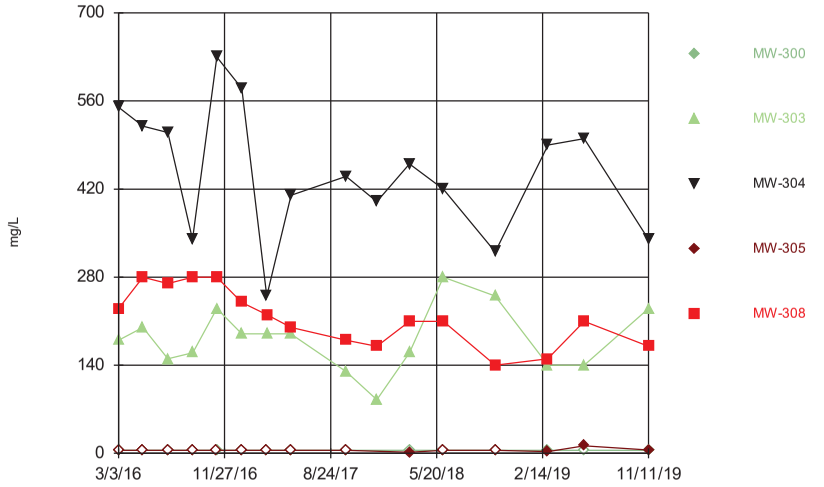
Time Series



Constituent: Sulfate Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

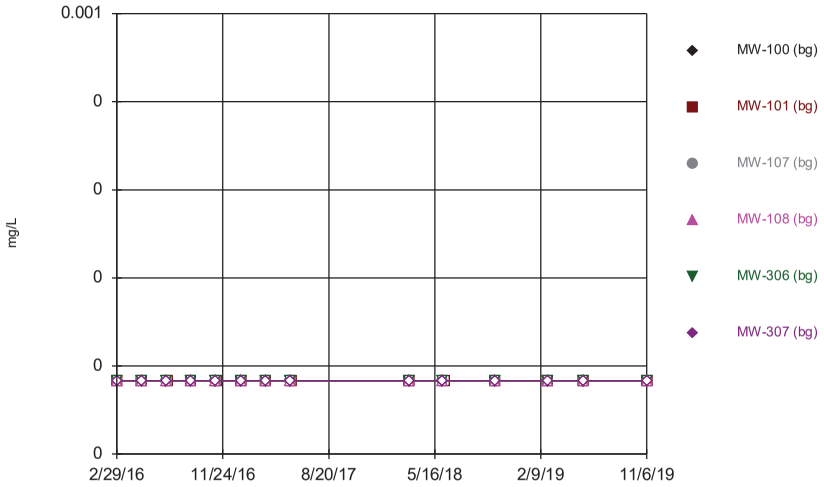
Time Series



Constituent: Sulfate Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

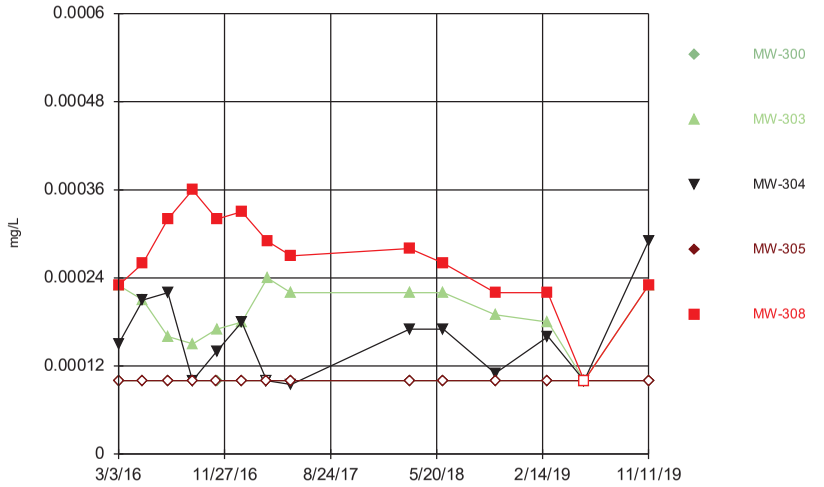
Time Series



Constituent: Thallium Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

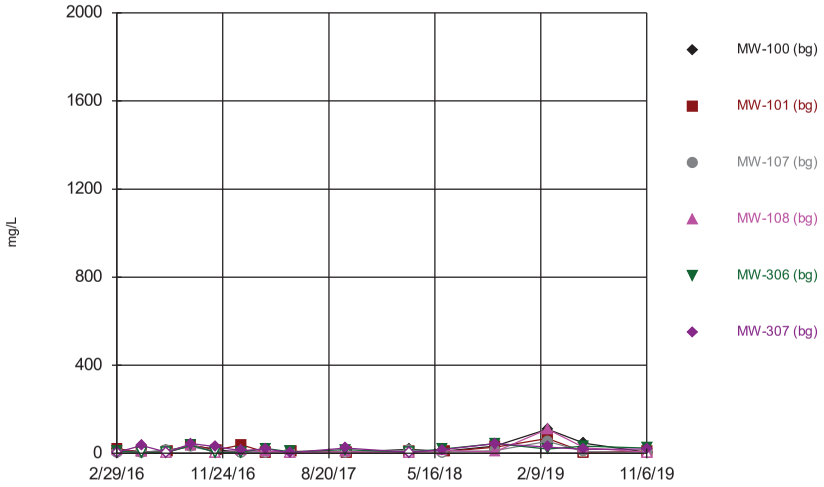
Time Series



Constituent: Thallium Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

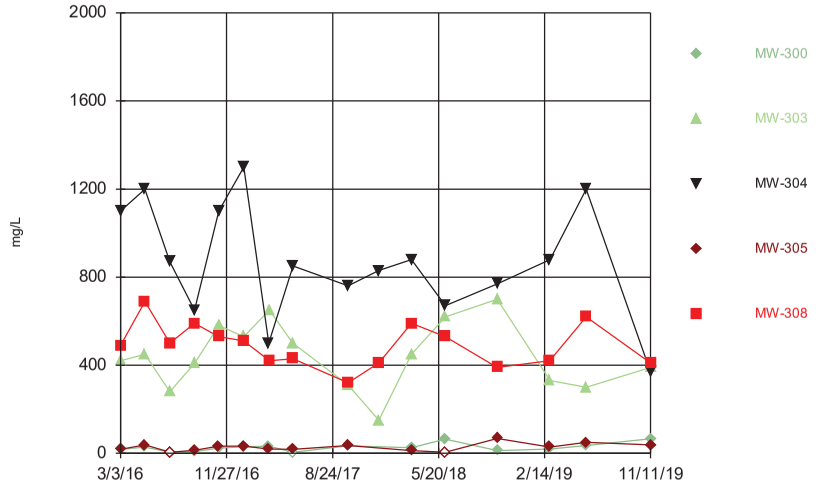
Time Series



Constituent: Total Dissolved Solids Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 3/9/2020 11:19 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/3/2016							<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025				
5/4/2016		<0.0025					<0.0025	<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
7/6/2016								<0.0025	<0.0025
7/7/2016							<0.0025		
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/7/2016							<0.0025		<0.0025
9/8/2016								<0.0025	
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016							<0.0025	<0.0025	<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/10/2017							<0.0025	<0.0025	<0.0025
1/11/2017		<0.0025							
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/15/2017							<0.0025		<0.0025
3/16/2017								<0.0025	
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	
5/16/2017							<0.0025		<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025	<0.0025	<0.0025
3/14/2018		<0.0025							
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025	<0.0025		
6/7/2018								<0.0025	<0.0025
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			
10/18/2018		<0.0025							
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025	<0.0025	<0.0025

Time Series

Constituent: Antimony (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0025	<0.0025
5/4/2016	<0.0025	<0.0025
7/6/2016		<0.0025
7/7/2016	<0.0025	
9/7/2016	<0.0025	<0.0025
11/7/2016	<0.0025	
11/8/2016		<0.0025
1/10/2017	<0.0025	<0.0025
3/15/2017	<0.0025	
3/16/2017		<0.0025
5/16/2017	<0.0025	<0.0025
3/13/2018	<0.0025	<0.0025
6/7/2018	<0.0025	<0.0025
2/27/2019		<0.0025
2/28/2019	<0.0025	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	0.00038 (J)			
3/3/2016							<0.0013	0.0018 (J)	0.009 (o)
5/2/2016	<0.0013		<0.0013	<0.0013		0.00073 (J)			
5/3/2016					<0.0013				
5/4/2016		<0.0013					<0.0013	0.0024	0.019 (o)
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	0.00077 (J)			
7/6/2016								0.0005 (J)	0.014 (o)
7/7/2016							<0.0013		
7/8/2016		<0.0013							
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013			
9/7/2016							<0.0013		0.005
9/8/2016								<0.0013	
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016							<0.0013	<0.0013	0.0035
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	0.00053 (J)			
1/10/2017							<0.0013	<0.0013	0.0051
1/11/2017		<0.0013							
3/13/2017	0.00069 (J)		<0.0013	0.00069 (J)	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/15/2017							<0.0013		0.00066 (J)
3/16/2017								0.0015	
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013		0.0012 (J)	
5/16/2017							<0.0013		0.00094 (J)
5/18/2017		<0.0013							
3/12/2018	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/13/2018							<0.0013	0.00082 (J)	0.00086 (J)
3/14/2018		<0.0013							
6/5/2018	<0.0013		<0.0013	<0.0013					
6/6/2018					<0.0013	<0.0013	<0.0013		
6/7/2018								0.0007 (J)	0.00056 (J)
6/10/2018		0.00046 (J)							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013		<0.0013	0.0005 (J)
10/18/2018		<0.0013					<0.0013		
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
2/28/2019							<0.0013	<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)	0.00014 (J)	0.00024 (J)			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0013	<0.0013
5/4/2016	<0.0013	<0.0013
7/6/2016		<0.0013
7/7/2016	<0.0013	
9/7/2016	<0.0013	<0.0013
11/7/2016	<0.0013	
11/8/2016		<0.0013
1/10/2017	<0.0013	<0.0013
3/15/2017	<0.0013	
3/16/2017		<0.0013
5/16/2017	<0.0013	<0.0013
3/13/2018	<0.0013	<0.0013
6/7/2018	<0.0013	<0.0013
10/17/2018	<0.0013	<0.0013
2/27/2019		<0.0013
2/28/2019	<0.0013	

Time Series

Constituent: Barium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	0.014	0.0097 (J)	0.013	0.013					
3/1/2016					0.012	0.015			
3/3/2016							0.01 (J)	0.024	0.045
5/2/2016	0.013		0.013	0.01		0.013			
5/3/2016					0.012				
5/4/2016		0.0095					0.012	0.025	0.035
7/5/2016	0.013		0.013	0.0089	0.011	0.017			
7/6/2016								0.025	0.036
7/7/2016							0.012		
7/8/2016		0.0093							
9/6/2016	0.016	0.011	0.013	0.01	0.012	0.017			
9/7/2016							0.011		0.026
9/8/2016								0.03	
11/7/2016	0.014		0.013	0.0096	0.012	0.023			
11/8/2016							0.011	0.032	0.042
11/10/2016		0.0092							
1/9/2017	0.015		0.012	0.011	0.013	0.016			
1/10/2017							0.011	0.027	0.041
1/11/2017		0.0092							
3/13/2017	0.015		0.013	0.011	0.013	0.016			
3/14/2017		0.0095							
3/15/2017							0.013		0.018
3/16/2017								0.04	
5/15/2017	0.015		0.011	0.0089	0.012	0.015		0.028	
5/16/2017							0.011		0.026
5/18/2017		0.0095							
3/12/2018	0.017		0.013	0.01	0.013	0.015			
3/13/2018							0.011	0.034	0.057
3/14/2018		0.0089							
6/5/2018	0.018		0.014	0.011					
6/6/2018					0.014	0.017	0.012		
6/7/2018								0.053	0.04
6/10/2018		0.0092							
10/16/2018	0.017		0.011	0.011					
10/17/2018					0.012	0.016		0.048	0.021
10/18/2018		0.0089					0.01		
2/27/2019	0.021	0.011	0.014	0.011	0.015	0.018			
2/28/2019							0.012	0.032	0.039
5/31/2019	0.02	0.0088	0.013	0.01	0.014	0.016	0.011	0.029	0.044
11/6/2019	0.019	0.0094	0.012	0.0097	0.013	0.017			
11/11/2019							0.012	0.046	0.027

Time Series

Constituent: Barium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	0.02	0.023
5/4/2016	0.017	0.029
7/6/2016		0.029
7/7/2016	0.018	
9/7/2016	0.017	0.029
11/7/2016	0.017	
11/8/2016		0.025
1/10/2017	0.016	0.022
3/15/2017	0.018	
3/16/2017		0.023
5/16/2017	0.016	0.02
3/13/2018	0.016	0.031
6/7/2018	0.016	0.026
10/17/2018	0.016	0.017
2/27/2019		0.024
2/28/2019	0.02	
5/31/2019	0.036	0.031
11/11/2019	0.026	0.02

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/1/2016					<0.0005	<0.0005			
3/3/2016							<0.0005	<0.0005	<0.0005
5/2/2016	<0.0005		<0.0005	<0.0005		<0.0005			
5/3/2016					<0.0005				
5/4/2016		<0.0005					<0.0005	<0.0005	<0.0005
7/5/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
7/6/2016								<0.0005	<0.0005
7/7/2016							<0.0005		
7/8/2016		<0.0005							
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/7/2016							<0.0005		<0.0005
9/8/2016								<0.0005	
11/7/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
11/8/2016							<0.0005	<0.0005	<0.0005
11/10/2016		<0.0005							
1/9/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
1/10/2017							<0.0005	<0.0005	<0.0005
1/11/2017		<0.0005							
3/13/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/14/2017		<0.0005							
3/15/2017							<0.0005		<0.0005
3/16/2017								<0.0005	
5/15/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
5/16/2017							<0.0005		<0.0005
5/18/2017		<0.0005							
3/12/2018	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2018							<0.0005	<0.0005	<0.0005
3/14/2018		<0.0005							
6/5/2018	<0.0005		<0.0005	<0.0005					
6/6/2018					<0.0005	<0.0005	<0.0005		
6/7/2018								<0.0005	<0.0005
6/10/2018		<0.0005							
10/16/2018	<0.0005		<0.0005	<0.0005					
10/17/2018					<0.0005	<0.0005			
10/18/2018		<0.0005							
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/28/2019							<0.0005	<0.0005	<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0005	<0.0005	<0.0005			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0005	<0.0005
5/4/2016	<0.0005	<0.0005
7/6/2016		<0.0005
7/7/2016	<0.0005	
9/7/2016	<0.0005	<0.0005
11/7/2016	<0.0005	
11/8/2016		<0.0005
1/10/2017	<0.0005	<0.0005
3/15/2017	<0.0005	
3/16/2017		<0.0005
5/16/2017	<0.0005	<0.0005
3/13/2018	<0.0005	<0.0005
6/7/2018	<0.0005	<0.0005
2/27/2019		<0.0005
2/28/2019	<0.0005	

Time Series

Constituent: Boron (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/3/2016							0.11 (J)	3.2	1.6
5/2/2016	<0.05		<0.05	<0.05		<0.05			
5/3/2016					<0.05				
5/4/2016		<0.05					<0.05	4	2.3
7/5/2016	<0.05		<0.05	<0.05	<0.05	<0.05			
7/6/2016								2.6	1.9
7/7/2016							<0.05		
7/8/2016		<0.05							
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/7/2016							0.028 (J)		0.95
9/8/2016								3.6	
11/7/2016	<0.05		<0.05	<0.05	<0.05	<0.05			
11/8/2016							0.025 (J)	5	1.8
11/10/2016		<0.05							
1/9/2017	<0.05		<0.05	<0.05	<0.05	<0.05			
1/10/2017							<0.05 (*)	4.2	1.9
1/11/2017		<0.05							
3/13/2017	<0.05		<0.05	0.022 (J)	<0.05	<0.05			
3/14/2017		<0.05							
3/15/2017							<0.05		0.38
3/16/2017								3.5	
5/15/2017	<0.05		<0.05	<0.05	<0.05	<0.05		3.2	
5/16/2017							<0.05		2
5/18/2017		<0.05							
10/2/2017	<0.05		<0.05	0.023 (J)	<0.05	<0.05			
10/3/2017							0.03 (J)	2.9	0.67
10/5/2017		<0.05							
12/20/2017								2	3
3/12/2018	<0.05		<0.05	<0.05	<0.05	<0.05			
3/13/2018							<0.05	3.4	2.9
3/14/2018		<0.05							
6/5/2018	<0.05		<0.05	<0.05					
6/6/2018					<0.05	<0.05	0.024 (J)		
6/7/2018								5.6	2.9
6/10/2018		<0.05							
10/16/2018	<0.05		<0.05	<0.05					
10/17/2018					<0.05	<0.05		7.3	1.6
10/18/2018		0.081					0.022 (J)		
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							<0.05	3.1	2.5
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2.7	3.1
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)	0.011 (V)	0.0099 (J)			
11/11/2019							0.035 (V)	9.7	10

Time Series

Constituent: Boron (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.05	2.6
5/4/2016	<0.05 (*)	5.9
7/6/2016		4.9
7/7/2016	0.034 (J)	
9/7/2016	<0.05	6.4
11/7/2016	0.045 (J)	
11/8/2016		6
1/10/2017	<0.05 (*)	5.4
3/15/2017	<0.05	
3/16/2017		4.5
5/16/2017	0.043 (J)	3.9
10/3/2017	0.026 (J)	0.93
12/20/2017		3
3/13/2018	0.07	3.6
6/7/2018	0.1	3.4
10/17/2018	0.074	2.8
2/27/2019		2.8
2/28/2019	0.027 (J)	
5/31/2019	<0.05	4.4
11/11/2019	0.036 (V)	16

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/1/2016					<0.0005	<0.0005			
3/3/2016							<0.0005	<0.0005	<0.0005
5/2/2016	<0.0005		<0.0005	<0.0005		<0.0005			
5/3/2016					<0.0005				
5/4/2016		<0.0005					<0.0005	<0.0005	<0.0005
7/5/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
7/6/2016								0.00036 (J)	<0.0005
7/7/2016							<0.0005		
7/8/2016		<0.0005							
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/7/2016							<0.0005		<0.0005
9/8/2016								0.00045 (J)	
11/7/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
11/8/2016							<0.0005	0.00065 (J)	<0.0005
11/10/2016		<0.0005							
1/9/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
1/10/2017							<0.0005	0.00051 (J)	<0.0005
1/11/2017		<0.0005							
3/13/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/14/2017		<0.0005							
3/15/2017							<0.0005		<0.0005
3/16/2017								0.00049 (J)	
5/15/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		0.00045 (J)	
5/16/2017							<0.0005		<0.0005
5/18/2017		<0.0005							
3/12/2018	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2018							<0.0005	0.00041 (J)	<0.0005
3/14/2018		<0.0005							
6/5/2018	<0.0005		<0.0005	<0.0005					
6/6/2018					<0.0005	<0.0005	<0.0005		
6/7/2018								0.00066 (J)	<0.0005
6/10/2018		<0.0005							
10/16/2018	<0.0005		<0.0005	<0.0005					
10/17/2018					<0.0005	<0.0005		0.00072 (J)	<0.0005
10/18/2018		<0.0005					<0.0005		
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/28/2019							<0.0005	0.00039 (J)	<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00034 (J)	<0.0005
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
11/11/2019							<0.0005	<0.0005	0.001 (J)

Time Series

Constituent: Cadmium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0005	<0.0005
5/4/2016	<0.0005	<0.0005
7/6/2016		<0.0005
7/7/2016	<0.0005	
9/7/2016	<0.0005	<0.0005
11/7/2016	<0.0005	
11/8/2016		<0.0005
1/10/2017	<0.0005	<0.0005
3/15/2017	<0.0005	
3/16/2017		<0.0005
5/16/2017	<0.0005	<0.0005
3/13/2018	<0.0005	<0.0005
6/7/2018	<0.0005	<0.0005
10/17/2018	<0.0005	<0.0005
2/27/2019		<0.0005
2/28/2019	<0.0005	
5/31/2019	<0.0005	<0.0005
11/11/2019	<0.0005	<0.0005

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	1	1 (J)	0.67	1.4					
3/1/2016					0.6	1.5			
3/3/2016							1 (J)	57	160
5/2/2016	0.78		0.58	1.1		0.83			
5/3/2016					0.55				
5/4/2016		0.62					1	60	140
7/5/2016	0.65		0.43	0.94	0.53	1.6			
7/6/2016								54	120
7/7/2016							0.62		
7/8/2016		0.4							
9/6/2016	0.7	0.45	0.48	1	0.5	1.6			
9/7/2016							0.6		94
9/8/2016								68	
11/7/2016	0.8		0.56	1.2	0.68	1.5			
11/8/2016							0.53	84	160
11/10/2016		0.44							
1/9/2017	0.74		0.43	1.2	0.56	0.98			
1/10/2017							0.51	64	150
1/11/2017		0.42							
3/13/2017	0.78		0.48	1.3	0.62	0.75			
3/14/2017		0.42							
3/15/2017							0.53		78
3/16/2017								78	
5/15/2017	0.76		0.37	1	0.58	0.83		63	
5/16/2017							0.48		120
5/18/2017		0.38							
10/2/2017	0.78		0.47	1.2	0.62	0.83			
10/3/2017							0.46	43	160
10/5/2017		0.39							
12/20/2017								44	120
3/12/2018	0.88		0.49	1.4	0.59	0.71			
3/13/2018							0.46	68	110
3/14/2018		0.49							
6/5/2018	0.9		0.49	1.2					
6/6/2018					0.59	0.68	0.45		
6/7/2018								89	97
6/10/2018		0.39							
10/16/2018	0.86		0.42	1.4					
10/17/2018					0.54	0.66		93	130
10/18/2018		0.41					0.48		
2/27/2019	0.96	0.44	0.56	1.3	0.63	0.7			
2/28/2019							0.44	48	120
5/31/2019	0.76	0.28	0.33	1.1	0.45	0.52	0.55	47	110
11/6/2019	0.88	0.46	0.49	1.2	0.55	0.74			
11/11/2019							0.56 (V)	73	82

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	2.5	84
5/4/2016	1.1	90
7/6/2016		72
7/7/2016	0.71	
9/7/2016	0.78	75
11/7/2016	0.82	
11/8/2016		79
1/10/2017	0.58	61
3/15/2017	0.69	
3/16/2017		62
5/16/2017	0.66	64
10/3/2017	0.68	59
12/20/2017		65
3/13/2018	0.65	77
6/7/2018	0.6	78
10/17/2018	0.73	60
2/27/2019		65
2/28/2019	0.84	
5/31/2019	2.6	84
11/11/2019	1.6 (V)	63

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	5.3	5.4	8.1	7.4					
3/1/2016					5.6	4			
3/3/2016							8.2	36	110
5/2/2016	4.4		6	6.3		3.6			
5/3/2016					5.1				
5/4/2016		4.5					8.2	47	120
7/5/2016	4.2		5.2	4.8	4.7	3.6			
7/6/2016								28	130
7/7/2016							8.3		
7/8/2016		4.9							
9/6/2016	4.3	4.3	5.5	6	4.4	4			
9/7/2016							8.1		43
9/8/2016								47	
11/7/2016	4.2		5.4	5.7	4.6	4.4			
11/8/2016							8.5	150	98
11/10/2016		4.5							
1/9/2017	5.3		6.1	6.8	5.3	4.4			
1/10/2017							9.1	110	150
1/11/2017		5.3							
3/13/2017	5.2		5.5	6.8	5.6	4.1			
3/14/2017		5.5							
3/15/2017							48		65
3/16/2017								200	
5/15/2017	4.8		4.7	6.1	5.2	3.7		120	
5/16/2017							8.9		120
5/18/2017		5							
10/2/2017	5.5		6.1	6	5.5	4.8			
10/3/2017							8.9	38	21
10/5/2017		5.6							
12/20/2017							8.8	22	79
3/12/2018	5.3		6.1	5.9	5.6	4			
3/13/2018							8.3	82	84
3/14/2018		5.2							
6/5/2018	5.3		5.5	6.5					
6/6/2018					5.6	4.1	8		
6/7/2018								170	86
6/10/2018		5.2							
10/16/2018	5.5		5.1	5.9					
10/17/2018					5.5	3.7		110	45
10/18/2018		5.2					8.1		
2/27/2019	4.6	5.1	5	4.3	5.1	4			
2/28/2019							9.1	49	110
5/31/2019	5.1	5	5.4	4.5	5.4	3.7	8.2	50	130
11/6/2019	5.8	6	6.1	5.7	5.9	4.7			
11/11/2019							8.4	63	81

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	7.9	43
5/4/2016	7	63
7/6/2016		51
7/7/2016	7.1	
9/7/2016	6.9	57
11/7/2016	8	
11/8/2016		47
1/10/2017	<7.4 (*)	45
3/15/2017	8.1	
3/16/2017		40
5/16/2017	7.8	39
10/3/2017	7.1	20
12/20/2017	7.6	63
3/13/2018	6.9	130
6/7/2018	7.3	120
10/17/2018	6.8	70
2/27/2019		94
2/28/2019	7.1	
5/31/2019	9.8	110
11/11/2019	12	62

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/2/2020 2:32 PM

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/1/2016					<0.0005	0.00056 (J)			
3/3/2016							<0.0005	<0.0005	<0.0005
5/2/2016	0.0029		0.0019 (J)	0.0034		0.0021 (J)			
5/3/2016					0.0012 (J)				
5/4/2016		<0.0005					0.0037	<0.0005	0.0012 (J)
7/5/2016	<0.0005		0.0051	0.0059	<0.0005	<0.0005			
7/6/2016								<0.0005	<0.0005
7/7/2016							<0.0005		
7/8/2016		<0.0005							
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/7/2016							<0.0005		<0.0005
9/8/2016								<0.0005	
11/7/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
11/8/2016							<0.0005	<0.0005	<0.0005
11/10/2016		<0.0005							
1/9/2017	<0.0005		0.017 (o)	<0.0005	<0.0005	<0.0005			
1/10/2017							<0.0005	<0.0005	<0.0005
1/11/2017		<0.0005							
3/13/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/14/2017		<0.0005							
3/15/2017							<0.0005		<0.0005
3/16/2017								<0.0005	
5/15/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
5/16/2017							<0.0005		<0.0005
5/18/2017		<0.0005							
3/12/2018	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2018							<0.0005	<0.0005	<0.0005
3/14/2018		<0.0005							
6/5/2018	<0.0005		<0.0005	<0.0005					
6/6/2018					<0.0005	<0.0005	<0.0005		
6/7/2018								<0.0005	<0.0005
6/10/2018		<0.0005							
10/16/2018	<0.0005		<0.0005	<0.0005					
10/17/2018					<0.0005	<0.0005			
10/18/2018		<0.0005							
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/28/2019							<0.0005	<0.0005	<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/2/2020 2:32 PM

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0005	<0.0005
5/4/2016	0.0025	<0.0005
7/6/2016		<0.0005
7/7/2016	<0.0005	
9/7/2016	<0.0005	<0.0005
11/7/2016	<0.0005	
11/8/2016		<0.0005
1/10/2017	<0.0005	<0.0005
3/15/2017	<0.0005	
3/16/2017		<0.0005
5/16/2017	<0.0005	<0.0005
3/13/2018	<0.0005	<0.0005
6/7/2018	<0.0005	<0.0005
2/27/2019		<0.0005
2/28/2019	<0.0005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/2/2020 2:32 PM

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	0.00039 (J)	<0.0005	0.00064 (J)	0.00023 (J)					
3/1/2016					0.00064 (J)	0.00071 (J)			
3/3/2016							<0.0005	<0.0005	0.19 (o)
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		0.001 (J)			
5/3/2016					0.00079 (J)				
5/4/2016		<0.0005					0.00093 (J)	0.0007 (J)	0.16 (o)
7/5/2016	0.00049 (J)		0.0027	0.0032	<0.0005	0.00055 (J)			
7/6/2016								<0.0005	0.15 (o)
7/7/2016							<0.0005		
7/8/2016		<0.0005							
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0005	0.00094 (J)	0.00057 (J)			
9/7/2016							<0.0005		0.019 (o)
9/8/2016								<0.0005	
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0005	0.00041 (J)	0.00047 (J)			
11/8/2016							<0.0005	0.00051 (J)	0.099 (o)
11/10/2016		<0.0005							
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0005	0.00074 (J)	0.00054 (J)			
1/10/2017							<0.0005	<0.0005	0.077
1/11/2017		<0.0005							
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0005	0.00091 (J)	0.0004 (J)			
3/14/2017		<0.0005							
3/15/2017							<0.0005		0.0042
3/16/2017								0.0004 (J)	
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0005	0.00075 (J)	0.00046 (J)		0.00079 (J)	
5/16/2017							<0.0005		0.0067
5/18/2017		<0.0005							
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0005	0.00044 (J)	<0.0005			
3/13/2018							<0.0005	0.00056 (J)	0.015
3/14/2018		<0.0005							
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0005					
6/6/2018					0.0004 (J)	0.00048 (J)	<0.0005		
6/7/2018								0.0007 (J)	0.014
6/10/2018		<0.0005							
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0005					
10/17/2018					<0.0005	0.00043 (J)		<0.0005	0.012
10/18/2018		<0.0005					<0.0005		
2/27/2019	0.00065 (J)	<0.0005	0.00056 (J)	<0.0005	<0.0005	0.00045 (J)			
2/28/2019							<0.0005	0.00059 (J)	0.02
5/31/2019	0.00046 (J)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00073 (J)	0.026
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	0.00029 (J)	0.00094 (J)			
11/11/2019							0.00023 (J)	0.00065 (J)	0.023

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/2/2020 2:32 PM

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	0.00085 (J)	0.00063 (J)
5/4/2016	0.001 (J)	0.00056 (J)
7/6/2016		<0.0005
7/7/2016	0.00044 (J)	
9/7/2016	0.00052 (J)	<0.0005
11/7/2016	0.00046 (J)	
11/8/2016		<0.0005
1/10/2017	0.00042 (J)	<0.0005
3/15/2017	0.00044 (J)	
3/16/2017		<0.0005
5/16/2017	<0.0005	<0.0005
3/13/2018	<0.0005	<0.0005
6/7/2018	<0.0005	<0.0005
10/17/2018	<0.0005	<0.0005
2/27/2019		<0.0005
2/28/2019	0.00042 (J)	
5/31/2019	0.00046 (J)	<0.0005
11/11/2019	0.00063 (J)	<0.0005

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	1.27	1.09	1.42	2.4					
3/1/2016					0.647	<5			
3/3/2016							4.62	5.43	9.46
5/2/2016	0.808		1.03	1.62		<5			
5/3/2016					0.748				
5/4/2016		0.848					5.36	5.52	9.66
7/5/2016	0.947		0.961	1.01	0.591	<5			
7/6/2016								12.9	2.84
7/7/2016							6.27		
7/8/2016		1.46							
9/6/2016	1.07	1.34	1.07	1.8	0.831	0.566			
9/7/2016							5.25		4.49
9/8/2016								3.73	
11/7/2016	0.602		0.818	1.86	0.983	0.784			
11/8/2016							5.64	5.61	7.47
11/10/2016		1.23							
1/9/2017	0.865		0.934	2.25	0.767	0.541			
1/10/2017							5.39	4.33	9.6
1/11/2017		1.11							
3/13/2017	0.693		0.937	1.87	1.26	0.442			
3/14/2017		1.01							
3/15/2017							5.72		2.22
3/16/2017								6.34	
5/15/2017	0.786		0.685	1.4	0.553	0.345		5.77	
5/16/2017							4.84		3.89
5/18/2017		0.745							
3/12/2018	0.933		1.09	1.97	0.783	0.848			
3/13/2018							5.59	5.94	5.25
3/14/2018		0.614							
6/5/2018	0.713		0.927	2.17					
6/6/2018					1.08	0.78	3.96		
6/7/2018								5.79	4.1
6/10/2018		0.959							
10/16/2018	2.14		1.07	2.2					
10/17/2018					1.19	0.88		6.31	3.15
10/18/2018		0.944					5.75		
2/27/2019	0.651	0.827	0.912	1.8	0.741	0.431			
2/28/2019							4.82	5.4	5.21
5/31/2019	1.33	0.99	1.24	1.8	0.759	0.884	4.06	4.37	6.03
11/6/2019	1.32	0.892	0.509 (U)	2.32	0.105 (U)	0.366 (U)			
11/11/2019							5.43	5.71	5.15

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	1.67	2.29
5/4/2016	1.18	2.58
7/6/2016		3.08
7/7/2016	1.24	
9/7/2016	1.49	3.04
11/7/2016	1.32	
11/8/2016		2.96
1/10/2017	2.16	3.5
3/15/2017	1.14	
3/16/2017		2.9
5/16/2017	1.26	1.47
3/13/2018	1.29	2.96
6/7/2018	1.25	2.45
10/17/2018	1.24	2.7
2/27/2019		2.61
2/28/2019	1.55	
5/31/2019	1.9	3.62
11/11/2019	1.58	2

Time Series

Constituent: Field pH (SU) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	5.11	5.26	5.11	4.9					
3/1/2016					5.08	6.37			
3/3/2016							5.11	6.16	5.185 (D)
5/2/2016	4.76		4.77	4.69		5.605 (D)			
5/3/2016					5.14				
5/4/2016		5.1					5.13	6.3	5.02 (D)
7/5/2016	5.12		5.48	7.11 (o)	5.38	6.29			
7/6/2016								7.07	4.93
7/7/2016							4.96		
7/8/2016		4.96							
9/6/2016	5.11	5.43	5.12	5.19	5.37	6.42			
9/7/2016							4.88		5.36
9/8/2016								6.72	
11/7/2016	4.76		4.73	4.64	4.92	5.75			
11/8/2016							4.54	6.55	5.26
11/10/2016		4.89							
1/9/2017	4.99		5	4.94	5.05	5.98			
1/10/2017							4.83	6.72	5.04
1/11/2017		4.87							
3/13/2017	4.57		4.74	4.63	4.87	5.81			
3/14/2017		4.71							
3/15/2017							4.82		5.91
3/16/2017								6.5	
5/15/2017	4.6		4.63	4.52	4.69	5.42		6.15	
5/16/2017							4.53		5.36
5/18/2017		4.5							
10/2/2017	4.64		4.63	4.54	4.88	5.63			
10/3/2017							4.44	6.48	6.36
10/5/2017		4.63							
12/20/2017							4.63	6.99 (R)	5.86
3/12/2018	4.85		4.81	4.81	5.07	5.6			
3/13/2018							4.78	6.61	5.41
3/14/2018		5.14							
6/5/2018	4.92		5.04	4.9					
6/6/2018					5.09	5.58	4.67		
6/7/2018								6.48	5.37
6/10/2018		5.12							
10/16/2018	4.93		4.98	4.81					
10/17/2018					4.99	5.54		6.58	5.94
10/18/2018		4.97					4.71		
2/27/2019	4.75	4.84	4.78	4.71	4.87	5.4			
2/28/2019							4.71	6.53	5.64
5/31/2019	4.9	4.92	4.92	4.84	4.89	5.45	4.62	6.25	5.41
11/6/2019	4.82	4.94	4.88	4.78	5.04	5.52			
11/11/2019							4.77	6.68	5.18

Time Series

Constituent: Field pH (SU) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	5.33	6.62 (D)
5/4/2016	5.13	6.345 (D)
7/6/2016		6.42
7/7/2016	5.19	
9/7/2016	4.9	6.01
11/7/2016	4.78	
11/8/2016		6.02
1/10/2017	4.96	6
3/15/2017	4.89	
3/16/2017		6.12
5/16/2017	4.53	6.13
10/3/2017	4.64	5.47
12/20/2017	4.87	6.07 (R)
3/13/2018	4.91	6.26
6/7/2018	4.8	6.36
10/17/2018	4.87	6.18
2/27/2019		6.49
2/28/2019	4.86	
5/31/2019	4.84	6.65
11/11/2019	4.9	6.75

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/3/2016							0.041 (J)	0.15	0.12
5/2/2016	<0.1		<0.1	<0.1		<0.1			
5/3/2016					<0.1				
5/4/2016		<0.1					<0.1	0.11	0.19
7/5/2016	<0.1		<0.1	<0.1	<0.1	<0.1			
7/6/2016								0.13	0.15
7/7/2016							<0.1		
7/8/2016		<0.1							
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/7/2016							<0.1		0.06 (J)
9/8/2016								0.12	
11/7/2016	<0.1		<0.1	<0.1	<0.1	<0.1			
11/8/2016							<0.1	0.13	0.09 (J)
11/10/2016		<0.1							
1/9/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
1/10/2017							<0.1	0.15	<0.1
1/11/2017		<0.1							
3/13/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
3/14/2017		<0.1							
3/15/2017							<0.1		<0.1
3/16/2017								0.16	
5/15/2017	<0.1		<0.1	<0.1	<0.1	<0.1		0.2	
5/16/2017							<0.1		0.04 (J)
5/18/2017		<0.1							
10/2/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
10/3/2017							<0.1	0.25	0.07 (J)
10/5/2017		<0.1							
12/20/2017								0.25	
3/12/2018	<0.1		<0.1	<0.1	<0.1	<0.1			
3/13/2018							<0.1	0.26	<0.1
3/14/2018		0.12							
6/5/2018	<0.1		<0.1	<0.1					
6/6/2018					<0.1	<0.1	<0.1		
6/7/2018								0.28	<0.1
6/10/2018		<0.1							
10/16/2018	<0.1		<0.1	<0.1					
10/17/2018					<0.1	<0.1		0.29	0.06 (J)
10/18/2018		<0.1					<0.1		
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							<0.1	0.28	<0.1
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.33	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/11/2019							<0.1	0.26	<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	0.035 (J)	0.11
5/4/2016	<0.1	0.07 (J)
7/6/2016		0.07 (J)
7/7/2016	<0.1	
9/7/2016	<0.1	0.06 (J)
11/7/2016	<0.1	
11/8/2016		0.06 (J)
1/10/2017	<0.1	0.04 (J)
3/15/2017	<0.1	
3/16/2017		0.06 (J)
5/16/2017	<0.1	0.09 (J)
10/3/2017	<0.1	0.13
12/20/2017		0.1
3/13/2018	<0.1	0.1
6/7/2018	<0.1	0.14
10/17/2018	<0.1	0.14
2/27/2019		0.16
2/28/2019	<0.1	
5/31/2019	<0.1	0.2
11/11/2019	<0.1	0.16

Time Series

Constituent: Lead (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025					
3/1/2016					<0.00025	<0.00025			
3/3/2016							<0.00025	<0.00025	<0.00025
5/2/2016	<0.00025		<0.00025	<0.00025		<0.00025			
5/3/2016					<0.00025				
5/4/2016		<0.00025					<0.00025	<0.00025	0.00086 (J)
7/5/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
7/6/2016								<0.00025	0.0014
7/7/2016							<0.00025		
7/8/2016		<0.00025							
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025			
9/7/2016							<0.00025		0.00056 (J)
9/8/2016								<0.00025	
11/7/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
11/8/2016							<0.00025	<0.00025	0.00047 (J)
11/10/2016		<0.00025							
1/9/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
1/10/2017							<0.00025	<0.00025	0.00041 (J)
1/11/2017		<0.00025							
3/13/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
3/14/2017		<0.00025							
3/15/2017							<0.00025		<0.00025
3/16/2017								<0.00025	
5/15/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025		<0.00025	
5/16/2017							<0.00025		<0.00025
5/18/2017		<0.00025							
3/12/2018	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
3/13/2018							<0.00025	<0.00025	<0.00025
3/14/2018		<0.00025							
6/5/2018	<0.00025		<0.00025	<0.00025					
6/6/2018					<0.00025	<0.00025	<0.00025		
6/7/2018								<0.00025	<0.00025
6/10/2018		<0.00025							
10/16/2018	<0.00025		<0.00025	<0.00025					
10/17/2018					<0.00025	<0.00025			
10/18/2018		<0.00025							
2/27/2019	<0.00025	<0.00025	0.001 (J)	<0.00025	<0.00025	<0.00025			
2/28/2019							<0.00025	<0.00025	<0.00025
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025			
11/6/2019	0.0001 (J)	<0.00025	6.6E-05 (J)	8.4E-05 (J)	<0.00025	0.0002 (J)			

Time Series

Constituent: Lead (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.00025	<0.00025
5/4/2016	<0.00025	<0.00025
7/6/2016		<0.00025
7/7/2016	<0.00025	
9/7/2016	<0.00025	<0.00025
11/7/2016	<0.00025	
11/8/2016		<0.00025
1/10/2017	<0.00025	<0.00025
3/15/2017	<0.00025	
3/16/2017		<0.00025
5/16/2017	<0.00025	<0.00025
3/13/2018	<0.00025	<0.00025
6/7/2018	<0.00025	<0.00025
2/27/2019		<0.00025
2/28/2019	<0.00025	

Time Series

Constituent: Lithium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.001	<0.001	<0.001	<0.001					
3/1/2016					<0.001	0.0037			
3/3/2016							<0.001	0.037	<0.001
5/2/2016	<0.001		<0.001	<0.001		<0.001			
5/3/2016					<0.001				
5/4/2016		<0.001					<0.001	0.029	<0.001
7/5/2016	<0.001		<0.001	<0.001	<0.001	<0.001			
7/6/2016								0.024	0.0044 (J)
7/7/2016							<0.001		
7/8/2016		<0.001							
9/6/2016	<0.001	0.0037 (J)	<0.001	<0.001	<0.001	<0.001			
9/7/2016							<0.001		<0.001
9/8/2016								0.022	
11/7/2016	<0.001		<0.001	<0.001	<0.001	0.0097 (o)			
11/8/2016							<0.001	0.026	<0.001
11/10/2016		<0.001							
1/9/2017	<0.001		<0.001	<0.001	<0.001	<0.001			
1/10/2017							<0.001	0.024	<0.001
1/11/2017		<0.001							
3/13/2017	<0.001		<0.001	<0.001	<0.001	<0.001			
3/14/2017		<0.001							
3/15/2017							<0.001		<0.001
3/16/2017								0.029	
5/15/2017	<0.001		<0.001	<0.001	<0.001	<0.001		0.025	
5/16/2017							<0.001		<0.001
5/18/2017		<0.001							
3/12/2018	0.0011 (J)		0.0014 (J)	<0.001	<0.001	<0.001			
3/13/2018							<0.001	0.03	<0.001
3/14/2018		<0.001							
6/5/2018	<0.001		0.0012 (J)	<0.001					
6/6/2018					<0.001	0.0021 (J)	<0.001		
6/7/2018								0.025	0.0012 (J)
6/10/2018		<0.001							
10/16/2018	<0.001		0.0015 (J)	0.0013 (J)					
10/17/2018					<0.001	0.0012 (J)		0.024	<0.001
10/18/2018		0.0013 (J)					<0.001		
2/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	0.002 (J)			
2/28/2019							<0.001	0.021	<0.001
5/31/2019	0.0021 (J)	0.0013 (J)	0.0017 (J)	0.0017 (J)	0.0015 (J)	0.0026 (J)	0.0014 (J)	0.021	0.0023 (J)
11/6/2019	0.0011	0.001	0.0011	<0.001	0.00063 (J)	0.0012			
11/11/2019							0.00062 (J)	0.023	0.0034

Time Series

Constituent: Lithium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.001	<0.001
5/4/2016	<0.001	<0.001
7/6/2016		<0.001
7/7/2016	<0.001	
9/7/2016	<0.001	<0.001
11/7/2016	<0.001	
11/8/2016		<0.001
1/10/2017	<0.001	<0.001
3/15/2017	<0.001	
3/16/2017		<0.001
5/16/2017	<0.001	<0.001
3/13/2018	<0.001	<0.001
6/7/2018	0.0014 (J)	0.0011 (J)
10/17/2018	<0.001	<0.001
2/27/2019		0.0011 (J)
2/28/2019	<0.001	
5/31/2019	<0.001	0.0021 (J)
11/11/2019	0.00054 (J)	0.0013

Time Series

Constituent: Mercury (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002					
3/1/2016					<0.0002	<0.0002			
3/3/2016							<0.0002	<0.0002	8.6E-05 (J)
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002		<0.0002			
5/3/2016					<0.0002				
5/4/2016		<0.0002					<0.0002	<0.0002	0.00026
7/5/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
7/6/2016								<0.0002	0.0012
7/7/2016							<0.0002		
7/8/2016		<0.0002 (*)							
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002 (*)			
9/7/2016							<0.0002		<0.0002
9/8/2016								<0.0002	
11/7/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
11/8/2016							<0.0002	<0.0002	0.00065
11/10/2016		<0.0002							
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)	<0.0002 (*)	<0.0002 (*)			
1/10/2017							<0.0002	<0.0002	<0.0002
1/11/2017		<0.0002							
3/13/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/14/2017		<0.0002 (*)							
3/15/2017							<0.0002		<0.0002
3/16/2017								<0.0002	
5/15/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	
5/16/2017							<0.0002		0.00042
5/18/2017		<0.0002							
3/12/2018	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/13/2018							<0.0002	<0.0002	0.00039
3/14/2018		9.3E-05 (J)							
6/5/2018	<0.0002		<0.0002	<0.0002					
6/6/2018					<0.0002	<0.0002	<0.0002		
6/7/2018								<0.0002	0.00033
6/10/2018		<0.0002							
10/16/2018	<0.0002		<0.0002	<0.0002					
10/17/2018					<0.0002	<0.0002		<0.0002	0.00041
10/18/2018		<0.0002					<0.0002		
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
2/28/2019							<0.0002	<0.0002	0.00055
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00054
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
11/11/2019							<0.0002	<0.0002	0.0011

Time Series

Constituent: Mercury (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0002	<0.0002
5/4/2016	<0.0002	<0.0002
7/6/2016		<0.0002 (*)
7/7/2016	<0.0002	
9/7/2016	<0.0002	<0.0002
11/7/2016	<0.0002	
11/8/2016		<0.0002
1/10/2017	<0.0002	<0.0002
3/15/2017	<0.0002	
3/16/2017		<0.0002
5/16/2017	<0.0002	<0.0002
3/13/2018	<0.0002	<0.0002
6/7/2018	<0.0002	<0.0002
10/17/2018	<0.0002	<0.0002
2/27/2019		<0.0002
2/28/2019	<0.0002	
5/31/2019	<0.0002	<0.0002
11/11/2019	<0.0002	<0.0002

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.003	<0.003	<0.003	<0.003					
3/1/2016					<0.003	<0.003			
3/3/2016							<0.003	0.99	<0.003
5/2/2016	<0.003		<0.003	<0.003		<0.003			
5/3/2016					<0.003				
5/4/2016		<0.003					<0.003	0.99	<0.003
7/5/2016	<0.003		<0.003	<0.003	<0.003	<0.003			
7/6/2016								1.9	0.0018 (J)
7/7/2016							<0.003		
7/8/2016		<0.003							
9/6/2016	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
9/7/2016							<0.003		0.0029 (J)
9/8/2016								2.4	
11/7/2016	<0.003		<0.003	<0.003	<0.003	<0.003			
11/8/2016							<0.003	2.2	<0.003
11/10/2016		<0.003							
1/9/2017	<0.003		<0.003	<0.003	<0.003	<0.003			
1/10/2017							<0.003	2.1	<0.003 (*)
1/11/2017		<0.003							
3/13/2017	0.0042 (J)		<0.003	0.0022 (J)	<0.003	<0.003			
3/14/2017		<0.003							
3/15/2017							<0.003		<0.003
3/16/2017								1.6	
5/15/2017	<0.003		<0.003	<0.003	<0.003	<0.003		1.2	
5/16/2017							<0.003		<0.003 (*)
5/18/2017		<0.003							
3/12/2018	<0.003		<0.003	<0.003	<0.003	<0.003			
3/13/2018							<0.003	1	0.0033 (J)
3/14/2018		<0.003							
6/5/2018	<0.003		0.00088 (J)	<0.003					
6/6/2018					<0.003	<0.003	<0.003		
6/7/2018								1.1	0.0065 (J)
6/10/2018		<0.003							
10/16/2018	<0.003		<0.003	<0.003					
10/17/2018					<0.003	<0.003		1.1	0.0043 (J)
10/18/2018		<0.003					<0.003		
2/27/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
2/28/2019							<0.003	0.77	0.0028 (J)
5/31/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.64	<0.003
11/6/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
11/11/2019							<0.003	0.85	0.0056 (J)

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.003	<0.003
5/4/2016	<0.003	<0.003
7/6/2016		<0.003
7/7/2016	<0.003	
9/7/2016	<0.003	<0.003
11/7/2016	<0.003	
11/8/2016		<0.003
1/10/2017	<0.003	<0.003
3/15/2017	<0.003	
3/16/2017		<0.003
5/16/2017	<0.003 (*)	<0.003
3/13/2018	<0.003	<0.003
6/7/2018	0.0016 (J)	0.00098 (J)
10/17/2018	<0.003	<0.003
2/27/2019		<0.003
2/28/2019	<0.003	
5/31/2019	<0.003	<0.003
11/11/2019	<0.003	<0.003

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025					
3/1/2016					<0.00025	<0.00025			
3/3/2016							<0.00025	0.008	0.0041 (J)
5/2/2016	<0.00025		<0.00025	0.00025 (J)		<0.00025			
5/3/2016					<0.00025				
5/4/2016		<0.00025					<0.00025	0.0068	0.008
7/5/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
7/6/2016								0.0061	0.0056
7/7/2016							<0.00025		
7/8/2016		<0.00025							
9/6/2016	0.00049 (J)	<0.00025	<0.00025	0.00027 (J)	<0.00025	<0.00025			
9/7/2016							<0.00025		0.0045
9/8/2016								0.0065	
11/7/2016	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
11/8/2016							<0.00025	0.0046	0.0055
11/10/2016		<0.00025							
1/9/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025			
1/10/2017							<0.00025	0.0045	0.0056
1/11/2017		0.00049 (J)							
3/13/2017	0.0023		<0.00025	0.0025	<0.00025	<0.00025			
3/14/2017		<0.00025							
3/15/2017							<0.00025		0.0088
3/16/2017								0.0079	
5/15/2017	<0.00025		<0.00025	<0.00025	<0.00025	<0.00025		0.0064	
5/16/2017							<0.00025		0.0029
5/18/2017		<0.00025							
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)	0.00026 (J)	<0.00025			
3/13/2018							<0.00025	0.0037	0.0065
3/14/2018		0.00067 (J)							
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)					
6/6/2018					0.00025 (J)	0.00026 (J)	<0.00025		
6/7/2018								0.0054	0.0047
6/10/2018		0.00028 (J)							
10/16/2018	<0.00025		<0.00025	<0.00025					
10/17/2018					<0.00025	<0.00025		0.0026	0.05 (o)
10/18/2018		<0.00025					<0.00025		
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025			
2/28/2019							<0.00025	0.002	0.0011 (J)
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	0.0041	0.0045
11/6/2019	<0.00025	<0.00025	<0.00025	0.00034	<0.00025	<0.00025			
11/11/2019							<0.00025	0.0031	0.0067

Time Series

Constituent: Selenium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.00025	0.0051 (J)
5/4/2016	<0.00025	0.0049
7/6/2016		0.0066
7/7/2016	<0.00025	
9/7/2016	<0.00025	0.0073
11/7/2016	<0.00025	
11/8/2016		0.0058
1/10/2017	<0.00025	0.0058
3/15/2017	<0.00025	
3/16/2017		0.006
5/16/2017	<0.00025	0.0058
3/13/2018	<0.00025	0.0048
6/7/2018	<0.00025	0.0061
10/17/2018	<0.00025	0.0023
2/27/2019		0.0033
2/28/2019	<0.00025	
5/31/2019	<0.00025	0.0031
11/11/2019	0.00027	0.002

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<5	<5	<5	1.6 (J)					
3/1/2016					<5	<5			
3/3/2016							<5	180	550
5/2/2016	15 (o)		<5	2.1 (J)		<5			
5/3/2016					<5				
5/4/2016		<5					<5	200	520
7/5/2016	<5		<5	2 (J)	<5	<5			
7/6/2016								150	510
7/7/2016							<5		
7/8/2016		<5							
9/6/2016	<5	<5	<5	1.8 (J)	<5	3.7 (J)			
9/7/2016							<5		340
9/8/2016								160	
11/7/2016	<5		<5	1.7 (J)	<5	<5			
11/8/2016							<5	230	630
11/10/2016		<5							
1/9/2017	<5		2.6 (J)	1.5 (J)	<5	<5			
1/10/2017							<5	190	580
1/11/2017		<5							
3/13/2017	2.5 (J)		<5	2.2 (J)	<5	<5			
3/14/2017		<5							
3/15/2017							<5 (*)		250
3/16/2017								190	
5/15/2017	<5		<5	1.9 (J)	<5	<5		190	
5/16/2017							<5		410
5/18/2017		<5 (X)							
10/2/2017	<5		<5	3.4 (J)	1.5 (J)	1.7 (J)			
10/3/2017							<5	130	440
10/5/2017		<5							
12/20/2017								85	400
3/12/2018	<5		<5	2.6 (J)	<5	<5			
3/13/2018							<5	160	460
3/14/2018		<5							
6/5/2018	<5		<5	2.6 (J)					
6/6/2018					<5	<5	<5		
6/7/2018								280	420
6/10/2018		1.5 (J)							
10/16/2018	<5		<5	2.8 (J)					
10/17/2018					<5	<5		250	320
10/18/2018		<5					<5		
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	<5	<5			
2/28/2019							<5	140	490
5/31/2019	<5	<5	<5	3.3 (J)	<5	<5	<5	140	500
11/6/2019	<5	<5	<5	3.7 (J)	<5	<5			
11/11/2019							<5	230	340

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<5	230
5/4/2016	<5	280
7/6/2016		270
7/7/2016	<5	
9/7/2016	<5	280
11/7/2016	<5	
11/8/2016		280
1/10/2017	<5	240
3/15/2017	<5 (*)	
3/16/2017		220
5/16/2017	<5	200
10/3/2017	<5	180
12/20/2017		170
3/13/2018	1.5 (J)	210
6/7/2018	<5	210
10/17/2018	<5	140
2/27/2019		150
2/28/2019	2.6 (J)	
5/31/2019	12	210
11/11/2019	5.5	170

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0001	<0.0001	<0.0001	<0.0001					
3/1/2016					<0.0001	<0.0001			
3/3/2016							<0.0001	0.00023 (J)	0.00015 (J)
5/2/2016	<0.0001		<0.0001	<0.0001		<0.0001			
5/3/2016					<0.0001				
5/4/2016		<0.0001					<0.0001	0.00021 (J)	0.00021 (J)
7/5/2016	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
7/6/2016								0.00016 (J)	0.00022 (J)
7/7/2016							<0.0001		
7/8/2016		<0.0001							
9/6/2016	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
9/7/2016							<0.0001		0.0001 (J)
9/8/2016								0.00015 (J)	
11/7/2016	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
11/8/2016							<0.0001	0.00017 (J)	0.00014 (J)
11/10/2016		<0.0001							
1/9/2017	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
1/10/2017							<0.0001	0.00018 (J)	0.00018 (J)
1/11/2017		<0.0001							
3/13/2017	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
3/14/2017		<0.0001							
3/15/2017							<0.0001		<0.0001
3/16/2017								0.00024 (J)	
5/15/2017	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		0.00022 (J)	
5/16/2017							<0.0001		9.5E-05 (J)
5/18/2017		<0.0001							
3/12/2018	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001			
3/13/2018							<0.0001	0.00022 (J)	0.00017 (J)
3/14/2018		<0.0001							
6/5/2018	<0.0001		<0.0001	<0.0001					
6/6/2018					<0.0001	<0.0001	<0.0001		
6/7/2018								0.00022 (J)	0.00017 (J)
6/10/2018		<0.0001							
10/16/2018	<0.0001		<0.0001	<0.0001					
10/17/2018					<0.0001	<0.0001		0.00019 (J)	0.00011 (J)
10/18/2018		<0.0001					<0.0001		
2/27/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
2/28/2019							<0.0001	0.00018 (J)	0.00016 (J)
5/31/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
11/6/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
11/11/2019							<0.0001	0.00023 (J)	0.00029 (J)

Time Series

Constituent: Thallium (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0001	0.00023 (J)
5/4/2016	<0.0001	0.00026 (J)
7/6/2016		0.00032 (J)
7/7/2016	<0.0001	
9/7/2016	<0.0001	0.00036 (J)
11/7/2016	<0.0001	
11/8/2016		0.00032 (J)
1/10/2017	<0.0001	0.00033 (J)
3/15/2017	<0.0001	
3/16/2017		0.00029 (J)
5/16/2017	<0.0001	0.00027 (J)
3/13/2018	<0.0001	0.00028 (J)
6/7/2018	<0.0001	0.00026 (J)
10/17/2018	<0.0001	0.00022 (J)
2/27/2019		0.00022 (J)
2/28/2019	<0.0001	
5/31/2019	<0.0001	<0.0001
11/11/2019	<0.0001	0.00023 (J)

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	20	20	<5	12					
3/1/2016					10	<5			
3/3/2016							18	420	1100
5/2/2016	<5		<5	6		36			
5/3/2016					<5				
5/4/2016		6					28	450	1200
7/5/2016	12		14	<5	<5	<5			
7/6/2016								280	870
7/7/2016							<5		
7/8/2016		6							
9/6/2016	36	36	30	38	36	44			
9/7/2016							8		650
9/8/2016								410	
11/7/2016	18		8	<5	<5	30			
11/8/2016							24	580	1100
11/10/2016		16							
1/9/2017	4 (J)		<5	14	<5	12			
1/10/2017							30	530	1300
1/11/2017		38							
3/13/2017	6		<5	8	22	20			
3/14/2017		<5							
3/15/2017							32		500
3/16/2017								650	
5/15/2017	<5		<5	<5	6	4 (J)		500	
5/16/2017							<5		850
5/18/2017		10							
10/2/2017	<5		<5	6	16	24			
10/3/2017							34	310	760
10/5/2017		<5							
12/20/2017								150	830
3/12/2018	18		14	<5	<5	<5			
3/13/2018							26	450	880
3/14/2018		8							
6/5/2018	10		<5	14					
6/6/2018					20	16	64		
6/7/2018								620	670
6/10/2018		8							
10/16/2018	32		12	6					
10/17/2018					44	44		700	770
10/18/2018		28					12		
2/27/2019	110	68	54	110	20	28			
2/28/2019							20	330	880
5/31/2019	46	<5	8	26	32	18	36	300	1200
11/6/2019	<5	10	4 (J)	<5	24	20			
11/11/2019							66	390	370

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/9/2020 11:23 AM View: Descriptive - 300 Series

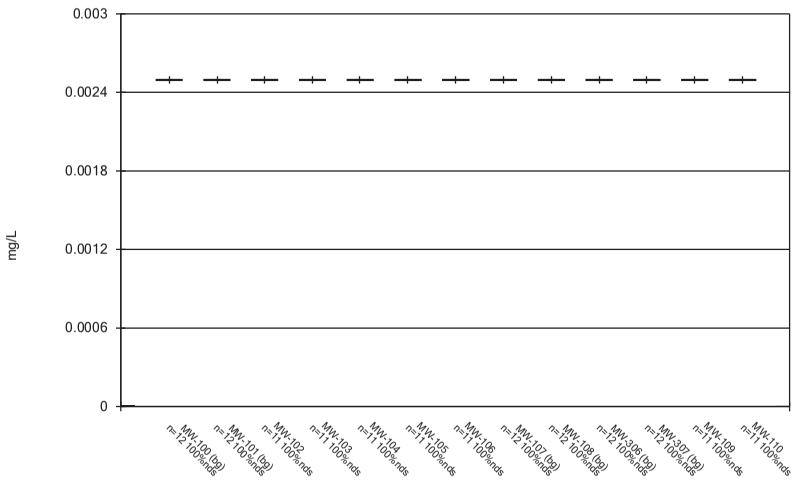
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	18	490
5/4/2016	38	690
7/6/2016		500
7/7/2016	<5	
9/7/2016	14	590
11/7/2016	32	
11/8/2016		530
1/10/2017	32	510
3/15/2017	20	
3/16/2017		420
5/16/2017	18	430
10/3/2017	36	320
12/20/2017		410
3/13/2018	12	590
6/7/2018	<5	530
10/17/2018	68	390
2/27/2019		420
2/28/2019	28	
5/31/2019	50	620
11/11/2019	38	410

Box Plots - 100, 200 & 300 Series

100 Series

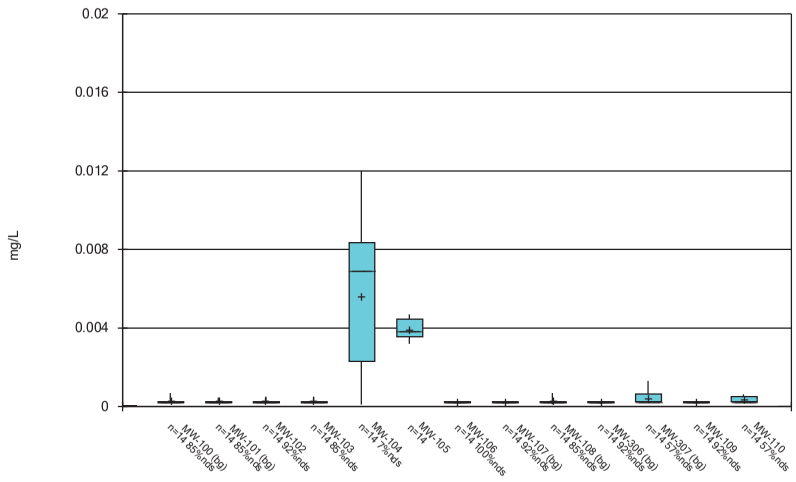
Box & Whiskers Plot



Constituent: Antimony Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

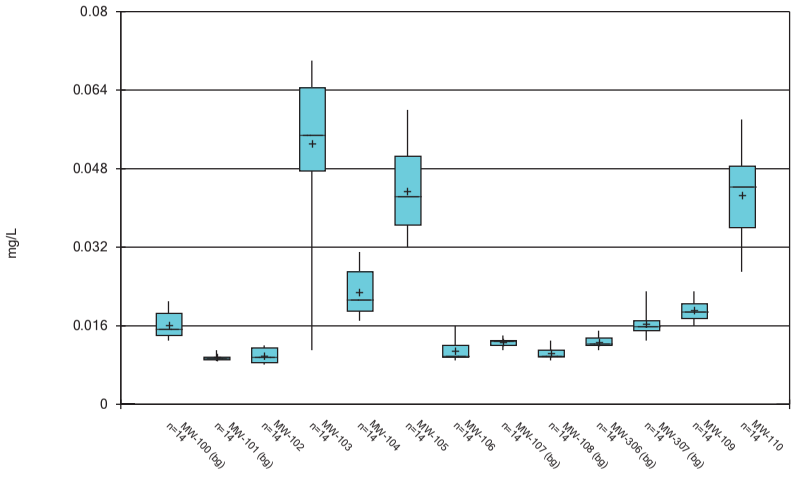
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

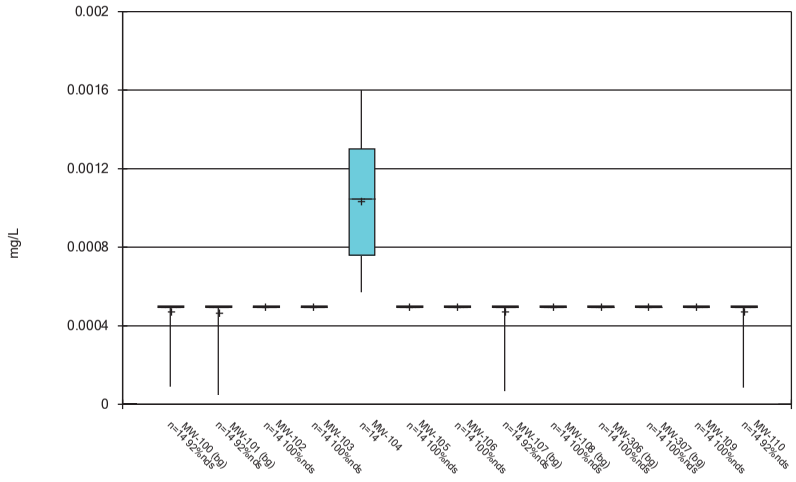
Box & Whiskers Plot



Constituent: Barium Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

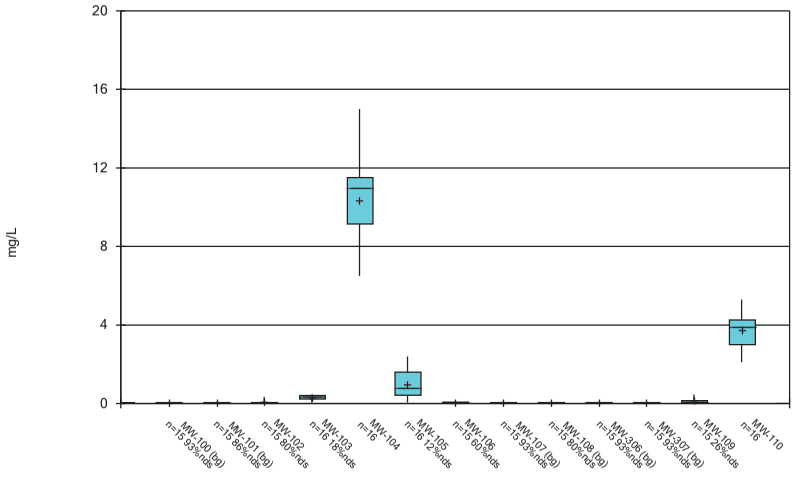
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

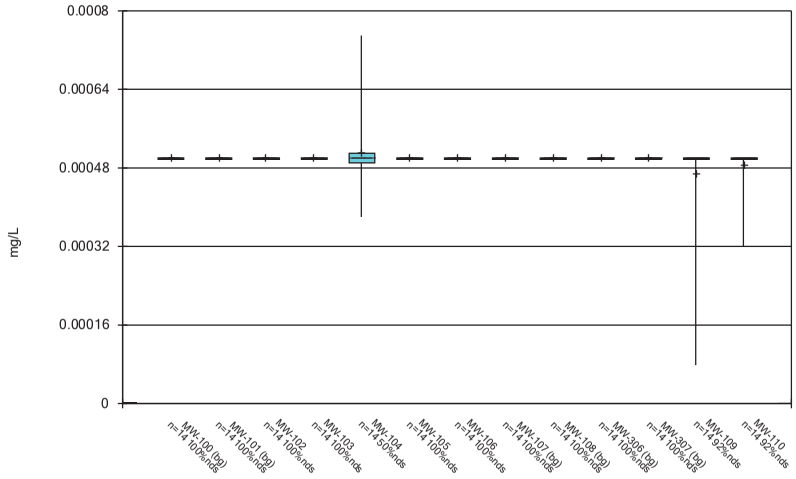
Box & Whiskers Plot



Constituent: Boron Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

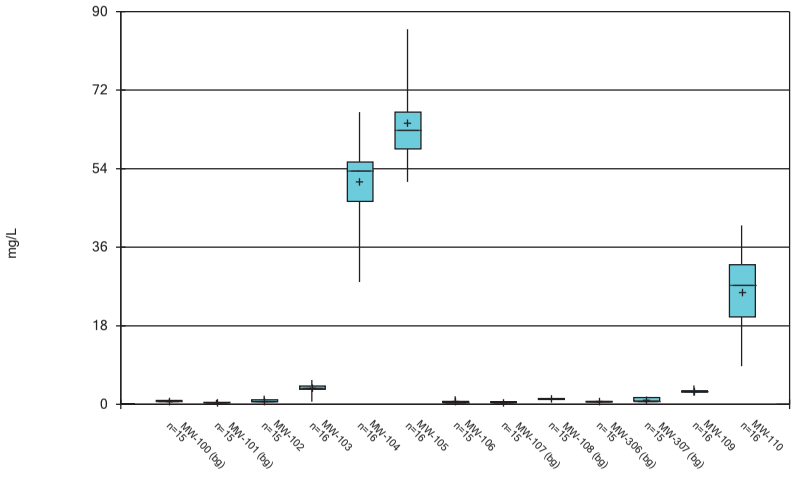
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

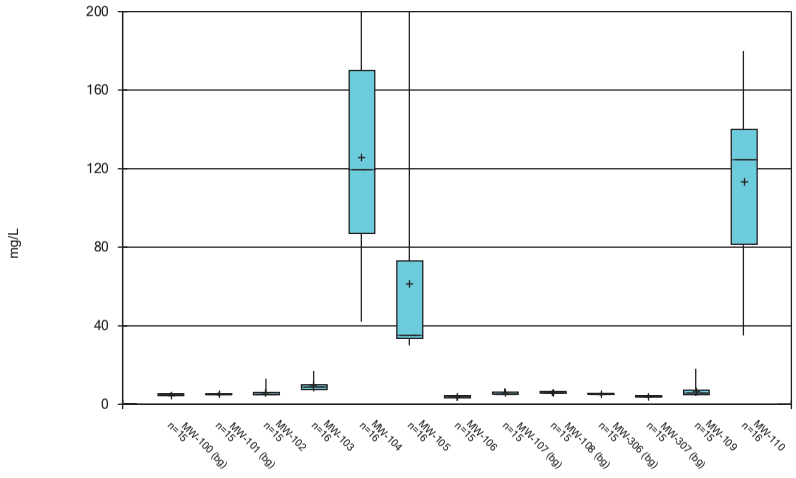
Box & Whiskers Plot



Constituent: Calcium Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

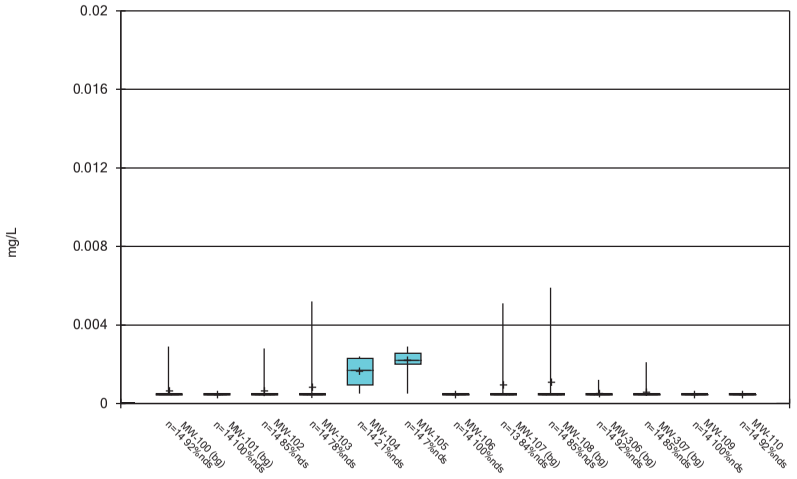
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

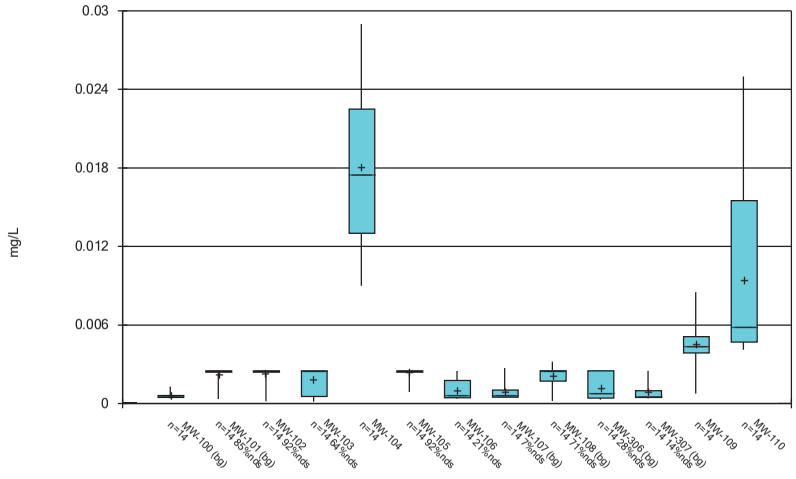
Box & Whiskers Plot



Constituent: Chromium Analysis Run 3/9/2020 10:53 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

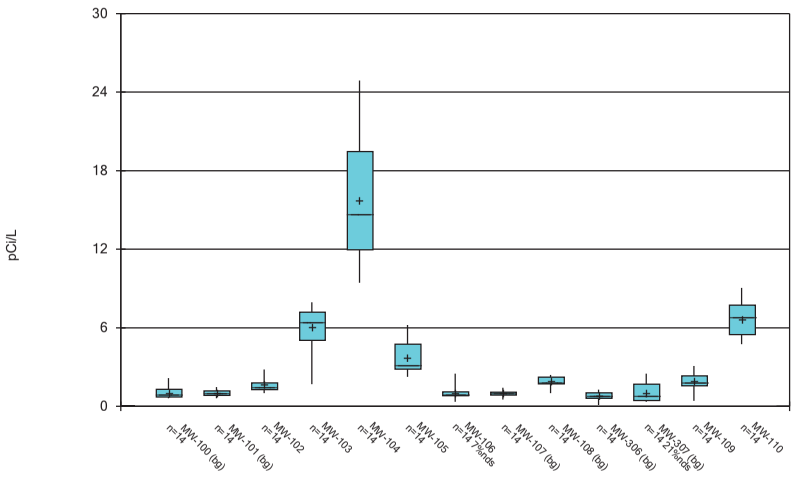
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

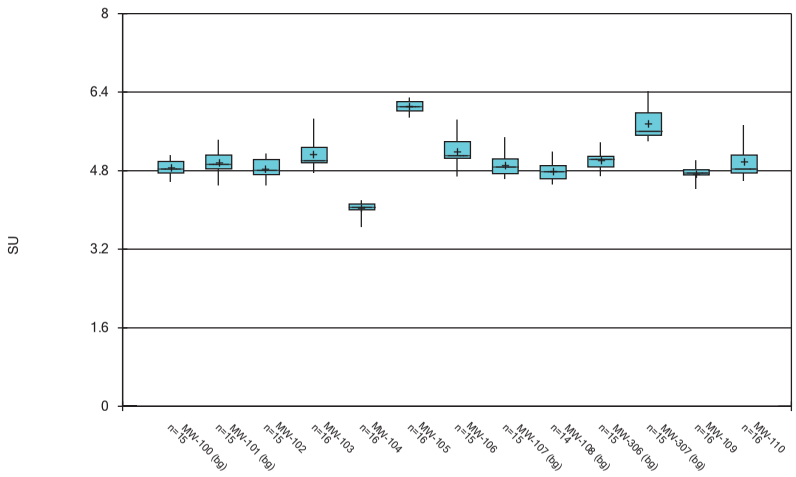
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Serie
Plant Crist Client: Gulf Power Data: Plant Crist CCR

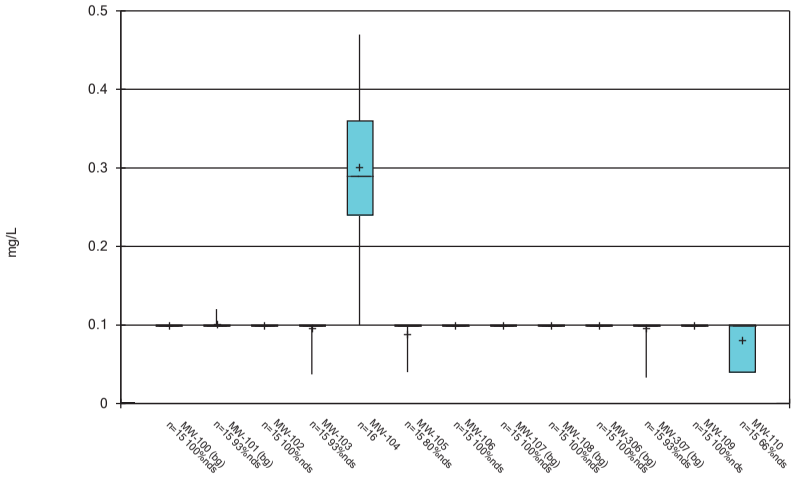
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

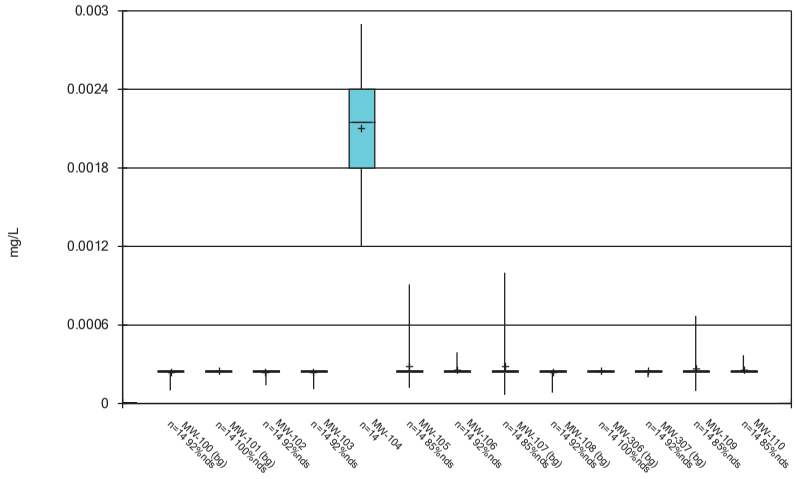
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

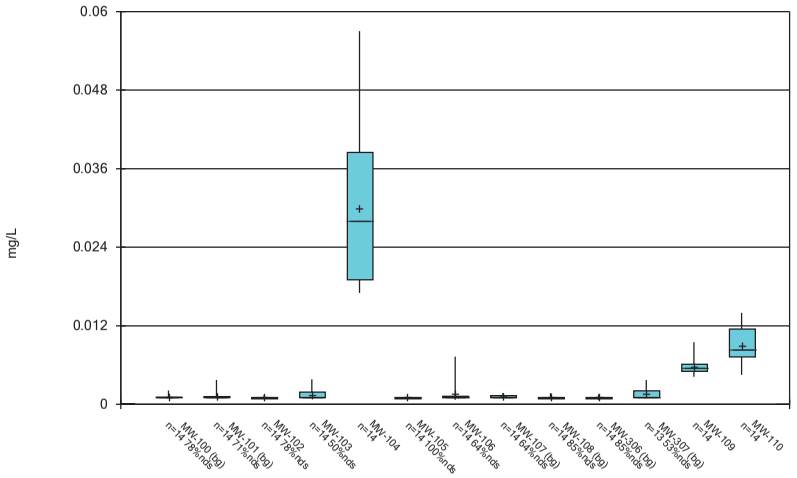
Box & Whiskers Plot



Constituent: Lead Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

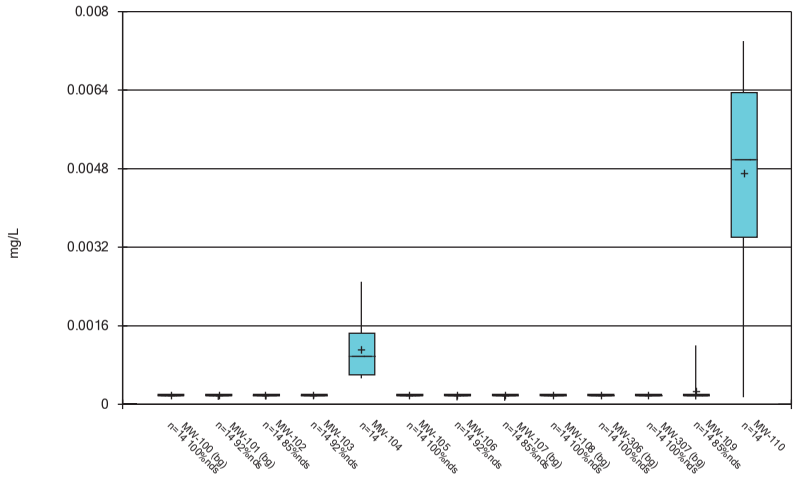
Box & Whiskers Plot



Constituent: Lithium Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

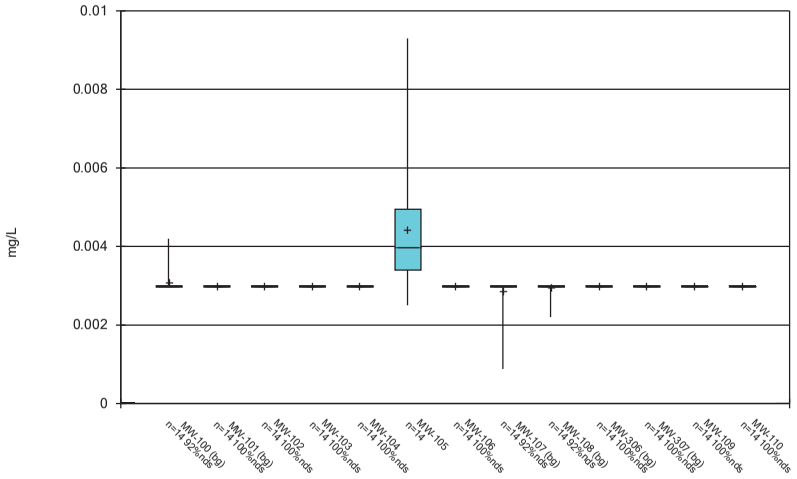
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

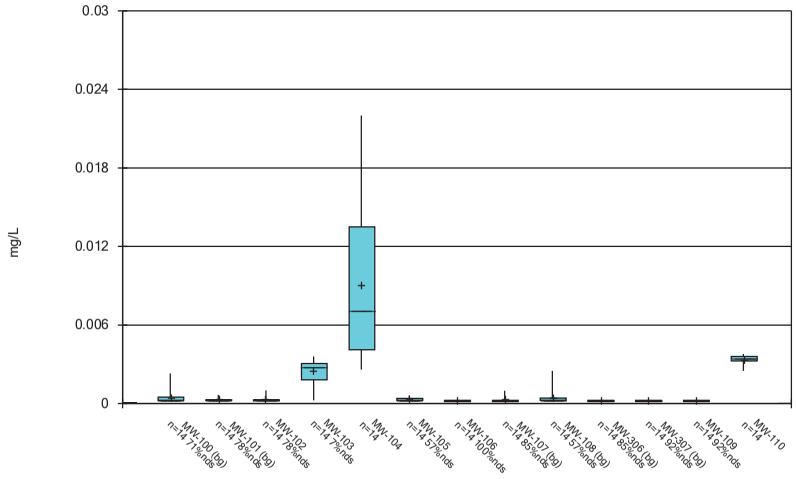
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

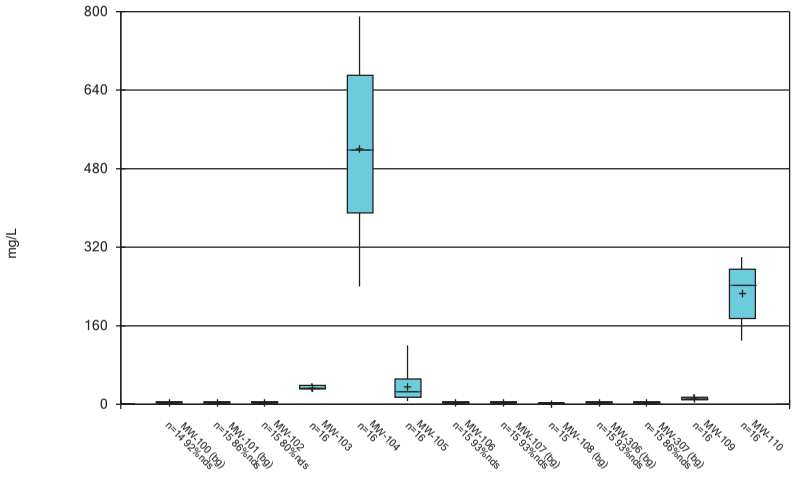
Box & Whiskers Plot



Constituent: Selenium Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

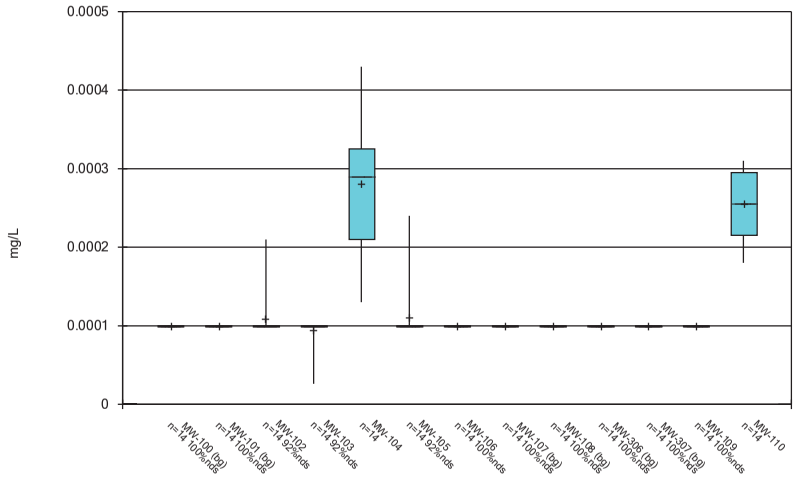
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

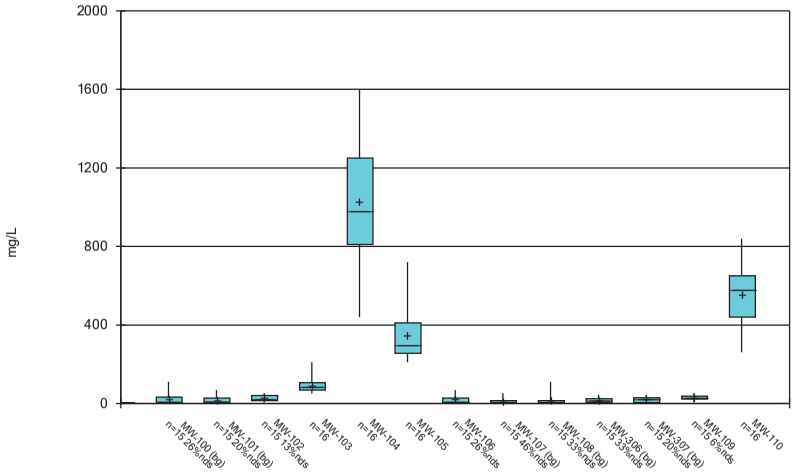
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot

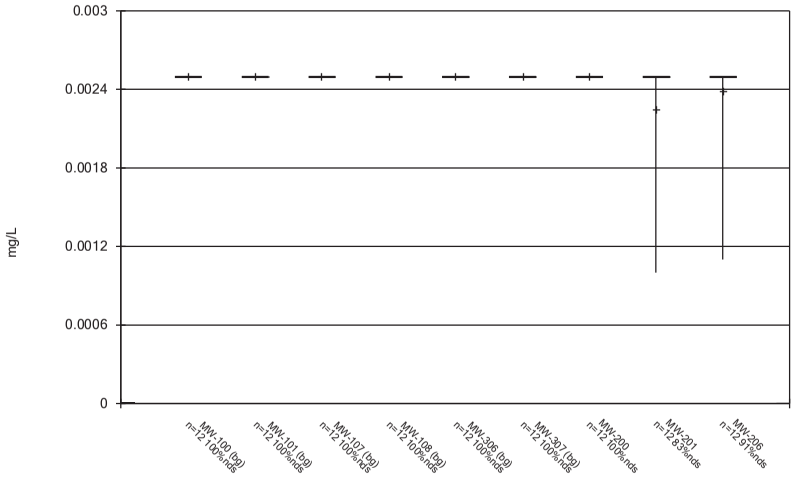


Constituent: Total Dissolved Solids Analysis Run 3/9/2020 10:54 AM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

200 Series

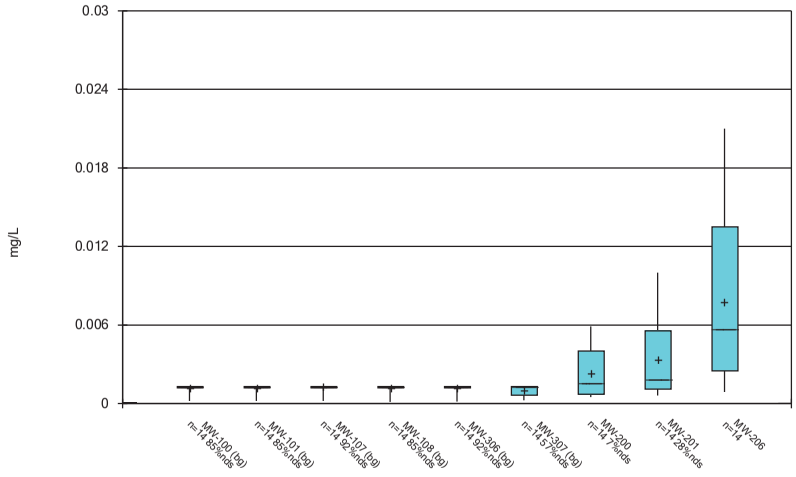
Box & Whiskers Plot



Constituent: Antimony Analysis Run 3/9/2020 11:16 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

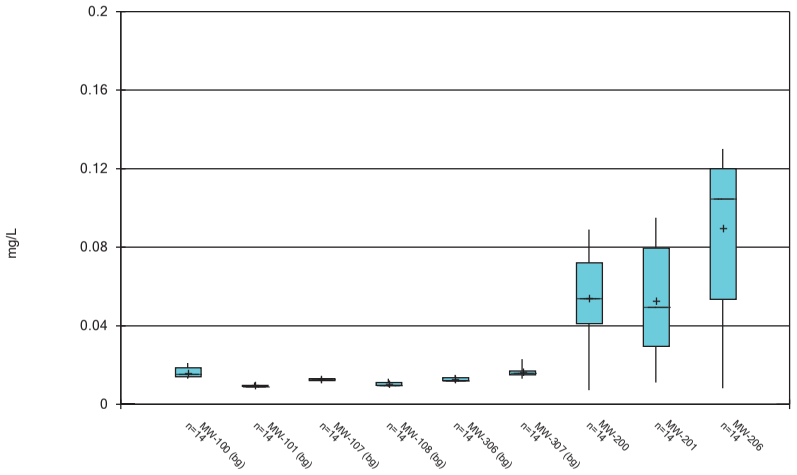
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 3/9/2020 11:16 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

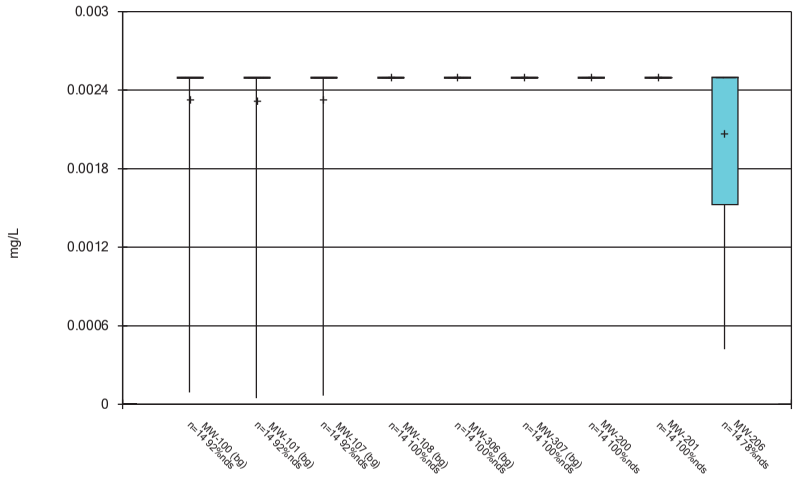
Box & Whiskers Plot



Constituent: Barium Analysis Run 3/9/2020 11:16 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

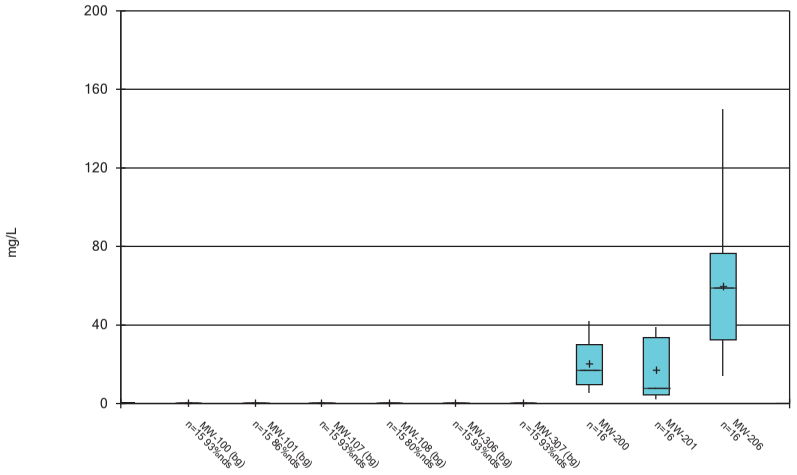
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 3/9/2020 11:16 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

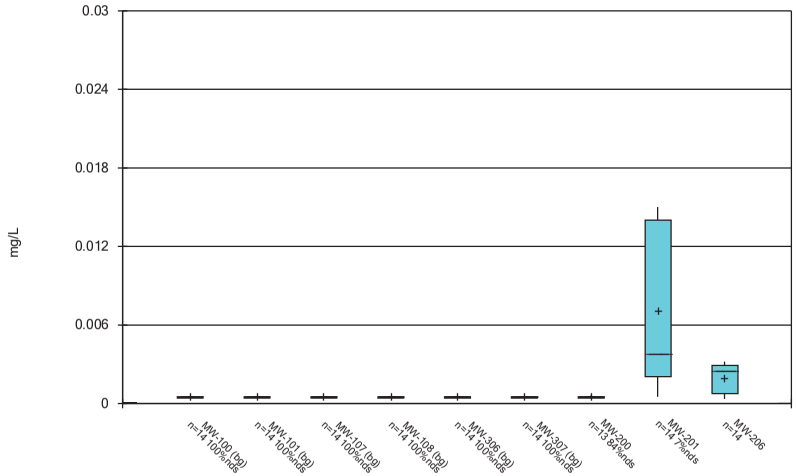
Box & Whiskers Plot



Constituent: Boron Analysis Run 3/9/2020 11:16 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

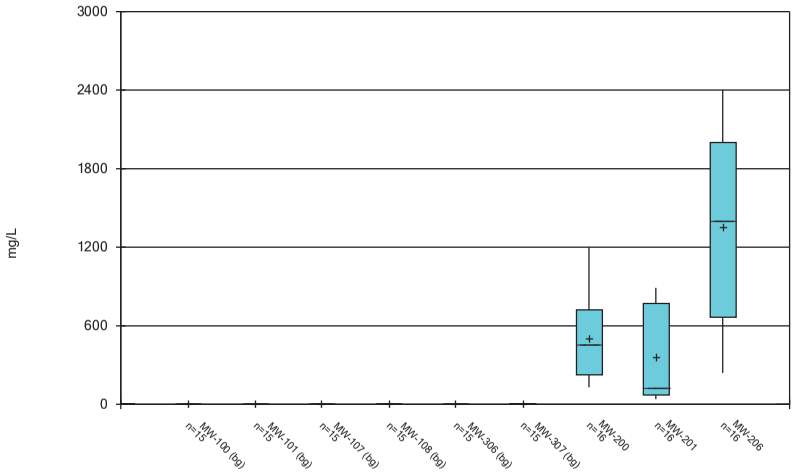
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 3/9/2020 11:16 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

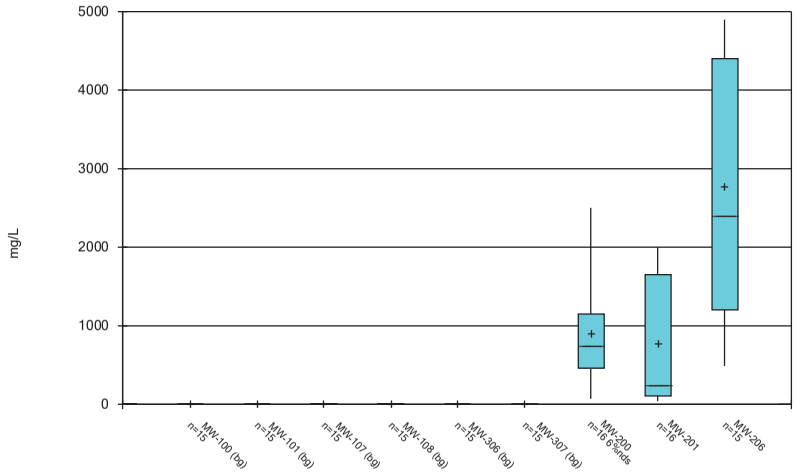
Box & Whiskers Plot



Constituent: Calcium Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

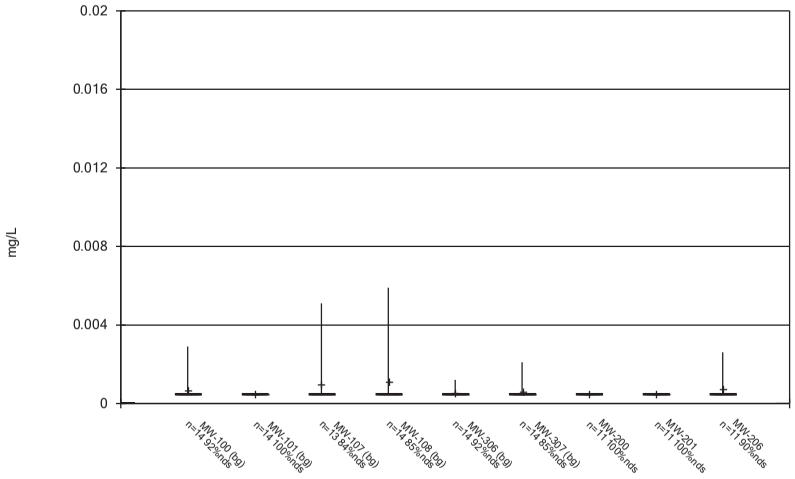
Box & Whiskers Plot



Constituent: Chloride Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

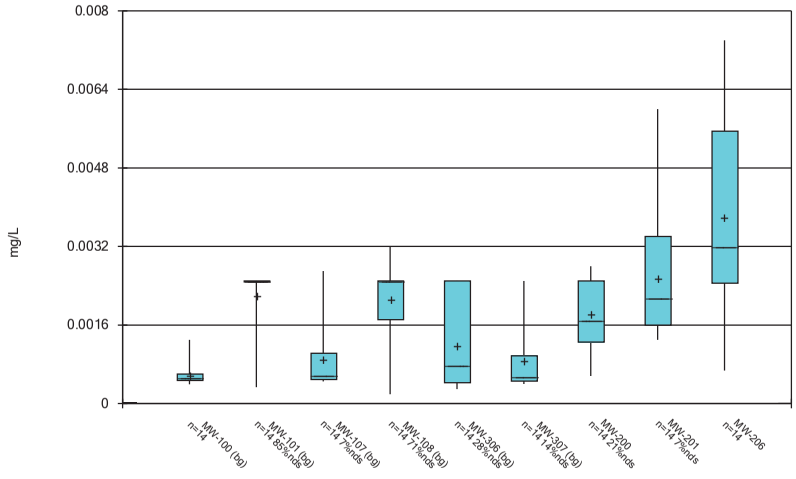
Box & Whiskers Plot



Constituent: Chromium Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

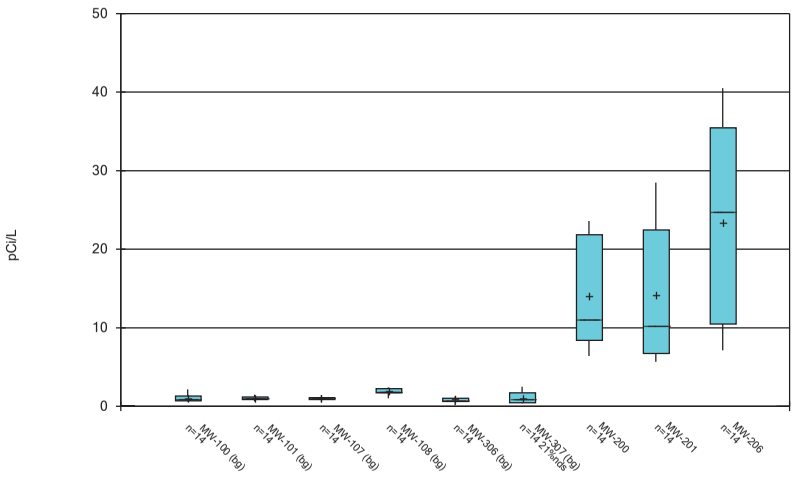
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

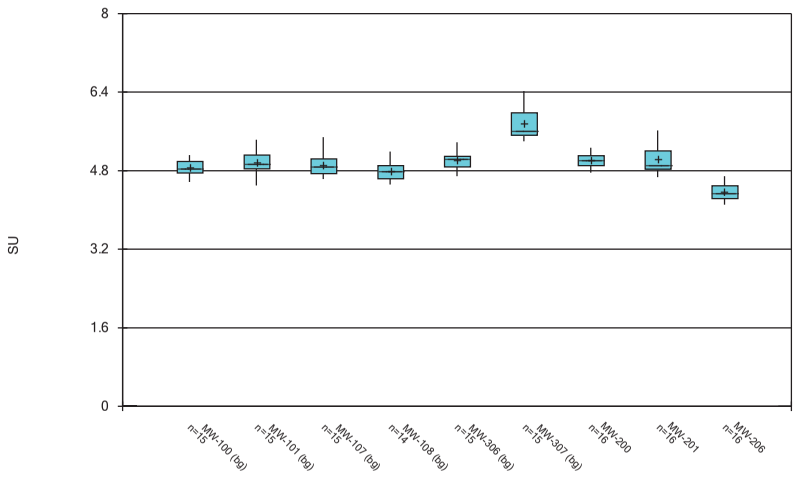
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Serie
Plant Crist Client: Gulf Power Data: Plant Crist CCR

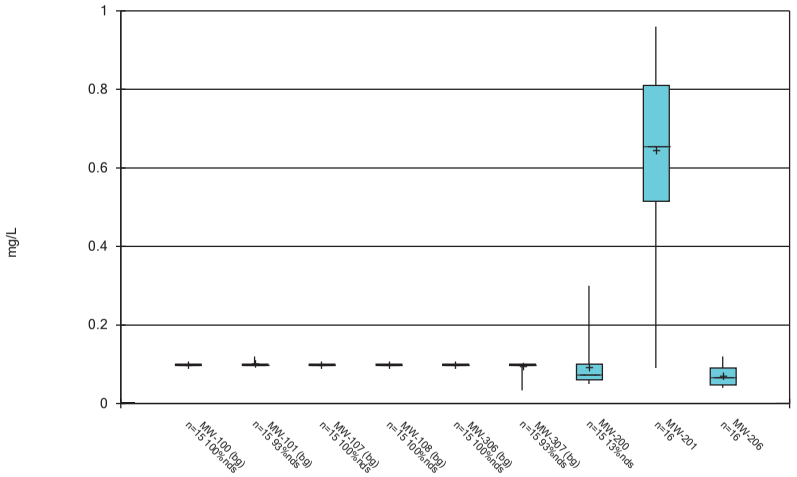
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

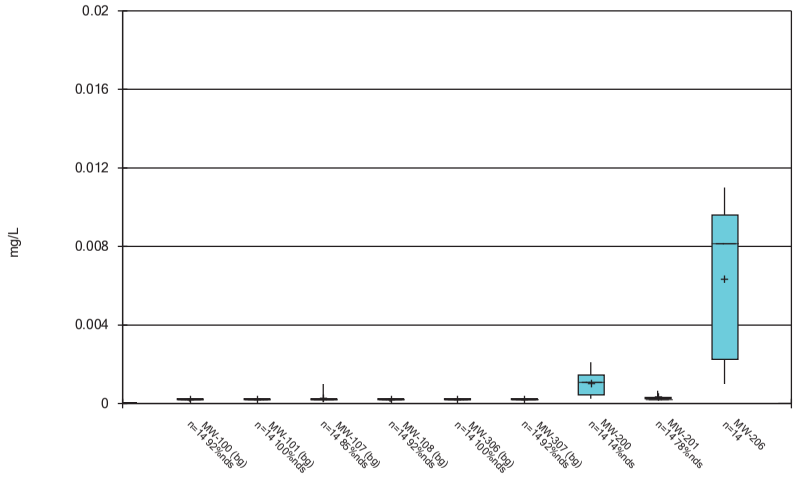
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

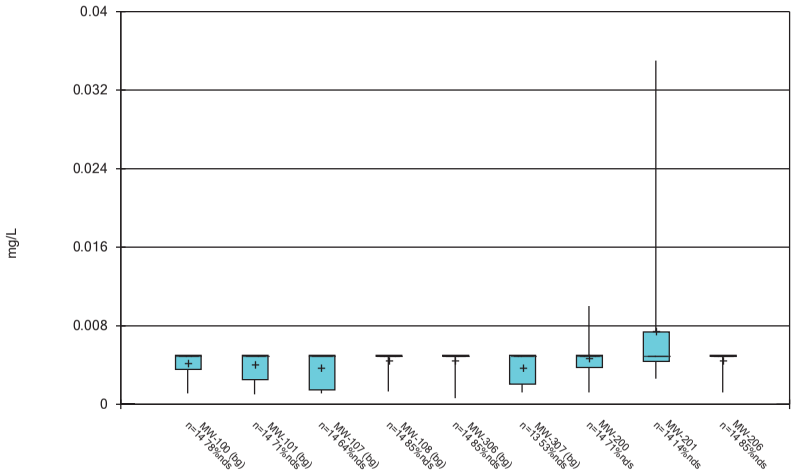
Box & Whiskers Plot



Constituent: Lead Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

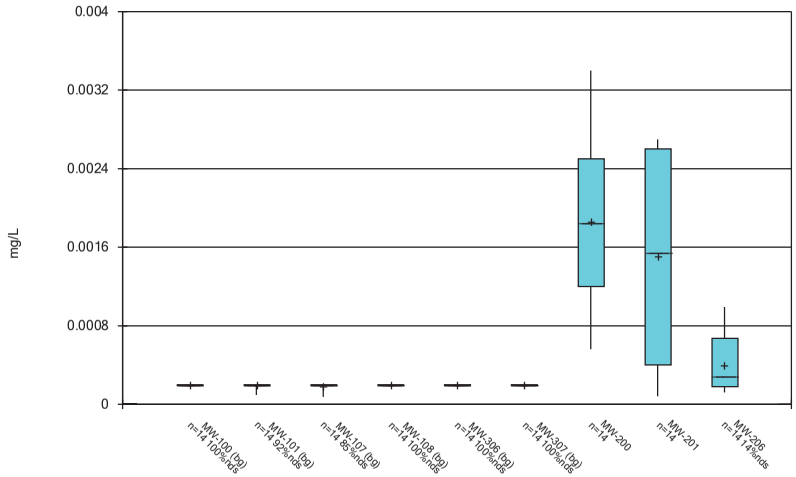
Box & Whiskers Plot



Constituent: Lithium Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

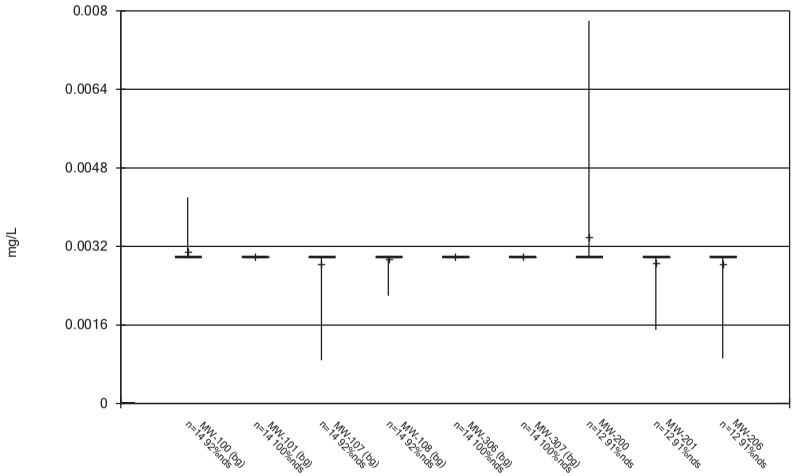
Box & Whiskers Plot



Constituent: Mercury Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

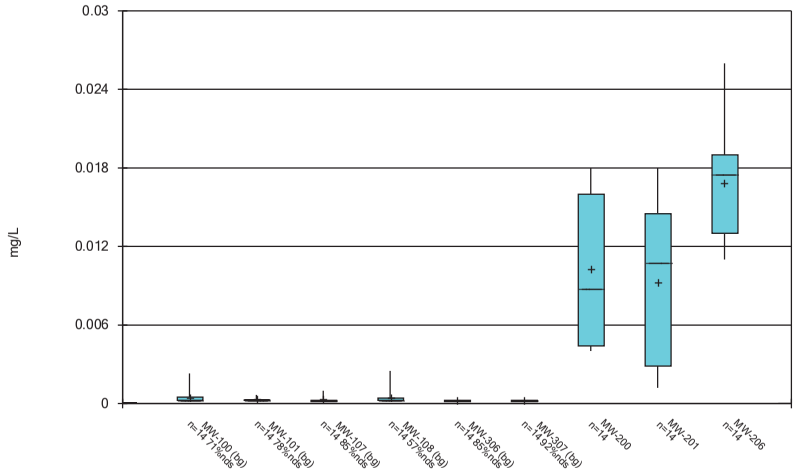
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

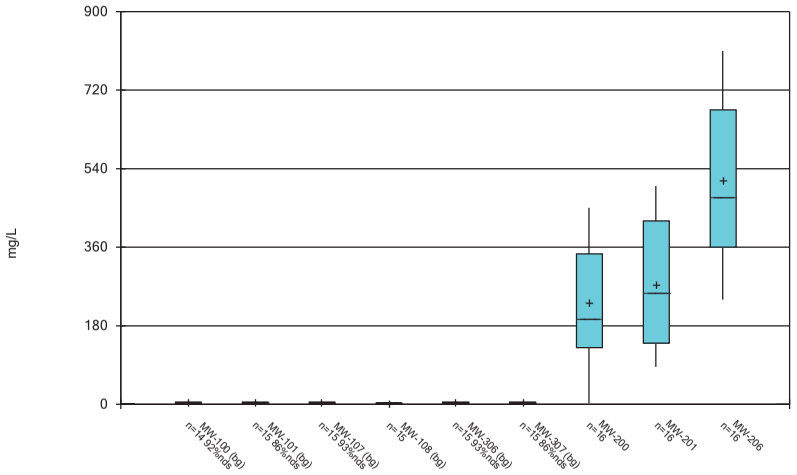
Box & Whiskers Plot



Constituent: Selenium Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

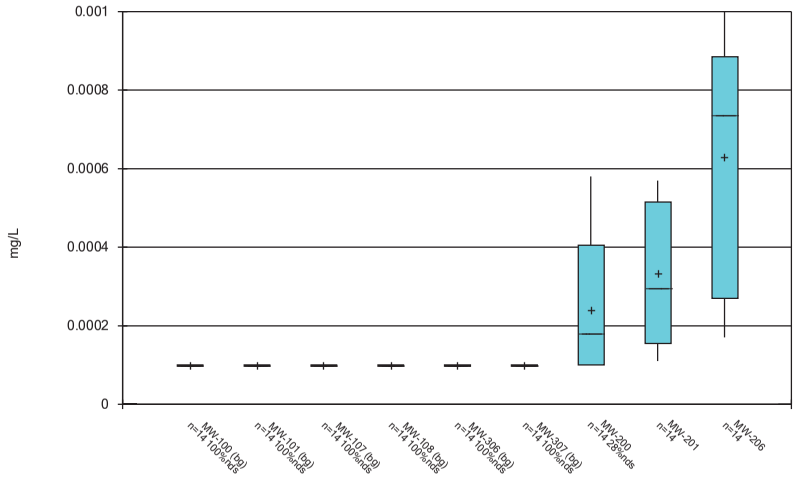
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 3/9/2020 11:17 AM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



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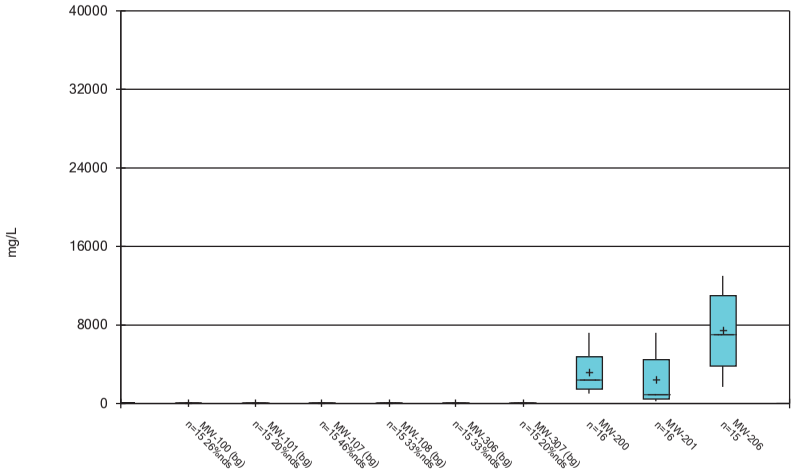
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



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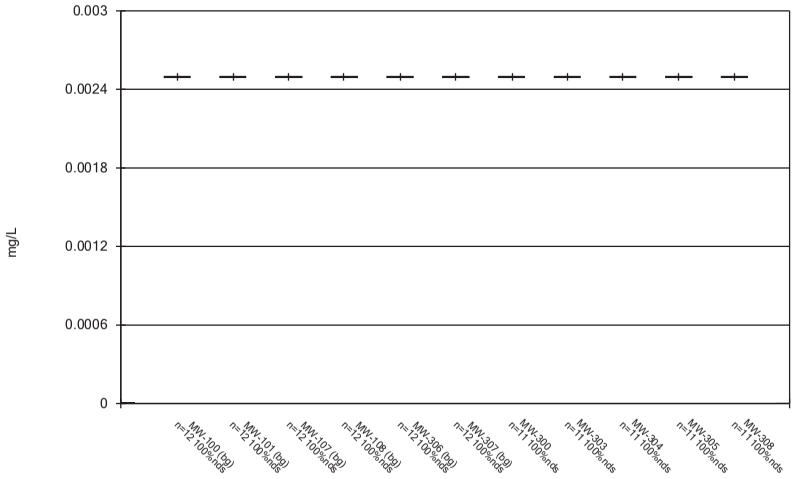
Plant Crist Client: Gulf Power Data: Plant Crist CCR

300 Series

Box & Whiskers Plot



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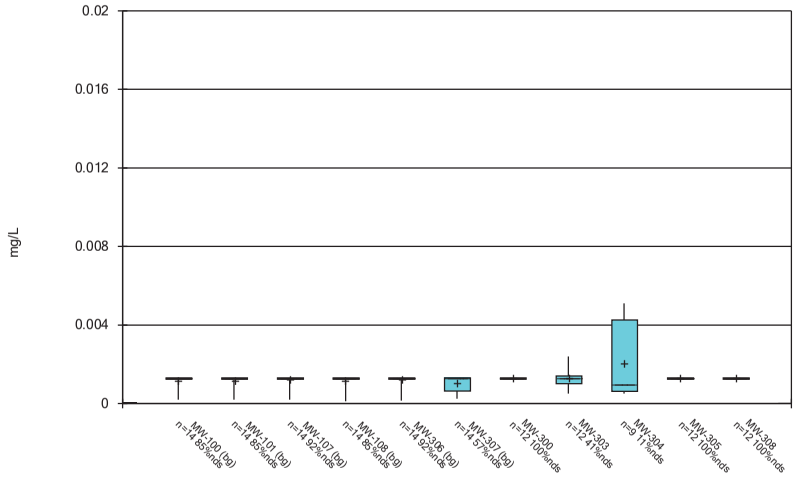
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

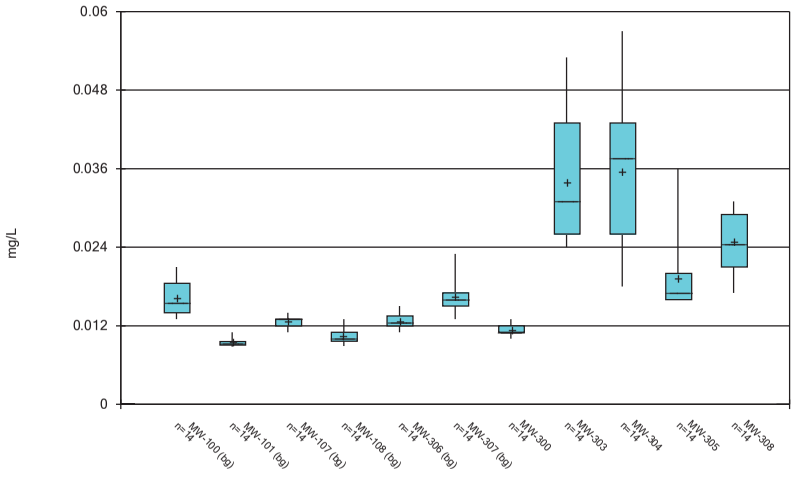
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

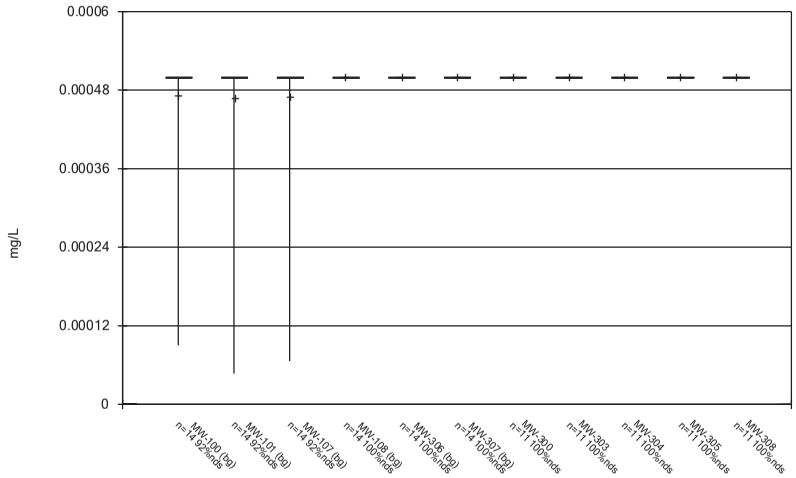
Box & Whiskers Plot



Constituent: Barium Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

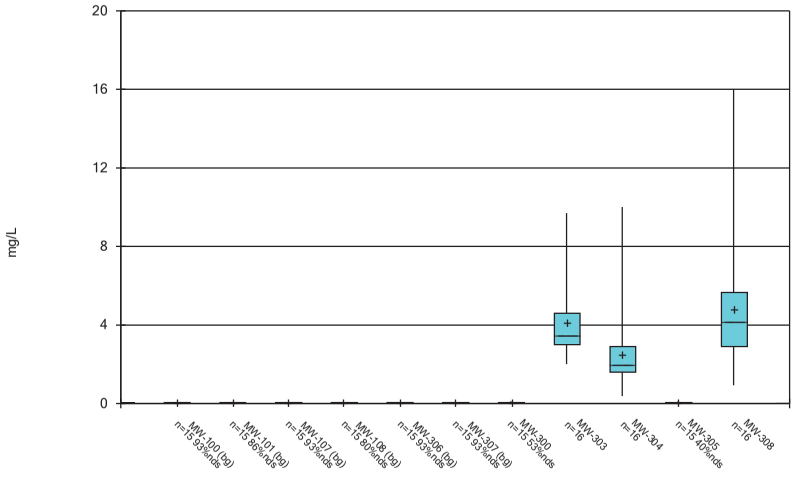
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



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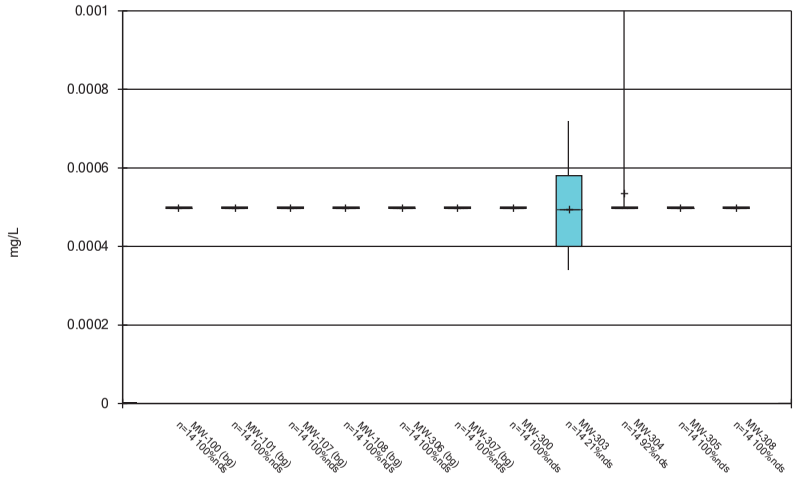
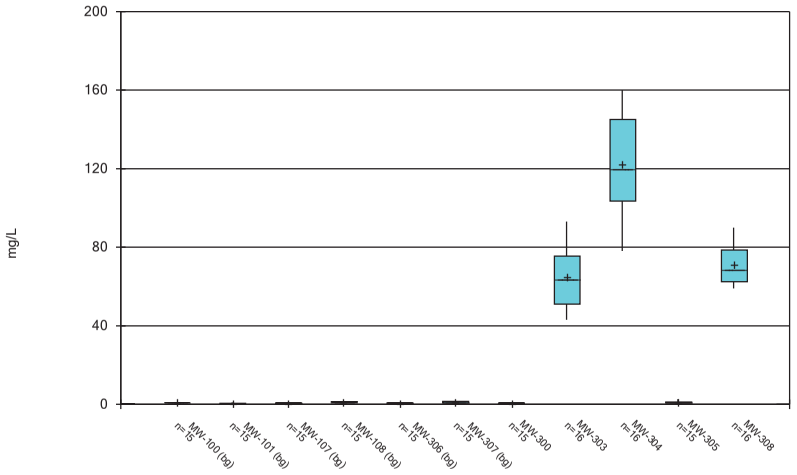
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



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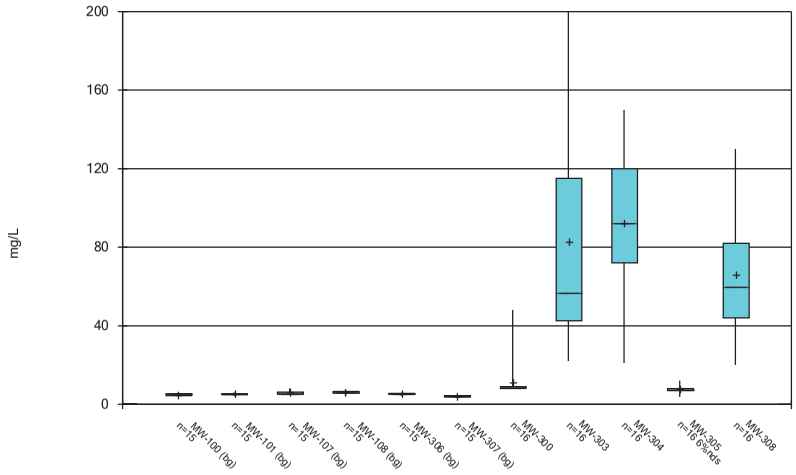
Plant Crist Client: Gulf Power Data: Plant Crist CCR

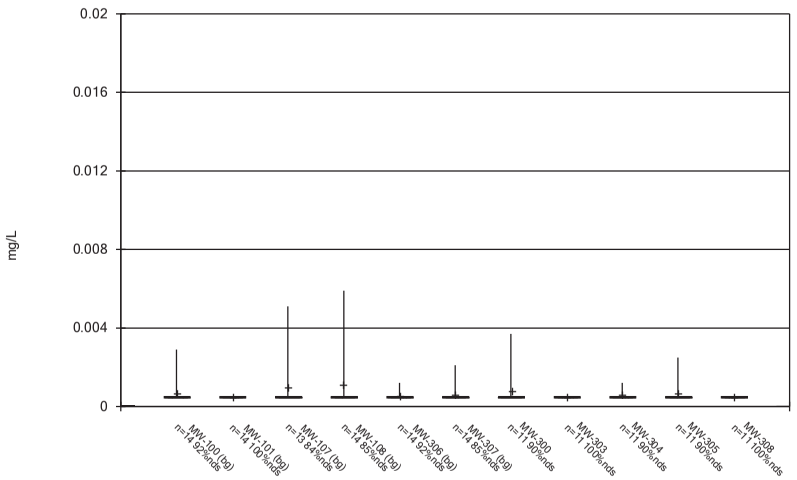
Box & Whiskers Plot



Constituent: Chloride Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

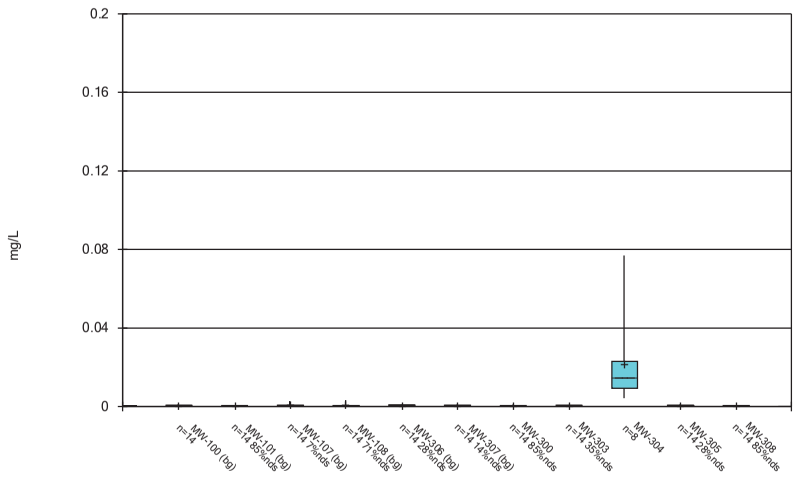
Box & Whiskers Plot



Constituent: Chromium Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

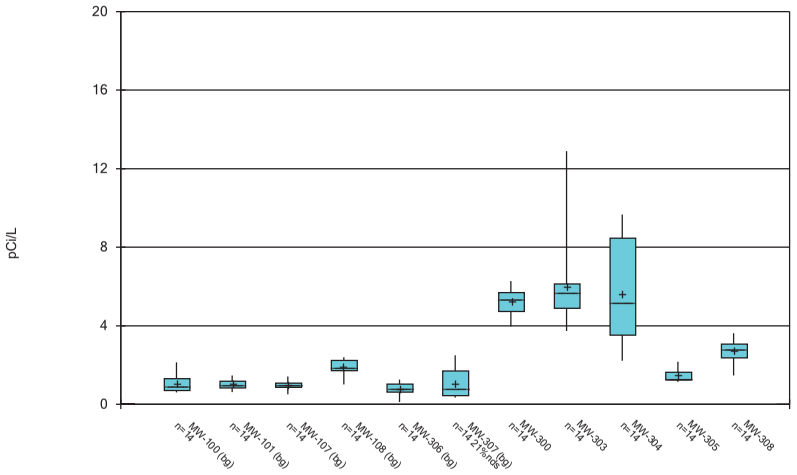
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

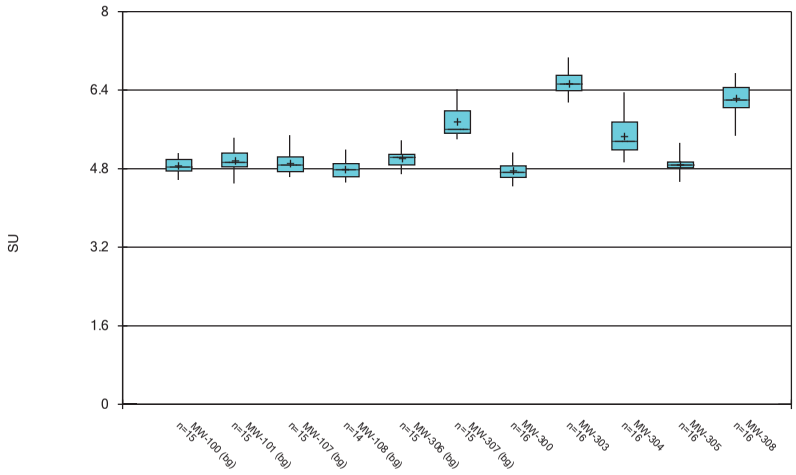
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Serie
Plant Crist Client: Gulf Power Data: Plant Crist CCR

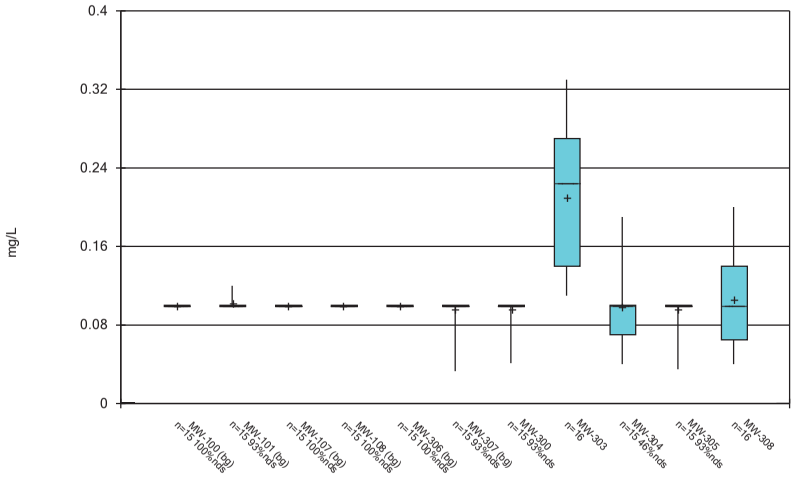
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

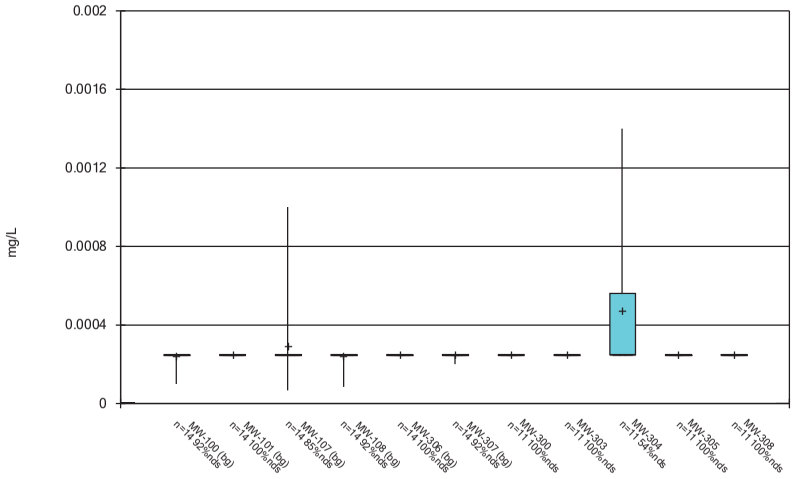
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

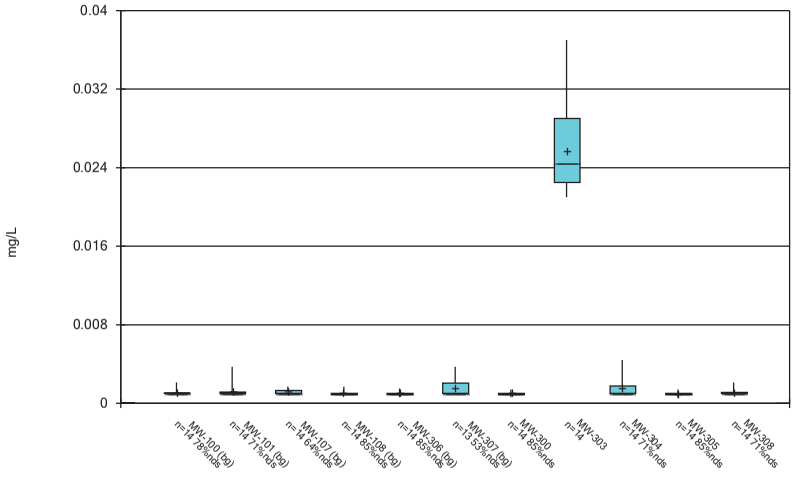
Box & Whiskers Plot



Constituent: Lead Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

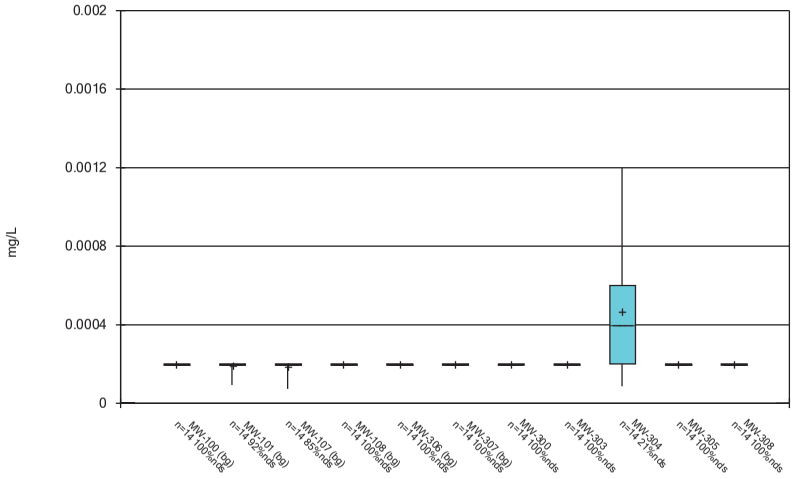
Box & Whiskers Plot



Constituent: Lithium Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

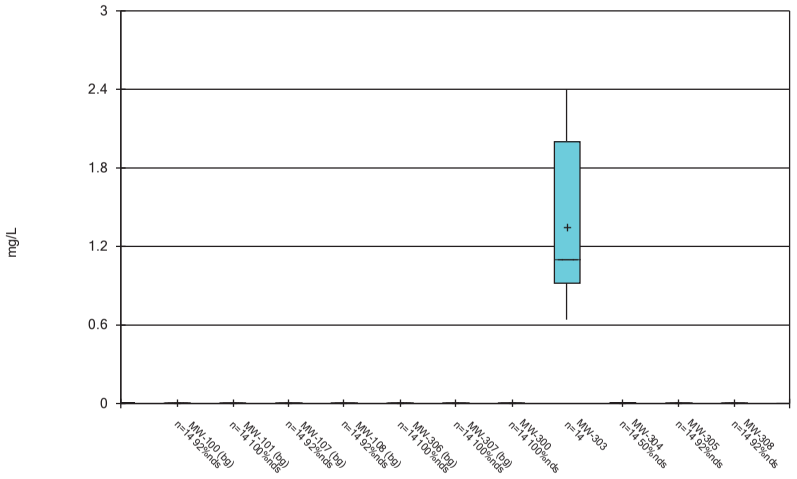
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

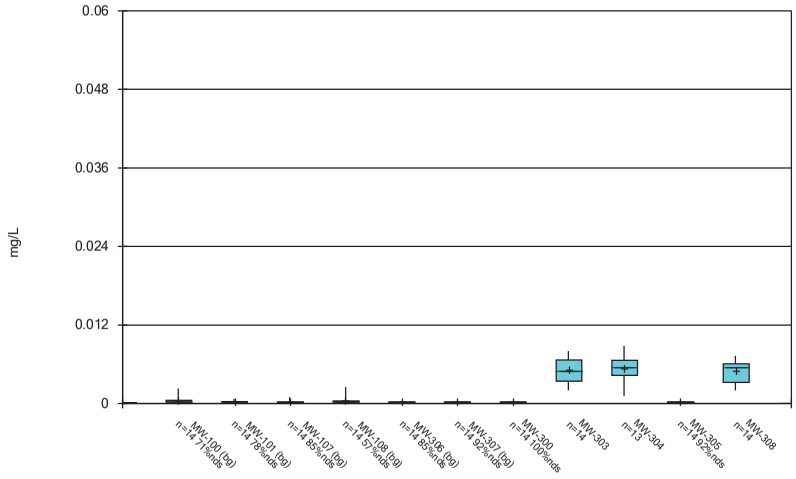
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

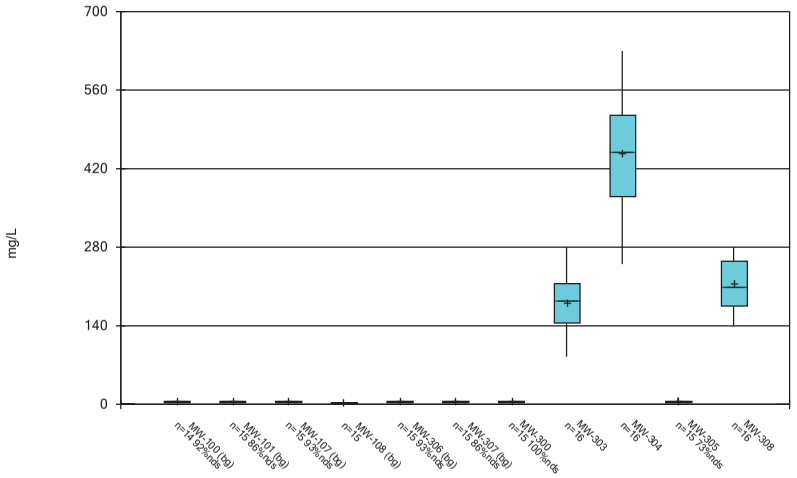
Box & Whiskers Plot



Constituent: Selenium Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

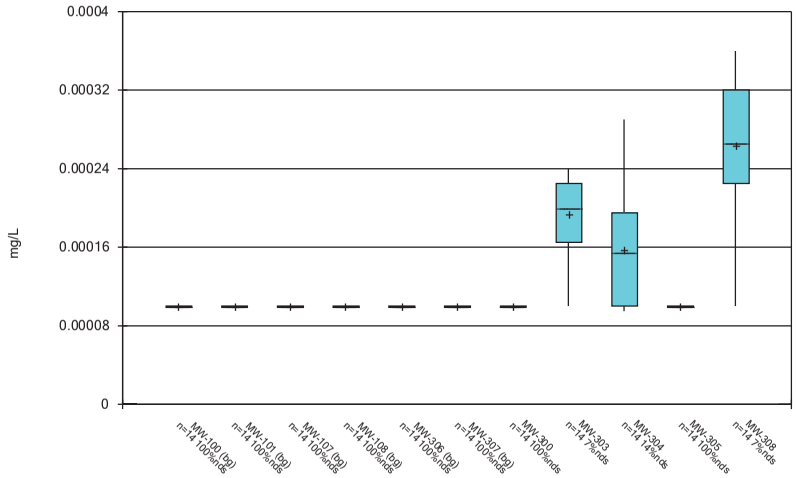
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

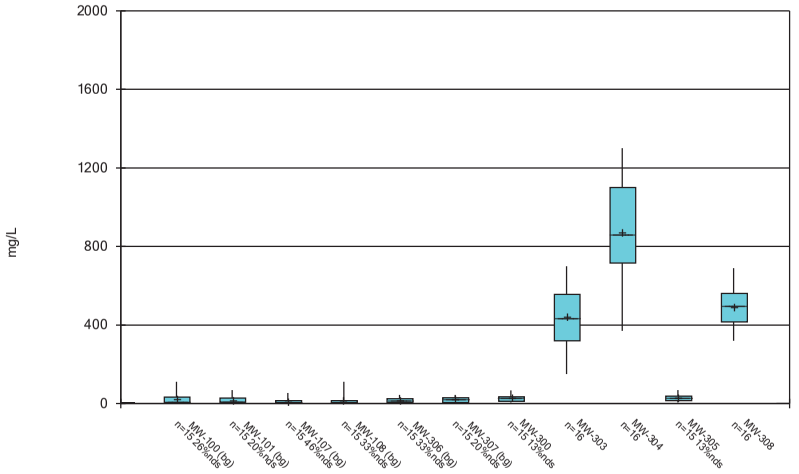
Sanitas™ v.9.6.25d Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 3/9/2020 11:24 AM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

APPENDIX C

Statistical Analyses – April 2020
Semi-Annual Monitoring

SPRING 2020

GROUNDWATER STATISTICAL ANALYSIS

FOR GULF POWER'S

PLANT CRIST

Prepared by:

Groundwater Stats Consulting LLC

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GROUNDWATER STATS CONSULTING

June 25, 2020

Geosyntec Consultants
Attn: Mr. Benjamin K. Amos, Ph.D., P.E.
1255 Roberts Boulevard, Suite 200
Kennesaw, GA 30144

Re: Plant Crist
Statistical Analysis – April 2020 Sample Event

Dear Mr. Amos,

Groundwater Stats Consulting (GSC), formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical analysis of the groundwater data for the April 2020 sample event at Gulf Power Company's Plant Crist. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015) as well as with the USEPA Unified Guidance (2009).

Sampling began at Plant Crist for the CCR program in 2016 at each of the groundwater monitoring wells. The monitoring well network for the Gypsum Storage Area originally included wells MW-202, MW-203, MW-204 and MW-205. However, further research conducted by Geosyntec Consultants, reportedly, concluded that the location of these compliance wells does not represent the zone of groundwater quality downgradient of the site and, therefore, would not identify whether groundwater is affected from practices at the site. Therefore, these wells are not included in the statistical analysis provided in this report. The monitoring well network, as provided by Geosyntec Consultants, consists of the following wells:

- **Upgradient wells:** MW-100, MW-101, MW-107, MW-108, MW-306, MW-307
- **Ash Landfill No. 1 (100 Series):** MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110
- **Gypsum Storage Area (200 Series):** MW-200, MW-201, MW-206

- **Ash Landfill No. 2 (300 Series):** MW-300, MW-303, MW-304, MW-305, MW-308

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Dr. Jim Loftis, Civil & Environmental Engineering professor emeritus at Colorado State University and Senior Advisor to Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The CCR program consists of the following constituents:

- **Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Time series plots for Appendix III and IV parameters at the 100, 200 and 300 series wells are provided for these wells for the above constituents. Additionally, box plots are included for these constituents. The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. For each of the three well series the time series and box plots for the upgradient wells are included for comparison.

Proposed background data at all wells were initially evaluated in October 2017 for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for Appendix III parameters based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. A summary of those findings, along with the background update that was performed in March 2020 is provided below.

Power curves were provided during the screening to demonstrate that the selected statistical methods for Appendix III parameters comply with the USEPA Unified Guidance. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

CCR Appendix III Constituents:

Ash Landfill No. 1 (100 Series Wells)

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 7

Gypsum Storage Area (200 Series Wells)

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, sulfate, and TDS)
- Intrawell Prediction Limits with 1-of-2 resample plan – (pH)
- # Constituents: 7
- # Downgradient wells: 3
-

Ash Landfill No. 2 (300 Series Wells)

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, sulfate, and TDS)
- Intrawell Prediction Limits with 1-of-2 resample plan – (pH)
- # Constituents: 7
- # Downgradient wells: 5

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are nondetects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits.

- No statistical analyses are required on wells and analytes containing 100% nondetects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% nondetects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for nondetects is the practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% nondetects, the Kaplan-Meier nondetect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% nondetects.

Due to varying detection limits in background data sets due to improved laboratory practices, a substitution of the most recent reporting limit is used for all nondetects. Note that the most recent reporting limit for antimony 0.0005 mg/L was replaced with a historical reporting limit of 0.0025 mg/L to maintain previous statistical limits.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs. Background data were updated during the Fall 2019 analysis, and a summary of those results is discussed below.

Summary of October 2017 Background Screening

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not conservative from a regulatory perspective, in proposed background data. Suspected outliers at all wells for Appendix III and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of those findings were submitted with the October 2017

report. These values maybe also be seen on the time series graphs as disconnected points and on the data pages in a lighter font.

No seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

While trends may be visually identified, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each well to identify statistically significant increasing or decreasing trends. In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, earlier data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When the historical records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses, which were presented with the screening report, showed a few statistically significant trends. All trends noted were relatively low in magnitude when compared to average concentrations. Therefore, no adjustments were necessary.

Appendix III – Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified variation among upgradient well data at Plant Crist for the following Appendix III parameters: calcium, chloride, pH, and sulfate. No statistically

significant variation was noted for boron, fluoride or TDS, making these constituents eligible for interwell analyses. All other constituents were further evaluated as described below for the appropriateness of intrawell testing to accommodate the groundwater quality.

Appendix III – Intrawell Method Eligibility Screening

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are conservative (i.e. lower) from a regulatory perspective, and that will rapidly identify a change in more recent compliance data from within a given well. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility. Prior to performing intrawell prediction limits, several steps are required to reasonably demonstrate that downgradient water quality does not have existing impacts from the practices of the facility.

Exploratory data analysis was used as a general comparison of concentrations in downgradient wells for all Appendix III parameters recommended for intrawell analyses to concentrations reported in upgradient wells. Upper tolerance limits are used in conjunction with confidence intervals when determining whether the estimated averages in downgradient wells are higher than observed levels upgradient of the facility. The upper tolerance limits were constructed to represent the extreme upper range of potential background levels at the site.

Either parametric or nonparametric tolerance limits are calculated based on the data characteristics that are described below for prediction limits. Parametric tolerance limits (for normal or transformed-normally distributed data) were constructed with a target of 99% confidence and 95% coverage using pooled upgradient well data for each of the Appendix III parameters recommended for intrawell analyses. For non-normal data, nonparametric tolerance limits are used. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. As more data are collected, the background population is better represented, and the confidence and coverage levels increase.

Confidence intervals were constructed on downgradient wells for each of the Appendix III parameters exhibiting spatial variation, using the tolerance limits discussed above, to determine intrawell eligibility. Either parametric or nonparametric confidence intervals were constructed as appropriate. When the entire confidence interval is above the background limit for a given parameter, interwell methods are initially recommended as the statistical method. Note that this screening identifies whether confidence intervals are

above a background limit but does not identify the reason for this occurrence. Therefore, only the wells/parameters with confidence intervals which did not exceed background limits are eligible for intrawell prediction limits.

Confidence intervals for Appendix III parameters were found to be above the background standards in at least one well for each parameter at Ash Landfill No. 1; therefore, interwell prediction limits are recommended initially for all Appendix III parameters at this unit. Confidence intervals were above background standards for all parameters except pH at the Gypsum Storage Area and Ash Landfill No. 2. Therefore, intrawell methods may be used for pH and interwell methods for all other Appendix III parameters at these two units. The results of the upper tolerance limits calculations and confidence interval comparisons were presented in the background screening report.

If further evaluation confirms natural variation in groundwater at these downgradient wells, intrawell methods will be considered for these parameters. In cases where downgradient average concentrations are higher than observed concentrations upgradient for a given constituent, an independent study and hydrogeological investigation would be required to identify local geochemical conditions and expected groundwater quality for the region to justify an intrawell approach. Such an assessment is beyond the scope of services provided by Groundwater Stats Consulting. When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells, interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to natural variation rather than a result of the facility.

Summary of Appendix III Background Update Summary – Conducted in March 2020

Prior to performing prediction limits, proposed background data through March 2019 were reviewed to identify any newly suspected outliers at all wells for pH for intrawell testing, and through June 2019 at upgradient wells for boron, calcium, chloride, fluoride, pH, sulfate and TDS for interwell testing. Visual screening is used to identify potential outliers using time series graphs. When necessary, Tukey's outlier test is used to formally test suspected outliers. No additional outlier testing was required during this analysis. Previously flagged values were excluded to reduce variation, better represent background conditions, and provide limits that are conservative from a regulatory perspective. As mentioned above, flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. A summary of flagged values follows this letter.

For pH which required intrawell prediction limits, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through May 2017 to more recent compliance samples through March 2019 at each of the 200 and 300 series wells and upgradient wells to evaluate whether the groups are statistically similar at the 99% confidence level. If no statistically significant difference is found, background data may be updated with compliance data. No statistically significant differences were found between the two groups for pH except at the Gypsum Storage Area for well MW-201. However, the measurements range from 5.62 s.u. to 4.71 s.u., which is in line with concentrations in the other wells, and show only a slight decrease in more recent data. Therefore, the background data were updated and will be re-evaluated during the next background update. All background data sets were updated.

In the future, if the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data may not be updated to include the newer data, but will be reconsidered in the future. A summary of these results was submitted with the report.

The Sen's Slope/Mann Kendall trend test was used to evaluate the entire record of data from upgradient wells for parameters utilizing interwell prediction limits. When statistically significant trends are identified in upgradient wells, the earlier portion of data is deselected prior to construction of interwell statistical limits if the trending data would result in statistical limits that are not conservative from a regulatory perspective. No statistically significant increasing trends were noted in upgradient wells. Statistically significant decreasing trends were identified; however, the magnitudes of the trends were low relative to average concentrations, and no adjustment of the records was required. A summary of the trend test results was submitted with the background update report.

Statistical Analysis of Appendix III Parameters – April 2020

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility.

Intrawell prediction limits, combined with a 1-of-2 resample plan, using background data through March 2019, are used to evaluate pH at the Gypsum Storage Area and at Landfill No. 2 due to natural spatial variation for this parameter. However, only the 200 and 300

series wells were eligible for intrawell testing for pH, as discussed earlier. The 100 series wells, therefore, utilize interwell prediction limits for pH.

Interwell prediction limits, which compare the most recent sample from each downgradient well to statistical limits constructed from pooled upgradient well data, are updated during each sample event. Data from upgradient wells are periodically re-screened for newly developing trends, which may require adjustment of the background period to eliminate the trend, as well as for outliers over the entire record. All available upgradient well data through April 2020 were used to establish interwell prediction limits, based on a 1-of-2 resample plan, for all Appendix III parameters except for pH at the 200 and 300 series wells.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of an additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no further action is necessary. Exceedances were noted at each of the units, and the results may be found following this letter in the Prediction Limit Summary Tables.

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable. Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site, which is an indication of natural variability in groundwater unrelated to practices at the site. A summary of the trend test results follows this letter.

Evaluation of Appendix IV Parameters – April 2020

Interwell tolerance limits, as appropriate, were used to calculate background limits from pooled upgradient well data for Appendix IV parameters, with a target of 95% confidence and 95% coverage for parametric limits. Parametric tolerance limits are used when data follow a normal or transformed-normal distribution as do barium and combined radium 226 + 228. When data contained greater than 50% nondetects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used. These limits were compared to the Maximum Contaminant Levels (MCLs) and CCR rule-specified

levels to determine the highest limit for use as the GWPS in the Confidence Interval comparisons.

Confidence intervals were then constructed on downgradient wells, using all historical data within a given well, for each of the Appendix IV parameters and compared to the highest limit of either the MCL or rule-specified level as discussed above. For cobalt in well MW-304, samples prior to 2017 have been deselected to use at a minimum, the most recent 8 samples in constructing the confidence interval, rather than the entire data set in order to reflect present-day concentrations. The modified date range is shown in the Date Range Table following this letter. The historical data for this constituent had higher concentrations due to a broken pipe that influenced groundwater quality at this well. Concentrations, as expected, have continued to decrease since the pipe was fixed.

Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its respective standard. Tables of the upper tolerance limits, confidence intervals along with graphical comparisons against standards, and significant results (exceedances) follow this letter.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Crist. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Groundwater Analyst



Kristina L. Rayner
Groundwater Statistician

Date Ranges

Date: 6/22/2020 4:31 PM

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Cobalt (mg/L)

MW-304 overall:1/10/2017-4/22/2020

Outlier Summary

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 8:49 AM

	MW-304 Arsenic (mg/L)	MW-200 Cadmium (mg/L)	MW-206 Chloride (mg/L)	MW-107 Chromium (mg/L)	MW-304 Cobalt (mg/L)	MW-108 Field pH (SU)	MW-307 Lithium (mg/L)	MW-304 Selenium (mg/L)	MW-100 Sulfate (mg/L)	MW-206 Total Dissolved Solids (mg/L)
3/2/2016		0.022 (o)								32000 (o)
3/3/2016	0.009 (o)									
5/2/2016									15 (o)	
5/4/2016	0.019 (o)									
7/5/2016			360 (o)			7.11 (o)				
7/6/2016	0.014 (o)									
11/7/2016							0.0097 (o)			
1/9/2017				0.017 (o)						
1/10/2017					0.077 (o)					
10/17/2018								0.05 (o)		

Appendix III Interwell Prediction Limits - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:48 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-103	0.081	n/a	4/17/2020	0.31	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	4/18/2020	11	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	4/18/2020	1.7	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	4/17/2020	0.83	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	4/17/2020	4.6	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.426	n/a	4/17/2020	3.5	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.426	n/a	4/18/2020	62	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.426	n/a	4/18/2020	58	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.426	n/a	4/17/2020	5.2	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.426	n/a	4/17/2020	29	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	6.765	n/a	4/17/2020	20	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	6.765	n/a	4/18/2020	130	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	6.765	n/a	4/18/2020	73	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	6.765	n/a	4/17/2020	29	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	6.765	n/a	4/17/2020	120	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	4/18/2020	4.08	Yes	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	4/18/2020	0.3	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	4/17/2020	31	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	4/18/2020	670	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	4/18/2020	32	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	4/17/2020	12	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	4/17/2020	280	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	4/18/2020	1100	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	4/18/2020	180	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	4/17/2020	600	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:48 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	4/18/2020	0.012	No	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**4/17/2020**	**0.31**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**4/18/2020**	**11**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**4/18/2020**	**1.7**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	4/17/2020	0.07	No	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**4/17/2020**	**0.83**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**4/17/2020**	**4.6**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.426	n/a	4/18/2020	0.45	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.426**	**n/a**	**4/17/2020**	**3.5**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.426**	**n/a**	**4/18/2020**	**62**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.426**	**n/a**	**4/18/2020**	**58**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.426	n/a	4/17/2020	0.42	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.426**	**n/a**	**4/17/2020**	**5.2**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.426**	**n/a**	**4/17/2020**	**29**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	6.765	n/a	4/18/2020	6.3	No	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**6.765**	**n/a**	**4/17/2020**	**20**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**6.765**	**n/a**	**4/18/2020**	**130**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**6.765**	**n/a**	**4/18/2020**	**73**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	6.765	n/a	4/17/2020	4.8	No	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**6.765**	**n/a**	**4/17/2020**	**29**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**6.765**	**n/a**	**4/17/2020**	**120**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	4/18/2020	4.96	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	4/17/2020	5.07	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**4/18/2020**	**4.08**	**Yes**	**95**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00043**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	4/18/2020	6.21	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	4/17/2020	5.23	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	4/17/2020	4.75	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	4/17/2020	4.7	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	4/17/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**4/18/2020**	**0.3**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	4/18/2020	0.04J	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	4/17/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	4/17/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	4/17/2020	0.04J	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	4/18/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**4/17/2020**	**31**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**4/18/2020**	**670**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**4/18/2020**	**32**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	4/17/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**4/17/2020**	**12**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**4/17/2020**	**280**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	4/18/2020	54	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	4/17/2020	70	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**4/18/2020**	**1100**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002106**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**4/18/2020**	**180**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002106**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	4/17/2020	48	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	4/17/2020	28	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**4/17/2020**	**600**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002106**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-200	0.081	n/a	4/18/2020	1.6	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-201	0.081	n/a	4/22/2020	4.2	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-206	0.081	n/a	4/18/2020	17	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-200	1.329	n/a	4/18/2020	40	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-201	1.329	n/a	4/22/2020	61	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-206	1.329	n/a	4/18/2020	320	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-200	6.594	n/a	4/18/2020	59	Yes	96	5.206	0.8278	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-201	6.594	n/a	4/22/2020	120	Yes	96	5.206	0.8278	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-206	6.594	n/a	4/18/2020	660	Yes	96	5.206	0.8278	0	None	No	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	4/22/2020	0.39	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-200	5	n/a	4/18/2020	64	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002159	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-201	5	n/a	4/22/2020	130	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002159	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-206	5	n/a	4/18/2020	250	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002159	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-200	110	n/a	4/18/2020	240	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002114	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-201	110	n/a	4/22/2020	600	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002114	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-206	110	n/a	4/18/2020	1700	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002114	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**4/18/2020**	**1.6**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**4/22/2020**	**4.2**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**4/18/2020**	**17**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.329**	**n/a**	**4/18/2020**	**40**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.329**	**n/a**	**4/22/2020**	**61**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.329**	**n/a**	**4/18/2020**	**320**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.594**	**n/a**	**4/18/2020**	**59**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.594**	**n/a**	**4/22/2020**	**120**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.594**	**n/a**	**4/18/2020**	**660**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**4/22/2020**	**0.39**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**4/18/2020**	**64**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002159**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**4/22/2020**	**130**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002159**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**4/18/2020**	**250**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002159**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**4/18/2020**	**240**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002114**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**4/22/2020**	**600**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002114**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**4/18/2020**	**1700**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002114**	**NP Inter (normality) 1 of 2**

Appendix III Intrawell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:55 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**4/18/2020**	**5**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:55 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	4/16/2020	5.03	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	4/16/2020	5.17	No	13	4.955	0.258	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-107	5.412	4.406	4/16/2020	5.15	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	4/16/2020	4.96	No	12	4.773	0.1917	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-200	5.263	4.716	4/18/2020	5.2	No	14	4.989	0.134	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-201	5.704	4.463	4/22/2020	4.69	No	14	5.084	0.304	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**4/18/2020**	**5**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	MW-306	5.438	4.624	4/16/2020	5.13	No	13	5.031	0.1961	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-307	6.537	5.063	4/16/2020	5.58	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-303	0.081	n/a	4/18/2020	5.7	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	4/18/2020	2.8	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	4/18/2020	3	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.39	n/a	4/18/2020	93	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.39	n/a	4/18/2020	150	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.39	n/a	4/18/2020	48	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	6.703	n/a	4/18/2020	8.7	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	6.703	n/a	4/18/2020	96	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	6.703	n/a	4/18/2020	140	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	6.703	n/a	4/18/2020	8.2	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	6.703	n/a	4/18/2020	33	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	4/18/2020	0.25	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	4/18/2020	0.17	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5	n/a	4/18/2020	260	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5	n/a	4/18/2020	600	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5	n/a	4/18/2020	120	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	4/18/2020	520	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	4/18/2020	1000	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	4/18/2020	280	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	4/18/2020	0.027	No	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**4/18/2020**	**5.7**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**4/18/2020**	**2.8**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	4/18/2020	0.016	No	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**4/18/2020**	**3**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.39	n/a	4/18/2020	0.48	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.39**	**n/a**	**4/18/2020**	**93**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.39**	**n/a**	**4/18/2020**	**150**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-305	1.39	n/a	4/18/2020	0.9	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-308**	**1.39**	**n/a**	**4/18/2020**	**48**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.703**	**n/a**	**4/18/2020**	**8.7**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.703**	**n/a**	**4/18/2020**	**96**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.703**	**n/a**	**4/18/2020**	**140**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.703**	**n/a**	**4/18/2020**	**8.2**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.703**	**n/a**	**4/18/2020**	**33**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**4/18/2020**	**0.25**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**4/18/2020**	**0.17**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	5	n/a	4/18/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**4/18/2020**	**260**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002155**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**4/18/2020**	**600**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002155**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-305	5	n/a	4/18/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**4/18/2020**	**120**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002155**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	4/18/2020	62	No	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**4/18/2020**	**520**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002111**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**4/18/2020**	**1000**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002111**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	4/18/2020	36	No	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**4/18/2020**	**280**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002111**	**NP Inter (normality) 1 of 2**

Appendix III Intrawell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-308**	**6.805**	**5.551**	**4/18/2020**	**6.97**	**Yes**	**14**	**6.178**	**0.2805**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	4/16/2020	5.03	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	4/16/2020	5.17	No	13	4.955	0.258	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-107	5.461	4.357	4/16/2020	5.15	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	4/16/2020	4.96	No	12	4.773	0.1917	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-300	5.229	4.305	4/18/2020	4.69	No	14	4.767	0.2067	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-303	7.152	5.968	4/18/2020	6.61	No	14	6.56	0.2649	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-304	6.401	4.549	4/18/2020	5.2	No	14	5.475	0.4141	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-305	5.367	4.441	4/18/2020	4.91	No	14	4.904	0.2071	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-306	5.478	4.584	4/16/2020	5.13	No	13	5.031	0.1961	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-307	6.609	4.991	4/16/2020	5.58	No	13	5.8	0.3549	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	**MW-308**	**6.805**	**5.551**	**4/18/2020**	**6.97**	**Yes**	**14**	**6.178**	**0.2805**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Appendix III Trend Tests - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-103**	**-0.3629**	**-71**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4024**	**74**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**2.223**	**90**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.369**	**70**	**58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-12	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-34	-58	No	16	81.25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02625	-29	-63	No	17	17.65	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0.3323	21	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	0.2171	51	63	No	17	11.76	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-16	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-12	-58	No	16	75	n/a	n/a	0.01	NP
Boron (mg/L)	MW-109	0.04419	33	58	No	16	25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-110	0.3223	48	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-16	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-16	-58	No	16	87.5	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03779	33	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.03287	-44	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-103**	**-0.3629**	**-71**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-104	2.901	38	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	2.095	28	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03716	-36	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.03799	26	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-109**	**0.4024**	**74**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	2.486	31	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	-0.005864	-14	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-100 (bg)	0.2918	52	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-101 (bg)	0.1782	37	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**2.223**	**90**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	5.041	6	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	9.63	34	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.08844	-24	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2144	-50	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**1.369**	**70**	**58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	9.179	22	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2217	46	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.09845	30	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01982	-10	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.04551	-14	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01883	18	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.02111	-3	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	5	53	No	15	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.03406	-23	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	3	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.02792	-42	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	15	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	4	53	No	15	93.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-13	-58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.186	-22	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	40.13	17	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	5.06	30	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3802	50	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-109	-1.371	-38	-63	No	17	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate (mg/L)	MW-110	20.2	50	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-1	-58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	7	58	No	16	87.5	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.079	21	58	No	16	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.107	12	58	No	16	18.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	17.18	5	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	23.36	13	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0	11	58	No	16	43.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0	7	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	40.2	34	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.118	36	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-58	No	16	18.75	n/a	n/a	0.01	NP

Appendix III Trend Tests - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-8.472**	**-103**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-9.217**	**-90**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-22.06**	**-118**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-208.6**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-230.8**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-597.4**	**-128**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-342.9**	**-89**	**-63**	**Yes**	**17**	**5.882**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-493.4**	**-88**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1331**	**-110**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-83.88**	**-82**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-107.2**	**-113**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-143.7**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-1353**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1471**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3178**	**-102**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-27	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-20	-58	No	16	81.25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-29	-58	No	16	75	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-8.472**	**-103**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-9.217**	**-90**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-22.06**	**-118**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03779	33	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.03287	-44	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03716	-36	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.03799	26	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-200**	**-208.6**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-230.8**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-597.4**	**-128**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	-0.005864	-14	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-100 (bg)	0.2918	52	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-101 (bg)	0.1782	37	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.08844	-24	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2144	-50	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-342.9**	**-89**	**-63**	**Yes**	**17**	**5.882**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-493.4**	**-88**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1331**	**-110**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-306 (bg)	0.2217	46	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.09845	30	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01982	-10	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.04551	-14	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.02111	-3	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	5	53	No	15	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-206	0.1014	52	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.03406	-23	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	3	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.002519	-1	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	15	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	4	53	No	15	93.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-13	-58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3802	50	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-200**	**-83.88**	**-82**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-107.2**	**-113**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-143.7**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	-1	-58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	7	58	No	16	87.5	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.079	21	58	No	16	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.107	12	58	No	16	18.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0	11	58	No	16	43.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0	7	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-1353**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1471**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3178**	**-102**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.118	36	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-58	No	16	18.75	n/a	n/a	0.01	NP

Appendix III Trend Tests - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:37 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-303**	**0.05703**	**97**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.03056**	**83**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-34.45**	**-87**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:37 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-27	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-20	-58	No	16	81.25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-29	-58	No	16	75	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.2903	19	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.3999	55	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.6205	-32	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03779	33	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.03287	-44	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03716	-36	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.03799	26	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-303	3.624	26	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	-8.423	-31	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	-0.005864	-14	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-4.426	-38	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-100 (bg)	0.2918	52	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-101 (bg)	0.1782	37	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.08844	-24	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2144	-50	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0.01493	7	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	5.851	22	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	0.474	3	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.1902	26	63	No	17	5.882	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2217	46	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.09845	30	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	5.492	17	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01982	-10	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.04551	-14	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.02111	-3	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	5	53	No	15	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.03406	-23	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-308	0.1616	50	63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	3	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-303**	**0.05703**	**97**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-306 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	15	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.03056**	**83**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	4	53	No	15	93.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-13	-58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3802	50	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-303	6.882	12	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-18.4	-17	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-1	-58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	7	58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-34.45**	**-87**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.079	21	58	No	16	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.107	12	58	No	16	18.75	n/a	n/a	0.01	NP

Appendix III Trend Tests - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:37 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Dissolved Solids (mg/L)	MW-107 (bg)	0	11	58	No	16	43.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0	7	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	6.861	3	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-46.34	-17	-63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.118	36	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-58	No	16	18.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-43.33	-44	-63	No	17	0	n/a	n/a	0.01	NP

Tolerance Limit Summary Table

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:26 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.0025	n/a	n/a	n/a	n/a	78	n/a	n/a	100	n/a	n/a	0.0183	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.0013	n/a	n/a	n/a	n/a	90	n/a	n/a	84.44	n/a	n/a	0.009888	NP Inter(NDs)
Barium (mg/L)	n/a	0.01942	n/a	n/a	n/a	n/a	90	0.1136	0.01326	0	None	sqrt(x)	0.05	Inter
Beryllium (mg/L)	n/a	0.0005	n/a	n/a	n/a	n/a	90	n/a	n/a	93.33	n/a	n/a	0.009888	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0005	n/a	n/a	n/a	n/a	90	n/a	n/a	100	n/a	n/a	0.009888	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0059	n/a	n/a	n/a	n/a	89	n/a	n/a	91.01	n/a	n/a	0.01041	NP Inter(NDs)
Cobalt (mg/L)	n/a	0.0032	n/a	n/a	n/a	n/a	90	n/a	n/a	32.22	n/a	n/a	0.009888	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	n/a	2.364	n/a	n/a	n/a	n/a	90	1	0.1709	3.333	None	x^(1/3)	0.05	Inter
Fluoride (mg/L)	n/a	0.12	n/a	n/a	n/a	n/a	96	n/a	n/a	97.92	n/a	n/a	0.007269	NP Inter(NDs)
Lead (mg/L)	n/a	0.001	n/a	n/a	n/a	n/a	90	n/a	n/a	92.22	n/a	n/a	0.009888	NP Inter(NDs)
Lithium (mg/L)	n/a	0.0037	n/a	n/a	n/a	n/a	89	n/a	n/a	71.91	n/a	n/a	0.01041	NP Inter(NDs)
Mercury (mg/L)	n/a	0.0002	n/a	n/a	n/a	n/a	90	n/a	n/a	96.67	n/a	n/a	0.009888	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.0042	n/a	n/a	n/a	n/a	90	n/a	n/a	96.67	n/a	n/a	0.009888	NP Inter(NDs)
Selenium (mg/L)	n/a	0.0025	n/a	n/a	n/a	n/a	90	n/a	n/a	78.89	n/a	n/a	0.009888	NP Inter(NDs)
Thallium (mg/L)	n/a	0.0001	n/a	n/a	n/a	n/a	90	n/a	n/a	100	n/a	n/a	0.009888	NP Inter(NDs)

PLANT CRIST GWPS TABLE				
Constituent Name	**MCL**	**CCR Rule Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0025	0.006
Arsenic, Total (mg/L)	0.01		0.0013	0.01
Barium, Total (mg/L)	2		0.01942	2
Beryllium, Total (mg/L)	0.004		0.0005	0.004
Cadmium, Total (mg/L)	0.005		0.0005	0.005
Chromium, Total (mg/L)	0.1		0.0059	0.1
Cobalt, Total (mg/L)		0.006	0.0032	0.006
Combined Radium, Total (pCi/L)	5		2.364	5
Fluoride, Total (mg/L)	4		0.12	4
Lead, Total (mg/L)		0.015	0.001	0.015
Lithium, Total (mg/L)		0.04	0.0037	0.04
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)		0.1	0.0042	0.1
Selenium, Total (mg/L)	0.05		0.0025	0.05
Thallium, Total (mg/L)	0.002		0.0001	0.002

MCL = Maximum Contaminant Level

GWPS = Groundwater Protection Standard

Confidence Intervals - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:29 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02151**	**0.01396**	**0.006**	**Yes**	**15**	**0.01773**	**0.005574**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.57**	**12.66**	**5**	**Yes**	**15**	**15.62**	**4.355**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.421**	**5.525**	**5**	**Yes**	**15**	**6.473**	**1.399**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006132**	**0.003513**	**0.002**	**Yes**	**15**	**0.004823**	**0.001933**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Intervals - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:29 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-102	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-103	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-104	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-105	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-106	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-109	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-110	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-102	0.0005	0.00025	0.01	No	15	0.0002667	0.00006455	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	15	0.0002633	0.00006997	86.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.007773	0.002899	0.01	No	15	0.005336	0.003597	6.667	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.004398	0.003602	0.01	No	15	0.004	0.000588	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-106	0.00025	0.00025	0.01	No	15	0.00025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-109	0.00025	0.00025	0.01	No	15	0.00025	3.1e-12	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	15	0.0003313	0.0001522	53.33	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-102	0.011	0.009003	2	No	15	0.01005	0.00149	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-103	0.06212	0.04624	2	No	15	0.05293	0.01452	0	None	x^2	0.01	Param.
Barium (mg/L)	MW-104	0.0258	0.0198	2	No	15	0.0228	0.004427	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04894	0.03813	2	No	15	0.04353	0.007981	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.015	0.0096	2	No	15	0.01101	0.002082	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02135	0.01785	2	No	15	0.0196	0.002586	0	None	No	0.01	Param.
Barium (mg/L)	MW-110	0.04754	0.03633	2	No	15	0.04193	0.008268	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0005	0.00011	0.004	No	15	0.000474	0.0001007	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-103	0.0005	0.0005	0.004	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001227	0.0008285	0.004	No	15	0.001028	0.0002944	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-105	0.0005	0.0005	0.004	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-106	0.0005	0.0005	0.004	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-109	0.0005	0.000044	0.004	No	15	0.0004696	0.0001177	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0005	0.00013	0.004	No	15	0.0004476	0.0001386	86.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-102	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-103	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00052	0.00044	0.005	No	15	0.0005027	0.00008779	46.67	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-105	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-106	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-109	0.0005	0.000078	0.005	No	15	0.0004719	0.000109	93.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0005	0.00032	0.005	No	15	0.000462	0.0001078	86.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	15	0.0006447	0.0005972	86.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	15	0.0008227	0.001225	73.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.0023	0.0005	0.1	No	15	0.001647	0.0006937	20	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-105	0.002615	0.001975	0.1	No	15	0.002247	0.0005878	6.667	None	x^2	0.01	Param.
Chromium (mg/L)	MW-106	0.0005	0.0005	0.1	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0005	0.0005	0.1	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0005	0.00042	0.1	No	15	0.000488	0.00003189	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00023	0.006	No	15	0.002193	0.0008112	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00041	0.006	No	15	0.00169	0.001044	60	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**MW-104**	**0.02151**	**0.01396**	**0.006**	**Yes**	**15**	**0.01773**	**0.005574**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	15	0.002249	0.0006682	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.0004	0.006	No	15	0.0009413	0.000822	20	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.0071	0.0038	0.006	No	15	0.00487	0.002019	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-110	0.019	0.0043	0.006	No	15	0.00962	0.006769	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-102	1.888	1.199	5	No	15	1.564	0.5477	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	7.073	4.841	5	No	15	5.957	1.647	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.57**	**12.66**	**5**	**Yes**	**15**	**15.62**	**4.355**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.536	2.727	5	No	15	3.631	1.335	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.235	0.6831	5	No	15	0.9891	0.4802	6.667	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.358	1.519	5	No	15	1.939	0.6192	0	None	No	0.01	Param.

Confidence Intervals - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:29 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.421**	**5.525**	**5**	**Yes**	**15**	**6.473**	**1.399**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-102	0.1	0.1	4	No	16	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-103	0.1	0.037	4	No	16	0.09606	0.01575	93.75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3604	0.2419	4	No	17	0.3012	0.09453	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	16	0.08506	0.02672	75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-106	0.1	0.1	4	No	16	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.1	4	No	16	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	16	0.07744	0.03008	62.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-102	0.00025	0.00018	0.015	No	15	0.000238	0.00003256	86.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00025	0.00011	0.015	No	15	0.0002407	0.00003615	93.33	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002435	0.001819	0.015	No	15	0.002127	0.0004543	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	15	0.0002853	0.000176	86.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00025	0.015	No	15	0.0002593	0.00003615	93.33	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	15	0.0002583	0.0001252	80	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00025	0.015	No	15	0.0002667	0.00003697	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-102	0.0012	0.0009	0.04	No	15	0.001033	0.0001175	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.00097	0.04	No	15	0.001511	0.0008075	46.67	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03714	0.02113	0.04	No	15	0.02913	0.01181	0	None	No	0.01	Param.
Lithium (mg/L)	MW-105	0.001	0.00039	0.04	No	15	0.0009593	0.0001575	93.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0012	0.00068	0.04	No	15	0.001554	0.001729	60	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-109	0.006715	0.005036	0.04	No	15	0.005907	0.001312	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.01062	0.007355	0.04	No	15	0.008987	0.002408	0	None	No	0.01	Param.
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	15	0.0001859	0.0000373	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00012	0.002	No	15	0.0002227	0.0001118	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001386	0.0007159	0.002	No	15	0.001079	0.0005394	0	None	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-105	0.0002	0.0002	0.002	No	15	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	15	0.000192	0.00003098	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	15	0.0004598	0.0008017	80	None	No	0.01	NP (NDs)
Mercury (mg/L)	**MW-110**	**0.006132**	**0.003513**	**0.002**	**Yes**	**15**	**0.004823**	**0.001933**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-104	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.005166	0.003321	0.1	No	15	0.00432	0.001598	0	None	x^(1/3)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-110	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.00028	0.00019	0.05	No	15	0.0003007	0.0001946	73.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.003009	0.001864	0.05	No	15	0.002437	0.0008448	6.667	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.0129	0.005154	0.05	No	15	0.009027	0.005714	0	None	No	0.01	Param.
Selenium (mg/L)	MW-105	0.00041	0.00025	0.05	No	15	0.0003187	0.0001041	53.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-106	0.00025	0.00025	0.05	No	15	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.00025	0.00024	0.05	No	15	0.000246	0.00001298	86.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003632	0.003168	0.05	No	15	0.0034	0.0003423	0	None	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.0001	0.002	No	15	0.0001073	0.0000284	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0001	0.000026	0.002	No	15	0.00009507	0.00001911	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003387	0.000228	0.002	No	15	0.0002833	0.00008165	0	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00024	0.0001	0.002	No	15	0.0001093	0.00003615	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-106	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002877	0.0002296	0.002	No	15	0.0002587	0.00004291	0	None	No	0.01	Param.

Confidence Intervals - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.8**	**8.54**	**5**	**Yes**	**15**	**13.17**	**6.834**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**15**	**13.73**	**8.204**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**30.5**	**14.05**	**5**	**Yes**	**15**	**22.27**	**12.14**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Intervals - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-200	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	13	0.002269	0.0005633	84.62	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	13	0.002392	0.0003883	92.31	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.003001	0.0007444	0.01	No	15	0.002068	0.00186	6.667	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0068	0.000125	0.01	No	15	0.002812	0.003402	33.33	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.01058	0.002596	0.01	No	15	0.007283	0.006512	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.06673	0.03781	2	No	15	0.05227	0.02134	0	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.06965	0.03555	2	No	15	0.0526	0.02516	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1125	0.06188	2	No	15	0.08721	0.03738	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	15	0.002336	0.0006339	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	15	0.002338	0.0006277	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00048	0.004	No	15	0.001933	0.0009794	73.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	14	0.002101	0.0008	78.57	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.014	0.002	0.005	No	15	0.006787	0.00569	6.667	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0031	0.00055	0.005	No	15	0.001848	0.001092	0	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-200	0.0005	0.0005	0.1	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-201	0.0005	0.0005	0.1	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0005	0.1	No	12	0.000675	0.0006062	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.001801	0.0008581	0.006	No	15	0.001479	0.0006495	20	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	MW-201	0.003079	0.001488	0.006	No	15	0.002357	0.001328	6.667	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004913	0.00235	0.006	No	15	0.003631	0.001891	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.8**	**8.54**	**5**	**Yes**	**15**	**13.17**	**6.834**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**15**	**13.73**	**8.204**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**30.5**	**14.05**	**5**	**Yes**	**15**	**22.27**	**12.14**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.1	0.05	4	No	16	0.08313	0.06201	18.75	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7717	0.4895	4	No	17	0.6306	0.2252	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08341	0.05144	4	No	17	0.06876	0.02648	5.882	None	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001449	0.000788	0.015	No	15	0.001119	0.000488	13.33	None	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00061	0.015	No	15	0.001095	0.0003561	73.33	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-206	0.01	0.0011	0.015	No	15	0.005958	0.003938	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.0024	0.001	0.04	No	15	0.001807	0.002322	73.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.008046	0.002491	0.04	No	15	0.006607	0.008166	13.33	None	ln(x)	0.01	Param.
Lithium (mg/L)	MW-206	0.0012	0.001	0.04	No	15	0.00104	0.0001121	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002366	0.001114	0.002	No	15	0.00174	0.0009231	0	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00032	0.002	No	15	0.001437	0.001043	0	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.0005009	0.0001775	0.002	No	15	0.0003553	0.0002907	20	Kaplan-Meier	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-200	0.0078	0.003	0.1	No	13	0.003369	0.001331	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.003	0.0015	0.1	No	13	0.002885	0.000416	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.003	0.00092	0.1	No	13	0.00284	0.0005769	92.31	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01309	0.005564	0.05	No	15	0.009733	0.005671	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01279	0.004885	0.05	No	15	0.00884	0.005836	0	None	No	0.01	Param.
Selenium (mg/L)	MW-206	0.01917	0.0133	0.05	No	15	0.01623	0.00433	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.000334	0.0001185	0.002	No	15	0.0002132	0.0001739	26.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Thallium (mg/L)	MW-201	0.0004346	0.0002054	0.002	No	15	0.00032	0.0001691	0	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0008338	0.0004617	0.002	No	15	0.000604	0.0003094	0	None	x^2	0.01	Param.

Confidence Intervals - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-304**	**0.02197**	**0.008227**	**0.006**	**Yes**	**9**	**0.0151**	**0.007119**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**MW-303**	**1.649**	**0.9154**	**0.1**	**Yes**	**15**	**1.31**	**0.5757**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

Confidence Intervals - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-300	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-303	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-304	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-305	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-308	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-300	0.00025	0.00025	0.01	No	13	0.00025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-303	0.0018	0.00025	0.01	No	13	0.0008015	0.0007145	46.15	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.002727	0.0004109	0.01	No	10	0.00179	0.001949	10	None	ln(x)	0.01	Param.
Arsenic (mg/L)	MW-305	0.00042	0.00025	0.01	No	13	0.0002631	0.00004715	92.31	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00025	0.01	No	13	0.0002662	0.00005824	92.31	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	15	0.01133	0.0008165	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04326	0.02774	2	No	15	0.03613	0.01279	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	MW-304	0.04313	0.02887	2	No	15	0.036	0.01053	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.026	0.016	2	No	15	0.01927	0.005338	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02761	0.02106	2	No	15	0.02433	0.004835	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-300	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-303	0.0005	0.000074	0.004	No	12	0.0004645	0.000123	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-304	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-305	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-308	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0005	0.000075	0.005	No	15	0.0004717	0.0001097	93.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0005524	0.0003624	0.005	No	15	0.000478	0.0001275	20	Kaplan-Meier	No	0.01	Param.
Cadmium (mg/L)	MW-304	0.00073	0.0005	0.005	No	15	0.0005487	0.0001382	86.67	Kaplan-Meier	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0005	0.000076	0.005	No	15	0.0004717	0.0001095	93.33	Kaplan-Meier	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0005	0.000089	0.005	No	15	0.0004726	0.0001061	93.33	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0005	0.1	No	12	0.0007667	0.0009238	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0005	0.0005	0.1	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0012	0.0005	0.1	No	12	0.0005583	0.0002021	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.0005	0.1	No	12	0.0006667	0.0005774	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.00082	0.0005	0.1	No	12	0.0005267	0.00009238	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00024	0.006	No	15	0.0004933	0.0001523	80	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006733	0.0005057	0.006	No	15	0.0005713	0.0001161	33.33	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	**MW-304**	**0.02197**	**0.008227**	**0.006**	**Yes**	**9**	**0.0151**	**0.007119**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	15	0.0005393	0.0001674	26.67	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00056	0.0005	0.006	No	15	0.0005127	0.00003595	86.67	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.616	4.756	5	No	15	5.186	0.6346	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-303	6.34	4.37	5	No	15	6.003	2.078	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-304	7.4	4.046	5	No	15	5.723	2.475	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.636	1.261	5	No	15	1.455	0.289	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.075	2.191	5	No	15	2.633	0.6525	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	16	0.09631	0.01475	93.75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2564	0.1672	4	No	17	0.2118	0.07117	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.09902	0.05045	4	No	16	0.09875	0.03538	50	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	16	0.09594	0.01625	93.75	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1388	0.08007	4	No	17	0.1094	0.04683	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.00025	0.000083	0.015	No	12	0.0002361	0.00004821	91.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.00025	0.00011	0.015	No	12	0.0002383	0.00004041	91.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.00086	0.00022	0.015	No	12	0.0004517	0.0003539	50	None	No	0.01	NP (normality)
Lead (mg/L)	MW-305	0.00025	0.00025	0.015	No	12	0.00025	0	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-308	0.00025	0.00025	0.015	No	12	0.00025	0	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.0014	0.00062	0.04	No	15	0.000976	0.0001773	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02819	0.02272	0.04	No	15	0.02553	0.004224	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.0023	0.001	0.04	No	15	0.0015	0.001047	66.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-305	0.0014	0.00054	0.04	No	15	0.0009607	0.000212	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.0011	0.001	0.04	No	15	0.001107	0.0002865	73.33	None	No	0.01	NP (NDs)

Confidence Intervals - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-300	0.0002	0.0002	0.002	No	15	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-303	0.0002	0.0002	0.002	No	15	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.0006998	0.0002354	0.002	No	15	0.0004904	0.0003308	20	Kaplan-Meier	No	0.01	Param.
Mercury (mg/L)	MW-305	0.0002	0.0002	0.002	No	15	0.0002	0	100	Kaplan-Meier	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.0002	0.0002	0.002	No	15	0.0002	0	100	Kaplan-Meier	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-300	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.649**	**0.9154**	**0.1**	**Yes**	**15**	**1.31**	**0.5757**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0043	0.0029	0.1	No	15	0.003413	0.001187	53.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-305	0.003	0.0016	0.1	No	15	0.002907	0.0003615	93.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.003	0.00098	0.1	No	15	0.002865	0.0005216	93.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.00025	0.00025	0.05	No	15	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.006291	0.003736	0.05	No	15	0.005013	0.001885	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006771	0.003958	0.05	No	14	0.005364	0.001986	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00027	0.00025	0.05	No	15	0.0002513	0.00000516	93.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005909	0.003557	0.05	No	15	0.004733	0.001736	0	None	No	0.01	Param.
Thallium (mg/L)	MW-300	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-303	0.0002269	0.0001691	0.002	No	15	0.000198	0.00004263	6.667	None	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0002047	0.0001226	0.002	No	15	0.0001637	0.00006061	13.33	None	No	0.01	Param.
Thallium (mg/L)	MW-305	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-308	0.0003025	0.0002109	0.002	No	15	0.0002567	0.00006758	6.667	None	No	0.01	Param.

Prediction Limits - 100, 200 & 300 Series

100 Series

Appendix III Interwell Prediction Limits - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:48 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-103	0.081	n/a	4/17/2020	0.31	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	4/18/2020	11	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	4/18/2020	1.7	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	4/17/2020	0.83	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	4/17/2020	4.6	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.426	n/a	4/17/2020	3.5	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.426	n/a	4/18/2020	62	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.426	n/a	4/18/2020	58	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.426	n/a	4/17/2020	5.2	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.426	n/a	4/17/2020	29	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	6.765	n/a	4/17/2020	20	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	6.765	n/a	4/18/2020	130	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	6.765	n/a	4/18/2020	73	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	6.765	n/a	4/17/2020	29	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	6.765	n/a	4/17/2020	120	Yes	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	4/18/2020	4.08	Yes	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	4/18/2020	0.3	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	4/17/2020	31	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	4/18/2020	670	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	4/18/2020	32	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	4/17/2020	12	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	4/17/2020	280	Yes	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	4/18/2020	1100	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	4/18/2020	180	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	4/17/2020	600	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:48 PM

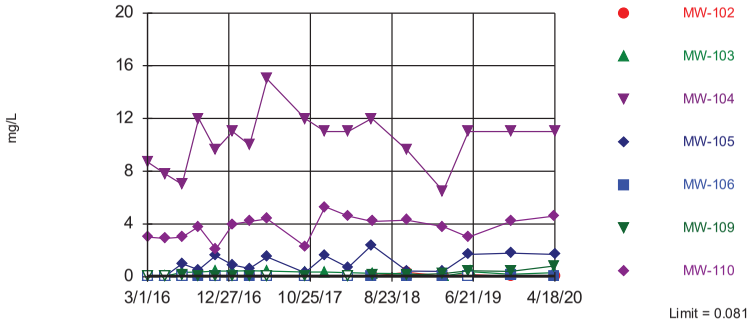
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	4/18/2020	0.012	No	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**4/17/2020**	**0.31**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**4/18/2020**	**11**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**4/18/2020**	**1.7**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	4/17/2020	0.07	No	96	n/a	n/a	84.38	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**4/17/2020**	**0.83**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**4/17/2020**	**4.6**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.426	n/a	4/18/2020	0.45	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.426**	**n/a**	**4/17/2020**	**3.5**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.426**	**n/a**	**4/18/2020**	**62**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.426**	**n/a**	**4/18/2020**	**58**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.426	n/a	4/17/2020	0.42	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.426**	**n/a**	**4/17/2020**	**5.2**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.426**	**n/a**	**4/17/2020**	**29**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	6.765	n/a	4/18/2020	6.3	No	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**6.765**	**n/a**	**4/17/2020**	**20**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**6.765**	**n/a**	**4/18/2020**	**130**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**6.765**	**n/a**	**4/18/2020**	**73**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	6.765	n/a	4/17/2020	4.8	No	96	5.206	0.8278	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**6.765**	**n/a**	**4/17/2020**	**29**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**6.765**	**n/a**	**4/17/2020**	**120**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	4/18/2020	4.96	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	4/17/2020	5.07	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**4/18/2020**	**4.08**	**Yes**	**95**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00043**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	4/18/2020	6.21	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	4/17/2020	5.23	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	4/17/2020	4.75	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	4/17/2020	4.7	No	95	n/a	n/a	0	n/a	n/a	0.00043	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	4/17/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**4/18/2020**	**0.3**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002106**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	4/18/2020	0.04J	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	4/17/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	4/17/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	4/17/2020	0.04J	No	96	n/a	n/a	97.92	n/a	n/a	0.0002106	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	4/18/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**4/17/2020**	**31**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**4/18/2020**	**670**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**4/18/2020**	**32**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	4/17/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.000215	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**4/17/2020**	**12**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**4/17/2020**	**280**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.000215**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	4/18/2020	54	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	4/17/2020	70	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**4/18/2020**	**1100**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002106**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**4/18/2020**	**180**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002106**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	4/17/2020	48	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	4/17/2020	28	No	96	n/a	n/a	28.13	n/a	n/a	0.0002106	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**4/17/2020**	**600**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002106**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 84.38% NDs. Annual per-constituent alpha = 0.002944. Individual comparison alpha = 0.0002106 (1 of 2). Comparing 7 points to limit.

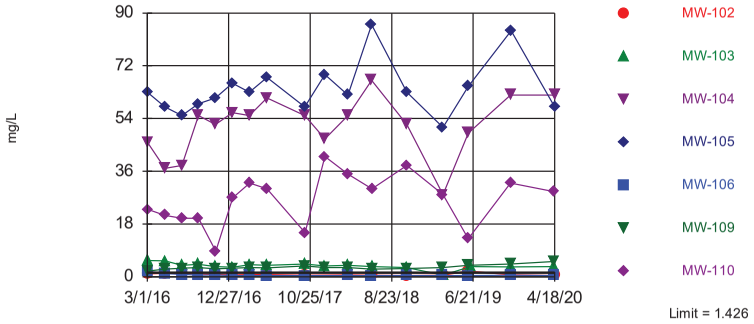
Constituent: Boron Analysis Run 6/22/2020 2:47 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8884, Std. Dev.=0.1259, n=96. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9651, critical = 0.965. Kappa = 1.883 (c=7, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001075. Comparing 7 points to limit.

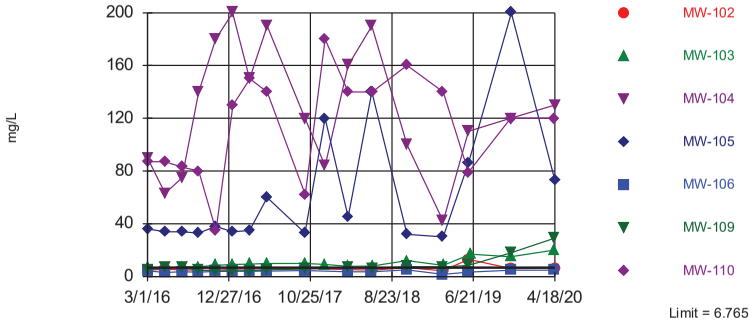
Constituent: Calcium Analysis Run 6/22/2020 2:47 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.206, Std. Dev.=0.8278, n=96. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.97, critical = 0.965. Kappa = 1.883 (c=7, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001075. Comparing 7 points to limit.

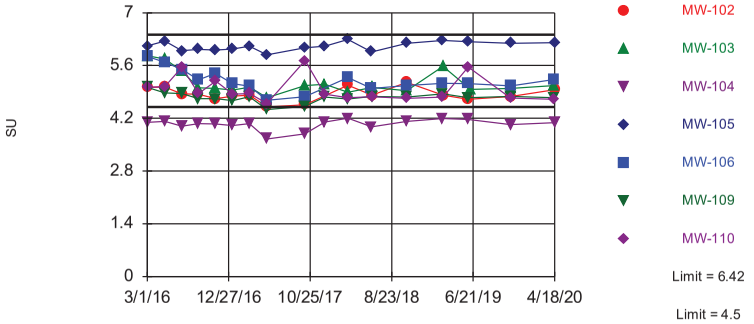
Constituent: Chloride Analysis Run 6/22/2020 2:47 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Exceeds Limits: MW-104

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 95 background values. Annual per-constituent alpha = 0.006012. Individual comparison alpha = 0.00043 (1 of 2). Comparing 7 points to limit.

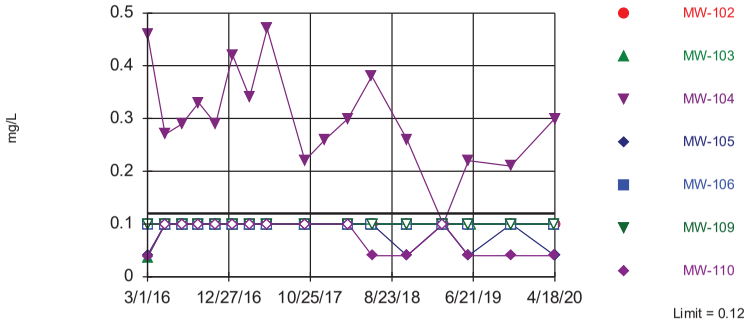
Constituent: Field pH Analysis Run 6/22/2020 2:47 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-104

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 97.92% NDs. Annual per-constituent alpha = 0.002944. Individual comparison alpha = 0.0002106 (1 of 2). Comparing 7 points to limit.

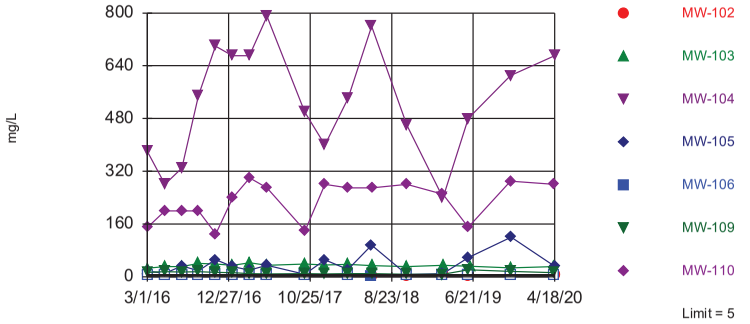
Constituent: Fluoride Analysis Run 6/22/2020 2:47 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 95 background values. 75.79% NDs. Annual per-constituent alpha = 0.003006. Individual comparison alpha = 0.000215 (1 of 2). Comparing 7 points to limit.

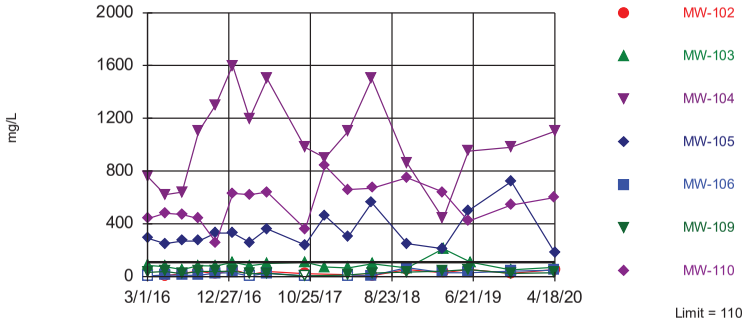
Constituent: Sulfate Analysis Run 6/22/2020 2:47 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-104, MW-105, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 96 background values. 28.13% NDs. Annual per-constituent alpha = 0.002944. Individual comparison alpha = 0.0002106 (1 of 2). Comparing 7 points to limit.

Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:47 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-106	MW-306 (bg)	MW-103	MW-104	MW-105
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05	<0.05	8.7	<0.05
3/2/2016									
5/2/2016	<0.05	<0.05	<0.05						
5/3/2016						<0.05			
5/4/2016				<0.05	<0.05				
5/5/2016							<0.05	7.8	<0.05
7/5/2016	<0.05	<0.05	<0.05			<0.05			
7/7/2016							0.33	7	1
7/8/2016				<0.05	<0.05				
9/6/2016	<0.05	<0.05	<0.05	<0.05		<0.05			
9/7/2016					0.022 (J)		0.37	12	0.53
11/7/2016	<0.05	<0.05	<0.05			<0.05			
11/9/2016					<0.05			9.6	1.6
11/10/2016				<0.05			0.43		
1/9/2017	<0.05	<0.05	<0.05			<0.05			
1/11/2017				<0.05	<0.05			11	0.9
1/12/2017							0.44		
3/13/2017	<0.05	0.022 (J)	<0.05			<0.05			
3/14/2017				<0.05	0.071			10	0.63
3/15/2017							0.46		
5/15/2017	<0.05	<0.05	<0.05			<0.05			
5/18/2017				<0.05	<0.05		0.44	15	1.5
10/2/2017	<0.05	0.023 (J)	<0.05			<0.05			
10/5/2017				<0.05	<0.05			12	0.32
10/6/2017							0.37		
12/19/2017							0.35 (R)	11 (R)	1.6 (R)
3/12/2018	<0.05	<0.05	<0.05			<0.05			
3/14/2018				<0.05	<0.05		0.32	11	0.7
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018						<0.05			
6/10/2018				<0.05	0.066			12	2.4
6/11/2018							0.26		
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018						<0.05			
10/18/2018				0.081	0.067		0.25	9.6	0.43
10/19/2018									
2/27/2019	<0.05	<0.05	<0.05	<0.05		<0.05			
3/1/2019					0.048 (J)			6.5	0.4
3/2/2019							<0.05		
5/31/2019	<0.05	<0.05	<0.05	<0.05		<0.05			
6/3/2019					<0.05			11	1.7
6/11/2019							0.39		
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)		0.011 (V)			
11/7/2019							0.19	11	
11/9/2019					0.097 (V)				1.8
4/16/2020	0.02	0.017	0.013	0.013		0.0075 (J)			
4/17/2020					0.07		0.31		
4/18/2020								11	1.7

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-307 (bg)	MW-110	MW-109
2/29/2016				
3/1/2016	<0.05	<0.05		
3/2/2016			3	<0.05
5/2/2016		<0.05		
5/3/2016				
5/4/2016				
5/5/2016	<0.05		2.9	<0.05
7/5/2016		<0.05		
7/7/2016	<0.05		3	0.1
7/8/2016				
9/6/2016	<0.05	<0.05		
9/7/2016			3.8	0.073
11/7/2016		<0.05		
11/9/2016				
11/10/2016	<0.05		2.1	0.073
1/9/2017		<0.05		
1/11/2017				
1/12/2017	<0.05		4	0.059
3/13/2017		<0.05		
3/14/2017				0.044 (J)
3/15/2017	<0.05		4.2	
5/15/2017		<0.05		
5/18/2017	<0.05		4.4	<0.05
10/2/2017		<0.05		
10/5/2017				0.047 (J)
10/6/2017	<0.05		2.3	
12/19/2017			5.3 (R)	
3/12/2018		<0.05		
3/14/2018	<0.05		4.6	<0.05
6/5/2018				
6/6/2018		<0.05		
6/10/2018				
6/11/2018	<0.05		4.2	0.11
10/16/2018				
10/17/2018		<0.05		
10/18/2018			4.3	0.15
10/19/2018	0.34			
2/27/2019		<0.05		
3/1/2019			3.8	0.23
3/2/2019	<0.05			
5/31/2019		<0.05		
6/3/2019	0.17		3	0.45
6/11/2019				
11/6/2019		0.0099 (J)		
11/7/2019			4.2	0.42
11/9/2019	0.023 (J)			
4/16/2020		0.0055 (J)		
4/17/2020			4.6	0.83
4/18/2020	0.012			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-102	MW-306 (bg)	MW-307 (bg)
2/29/2016	1	0.67	1.4	1 (J)					
3/1/2016					63	46	0.99 (J)	0.6	1.5
3/2/2016									
5/2/2016	0.78	0.58	1.1						0.83
5/3/2016								0.55	
5/4/2016				0.62					
5/5/2016					58	37	1.2		
7/5/2016	0.65	0.43	0.94					0.53	1.6
7/7/2016					55	38	1.1		
7/8/2016				0.4					
9/6/2016	0.7	0.48	1	0.45			1	0.5	1.6
9/7/2016					59	55			
11/7/2016	0.8	0.56	1.2					0.68	1.5
11/9/2016					61	52			
11/10/2016				0.44			0.73		
1/9/2017	0.74	0.43	1.2					0.56	0.98
1/11/2017				0.42	66	56			
1/12/2017							0.63		
3/13/2017	0.78	0.48	1.3					0.62	0.75
3/14/2017				0.42	63	55			
3/15/2017							0.72		
5/15/2017	0.76	0.37	1					0.58	0.83
5/18/2017				0.38	68	61	0.71		
10/2/2017	0.78	0.47	1.2					0.62	0.83
10/5/2017				0.39	58	55			
10/6/2017							0.56		
12/19/2017					69 (R)	47 (R)			
3/12/2018	0.88	0.49	1.4					0.59	0.71
3/14/2018				0.49	62	55	0.63		
6/5/2018	0.9	0.49	1.2						
6/6/2018								0.59	0.68
6/10/2018				0.39	86	67			
6/11/2018							0.55		
10/16/2018	0.86	0.42	1.4						
10/17/2018								0.54	0.66
10/18/2018				0.41	63	52			
10/19/2018							0.37		
2/27/2019	0.96	0.56	1.3	0.44				0.63	0.7
3/1/2019					51	28			
3/2/2019							0.57		
5/31/2019	0.76	0.33	1.1	0.28				0.45	0.52
6/3/2019					65	49	2		
6/11/2019									
11/6/2019	0.88	0.49	1.2	0.46				0.55	0.74
11/7/2019						62			
11/9/2019					84		0.61 (V)		
4/16/2020	0.84	0.36	1.3	0.38				0.53	0.59
4/17/2020									
4/18/2020					58	62	0.45		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-106	MW-109	MW-110
2/29/2016				
3/1/2016	5.6	1.8		
3/2/2016			2	23
5/2/2016				
5/3/2016				
5/4/2016		1.1		
5/5/2016	5.4		2.6	21
7/5/2016				
7/7/2016	3.9		2.9	20
7/8/2016		0.82		
9/6/2016				
9/7/2016	4.2	0.57	3.1	20
11/7/2016				
11/9/2016		0.62		
11/10/2016	3.5		2.7	8.7
1/9/2017				
1/11/2017		0.44		
1/12/2017	3.3		2.9	27
3/13/2017				
3/14/2017		0.46	3.1	
3/15/2017	4.1			32
5/15/2017				
5/18/2017	3.9	0.41	3	30
10/2/2017				
10/5/2017		0.39	3.7	
10/6/2017	4.3			15
12/19/2017	3.7 (R)		3.1 (R)	41 (R)
3/12/2018				
3/14/2018	3.9	0.47	3.1	35
6/5/2018				
6/6/2018				
6/10/2018		0.39		
6/11/2018	3.5		2.6	30
10/16/2018				
10/17/2018				
10/18/2018	3.1	0.47	2.8	38
10/19/2018				
2/27/2019				
3/1/2019		0.46	3.1	28
3/2/2019	0.56			
5/31/2019				
6/3/2019		0.38	3.9	13
6/11/2019	3.5			
11/6/2019				
11/7/2019	3.4		4.3	32
11/9/2019		0.56 (V)		
4/16/2020				
4/17/2020	3.5	0.42	5.2	29
4/18/2020				

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-106	MW-306 (bg)	MW-103	MW-104	MW-105
2/29/2016	5.3	7.4	8.1	5.4					
3/1/2016					4.4	5.6	6.6	90	36
3/2/2016									
5/2/2016	4.4	6.3	6						
5/3/2016						5.1			
5/4/2016				4.5	3				
5/5/2016							6.5	63	34
7/5/2016	4.2	4.8	5.2			4.7			
7/7/2016							7.3	75	34
7/8/2016				4.9	3.5				
9/6/2016	4.3	6	5.5	4.3		4.4			
9/7/2016					3.3		7.4	140	33
11/7/2016	4.2	5.7	5.4			4.6			
11/9/2016					3.9			180	38
11/10/2016				4.5			8.4		
1/9/2017	5.3	6.8	6.1			5.3			
1/11/2017				5.3	4.1			200	34
1/12/2017							9.2		
3/13/2017	5.2	6.8	5.5			5.6			
3/14/2017				5.5	4			150	35
3/15/2017							9.5		
5/15/2017	4.8	6.1	4.7			5.2			
5/18/2017				5	4		9.9	190	60
10/2/2017	5.5	6	6.1			5.5			
10/5/2017				5.6	4.5			120	33
10/6/2017							10		
12/19/2017							9.3 (R)	84 (R)	120 (R)
3/12/2018	5.3	5.9	6.1			5.6			
3/14/2018				5.2	3.7		7.7	160	45
6/5/2018	5.3	6.5	5.5						
6/6/2018						5.6			
6/10/2018				5.2	3.6			190	140
6/11/2018							8		
10/16/2018	5.5	5.9	5.1						
10/17/2018						5.5			
10/18/2018				5.2	5		12	100	32
10/19/2018									
2/27/2019	4.6	4.3	5	5.1		5.1			
3/1/2019					1.7 (J)			42	30
3/2/2019							8.5		
5/31/2019	5.1	4.5	5.4	5		5.4			
6/3/2019					3.3			110	86
6/11/2019							17		
11/6/2019	5.8	5.7	6.1	6		5.9			
11/7/2019							15	120	
11/9/2019					4.7				200
4/16/2020	6.1	5.6	5.3	5.8		6.2			
4/17/2020					4.8		20		
4/18/2020								130	73

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-307 (bg)	MW-110	MW-109
2/29/2016				
3/1/2016	4.8	4		
3/2/2016			87	5
5/2/2016		3.6		
5/3/2016				
5/4/2016				
5/5/2016	5.6		87	6.8
7/5/2016		3.6		
7/7/2016	5		83	6.7
7/8/2016				
9/6/2016	4.8	4		
9/7/2016			80	4.8
11/7/2016		4.4		
11/9/2016				
11/10/2016	4.7		35	4.2
1/9/2017		4.4		
1/11/2017				
1/12/2017	5.6		130	4.4
3/13/2017		4.1		
3/14/2017				4.4
3/15/2017	5.9		150	
5/15/2017		3.7		
5/18/2017	5.7		140	5
10/2/2017		4.8		
10/5/2017				5.8
10/6/2017	6		62	
12/19/2017			180 (R)	
3/12/2018		4		
3/14/2018	5.2		140	6.9
6/5/2018				
6/6/2018		4.1		
6/10/2018				
6/11/2018	4.9		140	6
10/16/2018				
10/17/2018		3.7		
10/18/2018			160	7.5
10/19/2018	6.7			
2/27/2019		4		
3/1/2019			140	7.2
3/2/2019	4.4			
5/31/2019		3.7		
6/3/2019	13		79	8.5
6/11/2019				
11/6/2019		4.7		
11/7/2019			120	18
11/9/2019	6.1			
4/16/2020		4.9		
4/17/2020			120	29
4/18/2020	6.3			

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-102	MW-106	MW-105	MW-104	MW-307 (bg)
2/29/2016	5.11	5.11	5.26	4.9					
3/1/2016					5.03	5.84	6.12	4.09	6.37
3/2/2016									
5/2/2016	4.76	4.77		4.69					5.605 (D)
5/3/2016									
5/4/2016			5.1			5.69			
5/5/2016					5.03		6.25	4.12	
7/5/2016	5.12	5.48		7.11 (o)					6.29
7/7/2016					4.85		5.99	3.99	
7/8/2016			4.96			5.49			
9/6/2016	5.11	5.12	5.43	5.19	4.84				6.42
9/7/2016						5.22	6.03	4.06	
11/7/2016	4.76	4.73		4.64					5.75
11/9/2016						5.39	6.01	4.05	
11/10/2016			4.89		4.72				
1/9/2017	4.99	5		4.94					5.98
1/11/2017			4.87			5.12	6.04	4.01	
1/12/2017					4.79				
3/13/2017	4.57	4.74		4.63					5.81
3/14/2017			4.71			5.05	6.11	4.06	
3/15/2017					4.81				
5/15/2017	4.6	4.63		4.52					5.42
5/18/2017			4.5		4.5	4.68	5.88	3.65	
10/2/2017	4.64	4.63		4.54					5.63
10/5/2017			4.63			4.77	6.07	3.79	
10/6/2017					4.56				
12/19/2017							6.11 (R)	4.1 (R)	
3/12/2018	4.85	4.81		4.81					5.6
3/14/2018			5.14		5.08	5.28	6.29	4.2	
6/5/2018	4.92	5.04		4.9					
6/6/2018									5.58
6/10/2018			5.12			4.99	5.96	3.97	
6/11/2018					4.81				
10/16/2018	4.93	4.98		4.81					
10/17/2018									5.54
10/18/2018			4.97			5.07	6.19	4.12	
10/19/2018					5.15				
2/27/2019	4.75	4.78	4.84	4.71					5.4
3/1/2019						5.13	6.27	4.19	
3/2/2019					4.81				
5/31/2019	4.9	4.92	4.92	4.84					5.45
6/3/2019					4.7	5.12	6.23	4.17	
6/11/2019									
11/6/2019	4.82	4.88	4.94	4.78					5.52
11/7/2019								4.03	
11/9/2019					4.78	5.06	6.19		
4/16/2020	5.03	5.15	5.17	4.96					5.58
4/17/2020						5.23			
4/18/2020					4.96		6.21	4.08	

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-306 (bg)	MW-110	MW-109
2/29/2016				
3/1/2016	5.86	5.08		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016				
5/3/2016		5.14		
5/4/2016				
5/5/2016	5.77		5.04	4.87
7/5/2016		5.38		
7/7/2016	5.45		5.55	4.86
7/8/2016				
9/6/2016		5.37		
9/7/2016	5.01		4.86	4.72
11/7/2016		4.92		
11/9/2016				
11/10/2016	4.99		5.19	4.72
1/9/2017		5.05		
1/11/2017				
1/12/2017	4.95		4.84	4.67
3/13/2017		4.87		
3/14/2017				4.77
3/15/2017	5.03		4.86	
5/15/2017		4.69		
5/18/2017	4.75		4.59	4.43
10/2/2017		4.88		
10/5/2017				4.52
10/6/2017	5.07		5.73	
12/19/2017	5.1 (R)		4.84 (R)	4.76 (R)
3/12/2018		5.07		
3/14/2018	4.89		4.75	4.71
6/5/2018				
6/6/2018		5.09		
6/10/2018				
6/11/2018	5.02		4.77	4.78
10/16/2018				
10/17/2018		4.99		
10/18/2018	4.93		4.73	4.76
10/19/2018				
2/27/2019		4.87		
3/1/2019			4.76	4.85
3/2/2019	5.58			
5/31/2019		4.89		
6/3/2019			5.56	4.75
6/11/2019	4.97			
11/6/2019		5.04		
11/7/2019	4.99		4.74	4.78
11/9/2019				
4/16/2020		5.13		
4/17/2020	5.07		4.7	4.75
4/18/2020				

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-102	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					0.041 (J)	0.46	<0.1	<0.1	0.033 (J)
3/2/2016									
5/2/2016	<0.1	<0.1	<0.1						<0.1
5/3/2016								<0.1	
5/4/2016				<0.1					
5/5/2016					<0.1	0.27	<0.1		
7/5/2016	<0.1	<0.1	<0.1					<0.1	<0.1
7/7/2016					<0.1	0.29	<0.1		
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1			<0.1	<0.1	<0.1
9/7/2016					<0.1	0.33			
11/7/2016	<0.1	<0.1	<0.1					<0.1	<0.1
11/9/2016					<0.1	0.29			
11/10/2016				<0.1			<0.1		
1/9/2017	<0.1	<0.1	<0.1					<0.1	<0.1
1/11/2017				<0.1	<0.1	0.42			
1/12/2017							<0.1		
3/13/2017	<0.1	<0.1	<0.1					<0.1	<0.1
3/14/2017				<0.1	<0.1	0.34			
3/15/2017							<0.1		
5/15/2017	<0.1	<0.1	<0.1					<0.1	<0.1
5/18/2017				<0.1	<0.1	0.47	<0.1		
10/2/2017	<0.1	<0.1	<0.1					<0.1	<0.1
10/5/2017				<0.1	<0.1	0.22			
10/6/2017							<0.1		
12/19/2017						0.26 (R)			
3/12/2018	<0.1	<0.1	<0.1					<0.1	<0.1
3/14/2018				0.12	<0.1	0.3	<0.1		
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018								<0.1	<0.1
6/10/2018				<0.1	<0.1	0.38			
6/11/2018							<0.1		
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018								<0.1	<0.1
10/18/2018				<0.1	0.04 (J)	0.26			
10/19/2018							<0.1		
2/27/2019	<0.1	<0.1	<0.1	<0.1				<0.1	<0.1
3/1/2019					<0.1	0.1			
3/2/2019							<0.1		
5/31/2019	<0.1	<0.1	<0.1	<0.1				<0.1	<0.1
6/3/2019					0.04 (J)	0.22	<0.1		
6/11/2019									
11/6/2019	<0.1	<0.1	<0.1	<0.1				<0.1	<0.1
11/7/2019						0.21			
11/9/2019					<0.1		<0.1		
4/16/2020	<0.1	<0.1	<0.1	<0.1				<0.1	<0.1
4/17/2020									
4/18/2020					0.04 (J)	0.3	<0.1		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-106	MW-109	MW-110
2/29/2016				
3/1/2016	0.037 (J)	<0.1		
3/2/2016			<0.1	0.039 (J)
5/2/2016				
5/3/2016				
5/4/2016		<0.1		
5/5/2016	<0.1		<0.1	<0.1
7/5/2016				
7/7/2016	<0.1		<0.1	<0.1
7/8/2016		<0.1		
9/6/2016				
9/7/2016	<0.1	<0.1	<0.1	<0.1
11/7/2016				
11/9/2016		<0.1		
11/10/2016	<0.1		<0.1	<0.1
1/9/2017				
1/11/2017		<0.1		
1/12/2017	<0.1		<0.1	<0.1
3/13/2017				
3/14/2017		<0.1	<0.1	
3/15/2017	<0.1			<0.1
5/15/2017				
5/18/2017	<0.1	<0.1	<0.1	<0.1
10/2/2017				
10/5/2017		<0.1	<0.1	
10/6/2017	<0.1			<0.1
12/19/2017				
3/12/2018				
3/14/2018	<0.1	<0.1	<0.1	<0.1
6/5/2018				
6/6/2018				
6/10/2018		<0.1		
6/11/2018	<0.1		<0.1	0.04 (J)
10/16/2018				
10/17/2018				
10/18/2018	<0.1	<0.1	<0.1	0.04 (J)
10/19/2018				
2/27/2019				
3/1/2019		<0.1	<0.1	<0.1
3/2/2019	<0.1			
5/31/2019				
6/3/2019		<0.1	<0.1	0.04 (J)
6/11/2019	<0.1			
11/6/2019				
11/7/2019	<0.1		<0.1	0.04 (J)
11/9/2019		<0.1		
4/16/2020				
4/17/2020	<0.1	<0.1	<0.1	0.04 (J)
4/18/2020				

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-103	MW-102	MW-306 (bg)
2/29/2016	<5	<5	1.6 (J)	<5					
3/1/2016					17	380	26	<5	<5
3/2/2016									
5/2/2016	15 (o)	<5	2.1 (J)						
5/3/2016									<5
5/4/2016				<5					
5/5/2016					11	280	31	<5	
7/5/2016	<5	<5	2 (J)						<5
7/7/2016					33	330	31	<5	
7/8/2016				<5					
9/6/2016	<5	<5	1.8 (J)	<5				<5	<5
9/7/2016					18	550	41		
11/7/2016	<5	<5	1.7 (J)						<5
11/9/2016					52	700			
11/10/2016				<5			39	<5	
1/9/2017	<5	2.6 (J)	1.5 (J)						<5
1/11/2017				<5	31	670			
1/12/2017							35	<5	
3/13/2017	2.5 (J)	<5	2.2 (J)						<5
3/14/2017				<5	20	670			
3/15/2017							43	<5	
5/15/2017	<5	<5	1.9 (J)						<5
5/18/2017				<5 (X)	35	790	35	<5 (X)	
10/2/2017	<5	<5	3.4 (J)						1.5 (J)
10/5/2017				<5	7.7	500			
10/6/2017							39	<5	
12/19/2017					51 (R)	400 (R)	36 (R)		
3/12/2018	<5	<5	2.6 (J)						<5
3/14/2018				<5	22	540	38	<5	
6/5/2018	<5	<5	2.6 (J)						
6/6/2018									<5
6/10/2018				1.5 (J)	96	760			
6/11/2018							34	1.7 (J)	
10/16/2018	<5	<5	2.8 (J)						
10/17/2018									<5
10/18/2018				<5	6.6	460	31		
10/19/2018								3.4 (J)	
2/27/2019	<5	<5	2.4 (J)	1.9 (J)					<5
3/1/2019					9.6	240			
3/2/2019							35	<5	
5/31/2019	<5	<5	3.3 (J)	<5					<5
6/3/2019					58	480		3.5 (J)	
6/11/2019							32		
11/6/2019	<5	<5	3.7 (J)	<5					<5
11/7/2019						610	27		
11/9/2019					120			<5	
4/16/2020	<5	<5	1.7 (J)	<5					<5
4/17/2020							31		
4/18/2020					32	670		<5	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-307 (bg)	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<5	<5		
3/2/2016			150	13
5/2/2016	<5			
5/3/2016				
5/4/2016		<5		
5/5/2016			200	15
7/5/2016	<5			
7/7/2016			200	14
7/8/2016		<5		
9/6/2016	3.7 (J)			
9/7/2016		<5	200	15
11/7/2016	<5			
11/9/2016		<5		
11/10/2016			130	13
1/9/2017	<5			
1/11/2017		<5		
1/12/2017			240	12
3/13/2017	<5			
3/14/2017		<5		10 (V)
3/15/2017			300	
5/15/2017	<5			
5/18/2017		<5 (X)	270	8.7
10/2/2017	1.7 (J)			
10/5/2017		<5		9.8
10/6/2017			140	
12/19/2017			280 (R)	8.4 (R)
3/12/2018	<5			
3/14/2018		<5	270	9.7
6/5/2018				
6/6/2018	<5			
6/10/2018		1.4 (J)		
6/11/2018			270	10
10/16/2018				
10/17/2018	<5			
10/18/2018		<5	280	8.1
10/19/2018				
2/27/2019	<5			
3/1/2019		<5	250	7.4
3/2/2019				
5/31/2019	<5			
6/3/2019		<5	150	21
6/11/2019				
11/6/2019	<5			
11/7/2019			290	16
11/9/2019		<5		
4/16/2020	<5			
4/17/2020		<5	280	12
4/18/2020				

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-106	MW-306 (bg)	MW-103	MW-104	MW-105
2/29/2016	20	12	<5	20					
3/1/2016					<5	10	84	760	290
3/2/2016									
5/2/2016	<5	6	<5						
5/3/2016						<5			
5/4/2016				6	12				
5/5/2016							76	620	250
7/5/2016	12	<5	14			<5			
7/7/2016							54	640	270
7/8/2016				6	10				
9/6/2016	36	38	30	36		36			
9/7/2016					10		82	1100	270
11/7/2016	18	<5	8			<5			
11/9/2016					26			1300	330
11/10/2016				16			80		
1/9/2017	4 (J)	14	<5			<5			
1/11/2017				38	28			1600	330
1/12/2017							110		
3/13/2017	6	8	<5			22			
3/14/2017				<5	<5			1200	260
3/15/2017							82		
5/15/2017	<5	<5	<5			6			
5/18/2017				10	26		100	1500	360
10/2/2017	<5	6	<5			16			
10/5/2017				<5	<5			980	240
10/6/2017							110		
12/19/2017							72 (R)	900 (R)	460 (R)
3/12/2018	18	<5	14			<5			
3/14/2018				8	<5		66	1100	300
6/5/2018	10	14	<5						
6/6/2018						20			
6/10/2018				8	6			1500	560
6/11/2018							96		
10/16/2018	32	6	12						
10/17/2018						44			
10/18/2018				28	68		64	860	250
10/19/2018									
2/27/2019	110	110	54	68		20			
3/1/2019					28			440	210
3/2/2019							210		
5/31/2019	46	26	8	<5		32			
6/3/2019					28			950	500
6/11/2019							110		
11/6/2019	<5	<5	4 (J)	10		24			
11/7/2019							50	980	
11/9/2019					42				720
4/16/2020	28	8	18	44		6			
4/17/2020					48		70		
4/18/2020								1100	180

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/22/2020 2:48 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-307 (bg)	MW-110	MW-109
2/29/2016				
3/1/2016	<5	<5		
3/2/2016			440	30
5/2/2016		36		
5/3/2016				
5/4/2016				
5/5/2016	<5		480	38
7/5/2016		<5		
7/7/2016	24		470	22
7/8/2016				
9/6/2016	40	44		
9/7/2016			440	38
11/7/2016		30		
11/9/2016				
11/10/2016	20		260	38
1/9/2017		12		
1/11/2017				
1/12/2017	54		630	40
3/13/2017		20		
3/14/2017				22
3/15/2017	14		620	
5/15/2017		4 (J)		
5/18/2017	38		640	24
10/2/2017		24		
10/5/2017				<5
10/6/2017	22		360	
12/19/2017			840 (R)	
3/12/2018		<5		
3/14/2018	14		660	12
6/5/2018				
6/6/2018		16		
6/10/2018				
6/11/2018	8		670	26
10/16/2018				
10/17/2018		44		
10/18/2018			750	34
10/19/2018	54			
2/27/2019		28		
3/1/2019			640	42
3/2/2019	28			
5/31/2019		18		
6/3/2019	54		420	54
6/11/2019				
11/6/2019		20		
11/7/2019			540	24
11/9/2019	24			
4/16/2020		8		
4/17/2020			600	28
4/18/2020	54			

200 Series

Appendix III Interwell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-200	0.081	n/a	4/18/2020	1.6	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-201	0.081	n/a	4/22/2020	4.2	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-206	0.081	n/a	4/18/2020	17	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-200	1.329	n/a	4/18/2020	40	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-201	1.329	n/a	4/22/2020	61	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-206	1.329	n/a	4/18/2020	320	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-200	6.594	n/a	4/18/2020	59	Yes	96	5.206	0.8278	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-201	6.594	n/a	4/22/2020	120	Yes	96	5.206	0.8278	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-206	6.594	n/a	4/18/2020	660	Yes	96	5.206	0.8278	0	None	No	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	4/22/2020	0.39	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-200	5	n/a	4/18/2020	64	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002159	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-201	5	n/a	4/22/2020	130	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002159	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-206	5	n/a	4/18/2020	250	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002159	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-200	110	n/a	4/18/2020	240	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002114	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-201	110	n/a	4/22/2020	600	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002114	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-206	110	n/a	4/18/2020	1700	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002114	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 200 Series Wells - All Results

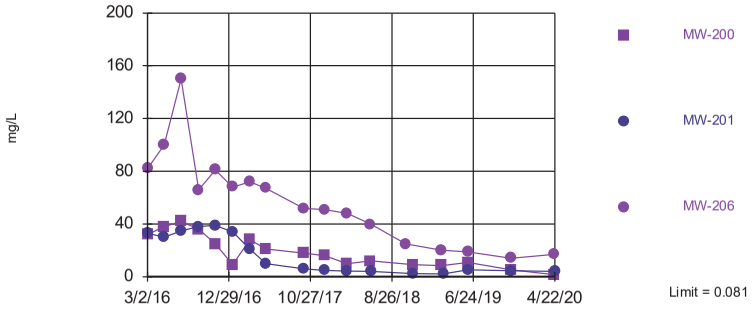
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:53 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**4/18/2020**	**1.6**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**4/22/2020**	**4.2**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**4/18/2020**	**17**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.329**	**n/a**	**4/18/2020**	**40**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.329**	**n/a**	**4/22/2020**	**61**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.329**	**n/a**	**4/18/2020**	**320**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.594**	**n/a**	**4/18/2020**	**59**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.594**	**n/a**	**4/22/2020**	**120**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.594**	**n/a**	**4/18/2020**	**660**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**4/22/2020**	**0.39**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002114**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002114	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**4/18/2020**	**64**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002159**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**4/22/2020**	**130**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002159**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**4/18/2020**	**250**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002159**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**4/18/2020**	**240**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002114**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**4/22/2020**	**600**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002114**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**4/18/2020**	**1700**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002114**	**NP Inter (normality) 1 of 2**

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 84.38% NDs. Annual per-constituent alpha = 0.001268. Individual comparison alpha = 0.0002114 (1 of 2). Comparing 3 points to limit.

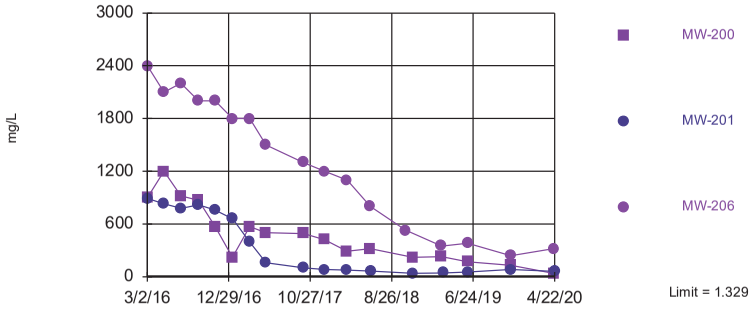
Constituent: Boron Analysis Run 6/22/2020 2:51 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8884, Std. Dev.=0.1259, n=96. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9651, critical = 0.965. Kappa = 1.676 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Calcium Analysis Run 6/22/2020 2:52 PM View: 200 Series

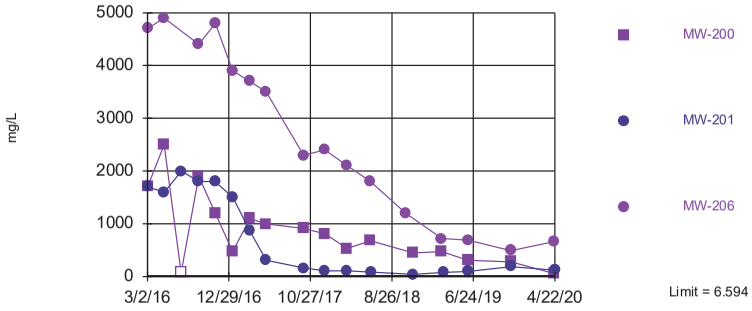
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.206, Std. Dev.=0.8278, n=96. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.97, critical = 0.965. Kappa = 1.676 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Chloride Analysis Run 6/22/2020 2:52 PM View: 200 Series

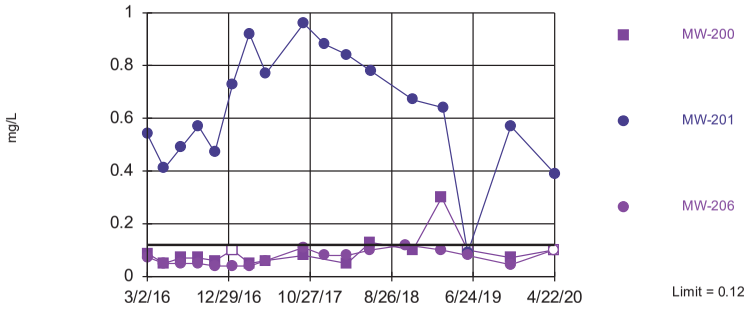
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Exceeds Limit: MW-201

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 97.92% NDs. Annual per-constituent alpha = 0.001268. Individual comparison alpha = 0.0002114 (1 of 2). Comparing 3 points to limit.

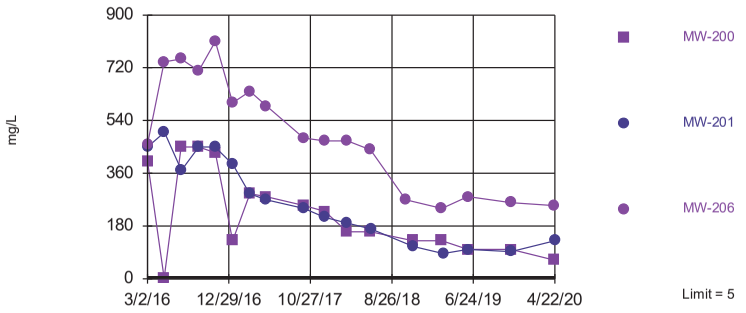
Constituent: Fluoride Analysis Run 6/22/2020 2:52 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 95 background values. 75.79% NDs. Annual per-constituent alpha = 0.001295. Individual comparison alpha = 0.0002159 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 6/22/2020 2:52 PM View: 200 Series

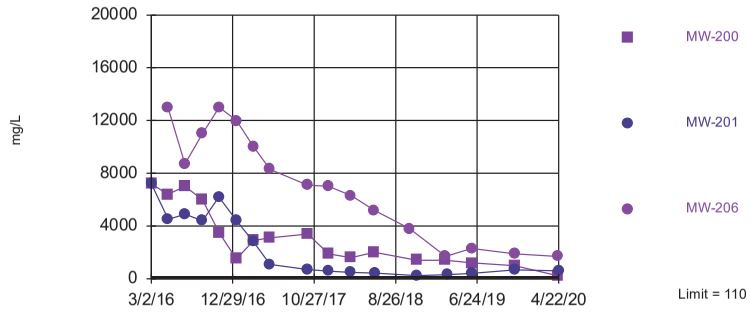
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 96 background values. 28.13% NDs. Annual per-constituent alpha = 0.001268. Individual comparison alpha = 0.0002114 (1 of 2). Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:52 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-201	MW-200
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/2/2016							82	33	32
5/2/2016	<0.05	<0.05	<0.05		<0.05				
5/3/2016						<0.05	100		38
5/4/2016				<0.05				30	
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05	150		42
7/6/2016								35	
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/8/2016							66	38	36
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
11/8/2016								39	
11/9/2016							81		25
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/11/2017				<0.05					
1/12/2017							68		9.1
1/13/2017								34	
3/13/2017	<0.05	<0.05	0.022 (J)		<0.05	<0.05			
3/14/2017				<0.05					
3/16/2017								21	
3/17/2017							72		28
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
5/16/2017									21
5/17/2017							67	10	
5/18/2017				<0.05					
10/2/2017	<0.05	<0.05	0.023 (J)		<0.05	<0.05			
10/3/2017							52		
10/4/2017								6	18
10/5/2017				<0.05					
12/20/2017							51	4.9 (R)	16 (R)
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018									10
3/14/2018				<0.05			48	4.4	
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			
6/8/2018							40		12
6/9/2018								4.1	
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05	25		
10/18/2018				0.081					
11/13/2018									9.1
11/14/2018								2.3	
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							20		8.5
3/5/2019								2.1	
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
6/4/2019							19	5.2	11
11/6/2019	0.017 (V)	0.016 (V)	0.022 (V)	0.016 (V)	0.0099 (J)	0.011 (V)			
11/12/2019							14	4.5	5.3

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-201	MW-200
4/16/2020	0.02	0.013	0.017	0.013	0.0055 (J)	0.0075 (J)			
4/18/2020							17		1.6
4/22/2020								4.2	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-201	MW-200
2/29/2016	1	0.67	1.4	1 (J)					
3/1/2016					1.5	0.6			
3/2/2016							2400	890	900
5/2/2016	0.78	0.58	1.1		0.83				
5/3/2016						0.55	2100		1200
5/4/2016				0.62				830	
7/5/2016	0.65	0.43	0.94		1.6	0.53	2200		920
7/6/2016								780	
7/8/2016				0.4					
9/6/2016	0.7	0.48	1	0.45	1.6	0.5			
9/8/2016							2000	820	870
11/7/2016	0.8	0.56	1.2		1.5	0.68			
11/8/2016								760	
11/9/2016							2000		570
11/10/2016				0.44					
1/9/2017	0.74	0.43	1.2		0.98	0.56			
1/11/2017				0.42					
1/12/2017							1800		220
1/13/2017								660	
3/13/2017	0.78	0.48	1.3		0.75	0.62			
3/14/2017				0.42					
3/16/2017								400	
3/17/2017							1800		570
5/15/2017	0.76	0.37	1		0.83	0.58			
5/16/2017									500
5/17/2017							1500	160	
5/18/2017				0.38					
10/2/2017	0.78	0.47	1.2		0.83	0.62			
10/3/2017							1300		
10/4/2017								100	490
10/5/2017				0.39					
12/20/2017							1200	82 (R)	420 (R)
3/12/2018	0.88	0.49	1.4		0.71	0.59			
3/13/2018									290
3/14/2018				0.49			1100	75	
6/5/2018	0.9	0.49	1.2						
6/6/2018					0.68	0.59			
6/8/2018							800		320
6/9/2018								64	
6/10/2018				0.39					
10/16/2018	0.86	0.42	1.4						
10/17/2018					0.66	0.54	530		
10/18/2018				0.41					
11/13/2018									220
11/14/2018								38	
2/27/2019	0.96	0.56	1.3	0.44	0.7	0.63			
2/28/2019							350		230
3/5/2019								43	
5/31/2019	0.76	0.33	1.1	0.28	0.52	0.45			
6/4/2019							380 (D)	54	170
11/6/2019	0.88	0.49	1.2	0.46	0.74	0.55			
11/12/2019							240	82	130

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-201	MW-200
4/16/2020	0.84	0.36	1.3	0.38	0.59	0.53			
4/18/2020							320		40
4/22/2020								61	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
2/29/2016	5.3	7.4	8.1	5.4					
3/1/2016					5.6	4			
3/2/2016							1700	4700	1700
5/2/2016	4.4	6.3	6			3.6			
5/3/2016					5.1		2500	4900	
5/4/2016				4.5					1600
7/5/2016	4.2	4.8	5.2		4.7	3.6	<140	360 (o)	
7/6/2016									2000
7/8/2016				4.9					
9/6/2016	4.3	6	5.5	4.3	4.4	4			
9/8/2016							1900	4400	1800
11/7/2016	4.2	5.7	5.4		4.6	4.4			
11/8/2016									1800
11/9/2016							1200	4800	
11/10/2016				4.5					
1/9/2017	5.3	6.8	6.1		5.3	4.4			
1/11/2017				5.3					
1/12/2017							470	3900	
1/13/2017									1500
3/13/2017	5.2	6.8	5.5		5.6	4.1			
3/14/2017				5.5					
3/16/2017									870
3/17/2017							1100	3700	
5/15/2017	4.8	6.1	4.7		5.2	3.7			
5/16/2017							1000		
5/17/2017								3500	310
5/18/2017				5					
10/2/2017	5.5	6	6.1		5.5	4.8			
10/3/2017								2300	
10/4/2017							910		160
10/5/2017				5.6					
12/20/2017							810 (R)	2400	110 (R)
3/12/2018	5.3	5.9	6.1		5.6	4			
3/13/2018							530		
3/14/2018				5.2				2100	110
6/5/2018	5.3	6.5	5.5						
6/6/2018					5.6	4.1			
6/8/2018							680	1800	
6/9/2018									86
6/10/2018				5.2					
10/16/2018	5.5	5.9	5.1						
10/17/2018					5.5	3.7		1200	
10/18/2018				5.2					
11/13/2018							450		
11/14/2018									41
2/27/2019	4.6	4.3	5	5.1	5.1	4			
2/28/2019							470	720	
3/5/2019									75
5/31/2019	5.1	4.5	5.4	5	5.4	3.7			
6/4/2019							310	690	98
11/6/2019	5.8	5.7	6.1	6	5.9	4.7			
11/12/2019							280	490	190

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
4/16/2020	6.1	5.6	5.3	5.8	6.2	4.9			
4/18/2020							59	660	
4/22/2020									120

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/2/2016							0.088 (J)	0.074 (J)	0.54
5/2/2016	<0.1	<0.1	<0.1			<0.1			
5/3/2016					<0.1		0.05 (J)	0.05 (J)	
5/4/2016				<0.1					0.41
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1	0.07 (J)	0.05 (J)	
7/6/2016									0.49
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/8/2016							0.07 (J)	0.05 (J)	0.57
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
11/8/2016									0.47
11/9/2016							0.06 (J)	0.04 (J)	
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/11/2017				<0.1					
1/12/2017							<0.1	0.04 (J)	
1/13/2017									0.73
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/16/2017									0.92
3/17/2017							0.05 (J)	0.04 (J)	
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
5/16/2017							0.06 (J)		
5/17/2017								0.06 (J)	0.77
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017								0.11	
10/4/2017							0.08 (J)		0.96
10/5/2017				<0.1					
12/20/2017								0.08 (I)	0.88 (R)
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							0.05 (J)		
3/14/2018				0.12				0.08 (J)	0.84
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			
6/8/2018							0.13	0.1	
6/9/2018									0.78
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1		0.12	
10/18/2018				<0.1					
11/13/2018							0.1		
11/14/2018									0.67
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.3	0.1	
3/5/2019									0.64
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
6/4/2019							<0.1	0.08 (J)	0.09 (J)
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/12/2019							0.072 (J)	0.045 (J)	0.57

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							<0.1	<0.1	
4/22/2020									0.39

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					<5	<5			
3/2/2016							400	460	450
5/2/2016	15 (o)	2.1 (J)	<5			<5			
5/3/2016					<5		2.2 (J)	740	
5/4/2016				<5					500
7/5/2016	<5	2 (J)	<5		<5	<5	450 (J)	750	
7/6/2016									370
7/8/2016				<5					
9/6/2016	<5	1.8 (J)	<5	<5	<5	3.7 (J)			
9/8/2016							450	710	450
11/7/2016	<5	1.7 (J)	<5		<5	<5			
11/8/2016									450
11/9/2016							430	810	
11/10/2016				<5					
1/9/2017	<5	1.5 (J)	2.6 (J)		<5	<5			
1/11/2017				<5					
1/12/2017							130	600	
1/13/2017									390
3/13/2017	2.5 (J)	2.2 (J)	<5		<5	<5			
3/14/2017				<5					
3/16/2017									290
3/17/2017							290	640	
5/15/2017	<5	1.9 (J)	<5		<5	<5			
5/16/2017							280		
5/17/2017								590	270
5/18/2017				<5 (X)					
10/2/2017	<5	3.4 (J)	<5		1.5 (J)	1.7 (J)			
10/3/2017								480	
10/4/2017							250		240
10/5/2017				<5					
12/20/2017							230 (R)	470	210 (R)
3/12/2018	<5	2.6 (J)	<5		<5	<5			
3/13/2018							160		
3/14/2018				<5				470	190
6/5/2018	<5	2.6 (J)	<5						
6/6/2018					<5	<5			
6/8/2018							160	440	
6/9/2018									170
6/10/2018				1.5 (J)					
10/16/2018	<5	2.8 (J)	<5						
10/17/2018					<5	<5		270	
10/18/2018				<5					
11/13/2018							130		
11/14/2018									110
2/27/2019	<5	2.4 (J)	<5	1.9 (J)	<5	<5			
2/28/2019							130	240	
3/5/2019									86
5/31/2019	<5	3.3 (J)	<5	<5	<5	<5			
6/4/2019							100	280	100
11/6/2019	<5	3.7 (J)	<5	<5	<5	<5			
11/12/2019							100	260	93

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
4/16/2020	<5	1.7 (J)	<5	<5	<5	<5			
4/18/2020							64	250	
4/22/2020									130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	20	12	<5	20					
3/1/2016					10	<5			
3/2/2016							7200	7200	32000 (o)
5/2/2016	<5	6	<5			36			
5/3/2016					<5		6400		13000
5/4/2016				6				4500	
7/5/2016	12	<5	14		<5	<5	7000		8700
7/6/2016								4900	
7/8/2016				6					
9/6/2016	36	38	30	36	36	44			
9/8/2016							6000	4400	11000 (Q)
11/7/2016	18	<5	8		<5	30			
11/8/2016								6200	
11/9/2016							3500		13000
11/10/2016				16					
1/9/2017	4 (J)	14	<5		<5	12			
1/11/2017				38					
1/12/2017							1500		12000
1/13/2017								4400	
3/13/2017	6	8	<5		22	20			
3/14/2017				<5					
3/16/2017								2800	
3/17/2017							2900		10000
5/15/2017	<5	<5	<5		6	4 (J)			
5/16/2017							3100		
5/17/2017								1100	8300
5/18/2017				10					
10/2/2017	<5	6	<5		16	24			
10/3/2017									7100
10/4/2017							3400	700	
10/5/2017				<5					
12/20/2017							1900 (R)	590 (R)	7000
3/12/2018	18	<5	14		<5	<5			
3/13/2018							1600		
3/14/2018				8				490	6300
6/5/2018	10	14	<5						
6/6/2018					20	16			
6/8/2018							2000		5200
6/9/2018								430	
6/10/2018				8					
10/16/2018	32	6	12						
10/17/2018					44	44			3800
10/18/2018				28					
11/13/2018							1400		
11/14/2018								230	
2/27/2019	110	110	54	68	20	28			
2/28/2019							1400		1700
3/5/2019								300	
5/31/2019	46	26	8	<5	32	18			
6/4/2019							1200	400	2300
11/6/2019	<5	<5	4 (J)	10	24	20			
11/12/2019							1000	670	1900

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/22/2020 2:53 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	28	8	18	44	6	8			
4/18/2020							240		1700
4/22/2020								600	

Appendix III Intrawell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:55 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**4/18/2020**	**5**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 200 Series Wells - All Results

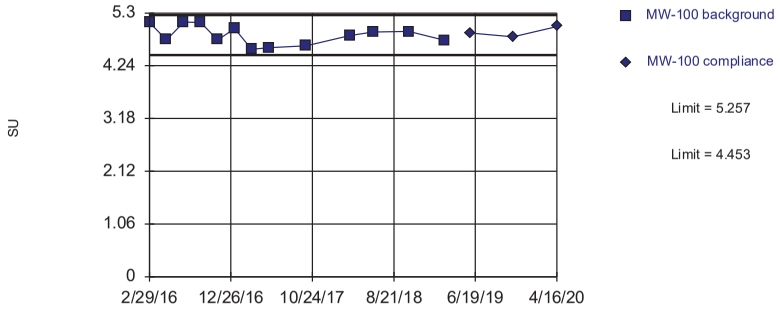
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:55 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	4/16/2020	5.03	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	4/16/2020	5.17	No	13	4.955	0.258	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-107	5.412	4.406	4/16/2020	5.15	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	4/16/2020	4.96	No	12	4.773	0.1917	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-200	5.263	4.716	4/18/2020	5.2	No	14	4.989	0.134	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-201	5.704	4.463	4/22/2020	4.69	No	14	5.084	0.304	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**4/18/2020**	**5**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	MW-306	5.438	4.624	4/16/2020	5.13	No	13	5.031	0.1961	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-307	6.537	5.063	4/16/2020	5.58	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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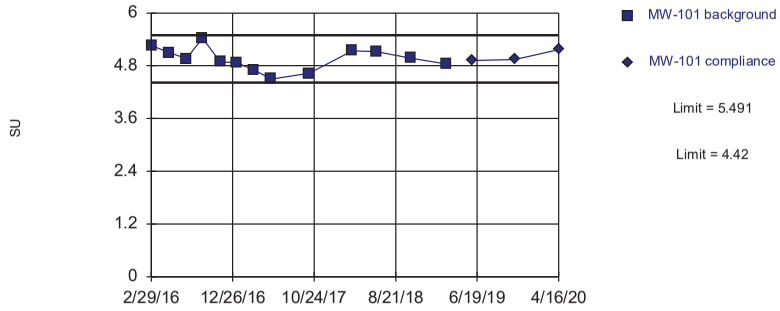
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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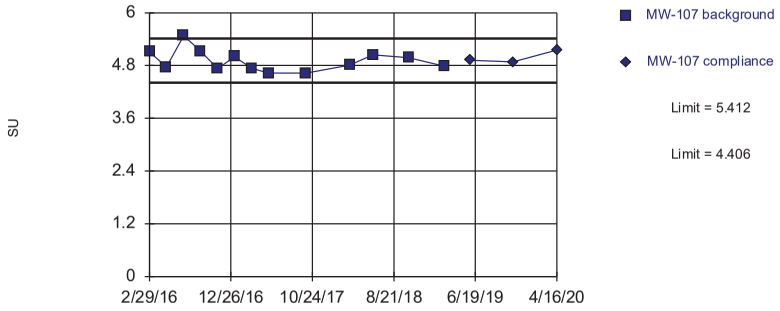
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

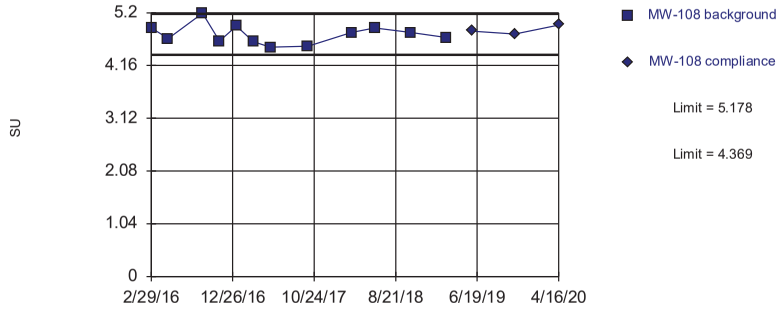
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.112 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

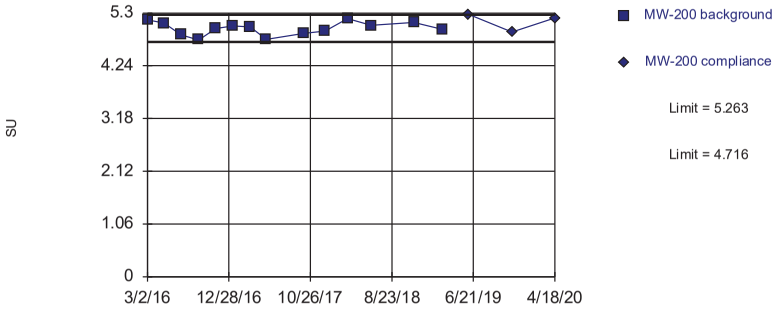
Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.989, Std. Dev.=0.134, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

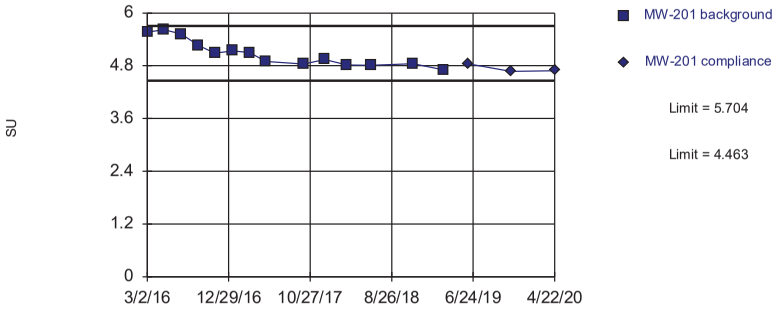
Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.084, Std. Dev.=0.304, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8864, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

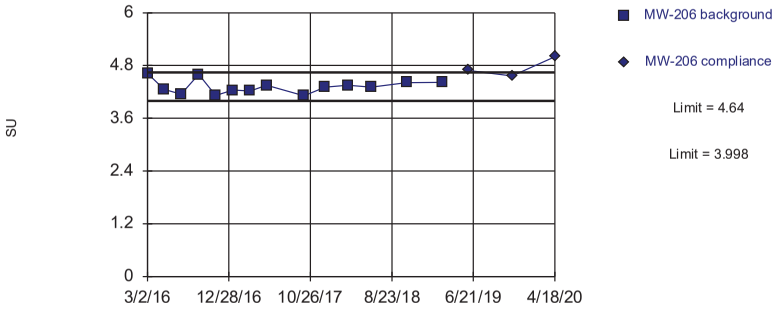
Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.319, Std. Dev.=0.1573, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

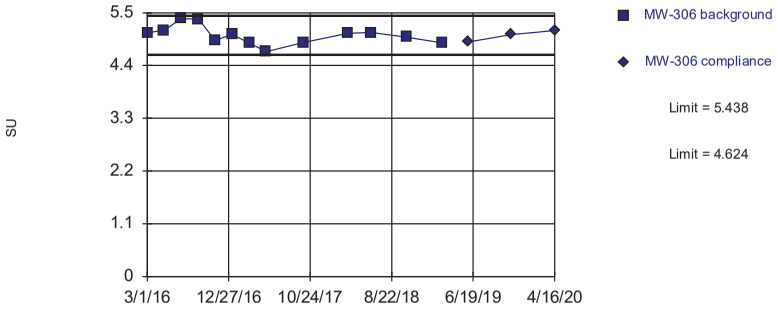
Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

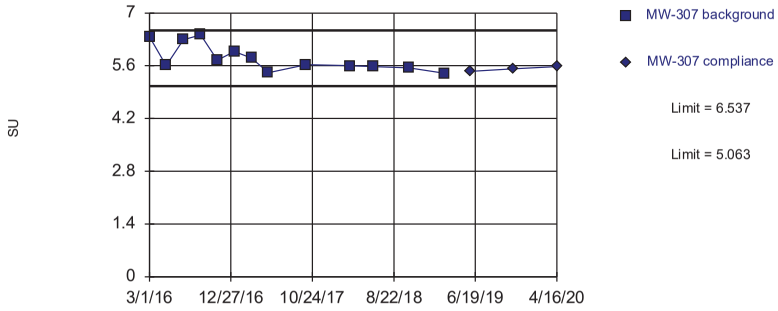
Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 6/22/2020 2:54 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100	MW-100
2/29/2016	5.11	
5/2/2016	4.76	
7/5/2016	5.12	
9/6/2016	5.11	
11/7/2016	4.76	
1/9/2017	4.99	
3/13/2017	4.57	
5/15/2017	4.6	
10/2/2017	4.64	
3/12/2018	4.85	
6/5/2018	4.92	
10/16/2018	4.93	
2/27/2019	4.75	
5/31/2019		4.9
11/6/2019		4.82
4/16/2020		5.03

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-101	MW-101
2/29/2016	5.26	
5/4/2016	5.1	
7/8/2016	4.96	
9/6/2016	5.43	
11/10/2016	4.89	
1/11/2017	4.87	
3/14/2017	4.71	
5/18/2017	4.5	
10/5/2017	4.63	
3/14/2018	5.14	
6/10/2018	5.12	
10/18/2018	4.97	
2/27/2019	4.84	
5/31/2019		4.92
11/6/2019		4.94
4/16/2020		5.17

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107	MW-107
2/29/2016	5.11	
5/2/2016	4.77	
7/5/2016	5.48	
9/6/2016	5.12	
11/7/2016	4.73	
1/9/2017	5	
3/13/2017	4.74	
5/15/2017	4.63	
10/2/2017	4.63	
3/12/2018	4.81	
6/5/2018	5.04	
10/16/2018	4.98	
2/27/2019	4.78	
5/31/2019		4.92
11/6/2019		4.88
4/16/2020		5.15

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-108	MW-108
2/29/2016	4.9	
5/2/2016	4.69	
7/5/2016	7.11 (o)	
9/6/2016	5.19	
11/7/2016	4.64	
1/9/2017	4.94	
3/13/2017	4.63	
5/15/2017	4.52	
10/2/2017	4.54	
3/12/2018	4.81	
6/5/2018	4.9	
10/16/2018	4.81	
2/27/2019	4.71	
5/31/2019		4.84
11/6/2019		4.78
4/16/2020		4.96

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-200
3/2/2016	5.16 (D)	
5/3/2016	5.1	
7/5/2016	4.86	
9/8/2016	4.76	
11/9/2016	4.99	
1/12/2017	5.04	
3/17/2017	5.02	
5/16/2017	4.77	
10/4/2017	4.89	
12/20/2017	4.94 (R)	
3/13/2018	5.19	
6/8/2018	5.05	
11/13/2018	5.11	
2/28/2019	4.97	
6/4/2019		5.27
11/12/2019		4.92
4/18/2020		5.2

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-201
3/2/2016	5.57	
5/4/2016	5.62	
7/6/2016	5.52	
9/8/2016	5.26	
11/8/2016	5.09	
1/13/2017	5.14	
3/16/2017	5.1	
5/17/2017	4.9	
10/4/2017	4.84	
12/20/2017	4.94 (R)	
3/14/2018	4.82	
6/9/2018	4.81	
11/14/2018	4.85	
3/5/2019	4.71	
6/4/2019		4.85
11/12/2019		4.67
4/22/2020		4.69

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-206	MW-206
3/2/2016	4.62	
5/3/2016	4.26	
7/5/2016	4.15	
9/8/2016	4.6	
11/9/2016	4.12	
1/12/2017	4.24	
3/17/2017	4.22	
5/17/2017	4.35	
10/3/2017	4.11	
12/20/2017	4.31	
3/14/2018	4.35	
6/8/2018	4.31	
10/17/2018	4.41	
2/28/2019	4.42	
6/4/2019		4.69
11/12/2019		4.56
4/18/2020		5

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306	MW-306
3/1/2016	5.08	
5/3/2016	5.14	
7/5/2016	5.38	
9/6/2016	5.37	
11/7/2016	4.92	
1/9/2017	5.05	
3/13/2017	4.87	
5/15/2017	4.69	
10/2/2017	4.88	
3/12/2018	5.07	
6/6/2018	5.09	
10/17/2018	4.99	
2/27/2019	4.87	
5/31/2019		4.89
11/6/2019		5.04
4/16/2020		5.13

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/22/2020 2:55 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-307	MW-307
3/1/2016	6.37	
5/2/2016	5.605 (D)	
7/5/2016	6.29	
9/6/2016	6.42	
11/7/2016	5.75	
1/9/2017	5.98	
3/13/2017	5.81	
5/15/2017	5.42	
10/2/2017	5.63	
3/12/2018	5.6	
6/6/2018	5.58	
10/17/2018	5.54	
2/27/2019	5.4	
5/31/2019		5.45
11/6/2019		5.52
4/16/2020		5.58

300 Series

Appendix III Interwell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-303	0.081	n/a	4/18/2020	5.7	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	4/18/2020	2.8	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	4/18/2020	3	Yes	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.39	n/a	4/18/2020	93	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.39	n/a	4/18/2020	150	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.39	n/a	4/18/2020	48	Yes	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	6.703	n/a	4/18/2020	8.7	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	6.703	n/a	4/18/2020	96	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	6.703	n/a	4/18/2020	140	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	6.703	n/a	4/18/2020	8.2	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	6.703	n/a	4/18/2020	33	Yes	96	5.206	0.8278	0	None	No	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	4/18/2020	0.25	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	4/18/2020	0.17	Yes	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5	n/a	4/18/2020	260	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5	n/a	4/18/2020	600	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5	n/a	4/18/2020	120	Yes	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	4/18/2020	520	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	4/18/2020	1000	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	4/18/2020	280	Yes	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:27 AM

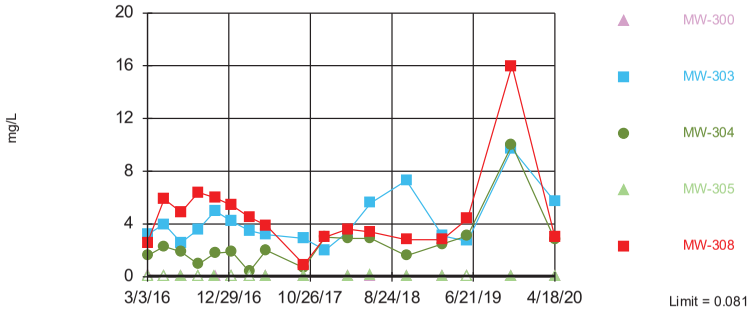
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	4/18/2020	0.027	No	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**4/18/2020**	**5.7**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**4/18/2020**	**2.8**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	4/18/2020	0.016	No	96	n/a	n/a	84.38	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**4/18/2020**	**3**	**Yes**	**96**	**n/a**	**n/a**	**84.38**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.39	n/a	4/18/2020	0.48	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.39**	**n/a**	**4/18/2020**	**93**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.39**	**n/a**	**4/18/2020**	**150**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-305	1.39	n/a	4/18/2020	0.9	No	96	0.8884	0.1259	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-308**	**1.39**	**n/a**	**4/18/2020**	**48**	**Yes**	**96**	**0.8884**	**0.1259**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.703**	**n/a**	**4/18/2020**	**8.7**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.703**	**n/a**	**4/18/2020**	**96**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.703**	**n/a**	**4/18/2020**	**140**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.703**	**n/a**	**4/18/2020**	**8.2**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.703**	**n/a**	**4/18/2020**	**33**	**Yes**	**96**	**5.206**	**0.8278**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**4/18/2020**	**0.25**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	4/18/2020	0.1ND	No	96	n/a	n/a	97.92	n/a	n/a	0.0002111	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**4/18/2020**	**0.17**	**Yes**	**96**	**n/a**	**n/a**	**97.92**	**n/a**	**n/a**	**0.0002111**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	5	n/a	4/18/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**4/18/2020**	**260**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002155**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**4/18/2020**	**600**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002155**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-305	5	n/a	4/18/2020	5ND	No	95	n/a	n/a	75.79	n/a	n/a	0.0002155	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**4/18/2020**	**120**	**Yes**	**95**	**n/a**	**n/a**	**75.79**	**n/a**	**n/a**	**0.0002155**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	4/18/2020	62	No	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**4/18/2020**	**520**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002111**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**4/18/2020**	**1000**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002111**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	4/18/2020	36	No	96	n/a	n/a	28.13	n/a	n/a	0.0002111	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**4/18/2020**	**280**	**Yes**	**96**	**n/a**	**n/a**	**28.13**	**n/a**	**n/a**	**0.0002111**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 84.38% NDs. Annual per-constituent alpha = 0.002109. Individual comparison alpha = 0.0002111 (1 of 2). Comparing 5 points to limit.

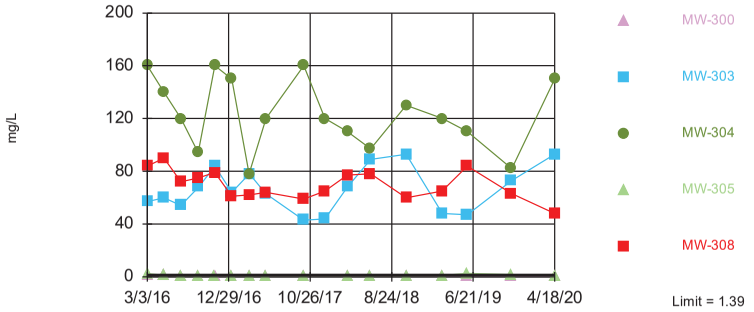
Constituent: Boron Analysis Run 6/25/2020 9:26 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8884, Std. Dev.=0.1259, n=96. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9651, critical = 0.965. Kappa = 1.808 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

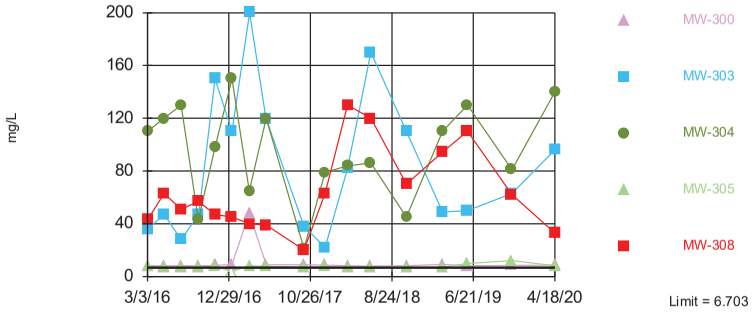
Constituent: Calcium Analysis Run 6/25/2020 9:26 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-300, MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.206, Std. Dev.=0.8278, n=96. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.97, critical = 0.965. Kappa = 1.808 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

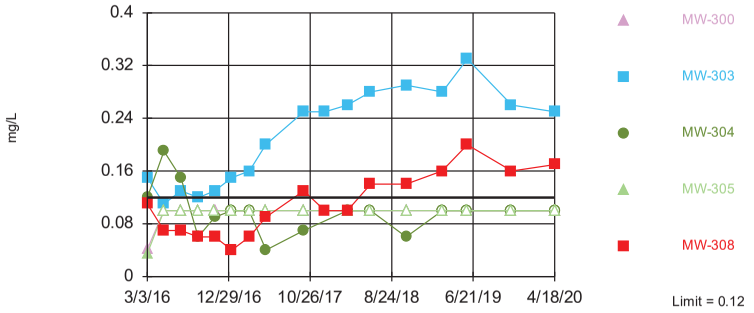
Constituent: Chloride Analysis Run 6/25/2020 9:26 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 97.92% NDs. Annual per-constituent alpha = 0.002109. Individual comparison alpha = 0.0002111 (1 of 2). Comparing 5 points to limit.

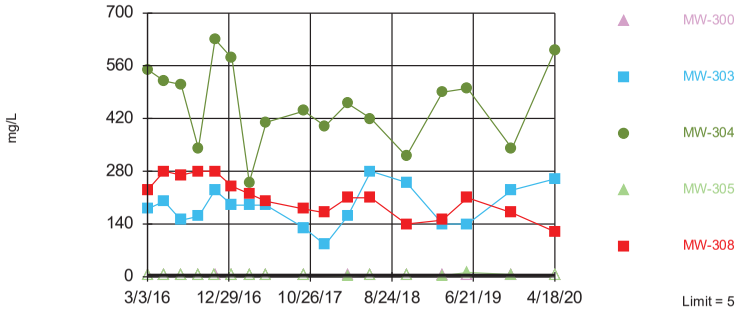
Constituent: Fluoride Analysis Run 6/25/2020 9:26 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 95 background values. 75.79% NDs. Annual per-constituent alpha = 0.002153. Individual comparison alpha = 0.0002155 (1 of 2). Comparing 5 points to limit.

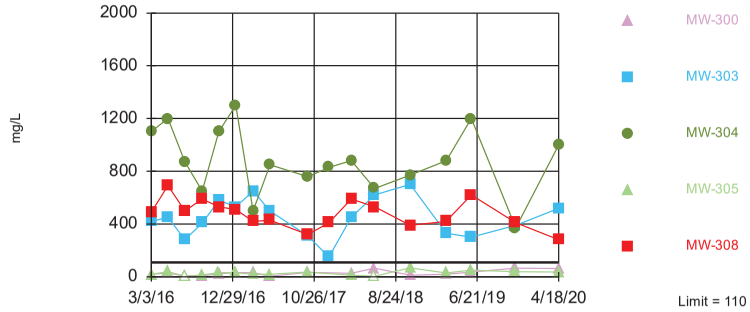
Constituent: Sulfate Analysis Run 6/25/2020 9:26 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 96 background values. 28.13% NDs. Annual per-constituent alpha = 0.002109. Individual comparison alpha = 0.0002111 (1 of 2). Comparing 5 points to limit.

Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:26 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-307 (bg)	MW-306 (bg)	MW-304	MW-305	MW-303
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/3/2016							1.6	<0.05	3.2
5/2/2016	<0.05	<0.05		<0.05	<0.05				
5/3/2016						<0.05			
5/4/2016			<0.05				2.3	<0.05	4
7/5/2016	<0.05	<0.05		<0.05	<0.05	<0.05			
7/6/2016							1.9		2.6
7/7/2016								0.034 (J)	
7/8/2016			<0.05						
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/7/2016							0.95	<0.05	
9/8/2016									3.6
11/7/2016	<0.05	<0.05		<0.05	<0.05	<0.05		0.045 (J)	
11/8/2016							1.8		5
11/10/2016			<0.05						
1/9/2017	<0.05	<0.05		<0.05	<0.05	<0.05			
1/10/2017							1.9	<0.05	4.2
1/11/2017			<0.05						
3/13/2017	<0.05	0.022 (J)		<0.05	<0.05	<0.05			
3/14/2017			<0.05						
3/15/2017							0.38	<0.05	
3/16/2017									3.5
5/15/2017	<0.05	<0.05		<0.05	<0.05	<0.05			3.2
5/16/2017							2	0.043 (J)	
5/18/2017			<0.05						
10/2/2017	<0.05	0.023 (J)		<0.05	<0.05	<0.05			
10/3/2017							0.67	0.026 (J)	2.9
10/5/2017			<0.05						
12/20/2017							3		2
3/12/2018	<0.05	<0.05		<0.05	<0.05	<0.05			
3/13/2018							2.9	0.07	3.4
3/14/2018			<0.05						
6/5/2018	<0.05	<0.05		<0.05					
6/6/2018					<0.05	<0.05			
6/7/2018							2.9	0.1	5.6
6/10/2018			<0.05						
10/16/2018	<0.05	<0.05		<0.05					
10/17/2018					<0.05	<0.05	1.6	0.074	7.3
10/18/2018			0.081						
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							2.5	0.027 (J)	3.1
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	3.1	<0.05	2.7
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)	0.0099 (J)	0.011 (V)			
11/11/2019							10	0.036 (V)	9.7
4/16/2020	0.02	0.017	0.013	0.013	0.0055 (J)	0.0075 (J)			
4/18/2020							2.8	0.016	5.7

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
2/29/2016		
3/1/2016		
3/3/2016	0.11 (J)	2.6
5/2/2016		
5/3/2016		
5/4/2016	<0.05	5.9
7/5/2016		
7/6/2016		4.9
7/7/2016	<0.05	
7/8/2016		
9/6/2016		
9/7/2016	0.028 (J)	6.4
9/8/2016		
11/7/2016		
11/8/2016	0.025 (J)	6
11/10/2016		
1/9/2017		
1/10/2017	<0.05	5.4
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	<0.05	
3/16/2017		4.5
5/15/2017		
5/16/2017	<0.05	3.9
5/18/2017		
10/2/2017		
10/3/2017	0.03 (J)	0.93
10/5/2017		
12/20/2017		3
3/12/2018		
3/13/2018	<0.05	3.6
3/14/2018		
6/5/2018		
6/6/2018	0.024 (J)	
6/7/2018		3.4
6/10/2018		
10/16/2018		
10/17/2018		2.8
10/18/2018	0.022 (J)	
2/27/2019		2.8
2/28/2019	<0.05	
5/31/2019	<0.05	4.4
11/6/2019		
11/11/2019	0.035 (V)	16
4/16/2020		
4/18/2020	0.027	3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-307 (bg)	MW-306 (bg)	MW-304	MW-305	MW-303
2/29/2016	1	1.4	1 (J)	0.67					
3/1/2016					1.5	0.6			
3/3/2016							160	2.5	57
5/2/2016	0.78	1.1		0.58	0.83				
5/3/2016						0.55			
5/4/2016			0.62				140	1.1	60
7/5/2016	0.65	0.94		0.43	1.6	0.53			
7/6/2016							120		54
7/7/2016								0.71	
7/8/2016			0.4						
9/6/2016	0.7	1	0.45	0.48	1.6	0.5			
9/7/2016							94	0.78	
9/8/2016									68
11/7/2016	0.8	1.2		0.56	1.5	0.68		0.82	
11/8/2016							160		84
11/10/2016			0.44						
1/9/2017	0.74	1.2		0.43	0.98	0.56			
1/10/2017							150	0.58	64
1/11/2017			0.42						
3/13/2017	0.78	1.3		0.48	0.75	0.62			
3/14/2017			0.42						
3/15/2017							78	0.69	
3/16/2017									78
5/15/2017	0.76	1		0.37	0.83	0.58			63
5/16/2017							120	0.66	
5/18/2017			0.38						
10/2/2017	0.78	1.2		0.47	0.83	0.62			
10/3/2017							160	0.68	43
10/5/2017			0.39						
12/20/2017							120		44
3/12/2018	0.88	1.4		0.49	0.71	0.59			
3/13/2018							110	0.65	68
3/14/2018			0.49						
6/5/2018	0.9	1.2		0.49					
6/6/2018					0.68	0.59			
6/7/2018							97	0.6	89
6/10/2018			0.39						
10/16/2018	0.86	1.4		0.42					
10/17/2018					0.66	0.54	130	0.73	93
10/18/2018			0.41						
2/27/2019	0.96	1.3	0.44	0.56	0.7	0.63			
2/28/2019							120	0.84	48
5/31/2019	0.76	1.1	0.28	0.33	0.52	0.45	110	2.6	47
11/6/2019	0.88	1.2	0.46	0.49	0.74	0.55			
11/11/2019							82	1.6 (V)	73
4/16/2020	0.84	1.3	0.38	0.36	0.59	0.53			
4/18/2020							150	0.9	93

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
2/29/2016		
3/1/2016		
3/3/2016	1 (J)	84
5/2/2016		
5/3/2016		
5/4/2016	1	90
7/5/2016		
7/6/2016		72
7/7/2016	0.62	
7/8/2016		
9/6/2016		
9/7/2016	0.6	75
9/8/2016		
11/7/2016		
11/8/2016	0.53	79
11/10/2016		
1/9/2017		
1/10/2017	0.51	61
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	0.53	
3/16/2017		62
5/15/2017		
5/16/2017	0.48	64
5/18/2017		
10/2/2017		
10/3/2017	0.46	59
10/5/2017		
12/20/2017		65
3/12/2018		
3/13/2018	0.46	77
3/14/2018		
6/5/2018		
6/6/2018	0.45	
6/7/2018		78
6/10/2018		
10/16/2018		
10/17/2018		60
10/18/2018	0.48	
2/27/2019		65
2/28/2019	0.44	
5/31/2019	0.55	84
11/6/2019		
11/11/2019	0.56 (V)	63
4/16/2020		
4/18/2020	0.48	48

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-307 (bg)	MW-306 (bg)	MW-304	MW-305	MW-303
2/29/2016	5.3	7.4	5.4	8.1					
3/1/2016					4	5.6			
3/3/2016							110	7.9	36
5/2/2016	4.4	6.3		6	3.6				
5/3/2016						5.1			
5/4/2016			4.5				120	7	47
7/5/2016	4.2	4.8		5.2	3.6	4.7			
7/6/2016							130		28
7/7/2016								7.1	
7/8/2016			4.9						
9/6/2016	4.3	6	4.3	5.5	4	4.4			
9/7/2016							43	6.9	
9/8/2016									47
11/7/2016	4.2	5.7		5.4	4.4	4.6		8	
11/8/2016							98		150
11/10/2016			4.5						
1/9/2017	5.3	6.8		6.1	4.4	5.3			
1/10/2017							150	<7.4	110
1/11/2017			5.3						
3/13/2017	5.2	6.8		5.5	4.1	5.6			
3/14/2017			5.5						
3/15/2017							65	8.1	
3/16/2017									200
5/15/2017	4.8	6.1		4.7	3.7	5.2			120
5/16/2017							120	7.8	
5/18/2017			5						
10/2/2017	5.5	6		6.1	4.8	5.5			
10/3/2017							21	7.1	38
10/5/2017			5.6						
12/20/2017							79	7.6	22
3/12/2018	5.3	5.9		6.1	4	5.6			
3/13/2018							84	6.9	82
3/14/2018			5.2						
6/5/2018	5.3	6.5		5.5					
6/6/2018					4.1	5.6			
6/7/2018							86	7.3	170
6/10/2018			5.2						
10/16/2018	5.5	5.9		5.1					
10/17/2018					3.7	5.5	45	6.8	110
10/18/2018			5.2						
2/27/2019	4.6	4.3	5.1	5	4	5.1			
2/28/2019							110	7.1	49
5/31/2019	5.1	4.5	5	5.4	3.7	5.4	130	9.8	50
11/6/2019	5.8	5.7	6	6.1	4.7	5.9			
11/11/2019							81	12	63
4/16/2020	6.1	5.6	5.8	5.3	4.9	6.2			
4/18/2020							140	8.2	96

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
2/29/2016		
3/1/2016		
3/3/2016	8.2	43
5/2/2016		
5/3/2016		
5/4/2016	8.2	63
7/5/2016		
7/6/2016		51
7/7/2016	8.3	
7/8/2016		
9/6/2016		
9/7/2016	8.1	57
9/8/2016		
11/7/2016		
11/8/2016	8.5	47
11/10/2016		
1/9/2017		
1/10/2017	9.1	45
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	48	
3/16/2017		40
5/15/2017		
5/16/2017	8.9	39
5/18/2017		
10/2/2017		
10/3/2017	8.9	20
10/5/2017		
12/20/2017	8.8	63
3/12/2018		
3/13/2018	8.3	130
3/14/2018		
6/5/2018		
6/6/2018	8	
6/7/2018		120
6/10/2018		
10/16/2018		
10/17/2018		70
10/18/2018	8.1	
2/27/2019		94
2/28/2019	9.1	
5/31/2019	8.2	110
11/6/2019		
11/11/2019	8.4	62
4/16/2020		
4/18/2020	8.7	33

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-303	MW-305	MW-300
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/3/2016							0.15	0.035 (J)	0.041 (J)
5/2/2016	<0.1	<0.1	<0.1			<0.1			
5/3/2016					<0.1				
5/4/2016				<0.1			0.11	<0.1	<0.1
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
7/6/2016							0.13		
7/7/2016								<0.1	<0.1
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/7/2016								<0.1	<0.1
9/8/2016							0.12		
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1		<0.1	
11/8/2016							0.13		<0.1
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/10/2017							0.15	<0.1	<0.1
1/11/2017				<0.1					
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/15/2017								<0.1	<0.1
3/16/2017							0.16		
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1	0.2		
5/16/2017								<0.1	<0.1
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017							0.25	<0.1	<0.1
10/5/2017				<0.1					
12/20/2017							0.25		
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							0.26	<0.1	<0.1
3/14/2018				0.12					
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			<0.1
6/7/2018							0.28	<0.1	
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1	0.29	<0.1	
10/18/2018				<0.1					<0.1
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.28	<0.1	<0.1
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.33	<0.1	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/11/2019							0.26	<0.1	<0.1
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							0.25	<0.1	<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-304
2/29/2016		
3/1/2016		
3/3/2016	0.11	0.12
5/2/2016		
5/3/2016		
5/4/2016	0.07 (J)	0.19
7/5/2016		
7/6/2016	0.07 (J)	0.15
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	0.06 (J)	0.06 (J)
9/8/2016		
11/7/2016		
11/8/2016	0.06 (J)	0.09 (J)
11/10/2016		
1/9/2017		
1/10/2017	0.04 (J)	<0.1
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.1
3/16/2017	0.06 (J)	
5/15/2017		
5/16/2017	0.09 (J)	0.04 (J)
5/18/2017		
10/2/2017		
10/3/2017	0.13	0.07 (J)
10/5/2017		
12/20/2017	0.1	
3/12/2018		
3/13/2018	0.1	<0.1
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	0.14	<0.1
6/10/2018		
10/16/2018		
10/17/2018	0.14	0.06 (J)
10/18/2018		
2/27/2019	0.16	
2/28/2019		<0.1
5/31/2019	0.2	<0.1
11/6/2019		
11/11/2019	0.16	<0.1
4/16/2020		
4/18/2020	0.17	<0.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-304	MW-305	MW-303
2/29/2016	<5	<5	1.6 (J)	<5					
3/1/2016					<5	<5			
3/3/2016							550	<5	180
5/2/2016	15 (o)	<5	2.1 (J)			<5			
5/3/2016					<5				
5/4/2016				<5			520	<5	200
7/5/2016	<5	<5	2 (J)		<5	<5			
7/6/2016							510		150
7/7/2016								<5	
7/8/2016				<5					
9/6/2016	<5	<5	1.8 (J)	<5	<5	3.7 (J)			
9/7/2016							340	<5	
9/8/2016									160
11/7/2016	<5	<5	1.7 (J)		<5	<5		<5	
11/8/2016							630		230
11/10/2016				<5					
1/9/2017	<5	2.6 (J)	1.5 (J)		<5	<5			
1/10/2017							580	<5	190
1/11/2017				<5					
3/13/2017	2.5 (J)	<5	2.2 (J)		<5	<5			
3/14/2017				<5					
3/15/2017							250	<5	
3/16/2017									190
5/15/2017	<5	<5	1.9 (J)		<5	<5			190
5/16/2017							410	<5	
5/18/2017				<5 (X)					
10/2/2017	<5	<5	3.4 (J)		1.5 (J)	1.7 (J)			
10/3/2017							440	<5	130
10/5/2017				<5					
12/20/2017							400		85
3/12/2018	<5	<5	2.6 (J)		<5	<5			
3/13/2018							460	1.5 (J)	160
3/14/2018				<5					
6/5/2018	<5	<5	2.6 (J)						
6/6/2018					<5	<5			
6/7/2018							420	<5	280
6/10/2018				1.5 (J)					
10/16/2018	<5	<5	2.8 (J)						
10/17/2018					<5	<5	320	<5	250
10/18/2018				<5					
2/27/2019	<5	<5	2.4 (J)	1.9 (J)	<5	<5			
2/28/2019							490	2.6 (J)	140
5/31/2019	<5	<5	3.3 (J)	<5	<5	<5	500	12	140
11/6/2019	<5	<5	3.7 (J)	<5	<5	<5			
11/11/2019							340	5.5	230
4/16/2020	<5	<5	1.7 (J)	<5	<5	<5			
4/18/2020							600	<5	260

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
2/29/2016		
3/1/2016		
3/3/2016	<5	230
5/2/2016		
5/3/2016		
5/4/2016	<5	280
7/5/2016		
7/6/2016		270
7/7/2016	<5	
7/8/2016		
9/6/2016		
9/7/2016	<5	280
9/8/2016		
11/7/2016		
11/8/2016	<5	280
11/10/2016		
1/9/2017		
1/10/2017	<5	240
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	<5	
3/16/2017		220
5/15/2017		
5/16/2017	<5	200
5/18/2017		
10/2/2017		
10/3/2017	<5	180
10/5/2017		
12/20/2017		170
3/12/2018		
3/13/2018	<5	210
3/14/2018		
6/5/2018		
6/6/2018	<5	
6/7/2018		210
6/10/2018		
10/16/2018		
10/17/2018		140
10/18/2018	<5	
2/27/2019		150
2/28/2019	<5	
5/31/2019	<5	210
11/6/2019		
11/11/2019	<5	170
4/16/2020		
4/18/2020	<5	120

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-307 (bg)	MW-306 (bg)	MW-304	MW-305	MW-303
2/29/2016	20	12	20	<5					
3/1/2016					<5	10			
3/3/2016							1100	18	420
5/2/2016	<5	6		<5	36				
5/3/2016						<5			
5/4/2016			6				1200	38	450
7/5/2016	12	<5		14	<5	<5			
7/6/2016							870		280
7/7/2016								<5	
7/8/2016			6						
9/6/2016	36	38	36	30	44	36			
9/7/2016							650	14	
9/8/2016									410
11/7/2016	18	<5		8	30	<5		32	
11/8/2016							1100		580
11/10/2016			16						
1/9/2017	4 (J)	14		<5	12	<5			
1/10/2017							1300	32	530
1/11/2017			38						
3/13/2017	6	8		<5	20	22			
3/14/2017			<5						
3/15/2017							500	20	
3/16/2017									650
5/15/2017	<5	<5		<5	4 (J)	6			500
5/16/2017							850	18	
5/18/2017			10						
10/2/2017	<5	6		<5	24	16			
10/3/2017							760	36	310
10/5/2017			<5						
12/20/2017							830		150
3/12/2018	18	<5		14	<5	<5			
3/13/2018							880	12	450
3/14/2018			8						
6/5/2018	10	14		<5					
6/6/2018					16	20			
6/7/2018							670	<5	620
6/10/2018			8						
10/16/2018	32	6		12					
10/17/2018					44	44	770	68	700
10/18/2018			28						
2/27/2019	110	110	68	54	28	20			
2/28/2019							880	28	330
5/31/2019	46	26	<5	8	18	32	1200	50	300
11/6/2019	<5	<5	10	4 (J)	20	24			
11/11/2019							370	38	390
4/16/2020	28	8	44	18	8	6			
4/18/2020							1000	36	520

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/25/2020 9:27 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
2/29/2016		
3/1/2016		
3/3/2016	18	490
5/2/2016		
5/3/2016		
5/4/2016	28	690
7/5/2016		
7/6/2016		500
7/7/2016	<5	
7/8/2016		
9/6/2016		
9/7/2016	8	590
9/8/2016		
11/7/2016		
11/8/2016	24	530
11/10/2016		
1/9/2017		
1/10/2017	30	510
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	32	
3/16/2017		420
5/15/2017		
5/16/2017	<5	430
5/18/2017		
10/2/2017		
10/3/2017	34	320
10/5/2017		
12/20/2017		410
3/12/2018		
3/13/2018	26	590
3/14/2018		
6/5/2018		
6/6/2018	64	
6/7/2018		530
6/10/2018		
10/16/2018		
10/17/2018		390
10/18/2018	12	
2/27/2019		420
2/28/2019	20	
5/31/2019	36	620
11/6/2019		
11/11/2019	66	410
4/16/2020		
4/18/2020	62	280

Appendix III Intrawell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-308**	**6.805**	**5.551**	**4/18/2020**	**6.97**	**Yes**	**14**	**6.178**	**0.2805**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 300 Series Wells - All Results

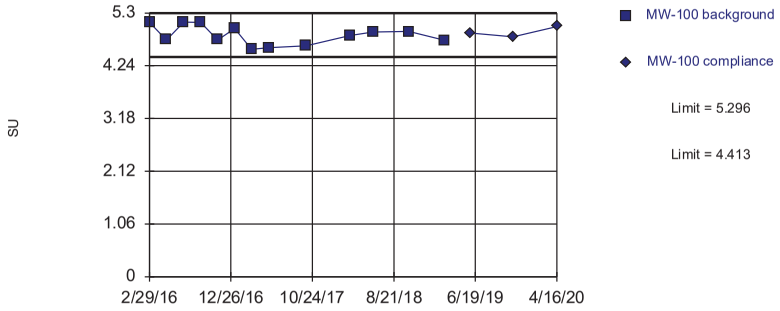
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	4/16/2020	5.03	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	4/16/2020	5.17	No	13	4.955	0.258	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-107	5.461	4.357	4/16/2020	5.15	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	4/16/2020	4.96	No	12	4.773	0.1917	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-300	5.229	4.305	4/18/2020	4.69	No	14	4.767	0.2067	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-303	7.152	5.968	4/18/2020	6.61	No	14	6.56	0.2649	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-304	6.401	4.549	4/18/2020	5.2	No	14	5.475	0.4141	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-305	5.367	4.441	4/18/2020	4.91	No	14	4.904	0.2071	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-306	5.478	4.584	4/16/2020	5.13	No	13	5.031	0.1961	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-307	6.609	4.991	4/16/2020	5.58	No	13	5.8	0.3549	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	**MW-308**	**6.805**	**5.551**	**4/18/2020**	**6.97**	**Yes**	**14**	**6.178**	**0.2805**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

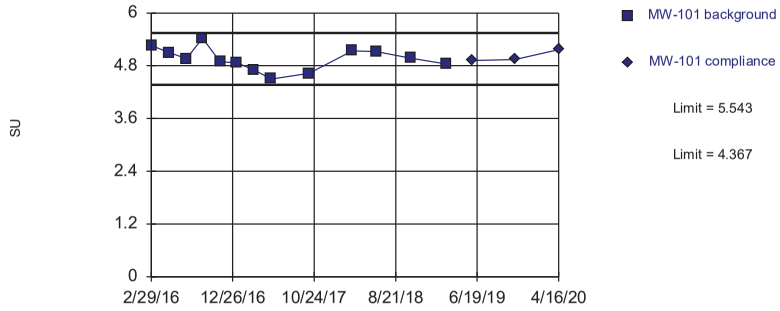
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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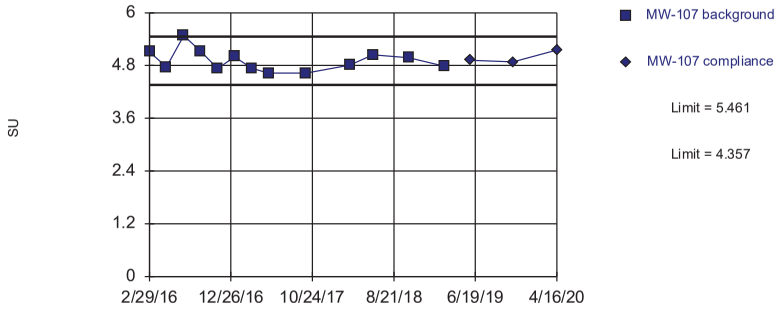
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

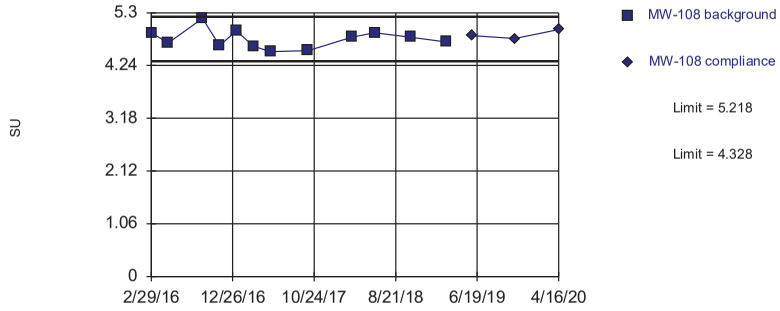
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.322 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

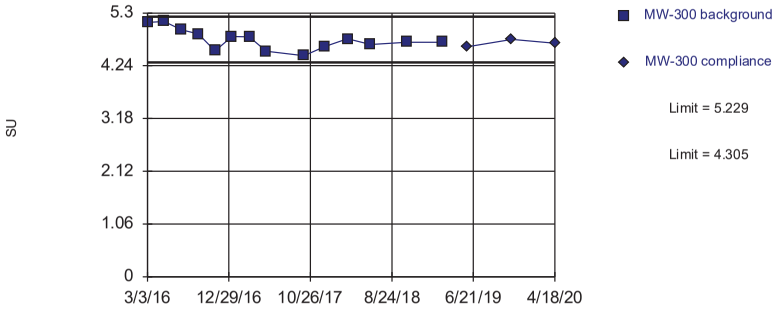
Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.767, Std. Dev.=0.2067, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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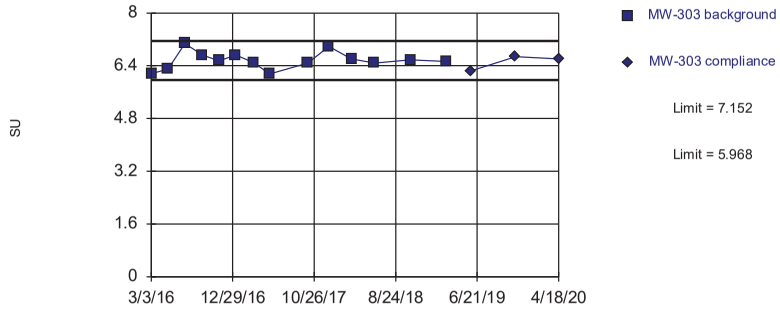
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.56, Std. Dev.=0.2649, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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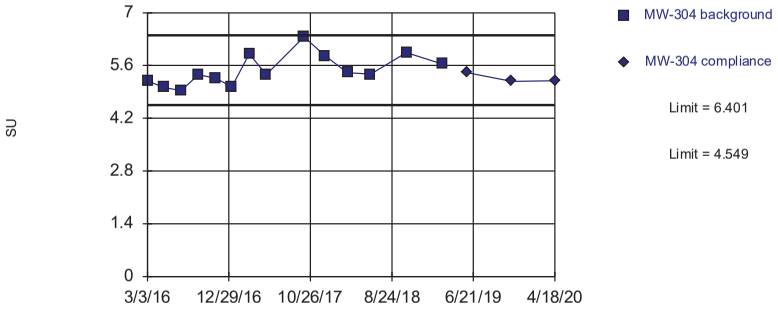
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.475, Std. Dev.=0.4141, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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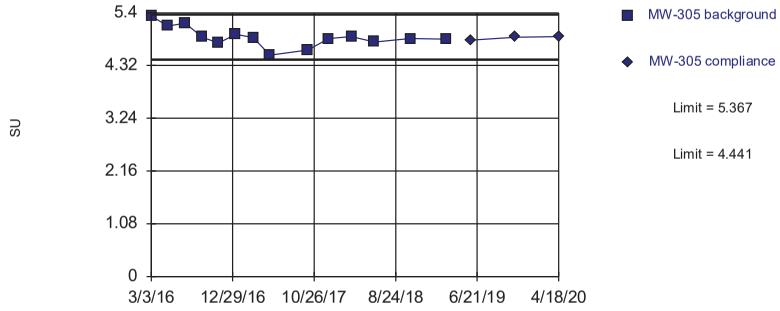
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.904, Std. Dev.=0.2071, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

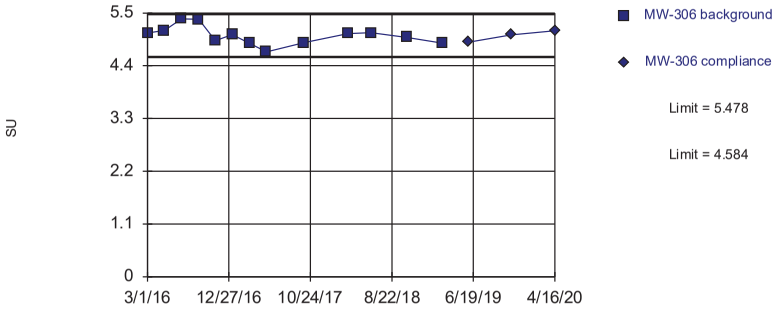
Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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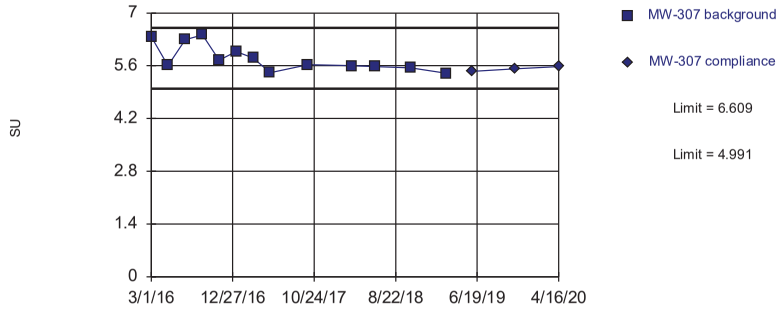
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

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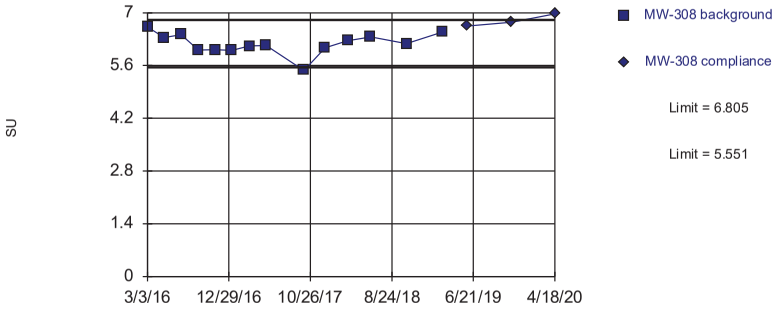
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.178, Std. Dev.=0.2805, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 6/25/2020 9:24 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100	MW-100
2/29/2016	5.11	
5/2/2016	4.76	
7/5/2016	5.12	
9/6/2016	5.11	
11/7/2016	4.76	
1/9/2017	4.99	
3/13/2017	4.57	
5/15/2017	4.6	
10/2/2017	4.64	
3/12/2018	4.85	
6/5/2018	4.92	
10/16/2018	4.93	
2/27/2019	4.75	
5/31/2019		4.9
11/6/2019		4.82
4/16/2020		5.03

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-101	MW-101
2/29/2016	5.26	
5/4/2016	5.1	
7/8/2016	4.96	
9/6/2016	5.43	
11/10/2016	4.89	
1/11/2017	4.87	
3/14/2017	4.71	
5/18/2017	4.5	
10/5/2017	4.63	
3/14/2018	5.14	
6/10/2018	5.12	
10/18/2018	4.97	
2/27/2019	4.84	
5/31/2019		4.92
11/6/2019		4.94
4/16/2020		5.17

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107	MW-107
2/29/2016	5.11	
5/2/2016	4.77	
7/5/2016	5.48	
9/6/2016	5.12	
11/7/2016	4.73	
1/9/2017	5	
3/13/2017	4.74	
5/15/2017	4.63	
10/2/2017	4.63	
3/12/2018	4.81	
6/5/2018	5.04	
10/16/2018	4.98	
2/27/2019	4.78	
5/31/2019		4.92
11/6/2019		4.88
4/16/2020		5.15

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-108	MW-108
2/29/2016	4.9	
5/2/2016	4.69	
7/5/2016	7.11 (o)	
9/6/2016	5.19	
11/7/2016	4.64	
1/9/2017	4.94	
3/13/2017	4.63	
5/15/2017	4.52	
10/2/2017	4.54	
3/12/2018	4.81	
6/5/2018	4.9	
10/16/2018	4.81	
2/27/2019	4.71	
5/31/2019		4.84
11/6/2019		4.78
4/16/2020		4.96

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-300
3/3/2016	5.11	
5/4/2016	5.13	
7/7/2016	4.96	
9/7/2016	4.88	
11/8/2016	4.54	
1/10/2017	4.83	
3/15/2017	4.82	
5/16/2017	4.53	
10/3/2017	4.44	
12/20/2017	4.63	
3/13/2018	4.78	
6/6/2018	4.67	
10/18/2018	4.71	
2/28/2019	4.71	
5/31/2019		4.62
11/11/2019		4.77
4/18/2020		4.69

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-303	MW-303
3/3/2016	6.16	
5/4/2016	6.3	
7/6/2016	7.07	
9/8/2016	6.72	
11/8/2016	6.55	
1/10/2017	6.72	
3/16/2017	6.5	
5/15/2017	6.15	
10/3/2017	6.48	
12/20/2017	6.99 (R)	
3/13/2018	6.61	
6/7/2018	6.48	
10/17/2018	6.58	
2/28/2019	6.53	
5/31/2019		6.25
11/11/2019		6.68
4/18/2020		6.61

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-304
3/3/2016	5.185 (D)	
5/4/2016	5.02 (D)	
7/6/2016	4.93	
9/7/2016	5.36	
11/8/2016	5.26	
1/10/2017	5.04	
3/15/2017	5.91	
5/16/2017	5.36	
10/3/2017	6.36	
12/20/2017	5.86	
3/13/2018	5.41	
6/7/2018	5.37	
10/17/2018	5.94	
2/28/2019	5.64	
5/31/2019		5.41
11/11/2019		5.18
4/18/2020		5.2

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-305
3/3/2016	5.33	
5/4/2016	5.13	
7/7/2016	5.19	
9/7/2016	4.9	
11/7/2016	4.78	
1/10/2017	4.96	
3/15/2017	4.89	
5/16/2017	4.53	
10/3/2017	4.64	
12/20/2017	4.87	
3/13/2018	4.91	
6/7/2018	4.8	
10/17/2018	4.87	
2/28/2019	4.86	
5/31/2019		4.84
11/11/2019		4.9
4/18/2020		4.91

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306	MW-306
3/1/2016	5.08	
5/3/2016	5.14	
7/5/2016	5.38	
9/6/2016	5.37	
11/7/2016	4.92	
1/9/2017	5.05	
3/13/2017	4.87	
5/15/2017	4.69	
10/2/2017	4.88	
3/12/2018	5.07	
6/6/2018	5.09	
10/17/2018	4.99	
2/27/2019	4.87	
5/31/2019		4.89
11/6/2019		5.04
4/16/2020		5.13

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-307	MW-307
3/1/2016	6.37	
5/2/2016	5.605 (D)	
7/5/2016	6.29	
9/6/2016	6.42	
11/7/2016	5.75	
1/9/2017	5.98	
3/13/2017	5.81	
5/15/2017	5.42	
10/2/2017	5.63	
3/12/2018	5.6	
6/6/2018	5.58	
10/17/2018	5.54	
2/27/2019	5.4	
5/31/2019		5.45
11/6/2019		5.52
4/16/2020		5.58

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:25 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-308
3/3/2016	6.62 (D)	
5/4/2016	6.345 (D)	
7/6/2016	6.42	
9/7/2016	6.01	
11/8/2016	6.02	
1/10/2017	6	
3/16/2017	6.12	
5/16/2017	6.13	
10/3/2017	5.47	
12/20/2017	6.07 (R)	
3/13/2018	6.26	
6/7/2018	6.36	
10/17/2018	6.18	
2/27/2019	6.49	
5/31/2019		6.65
11/11/2019		6.75
4/18/2020		6.97

Trend Tests - 100, 200 & 300 Series

100 Series

Appendix III Trend Tests - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-103**	**-0.3629**	**-71**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4024**	**74**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**2.223**	**90**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.369**	**70**	**58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-12	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-34	-58	No	16	81.25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02625	-29	-63	No	17	17.65	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0.3323	21	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	0.2171	51	63	No	17	11.76	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-16	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-12	-58	No	16	75	n/a	n/a	0.01	NP
Boron (mg/L)	MW-109	0.04419	33	58	No	16	25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-110	0.3223	48	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-16	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-16	-58	No	16	87.5	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03779	33	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.03287	-44	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-103**	**-0.3629**	**-71**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-104	2.901	38	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	2.095	28	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03716	-36	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.03799	26	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-109**	**0.4024**	**74**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	2.486	31	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	-0.005864	-14	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-100 (bg)	0.2918	52	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-101 (bg)	0.1782	37	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**2.223**	**90**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	5.041	6	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	9.63	34	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.08844	-24	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2144	-50	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**1.369**	**70**	**58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	9.179	22	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2217	46	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.09845	30	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01982	-10	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.04551	-14	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01883	18	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.02111	-3	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	5	53	No	15	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.03406	-23	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	3	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.02792	-42	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	15	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	4	53	No	15	93.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-13	-58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.186	-22	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	40.13	17	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	5.06	30	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3802	50	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-109	-1.371	-38	-63	No	17	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - 100 Series Wells - All Results

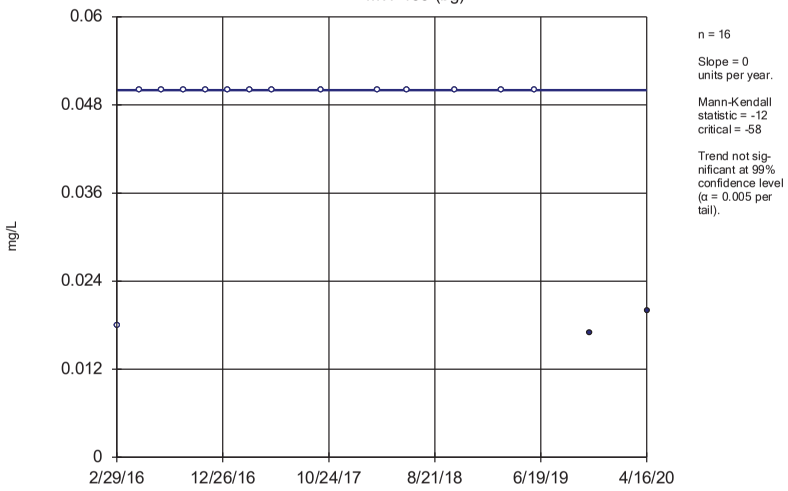
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/22/2020, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate (mg/L)	MW-110	20.2	50	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-1	-58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	7	58	No	16	87.5	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.079	21	58	No	16	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.107	12	58	No	16	18.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	17.18	5	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	23.36	13	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0	11	58	No	16	43.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0	7	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	40.2	34	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.118	36	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-58	No	16	18.75	n/a	n/a	0.01	NP

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -12
critical = -58

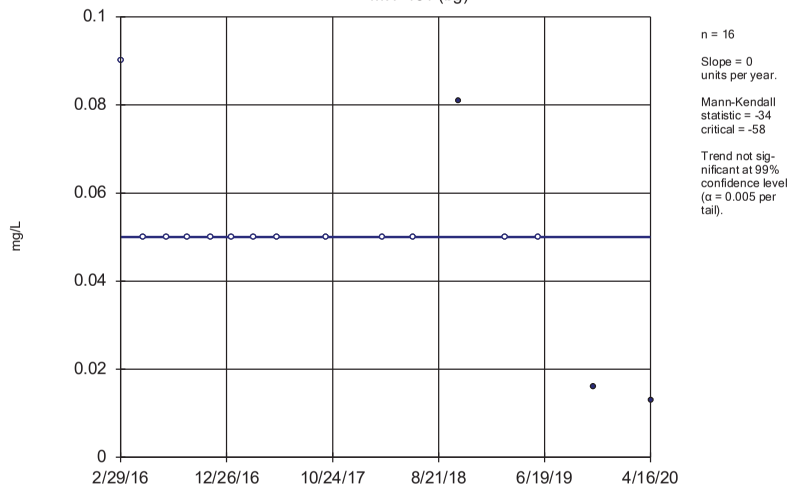
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -34
critical = -58

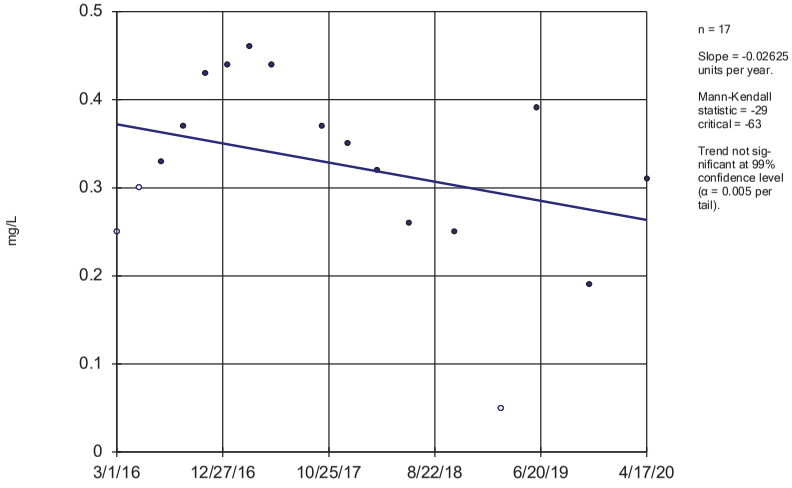
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-103



n = 17

Slope = -0.02625 units per year.

Mann-Kendall statistic = -29
critical = -63

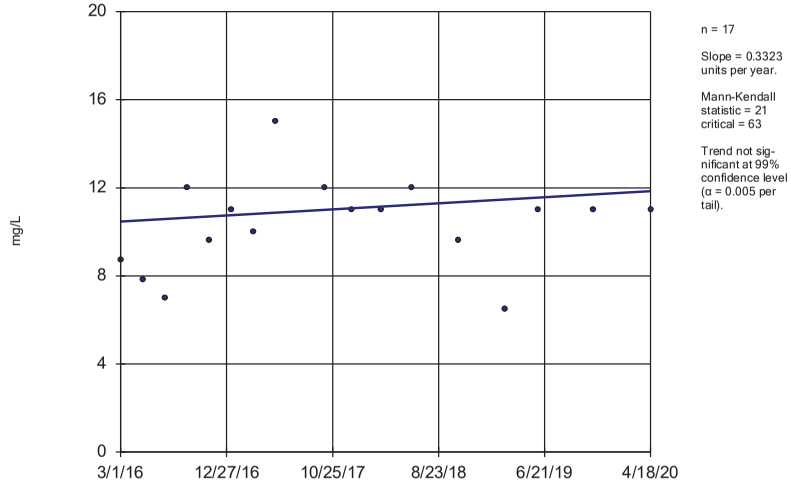
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 17

Slope = 0.3323 units per year.

Mann-Kendall statistic = 21
critical = 63

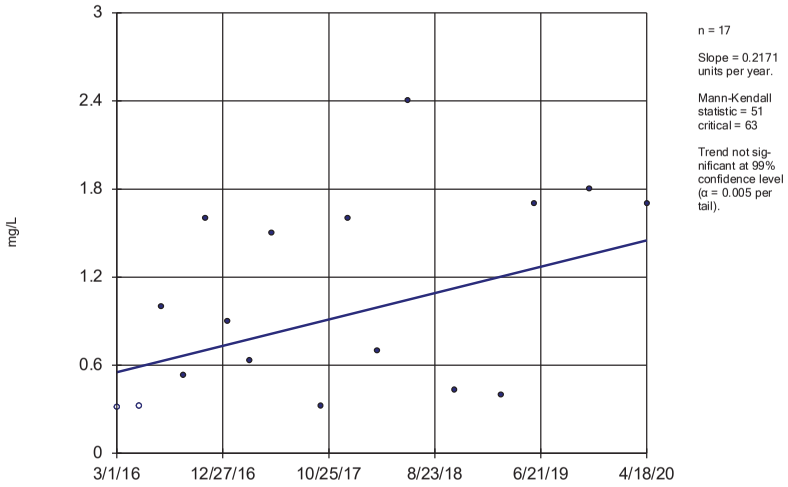
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-105



n = 17

Slope = 0.2171 units per year.

Mann-Kendall statistic = 51
critical = 63

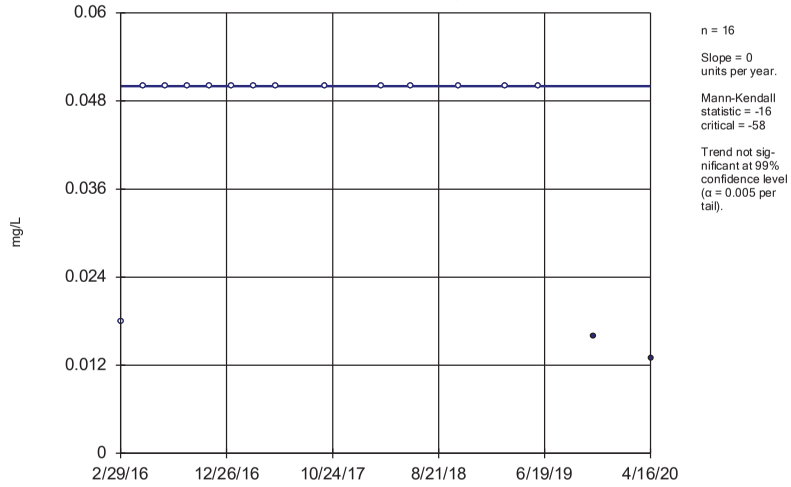
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -16
critical = -58

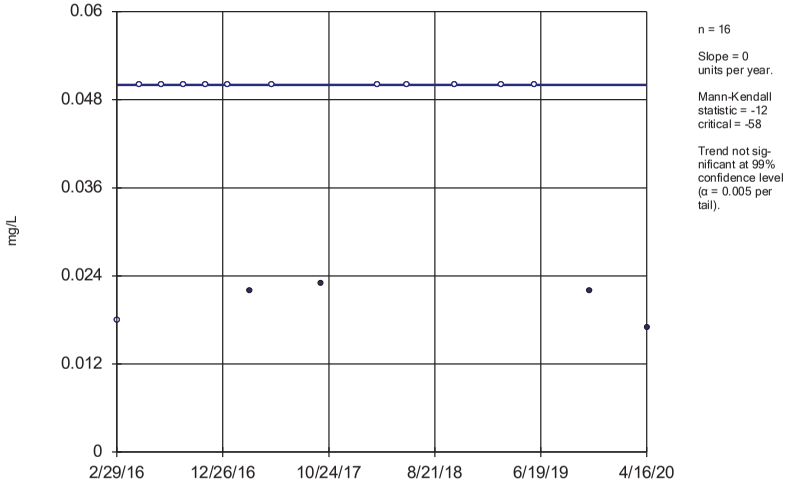
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -12
critical = -58

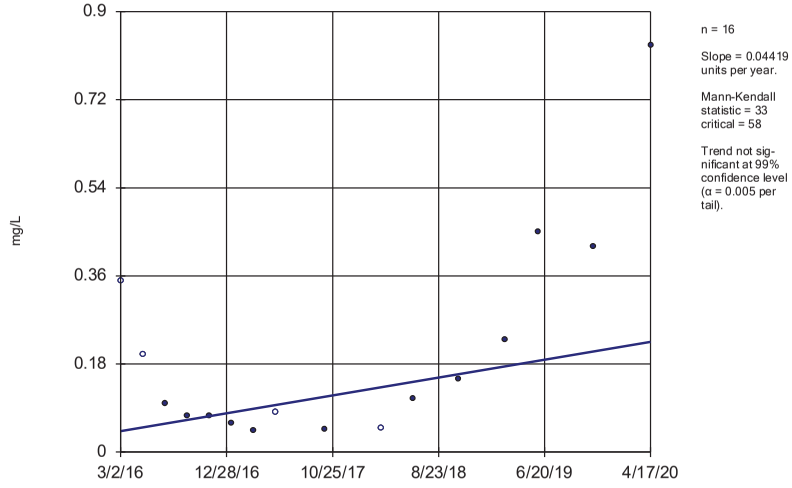
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-109



n = 16

Slope = 0.04419 units per year.

Mann-Kendall statistic = 33
critical = 58

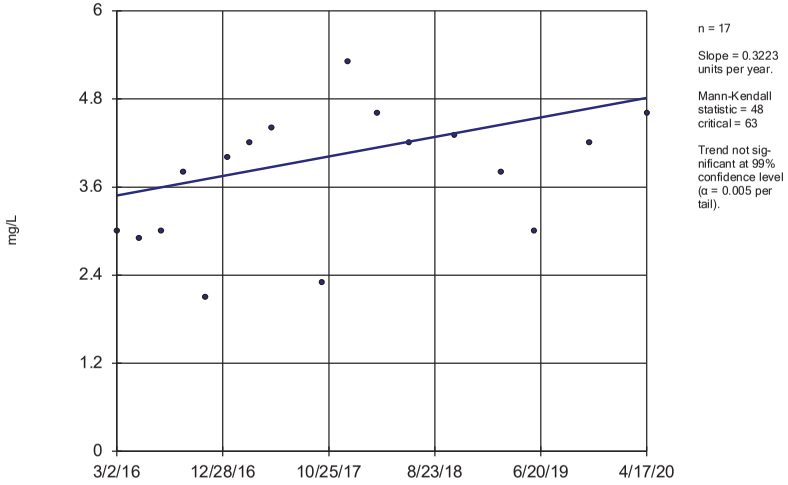
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

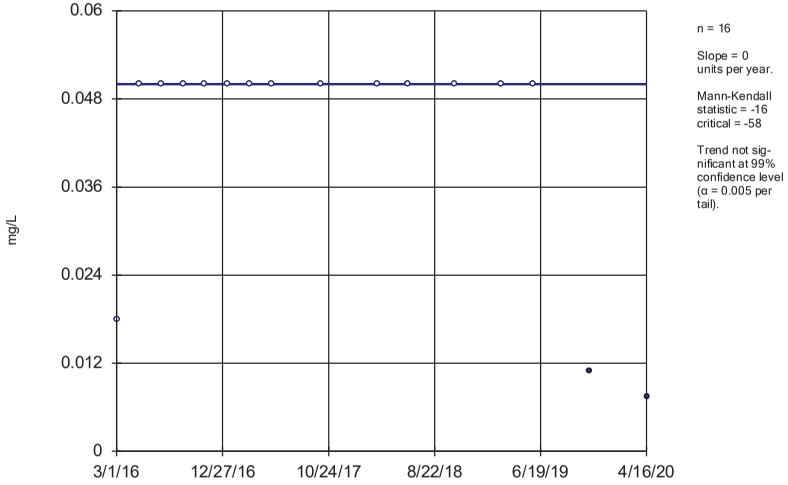
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

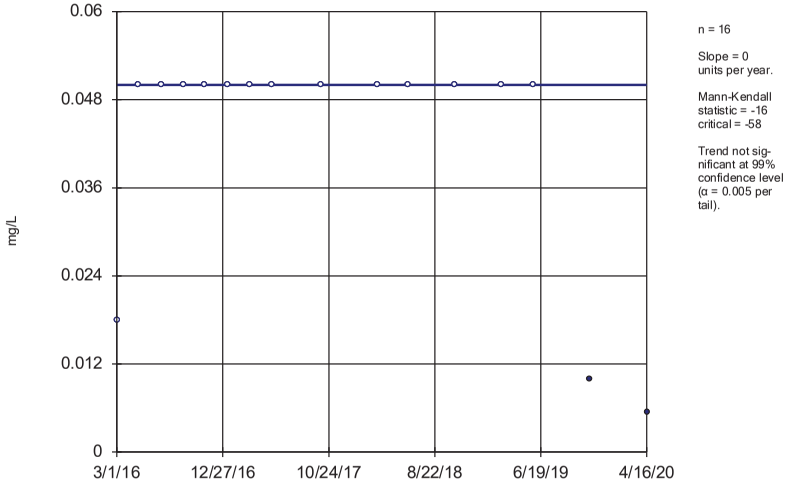
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



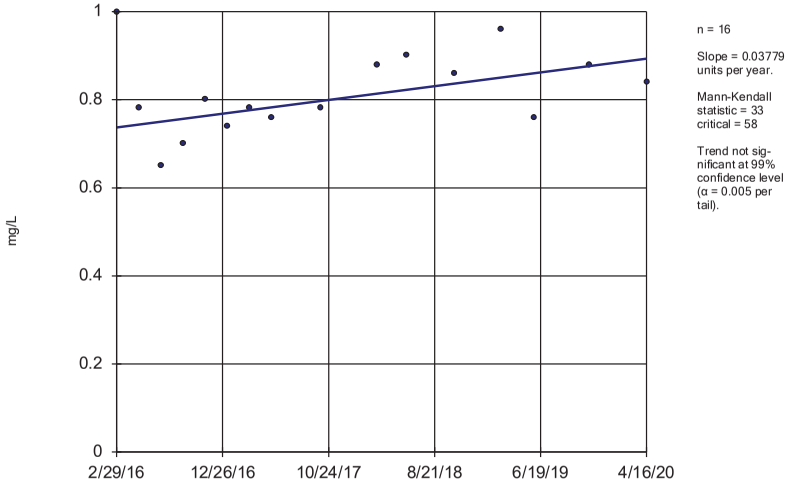
Constituent: Boron Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)

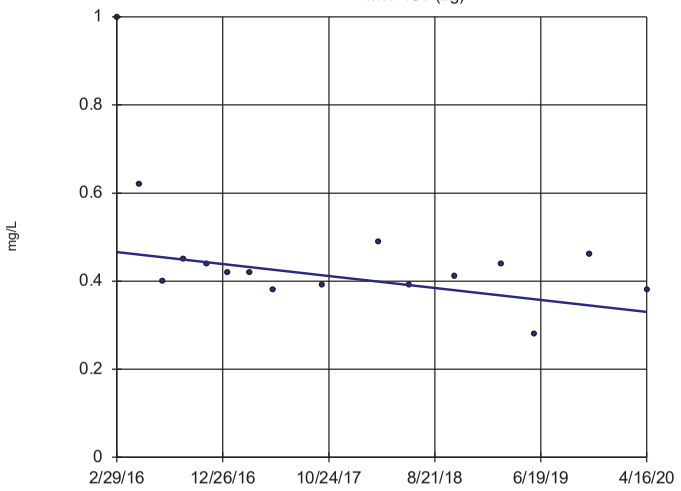


Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = -0.03287 units per year.

Mann-Kendall statistic = -44
critical = -58

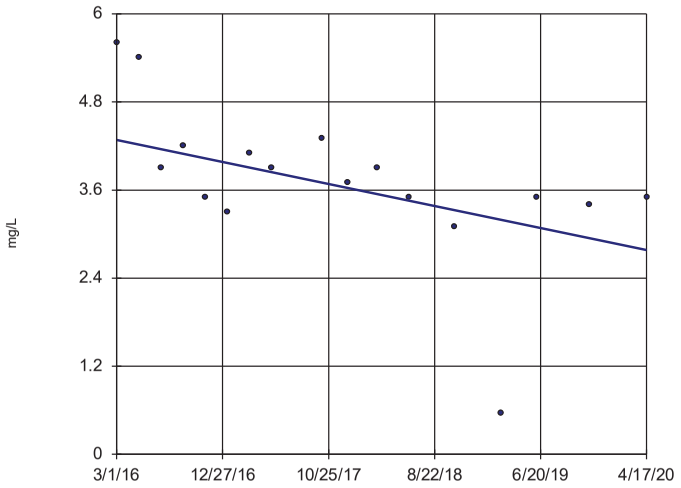
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 17

Slope = -0.3629 units per year.

Mann-Kendall statistic = -71
critical = -63

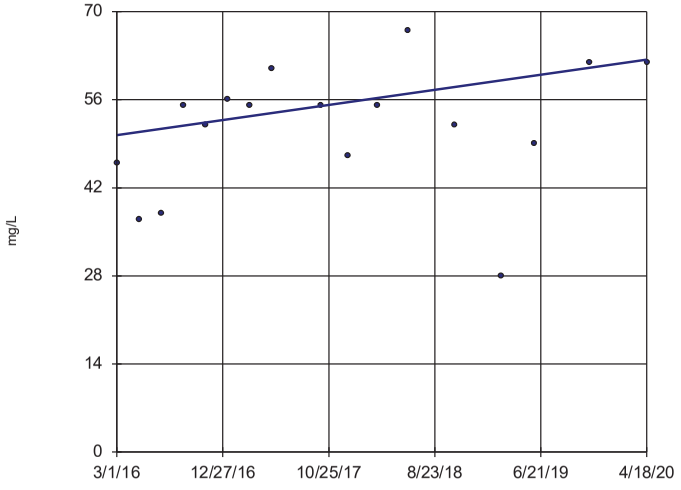
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 17

Slope = 2.901 units per year.

Mann-Kendall statistic = 38
critical = 63

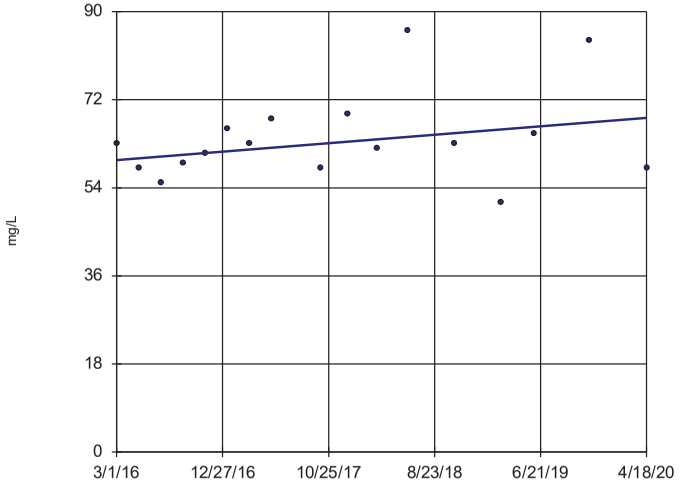
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 17

Slope = 2.095 units per year.

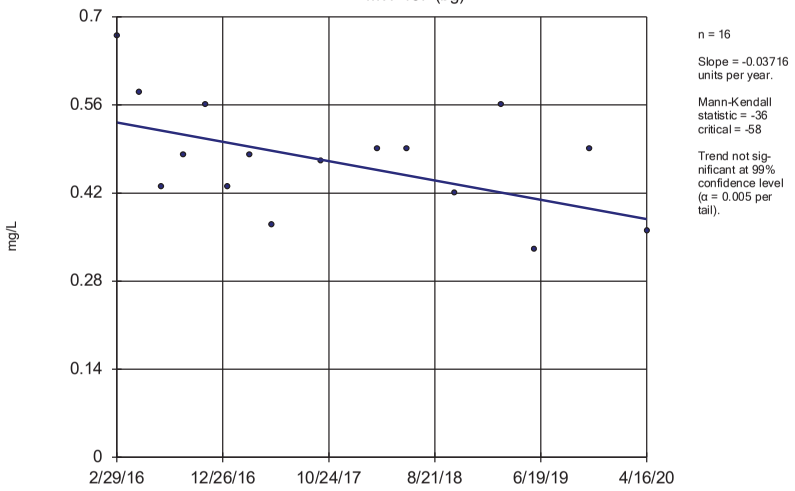
Mann-Kendall statistic = 28
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = -0.03716 units per year.

Mann-Kendall statistic = -36
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

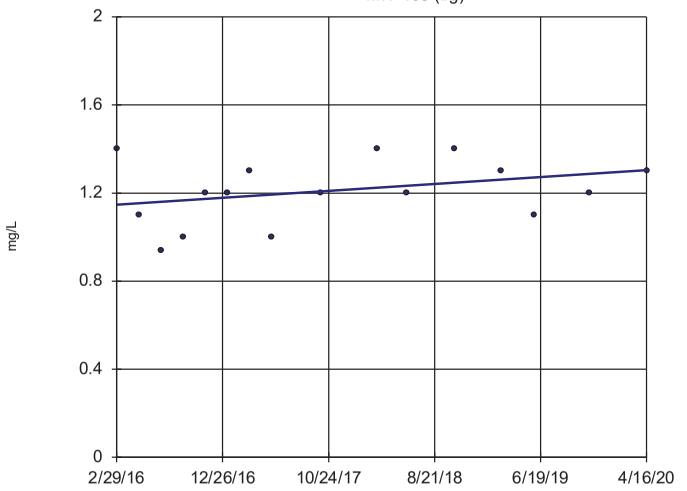
Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0.03799 units per year.

Mann-Kendall statistic = 26
critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

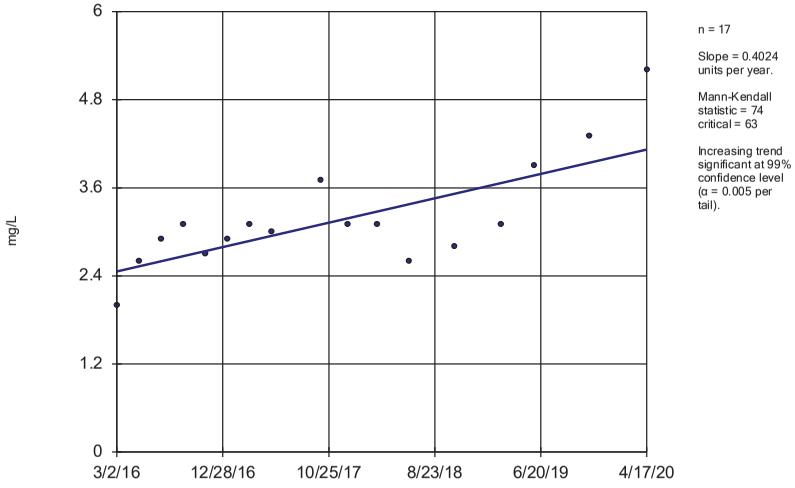
Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109



n = 17

Slope = 0.4024 units per year.

Mann-Kendall statistic = 74
critical = 63

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

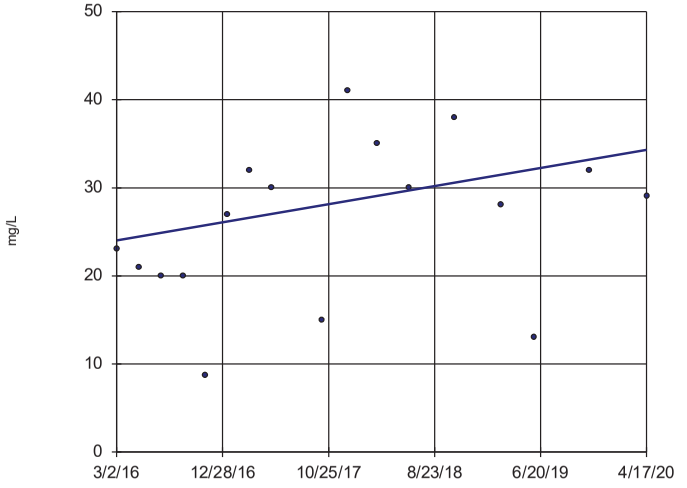
Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 17

Slope = 2.486 units per year.

Mann-Kendall statistic = 31
critical = 63

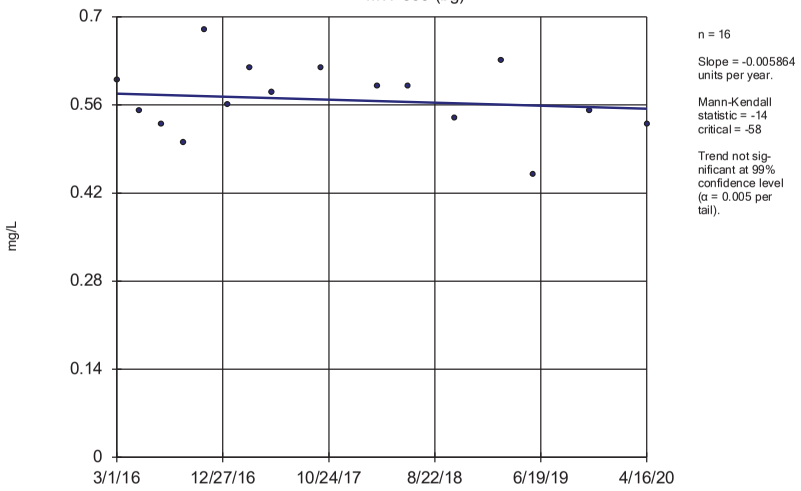
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = -0.005864 units per year.

Mann-Kendall statistic = -14
critical = -58

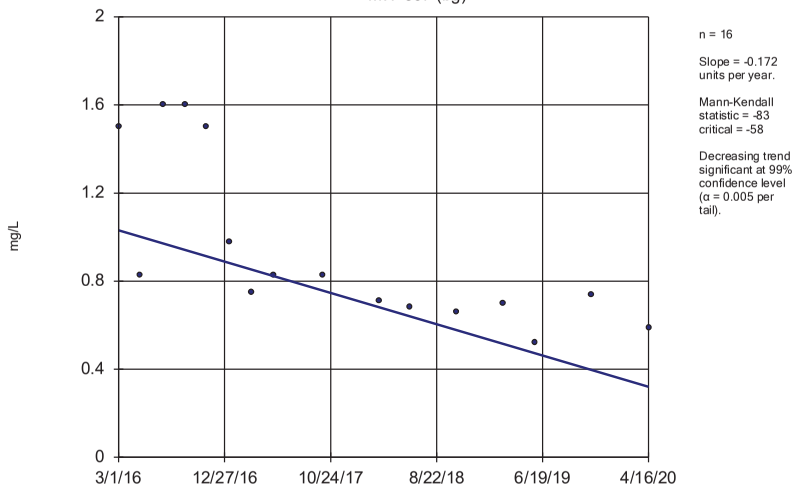
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = -0.172 units per year.

Mann-Kendall statistic = -83
critical = -58

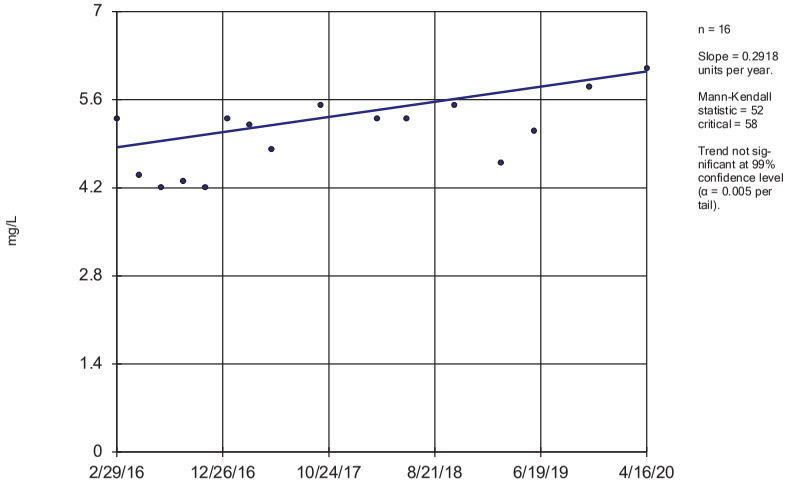
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0.2918 units per year.

Mann-Kendall statistic = 52
critical = 58

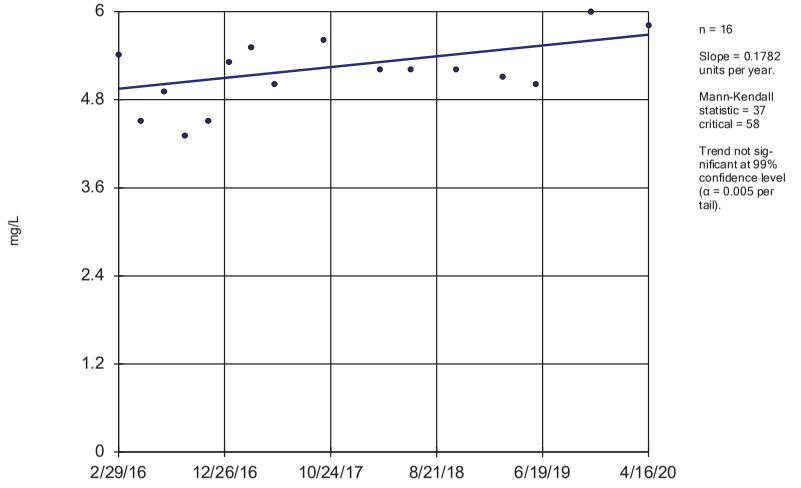
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = 0.1782 units per year.

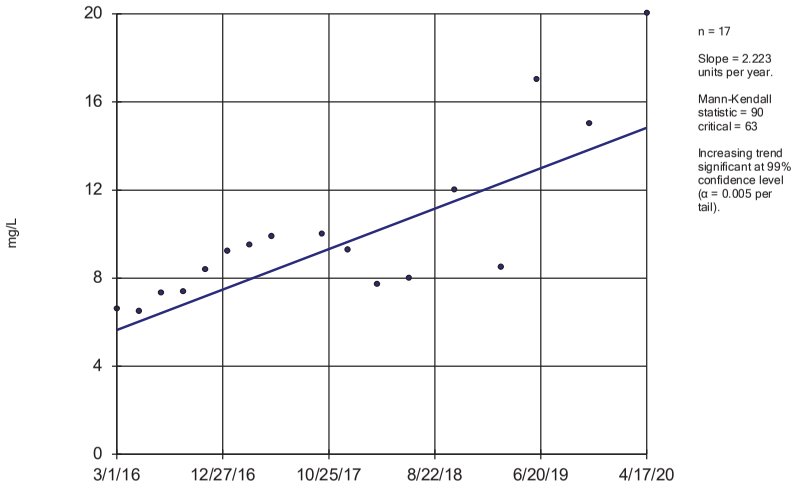
Mann-Kendall statistic = 37
critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-103



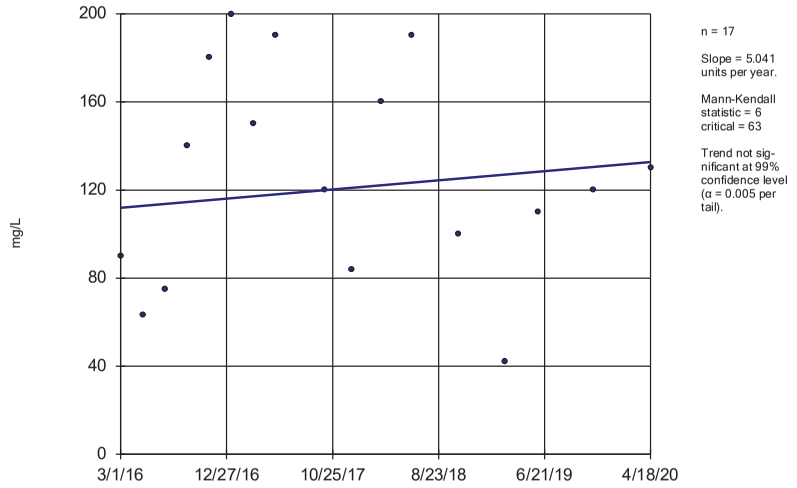
Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



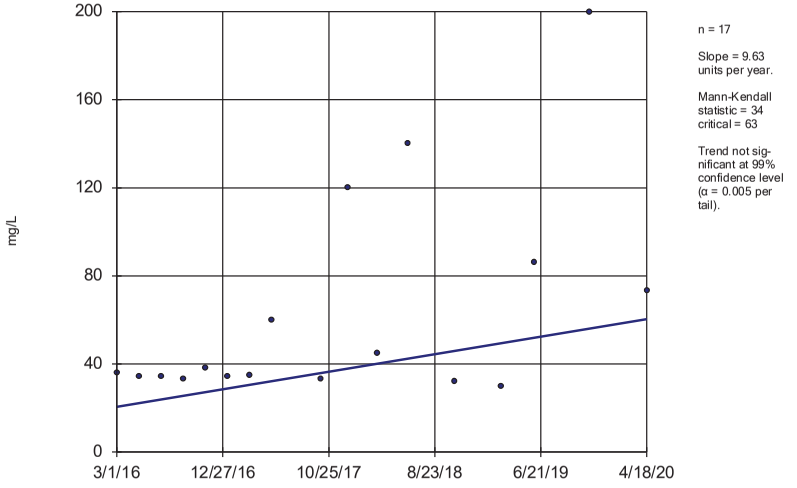
Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



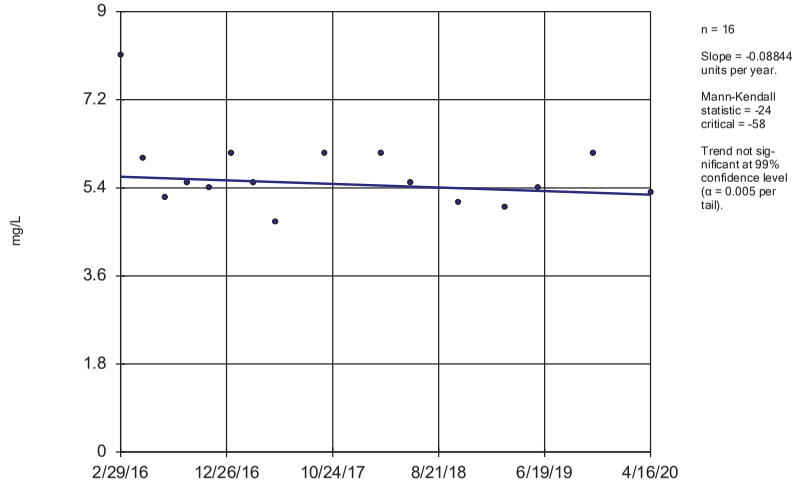
Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)

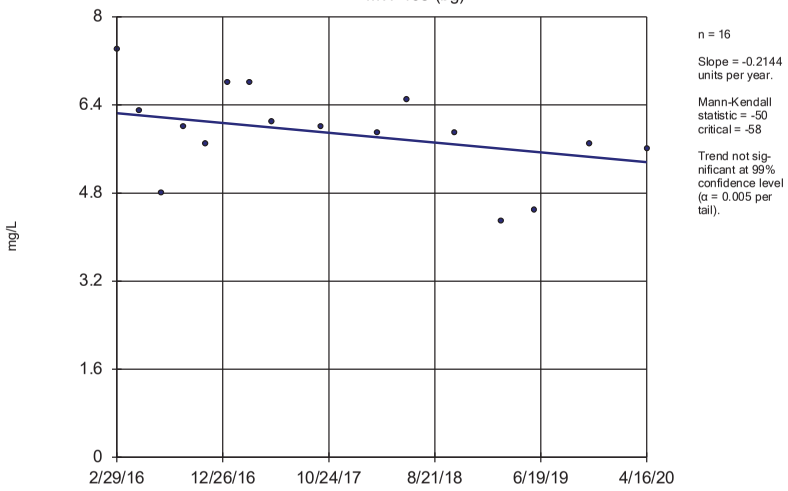


Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = -0.2144 units per year.

Mann-Kendall statistic = -50
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

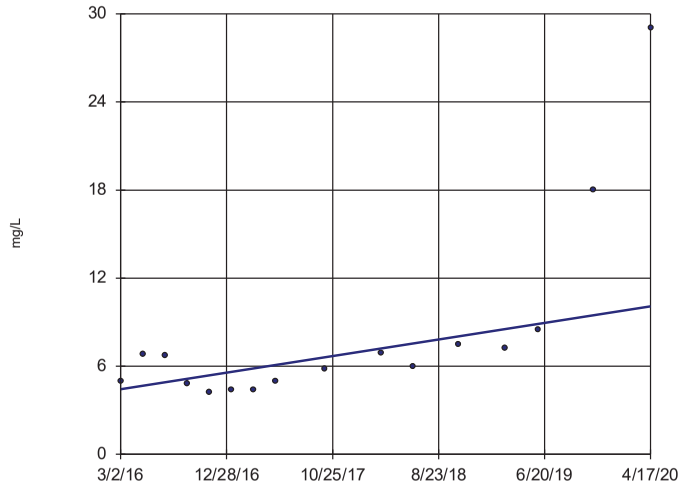
Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109



n = 16

Slope = 1.369 units per year.

Mann-Kendall statistic = 70
critical = 58

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

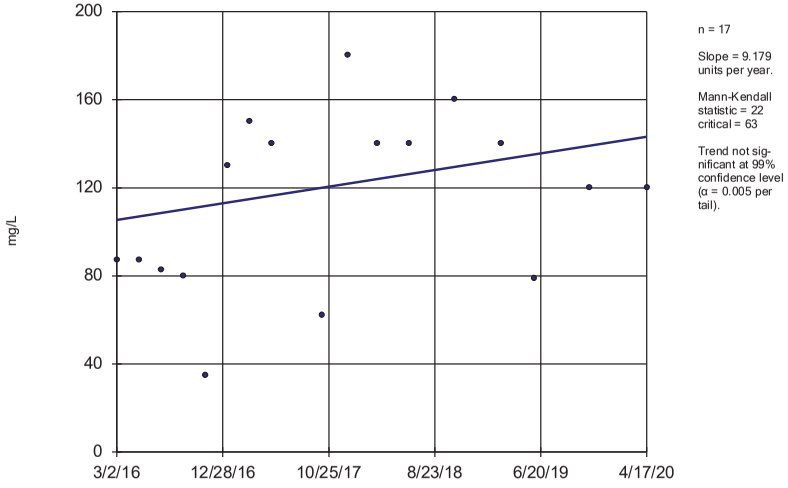
Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 17

Slope = 9.179 units per year.

Mann-Kendall statistic = 22
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

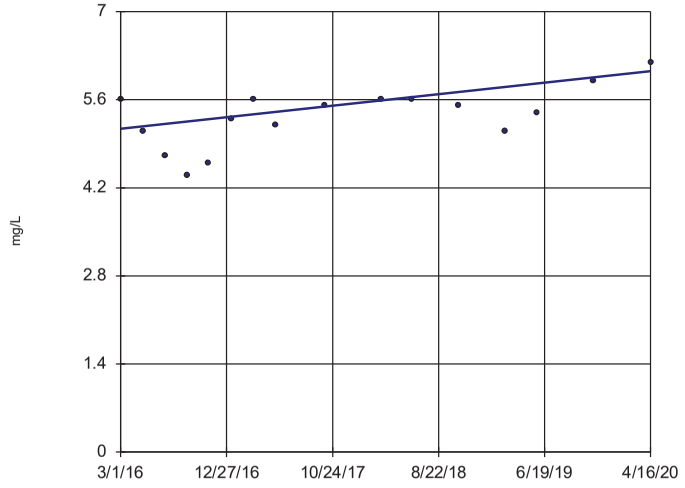
Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = 0.2217 units per year.

Mann-Kendall statistic = 46
critical = 58

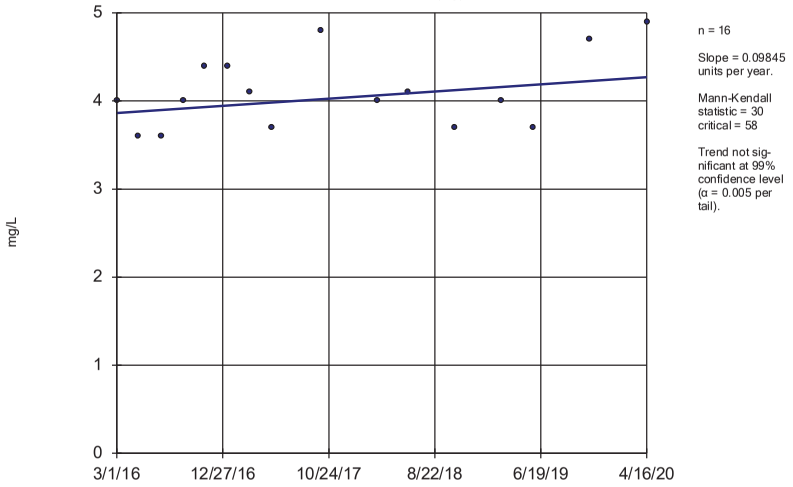
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = 0.09845 units per year.

Mann-Kendall statistic = 30
critical = 58

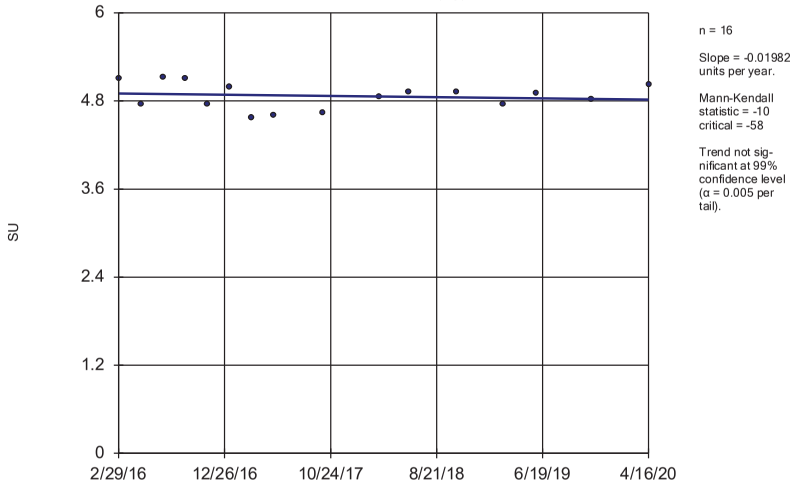
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = -0.01982 units per year.

Mann-Kendall statistic = -10
critical = -58

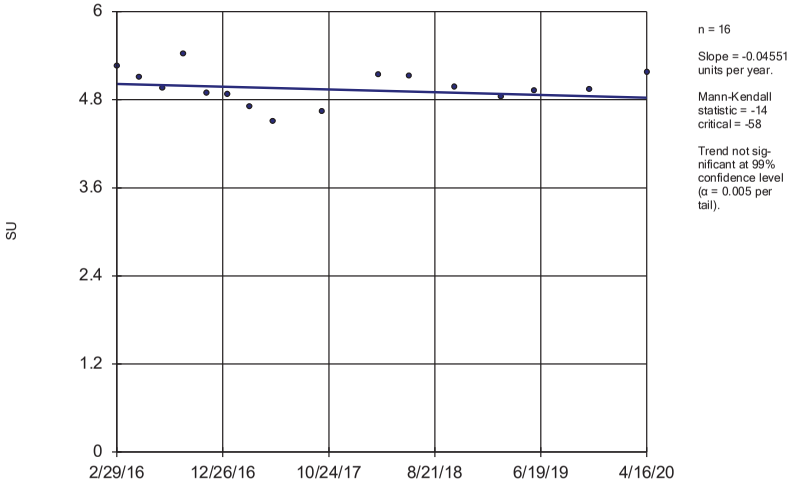
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = -0.04551 units per year.

Mann-Kendall statistic = -14
critical = -58

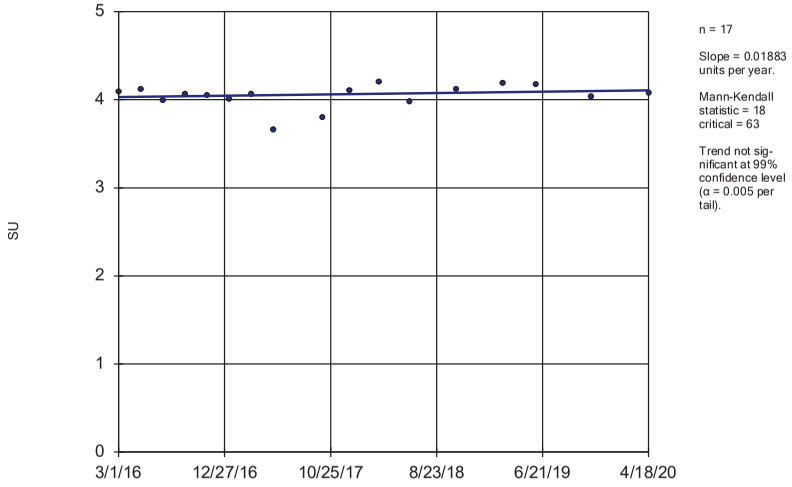
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 17

Slope = 0.01883 units per year.

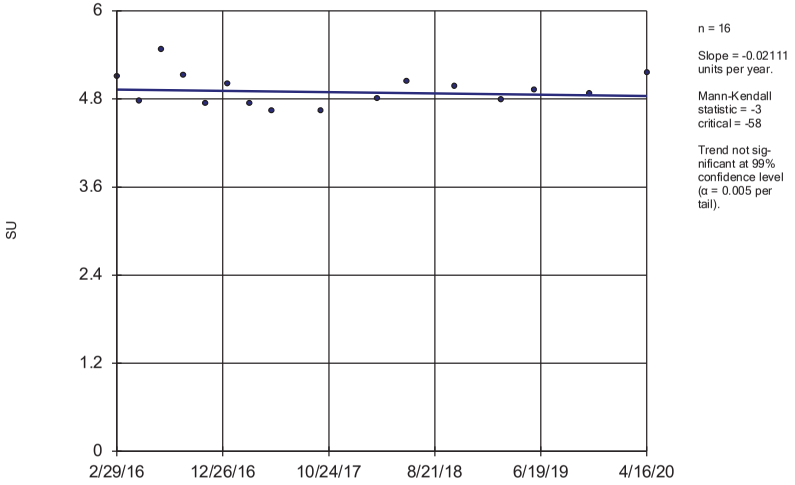
Mann-Kendall statistic = 18
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = -0.02111 units per year.

Mann-Kendall statistic = -3
critical = -58

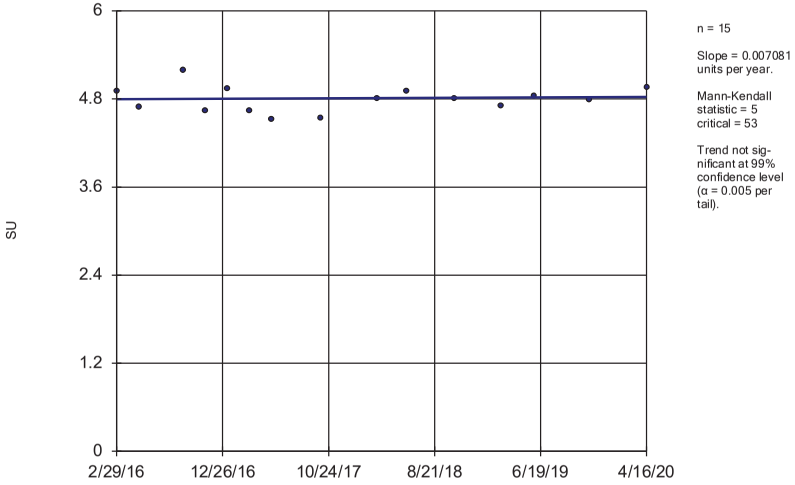
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 15

Slope = 0.007081 units per year.

Mann-Kendall statistic = 5
critical = 53

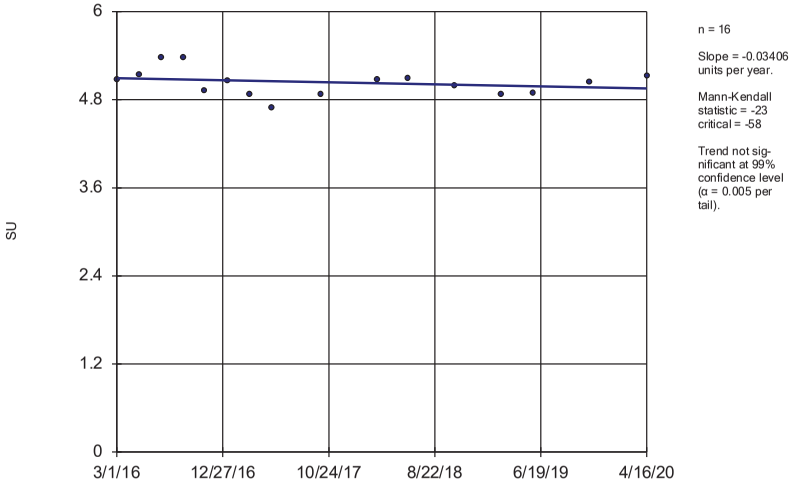
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = -0.03406 units per year.

Mann-Kendall statistic = -23
critical = -58

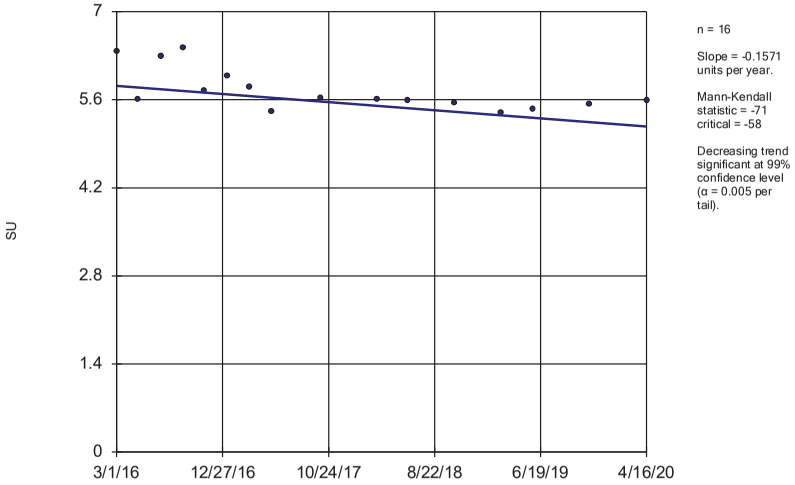
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = -0.1571 units per year.

Mann-Kendall statistic = -71
critical = -58

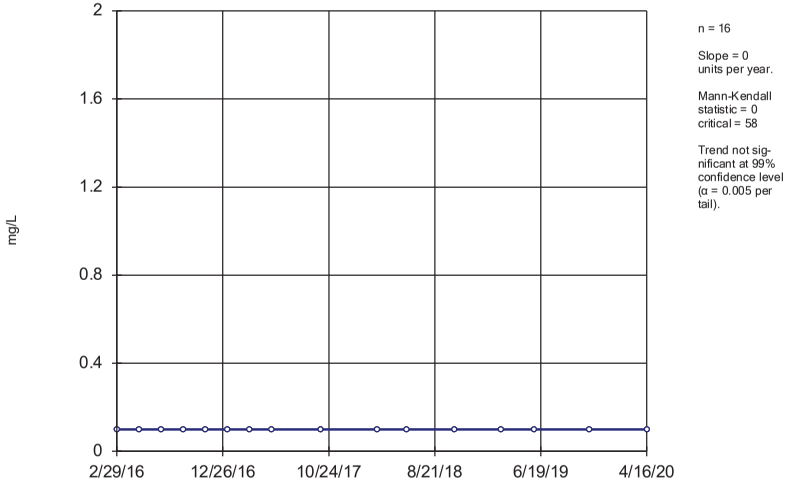
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

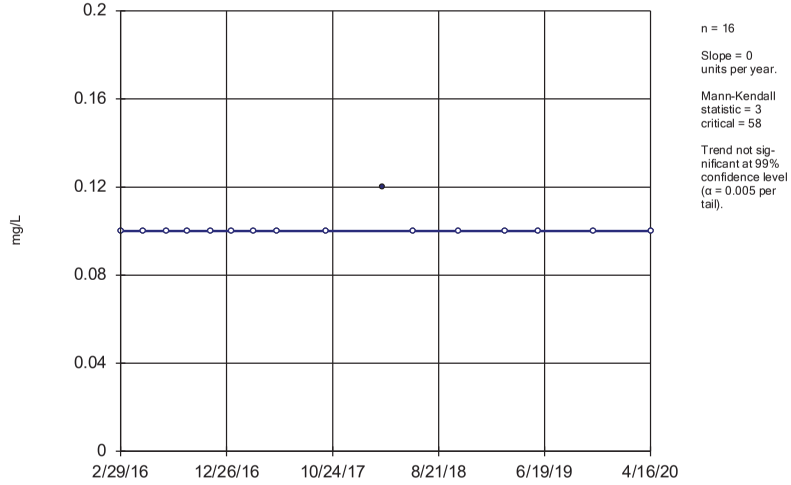
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 3
critical = 58

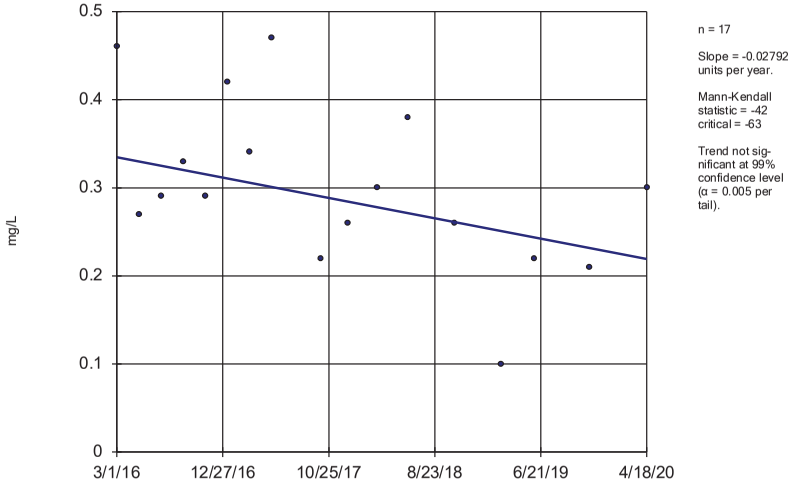
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 17

Slope = -0.02792 units per year.

Mann-Kendall statistic = -42
critical = -63

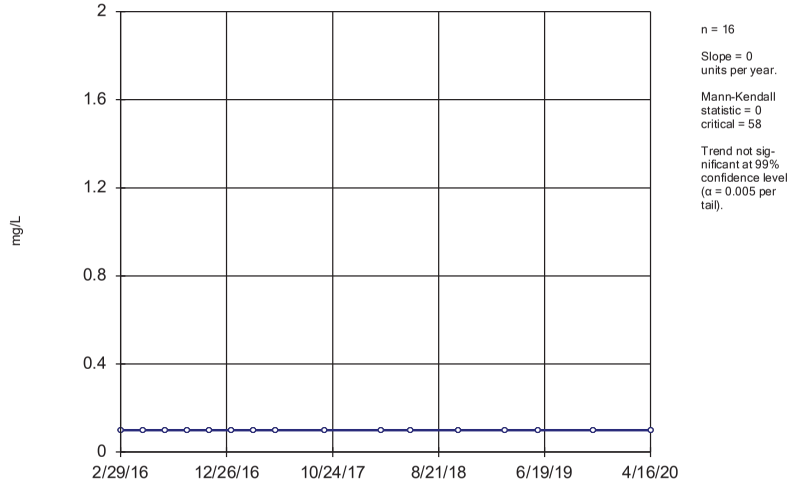
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

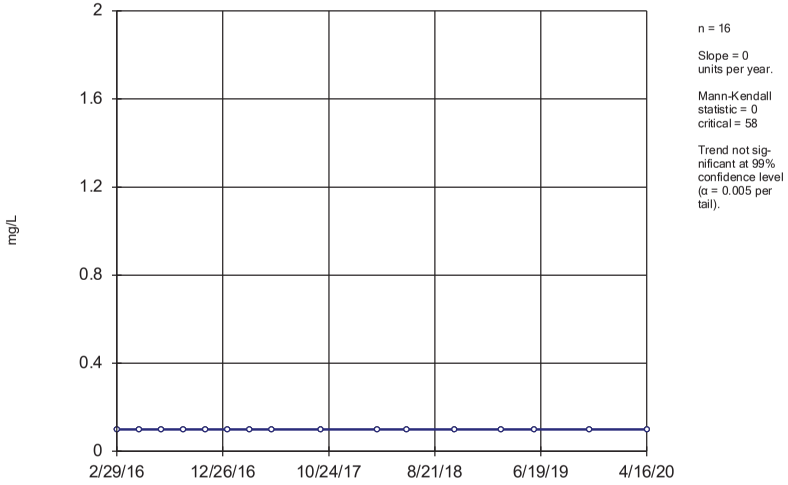
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

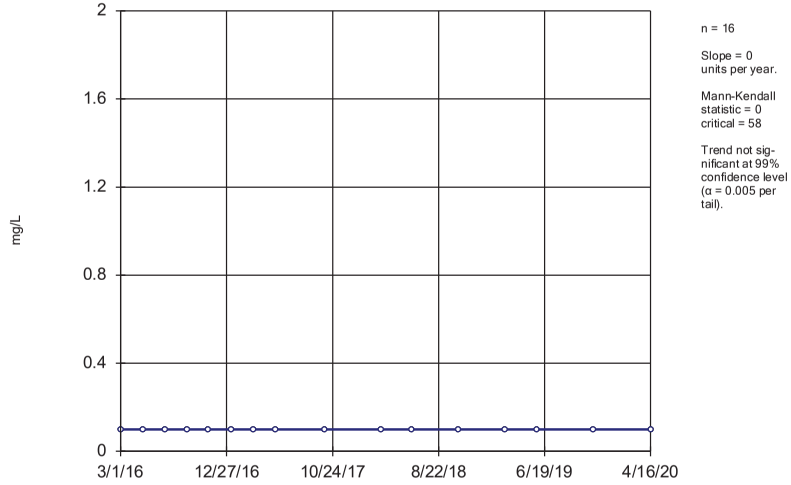
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

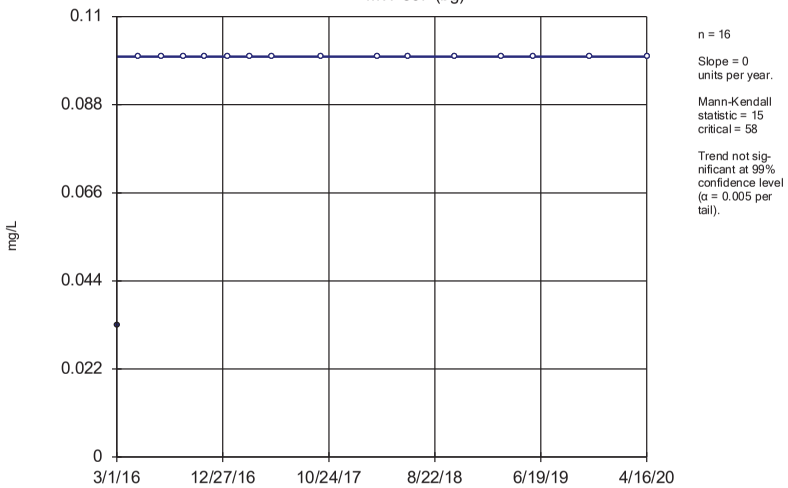
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 15
critical = 58

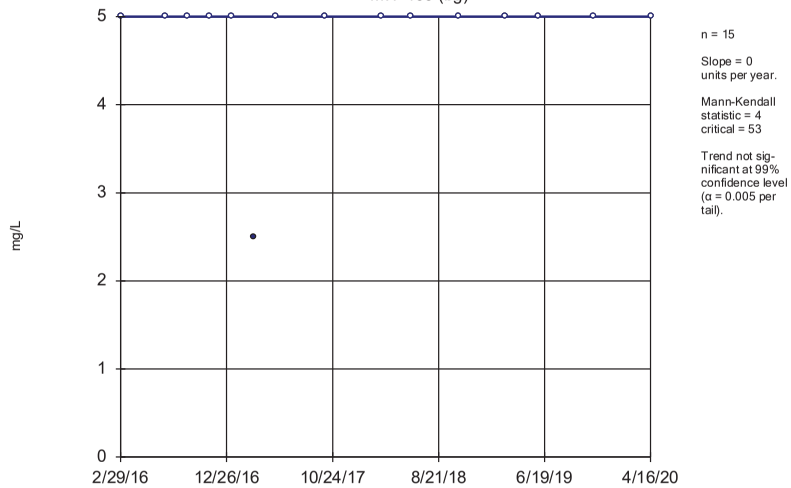
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 15

Slope = 0 units per year.

Mann-Kendall statistic = 4
critical = 53

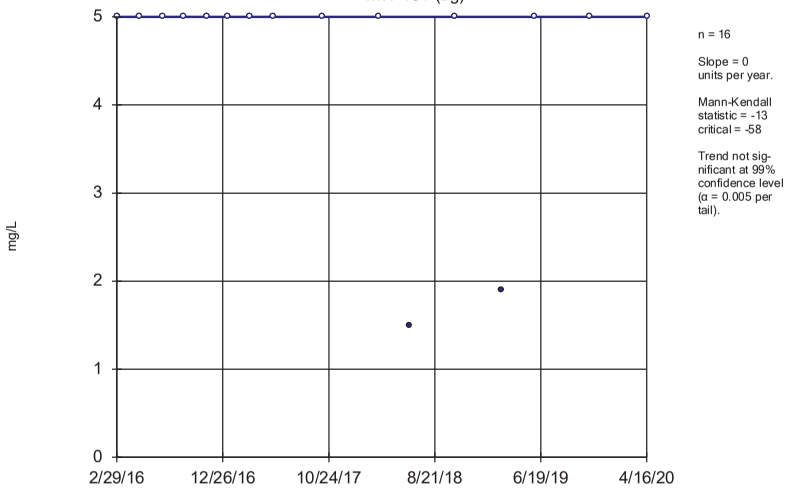
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -13
critical = -58

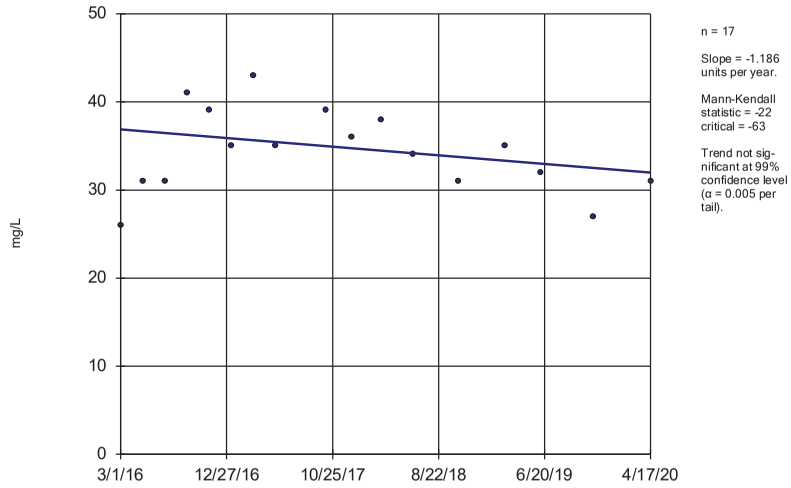
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 17

Slope = -1.186 units per year.

Mann-Kendall statistic = -22
critical = -63

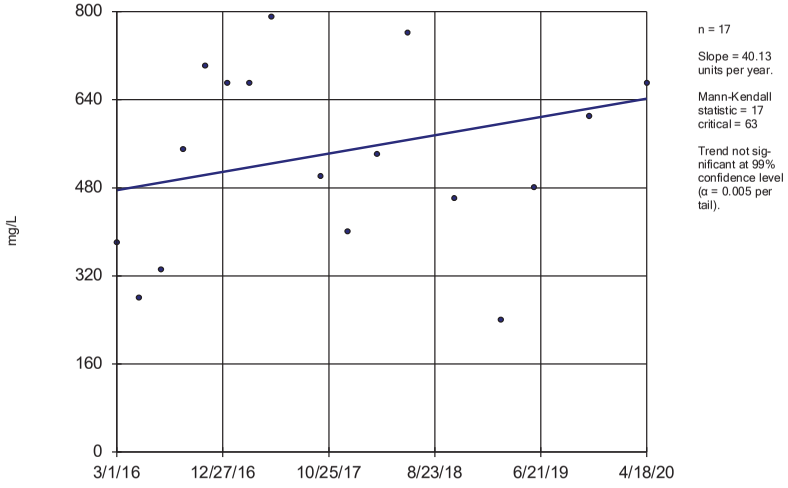
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 17

Slope = 40.13 units per year.

Mann-Kendall statistic = 17
critical = 63

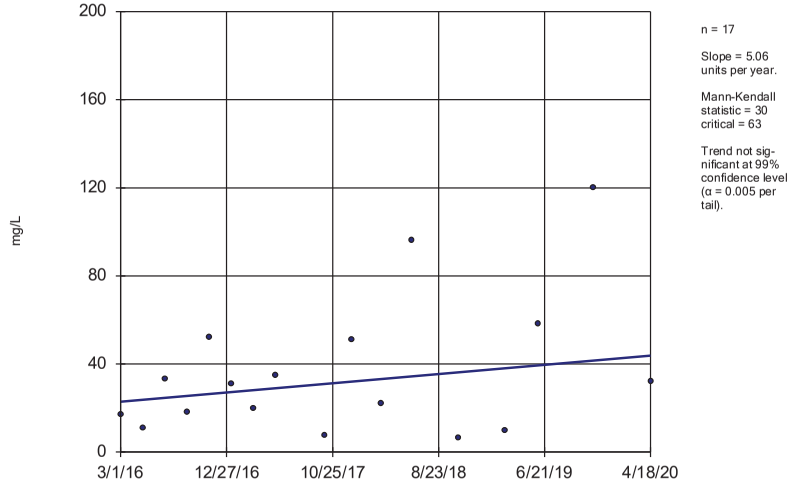
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 17

Slope = 5.06 units per year.

Mann-Kendall statistic = 30
critical = 63

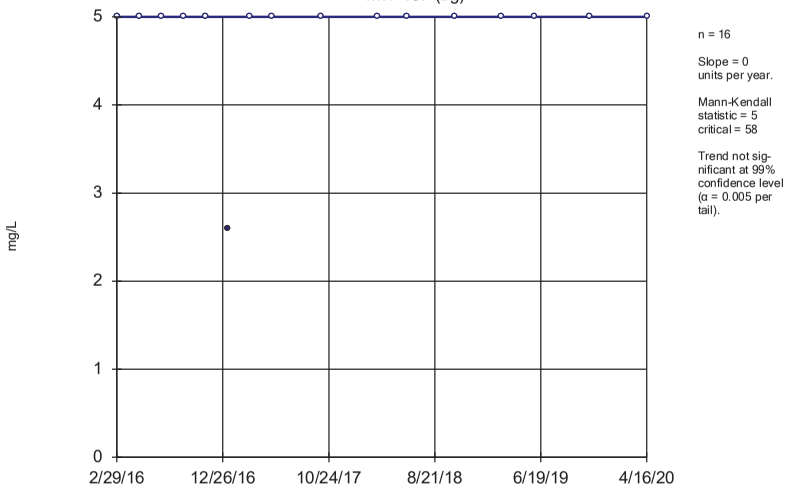
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

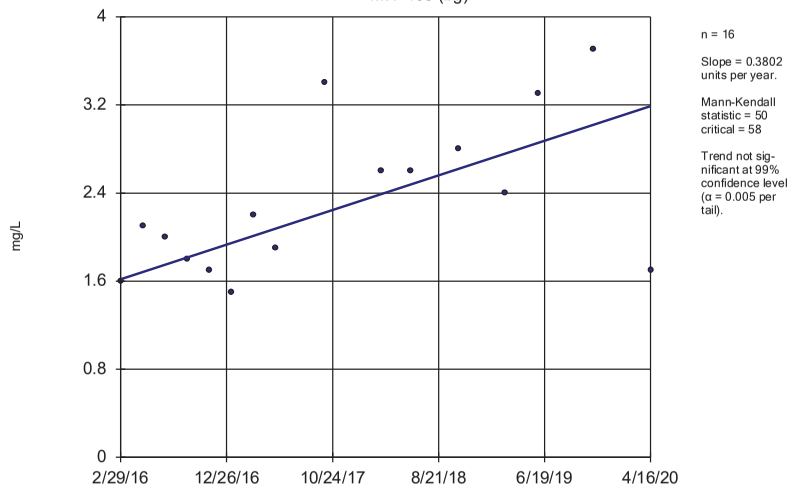


Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)

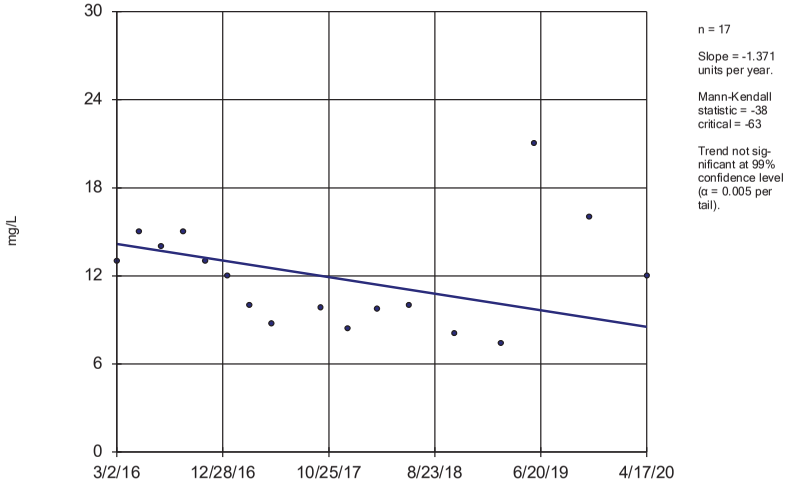


Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109

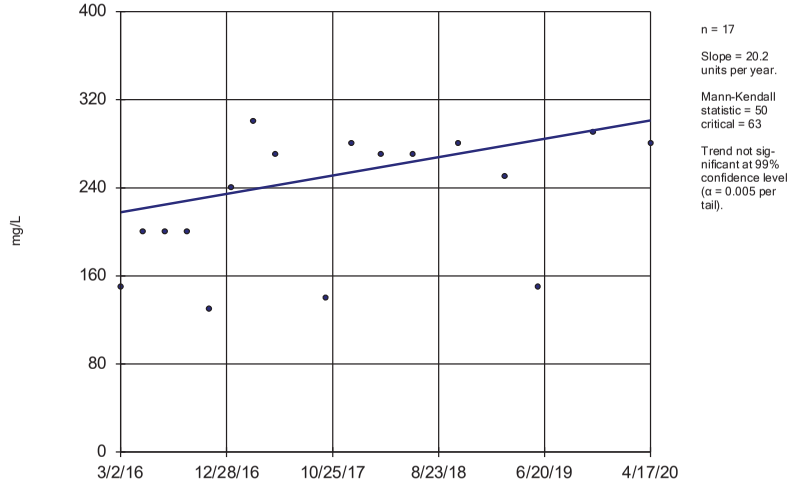


Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110

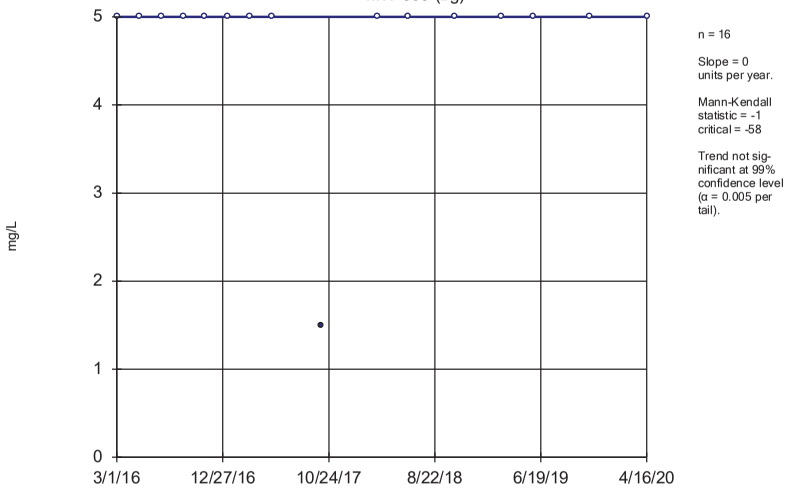


Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

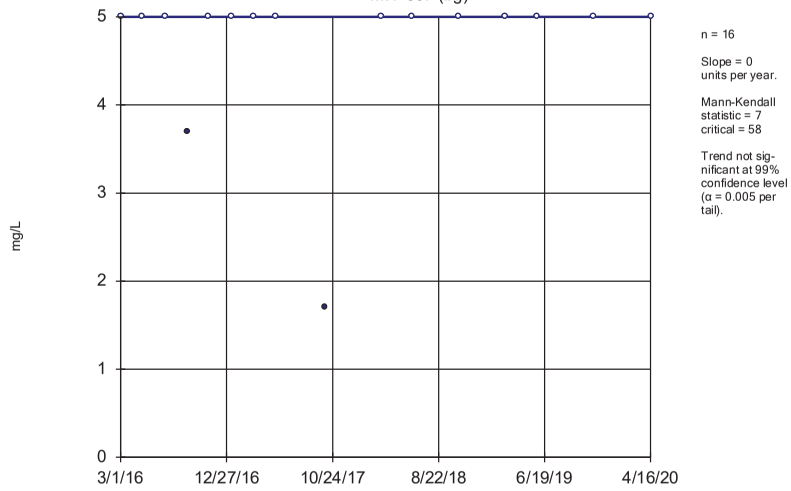


Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

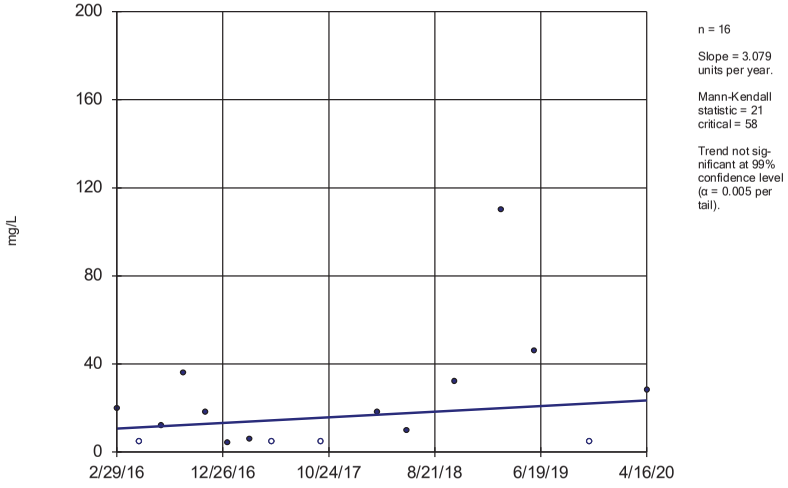


Constituent: Sulfate Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

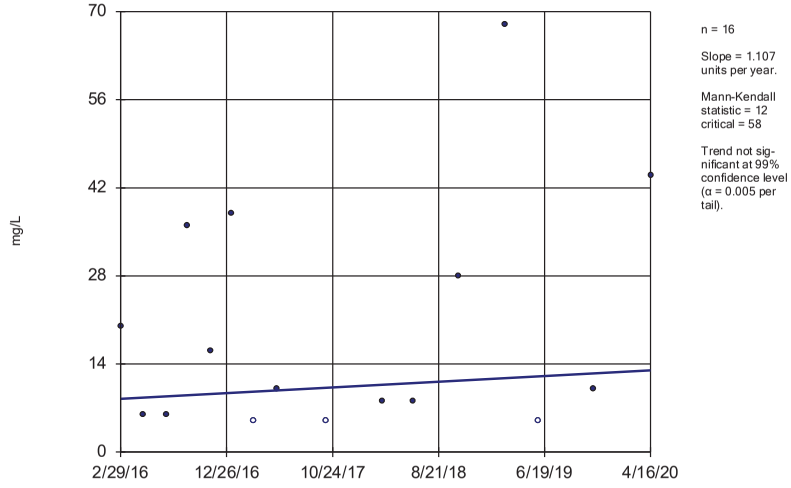


Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

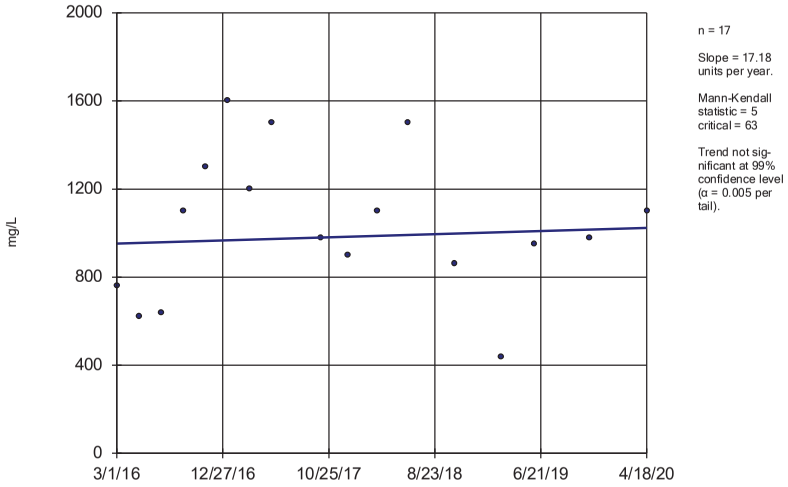
MW-101 (bg)



Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-104



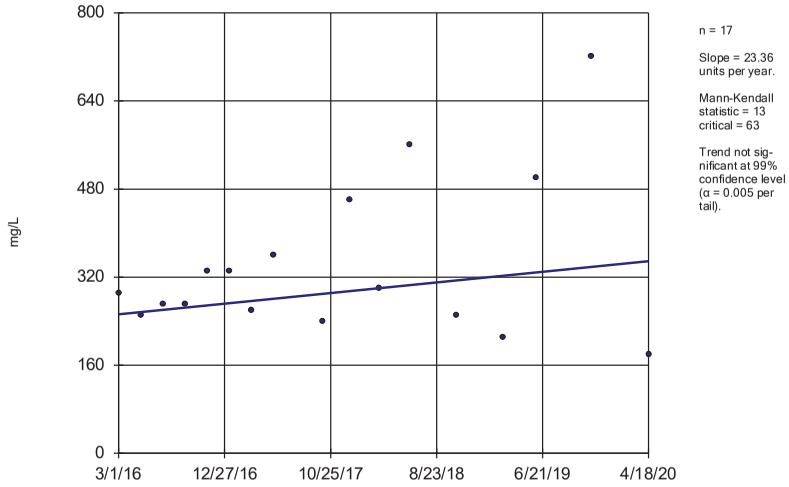
Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



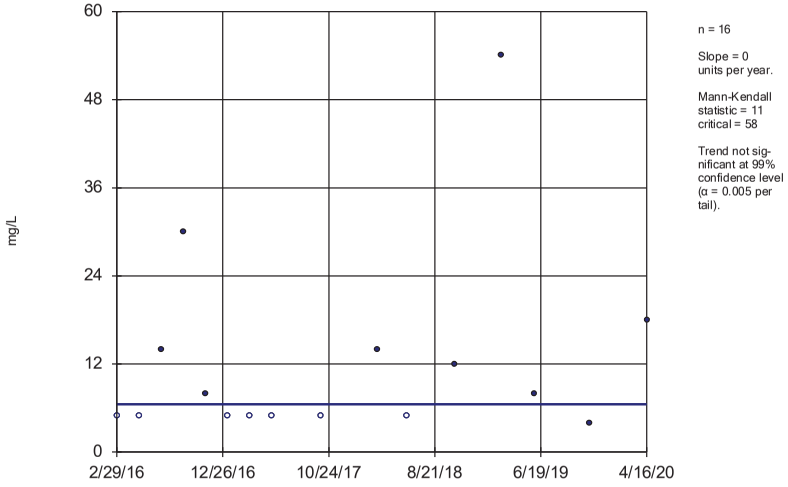
Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



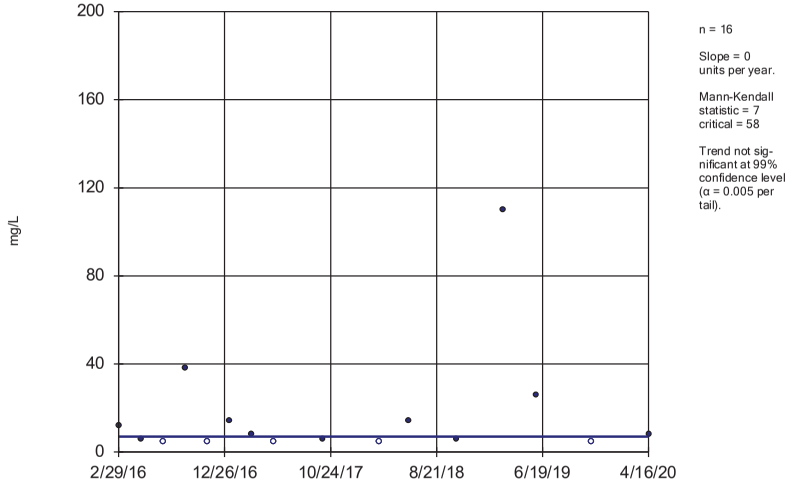
Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



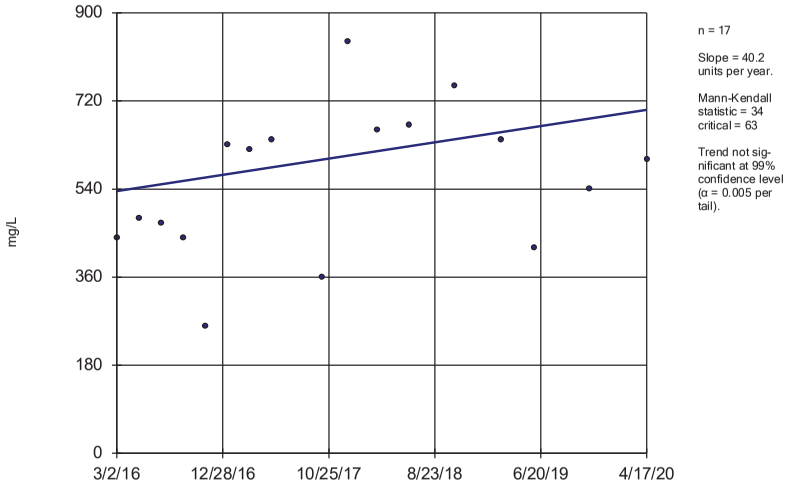
Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

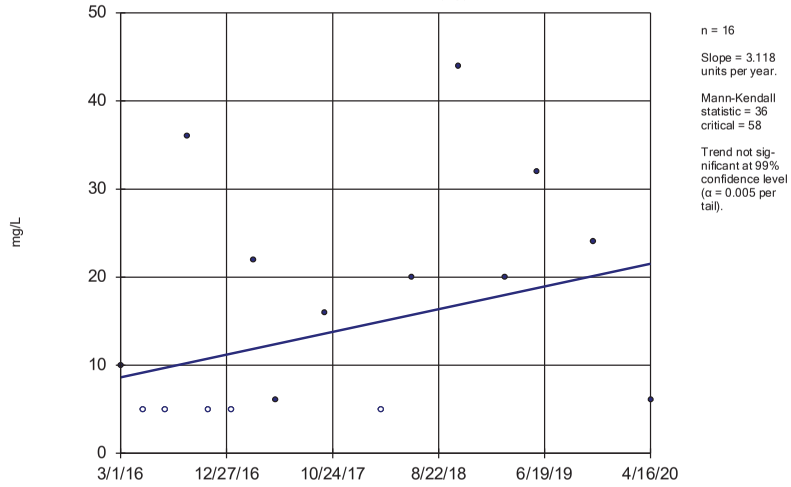
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

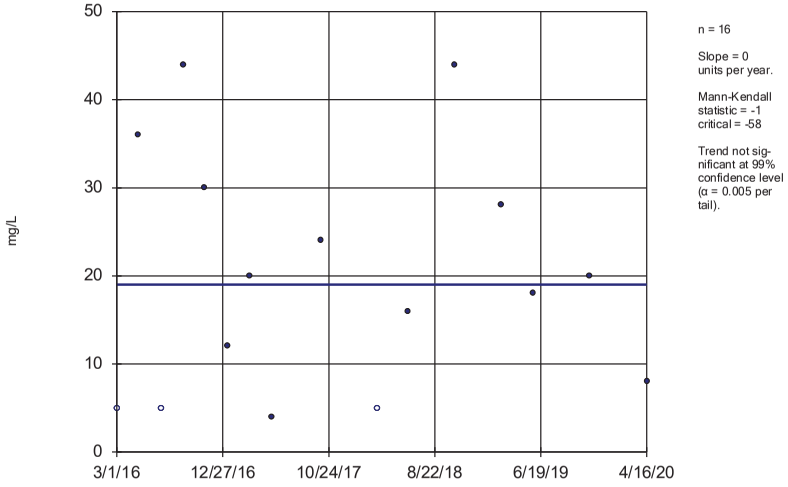
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



Constituent: Total Dissolved Solids Analysis Run 6/22/2020 2:25 PM View: 100 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

200 Series

Appendix III Trend Tests - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-8.472**	**-103**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-9.217**	**-90**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-22.06**	**-118**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-208.6**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-230.8**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-597.4**	**-128**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-342.9**	**-89**	**-63**	**Yes**	**17**	**5.882**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-493.4**	**-88**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1331**	**-110**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-83.88**	**-82**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-107.2**	**-113**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-143.7**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-1353**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1471**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3178**	**-102**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - 200 Series Wells - All Results

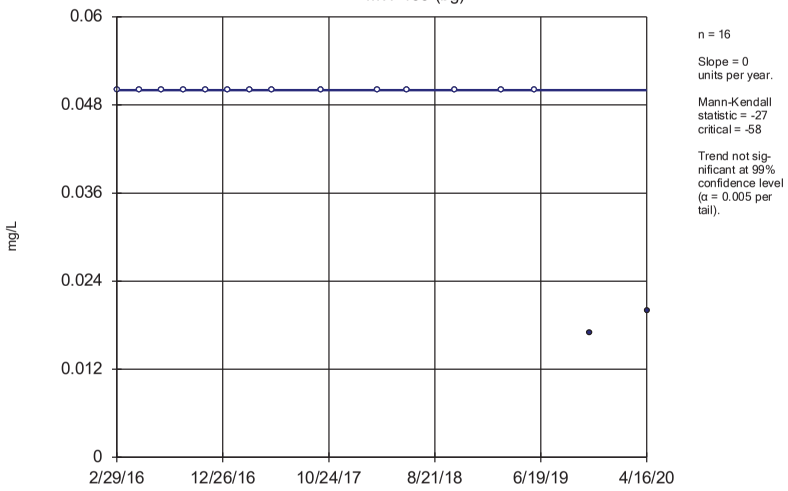
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-27	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-20	-58	No	16	81.25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-29	-58	No	16	75	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-8.472**	**-103**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-9.217**	**-90**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-22.06**	**-118**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03779	33	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.03287	-44	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03716	-36	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.03799	26	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-200**	**-208.6**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-230.8**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-597.4**	**-128**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	-0.005864	-14	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-100 (bg)	0.2918	52	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-101 (bg)	0.1782	37	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.08844	-24	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2144	-50	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-342.9**	**-89**	**-63**	**Yes**	**17**	**5.882**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-493.4**	**-88**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1331**	**-110**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-306 (bg)	0.2217	46	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.09845	30	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01982	-10	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.04551	-14	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.02111	-3	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	5	53	No	15	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-206	0.1014	52	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.03406	-23	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	3	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.002519	-1	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	15	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	4	53	No	15	93.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-13	-58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3802	50	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-200**	**-83.88**	**-82**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-107.2**	**-113**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-143.7**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	-1	-58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	7	58	No	16	87.5	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.079	21	58	No	16	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.107	12	58	No	16	18.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0	11	58	No	16	43.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0	7	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-1353**	**-111**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1471**	**-97**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3178**	**-102**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.118	36	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-58	No	16	18.75	n/a	n/a	0.01	NP

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

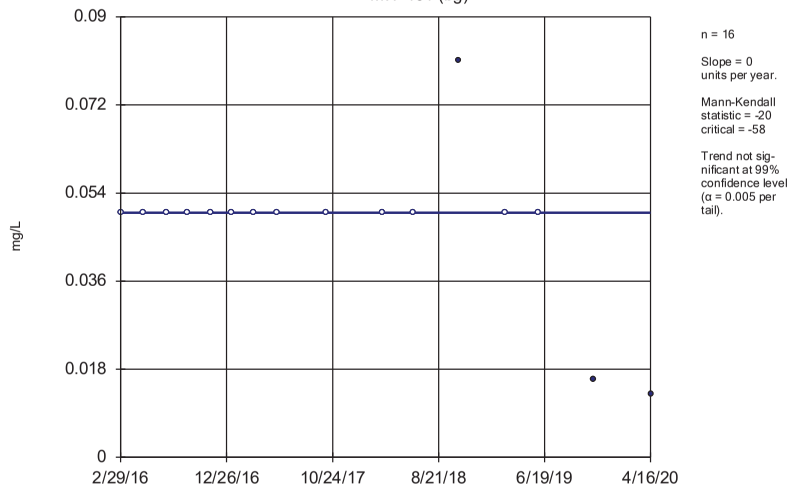


Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

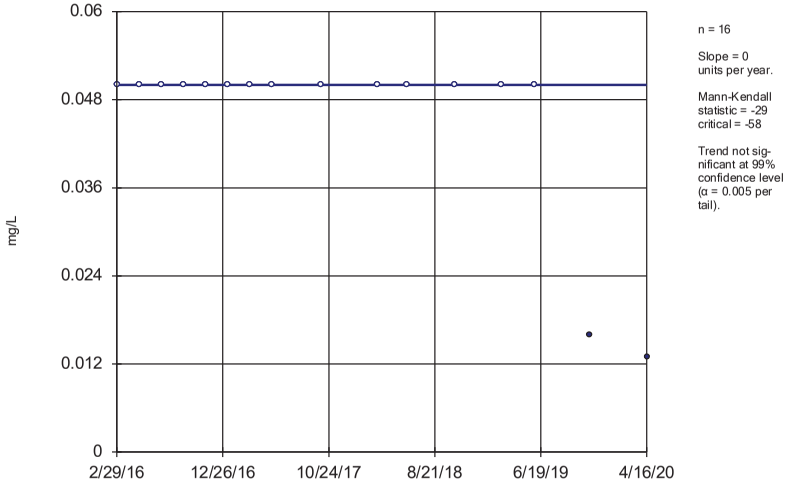


Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

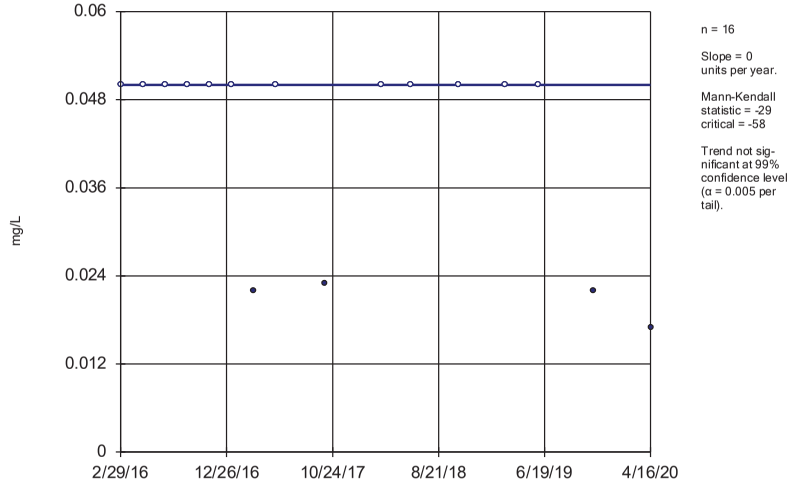


Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

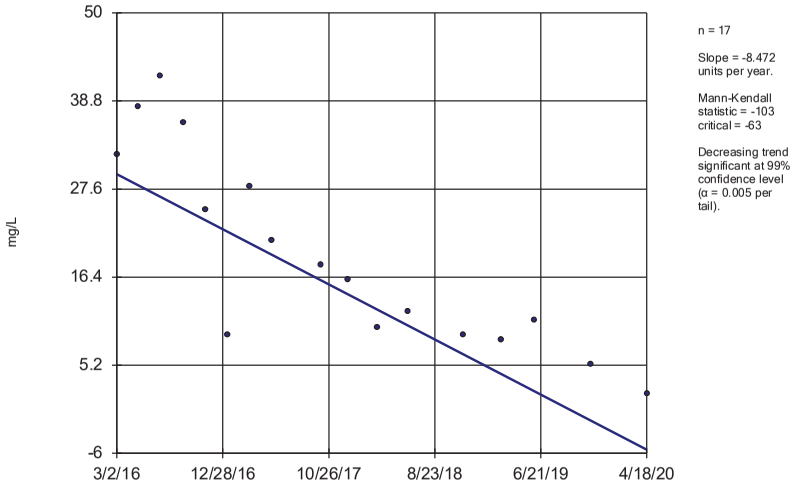
MW-108 (bg)



Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-200

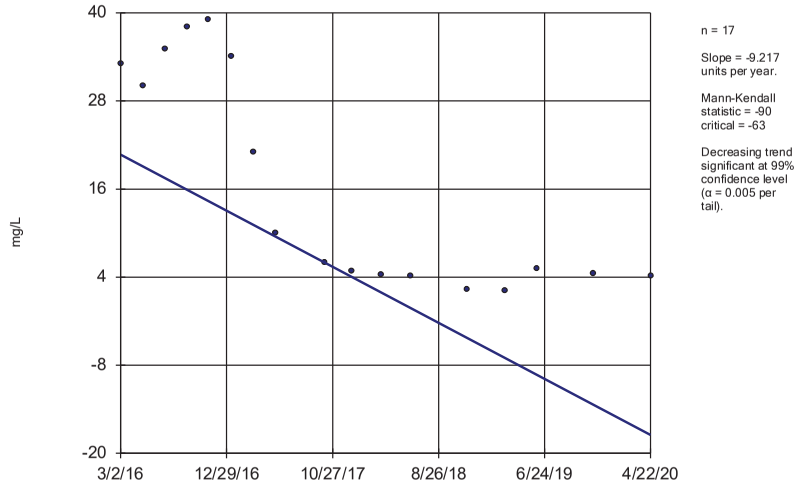


Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-201

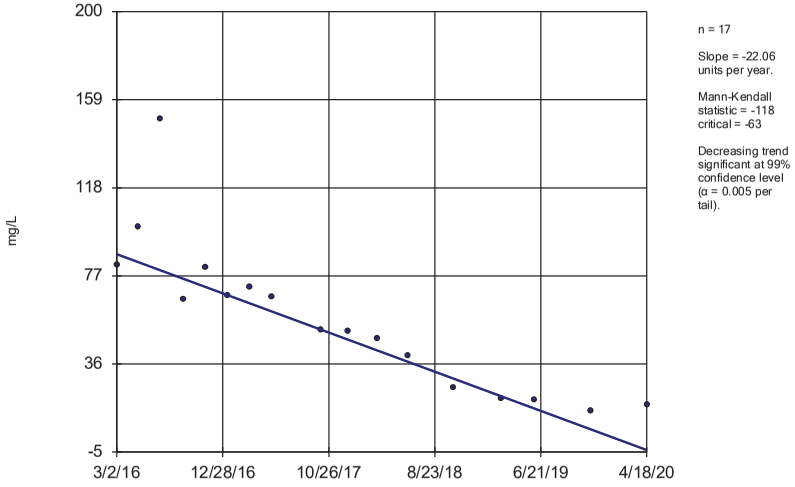


Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-206



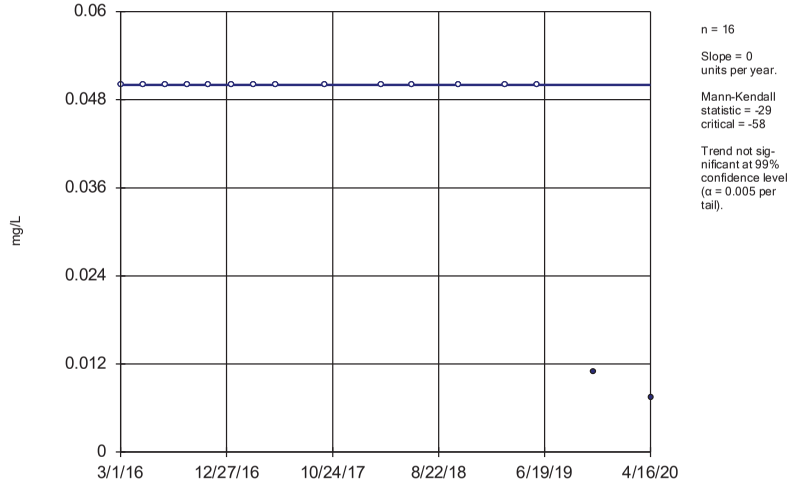
Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



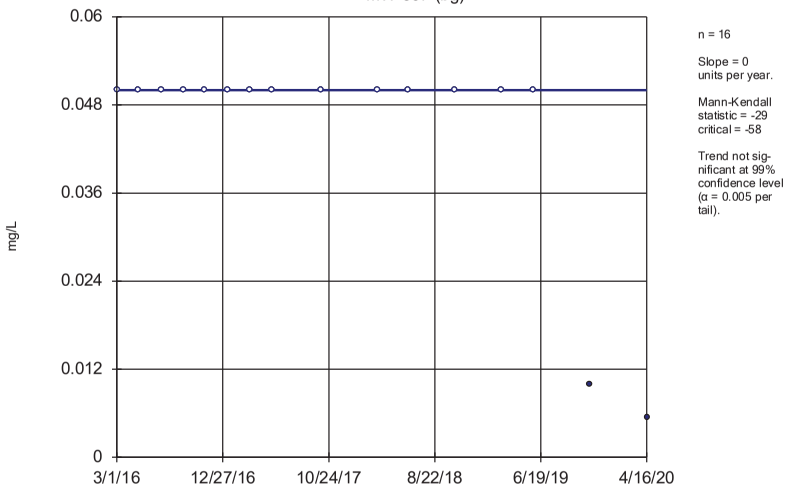
Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -29
critical = -58

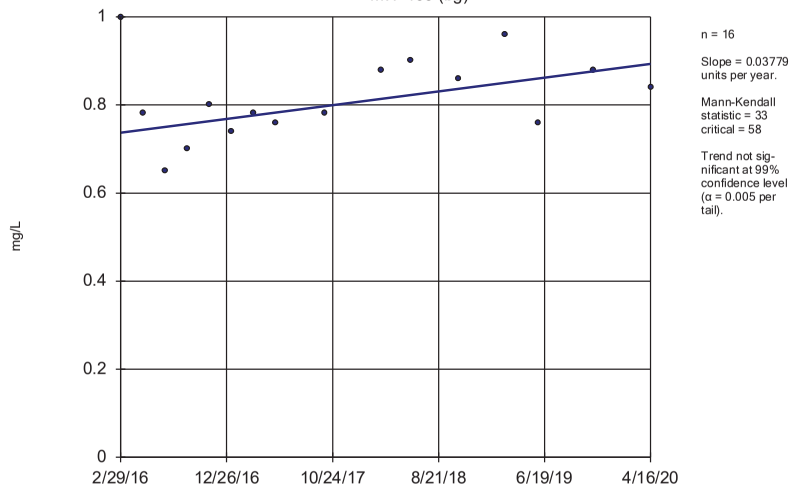
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0.03779 units per year.

Mann-Kendall statistic = 33
critical = 58

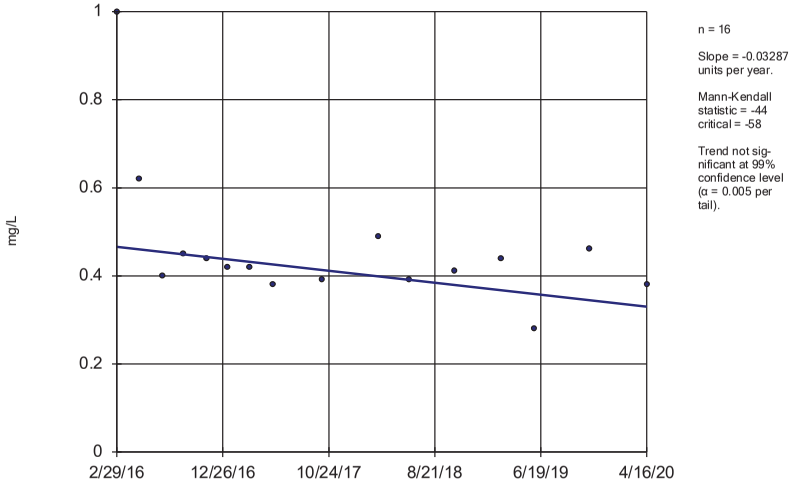
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = -0.03287 units per year.

Mann-Kendall statistic = -44
critical = -58

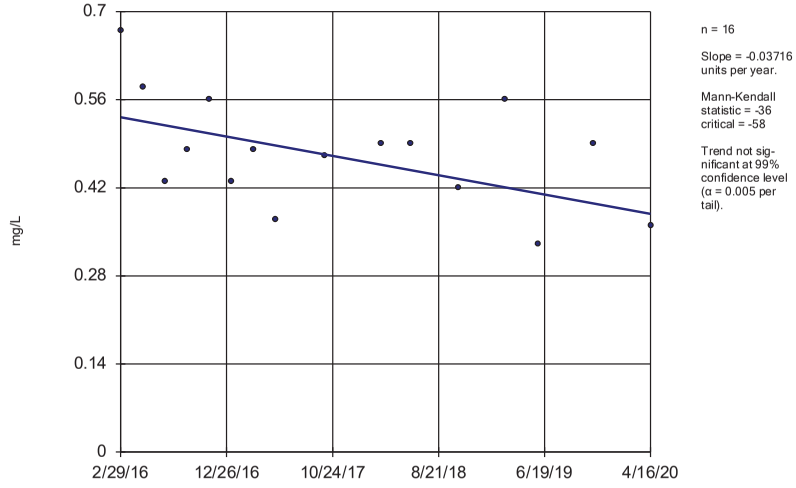
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = -0.03716 units per year.

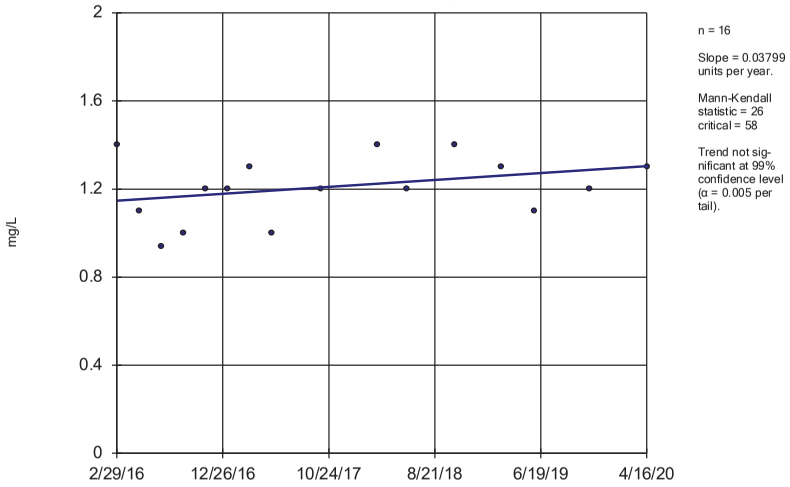
Mann-Kendall statistic = -36
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0.03799 units per year.

Mann-Kendall statistic = 26
critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

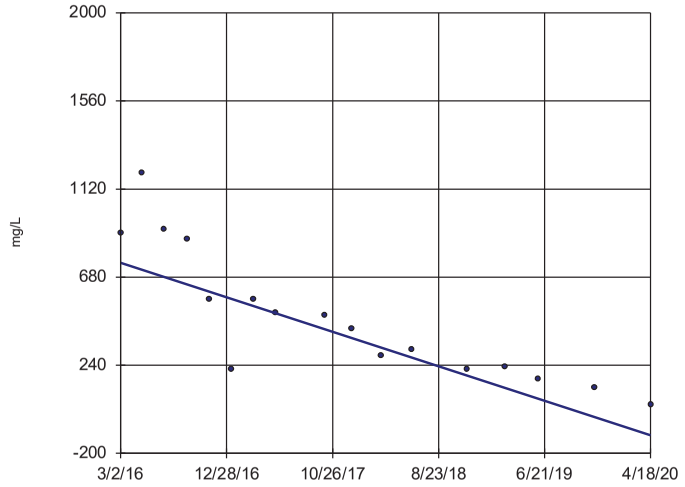
Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 17

Slope = -208.6 units per year.

Mann-Kendall statistic = -112
critical = -63

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

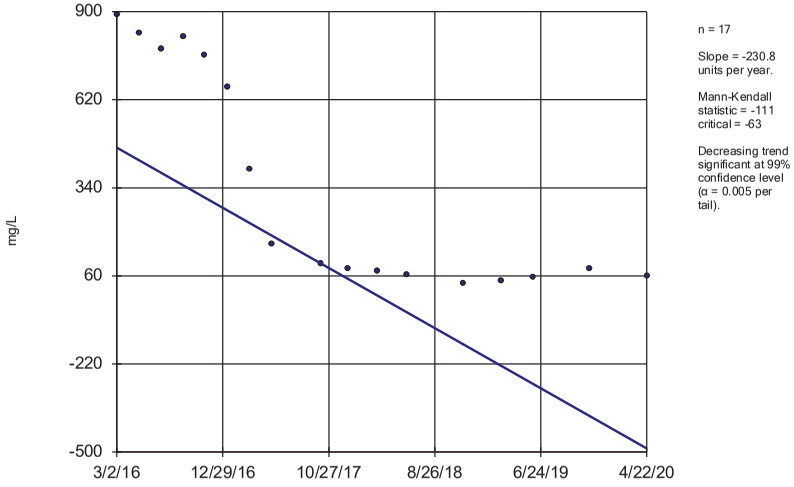
Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 17

Slope = -230.8 units per year.

Mann-Kendall statistic = -111
critical = -63

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

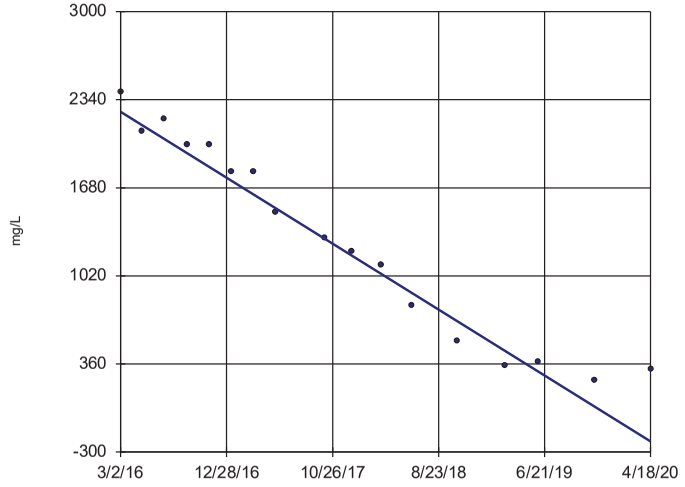
Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 17

Slope = -597.4 units per year.

Mann-Kendall statistic = -128
critical = -63

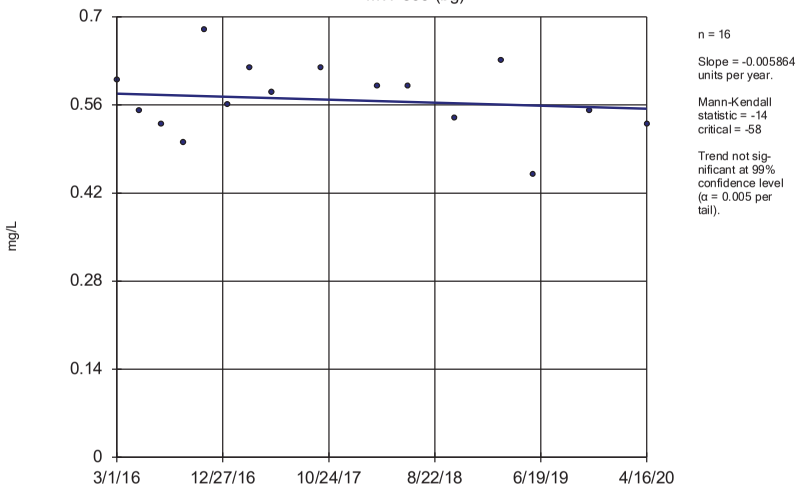
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = -0.005864 units per year.

Mann-Kendall statistic = -14
critical = -58

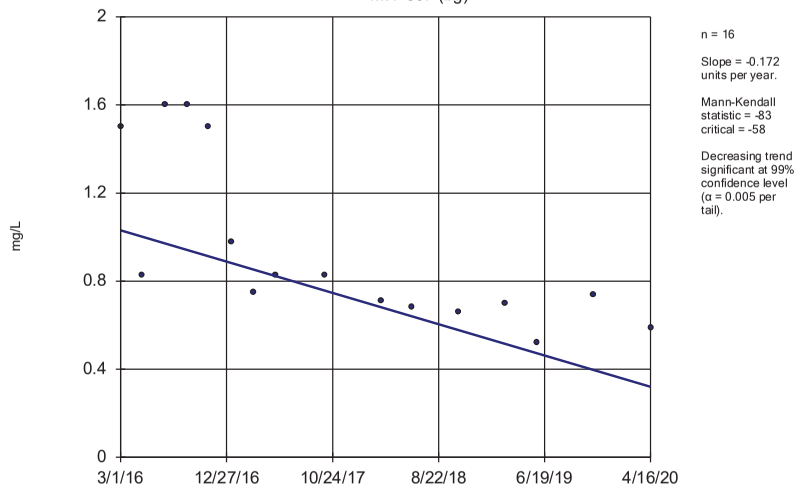
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = -0.172 units per year.

Mann-Kendall statistic = -83
critical = -58

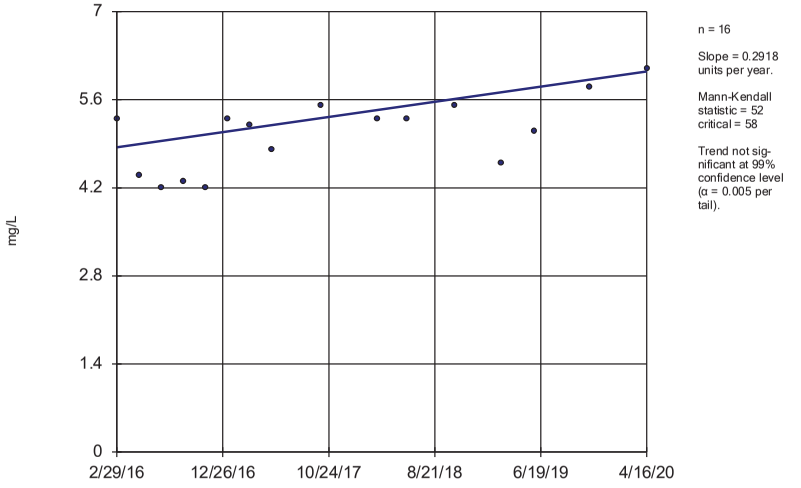
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0.2918 units per year.

Mann-Kendall statistic = 52
critical = 58

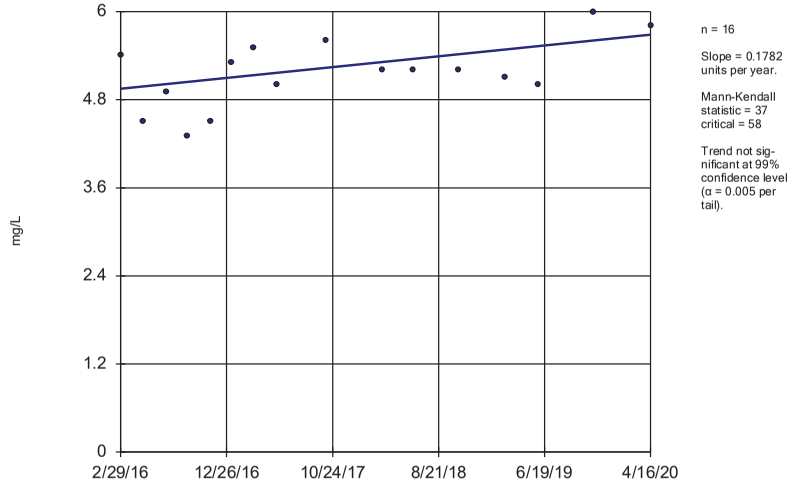
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = 0.1782 units per year.

Mann-Kendall statistic = 37
critical = 58

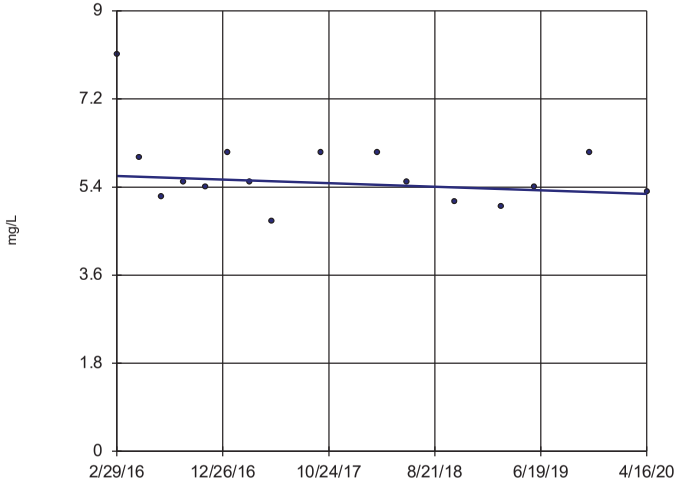
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = -0.08844 units per year.

Mann-Kendall statistic = -24
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

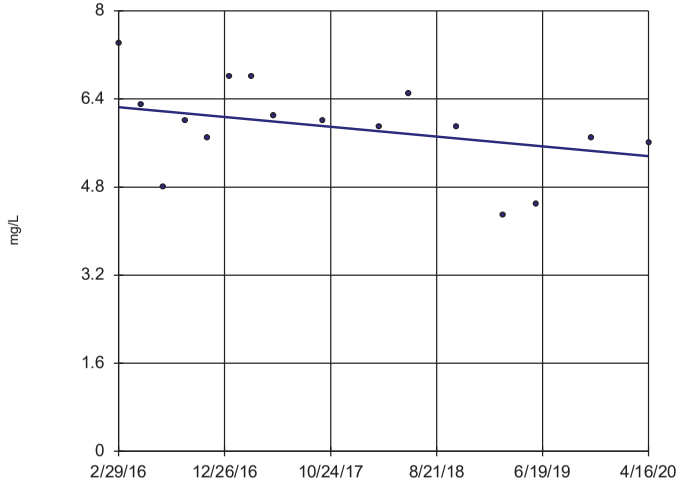
Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = -0.2144 units per year.

Mann-Kendall statistic = -50
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

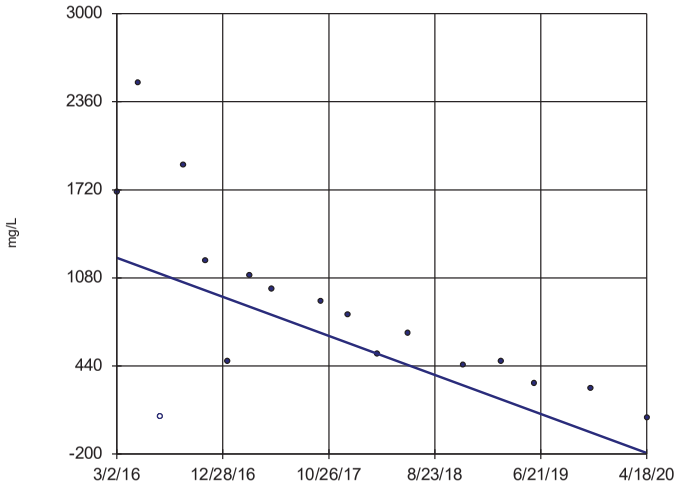
Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-200



n = 17

Slope = -342.9 units per year.

Mann-Kendall statistic = -89
critical = -63

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

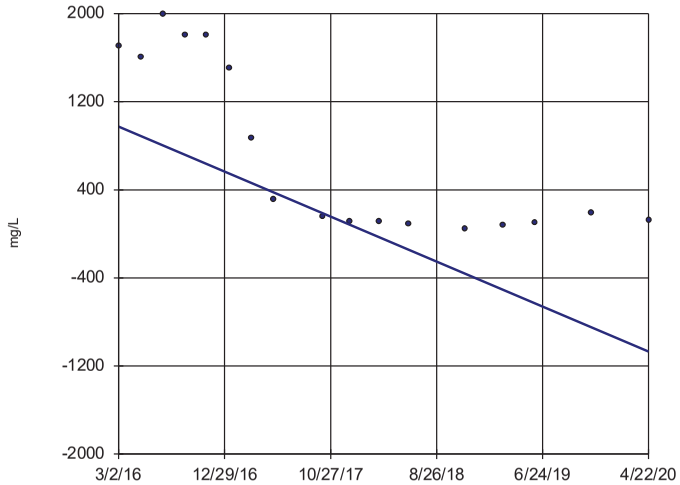
Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 17

Slope = -493.4 units per year.

Mann-Kendall statistic = -88
critical = -63

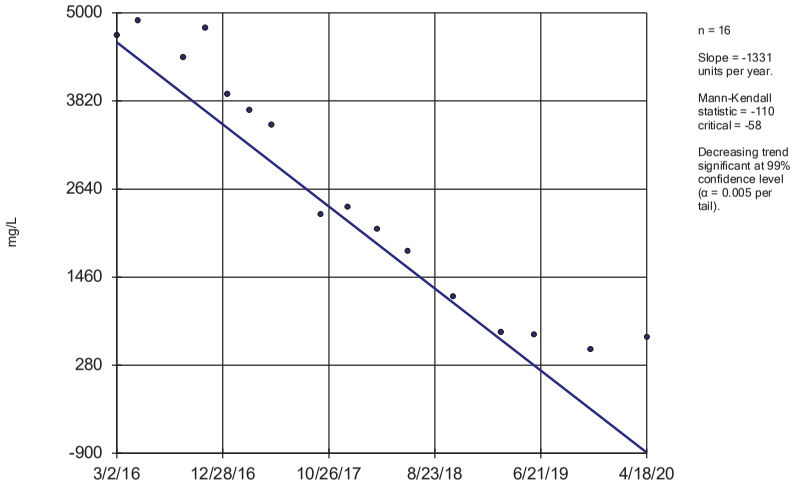
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-206



n = 16

Slope = -1331 units per year.

Mann-Kendall statistic = -110
critical = -58

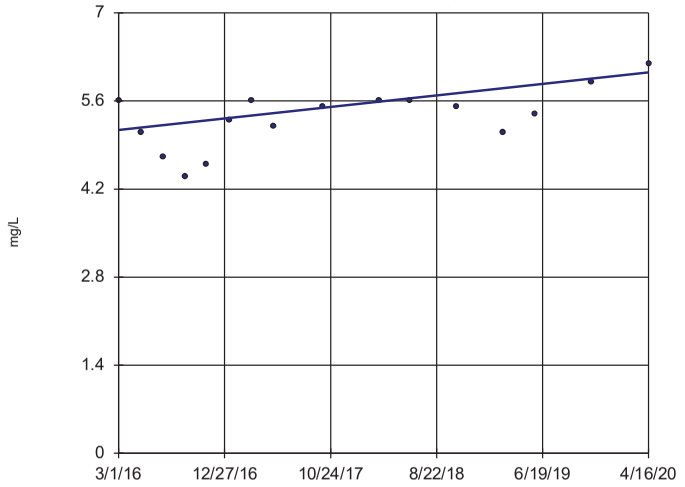
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = 0.2217 units per year.

Mann-Kendall statistic = 46
critical = 58

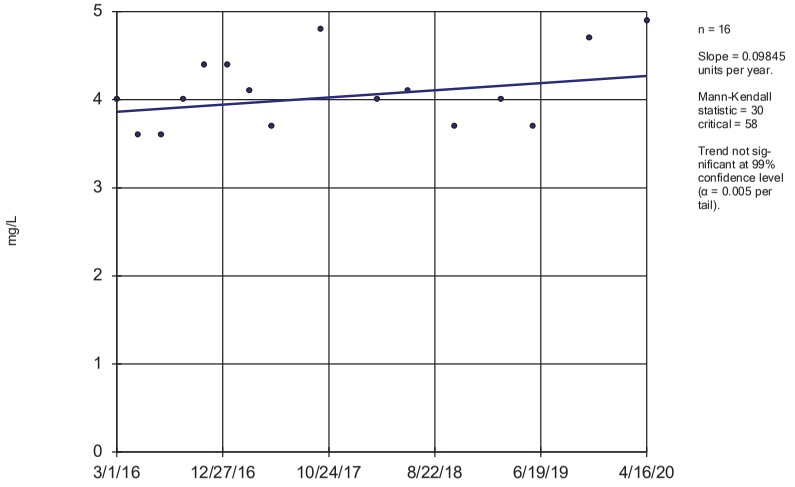
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = 0.09845 units per year.

Mann-Kendall statistic = 30
critical = 58

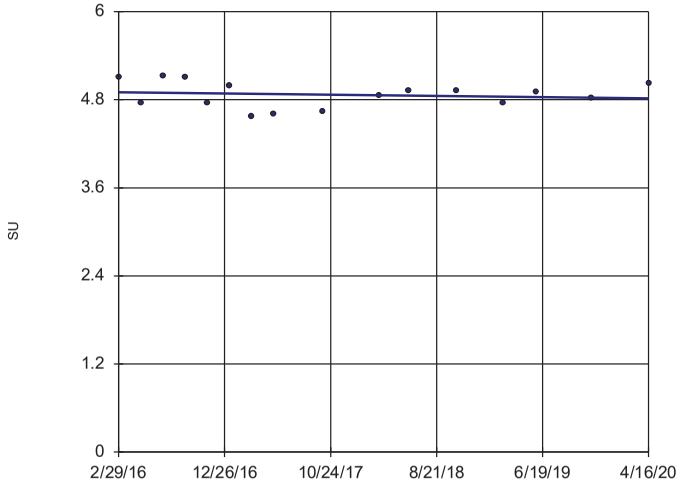
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = -0.01982 units per year.

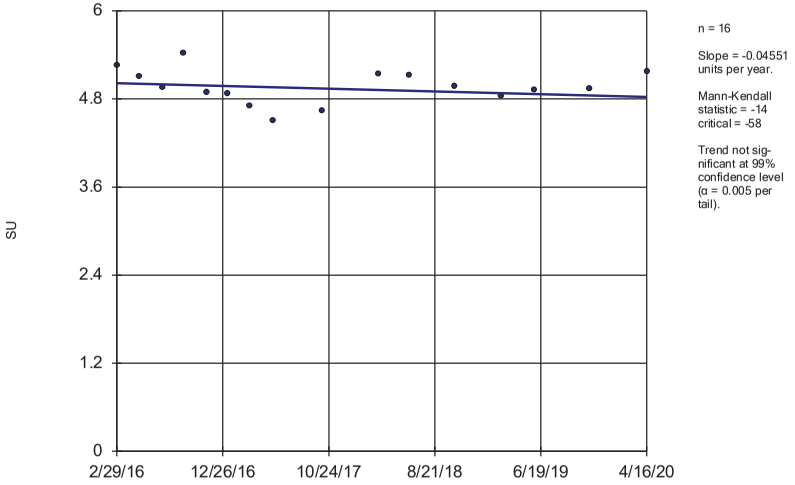
Mann-Kendall statistic = -10
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = -0.04551 units per year.

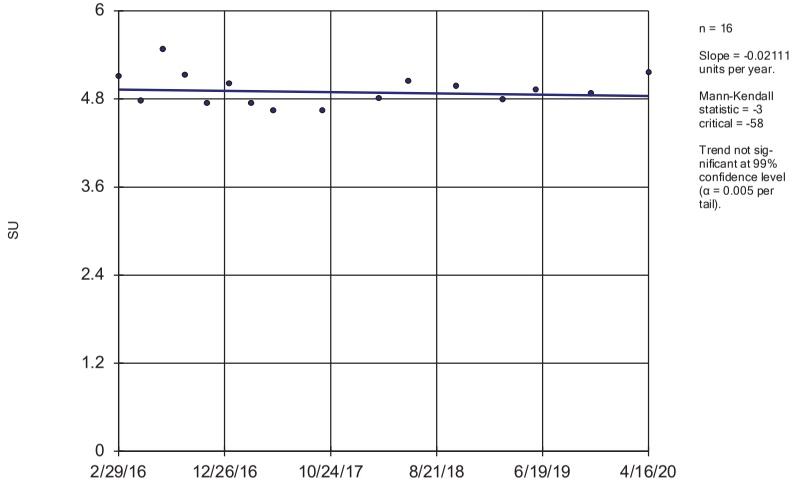
Mann-Kendall statistic = -14
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = -0.02111 units per year.

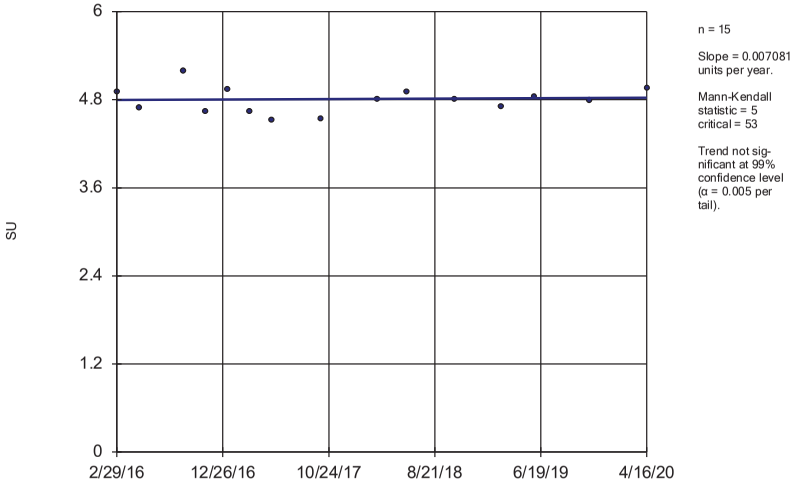
Mann-Kendall statistic = -3
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 15

Slope = 0.007081 units per year.

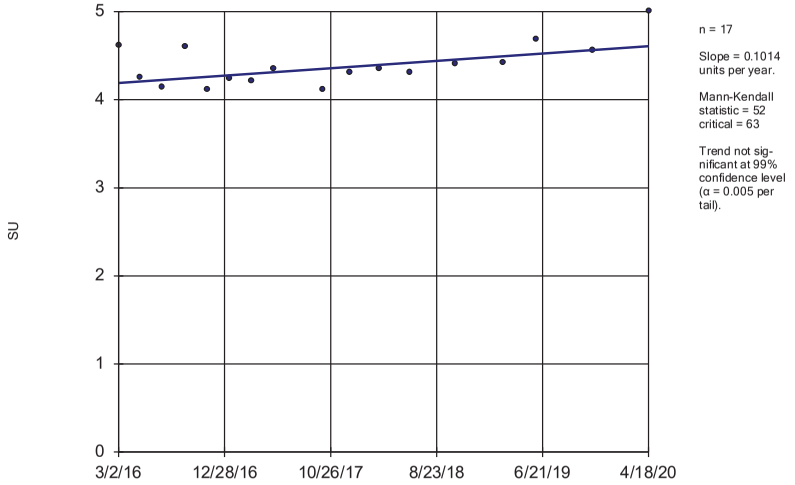
Mann-Kendall statistic = 5
critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-206



n = 17

Slope = 0.1014 units per year.

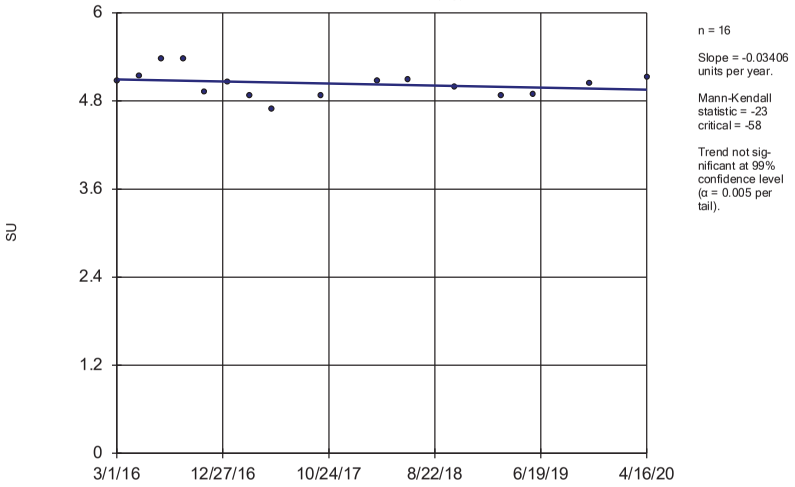
Mann-Kendall statistic = 52
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = -0.03406 units per year.

Mann-Kendall statistic = -23
critical = -58

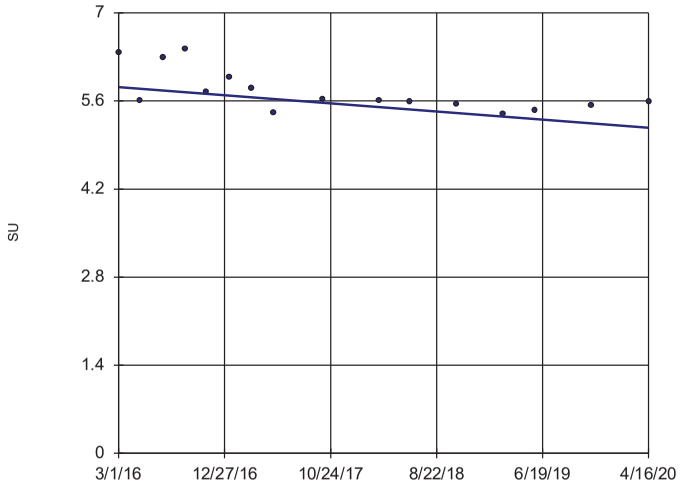
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = -0.1571 units per year.

Mann-Kendall statistic = -71
critical = -58

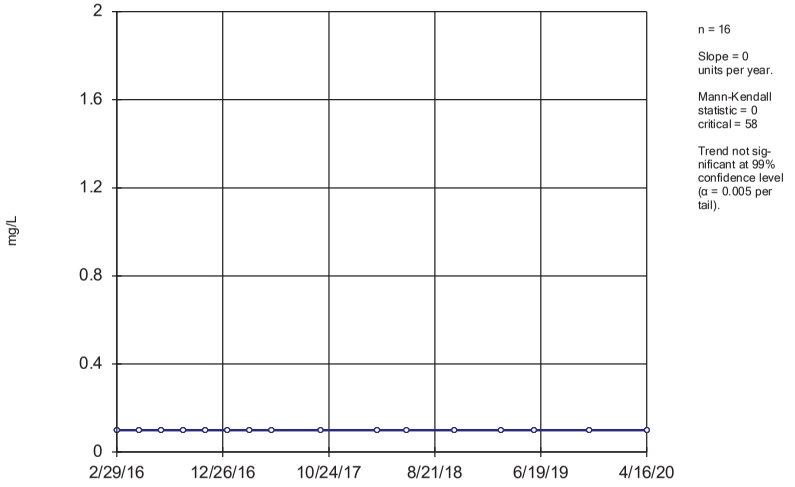
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

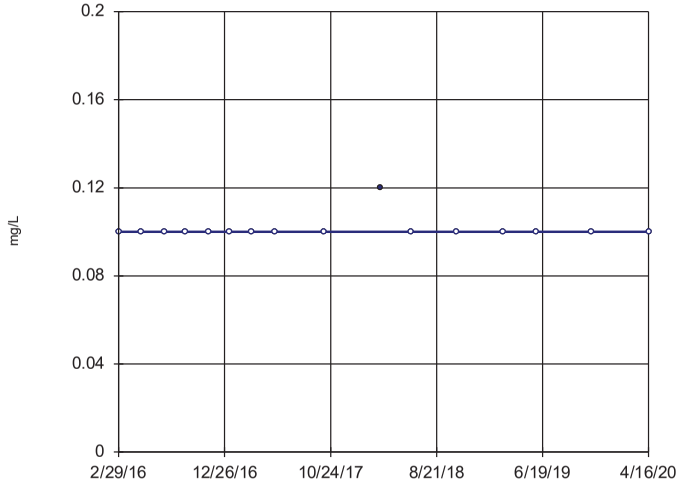
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 3
critical = 58

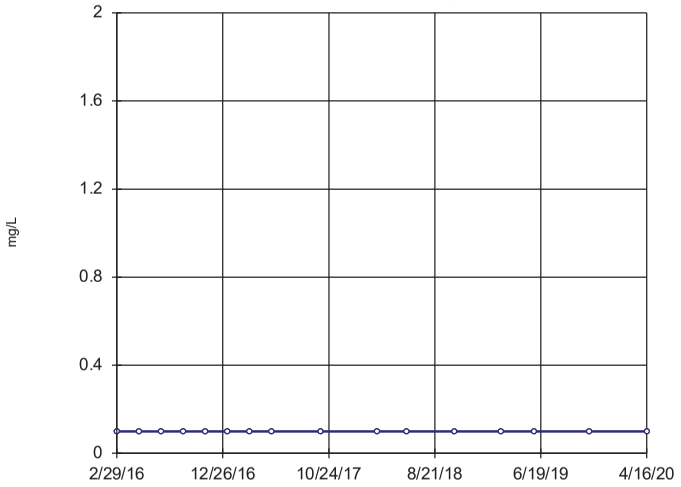
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

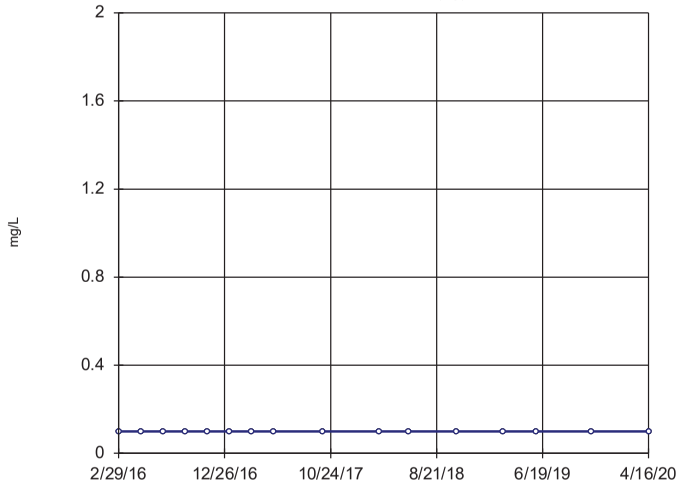
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

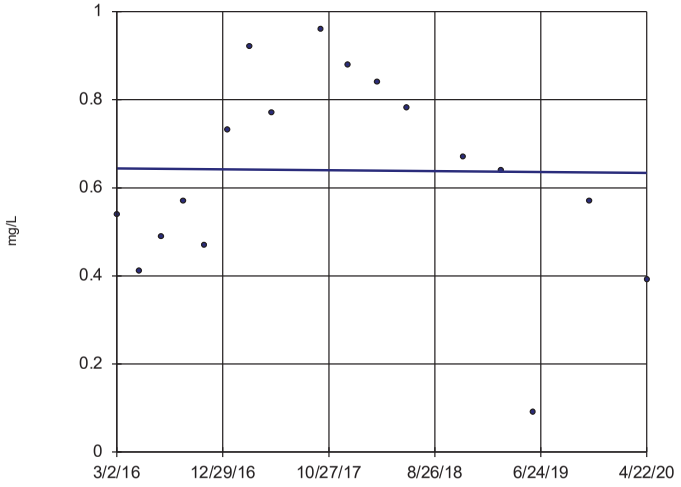
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 17

Slope = -0.002519 units per year.

Mann-Kendall statistic = -1
critical = -63

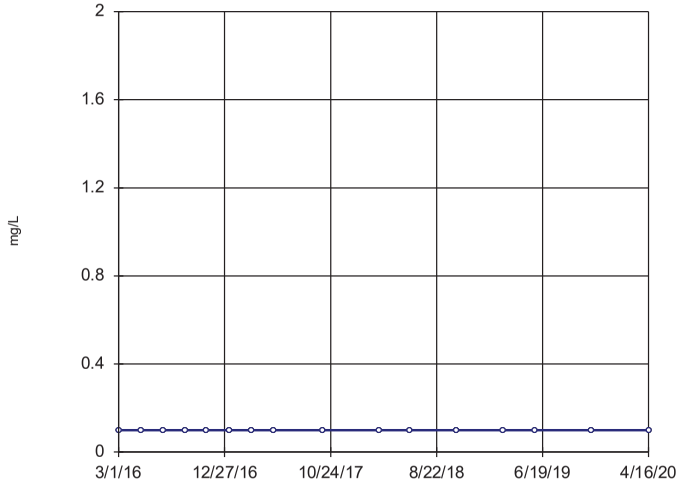
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

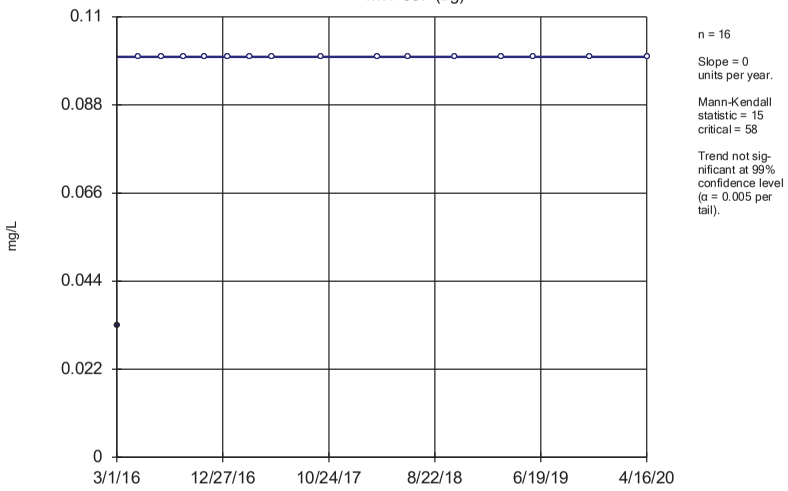
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

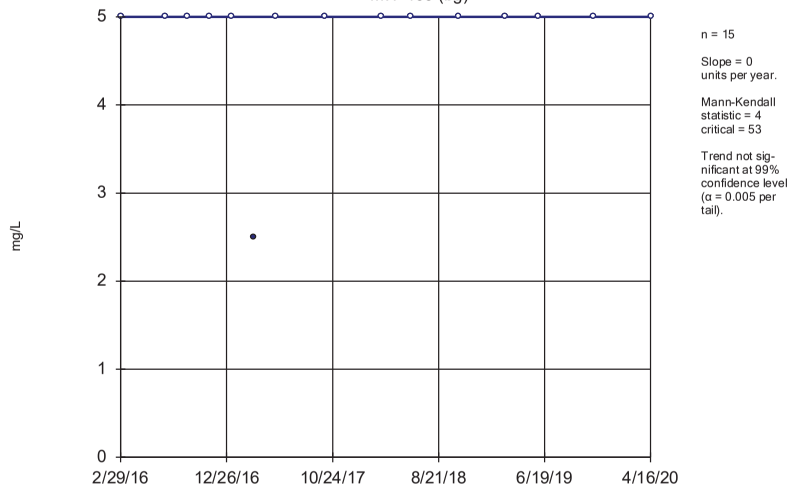


Constituent: Fluoride Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

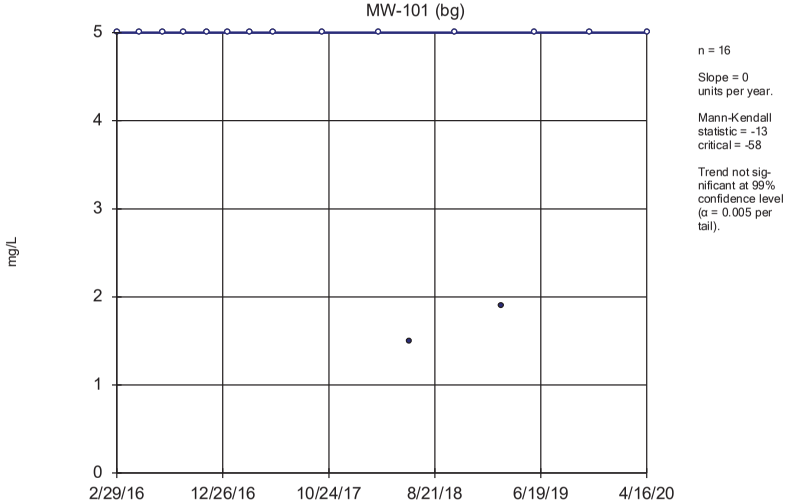


Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

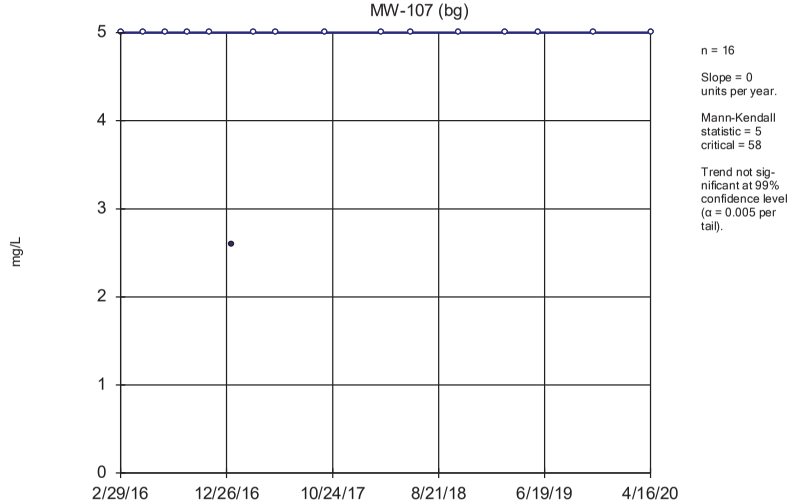


Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

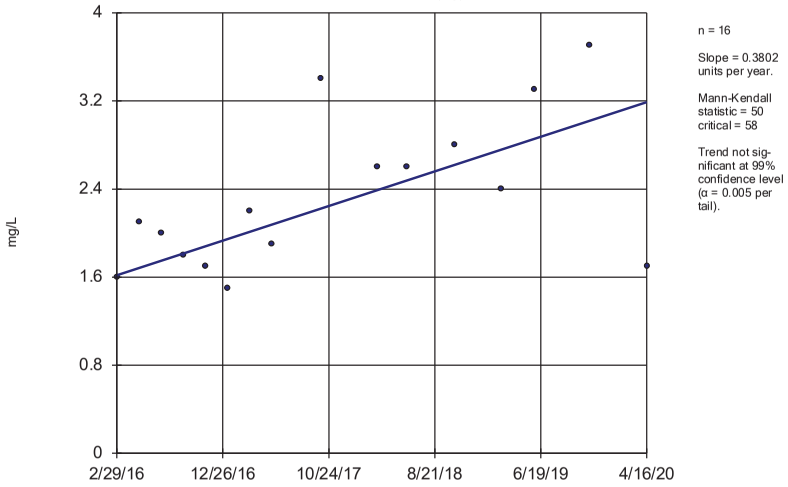
MW-107 (bg)



Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0.3802 units per year.

Mann-Kendall statistic = 50
critical = 58

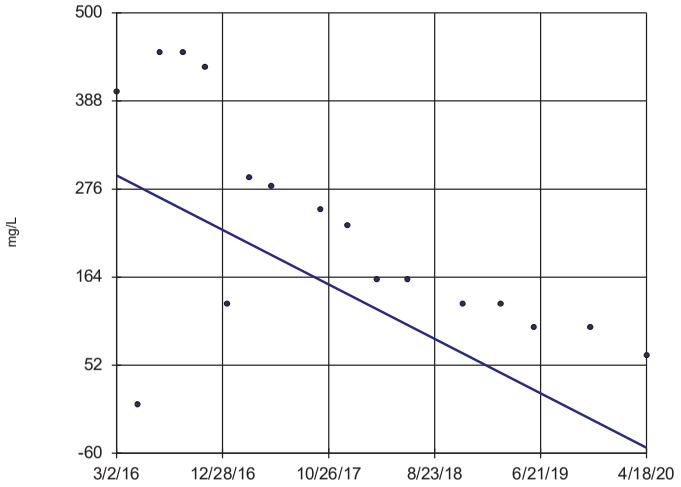
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 17

Slope = -83.88 units per year.

Mann-Kendall statistic = -82
critical = -63

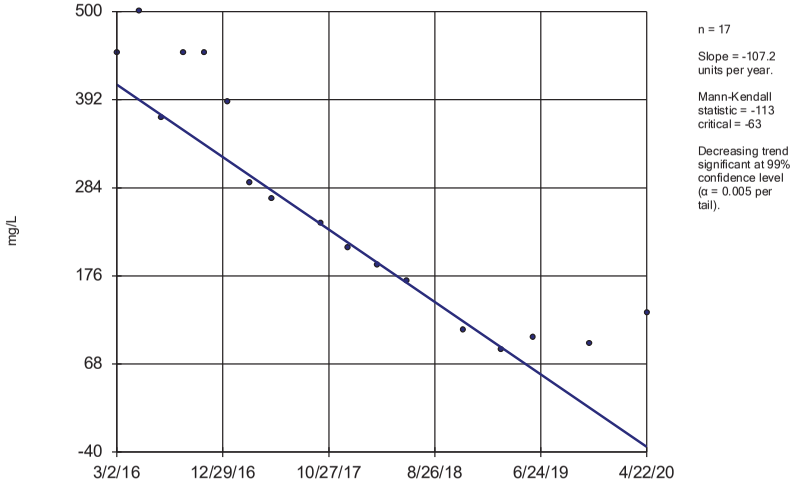
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 17

Slope = -107.2 units per year.

Mann-Kendall statistic = -113
critical = -63

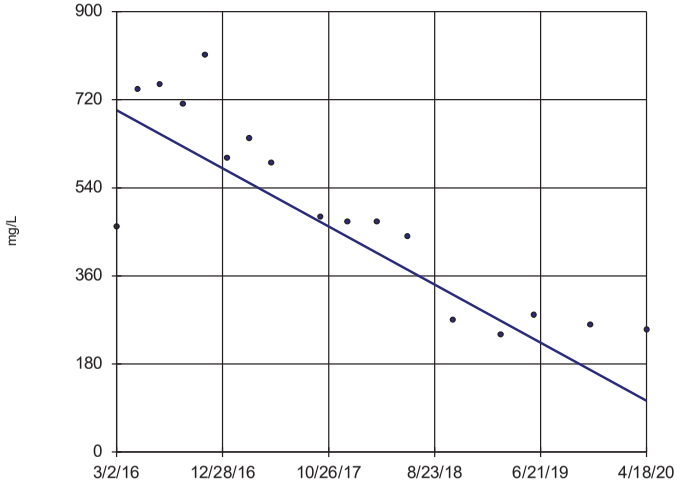
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 17

Slope = -143.7 units per year.

Mann-Kendall statistic = -97
critical = -63

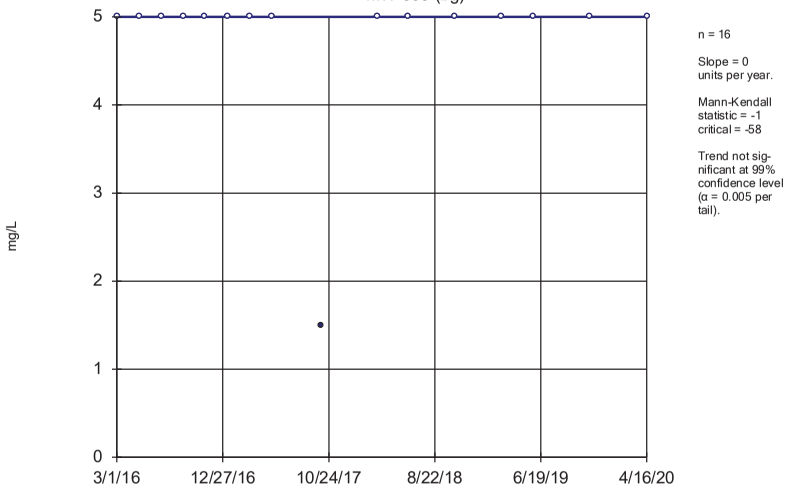
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

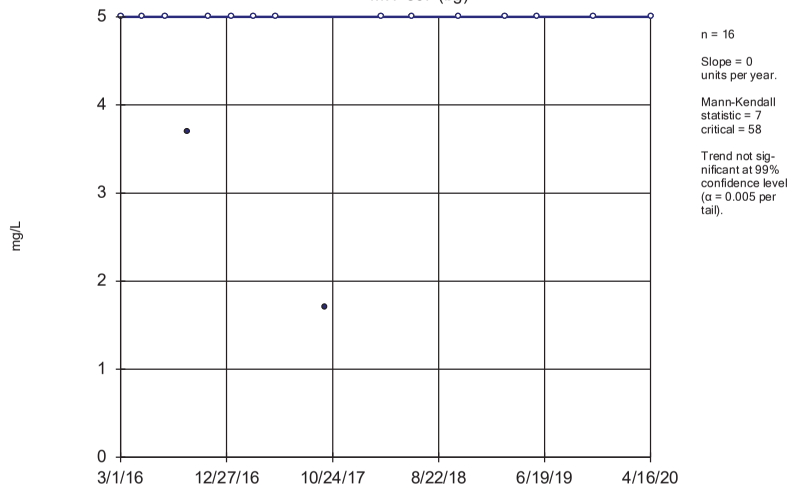


Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

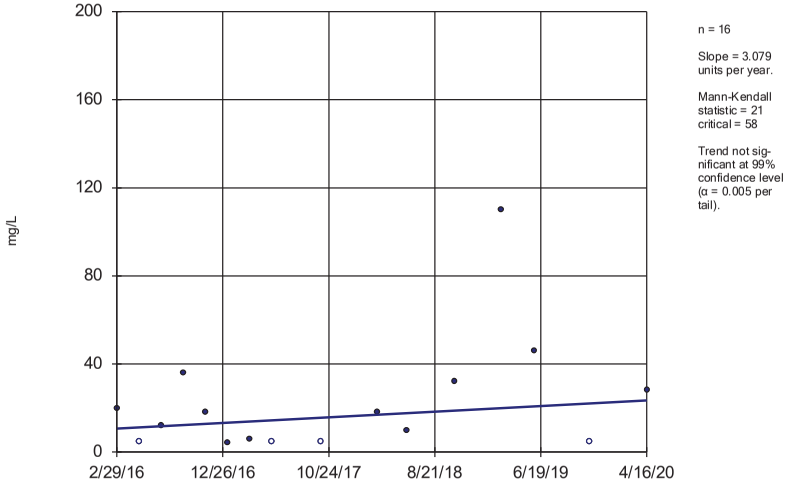


Constituent: Sulfate Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

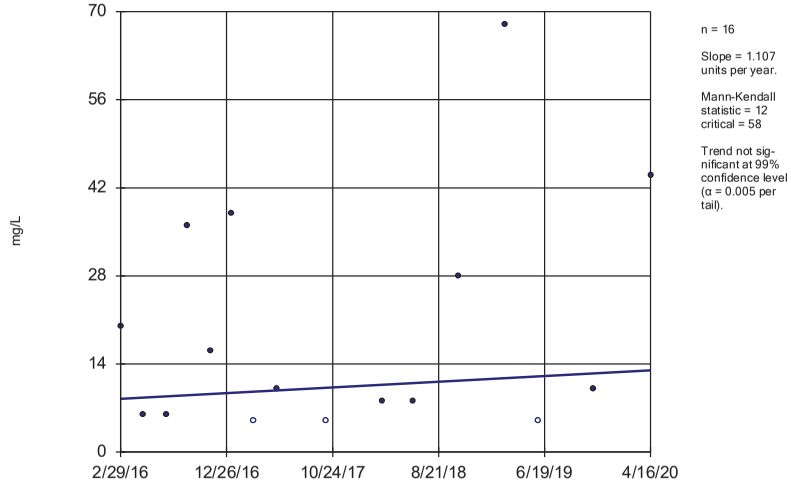


Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

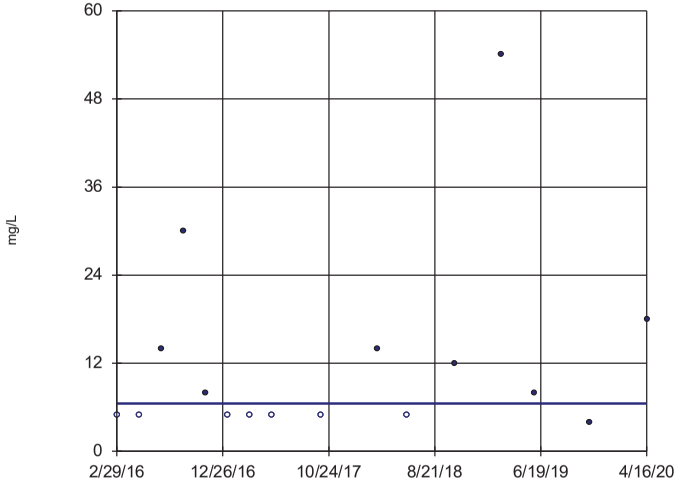


Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 11
critical = 58

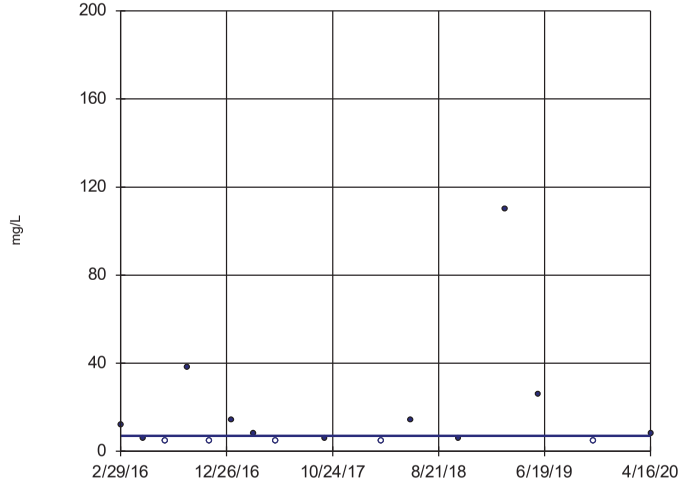
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 7
critical = 58

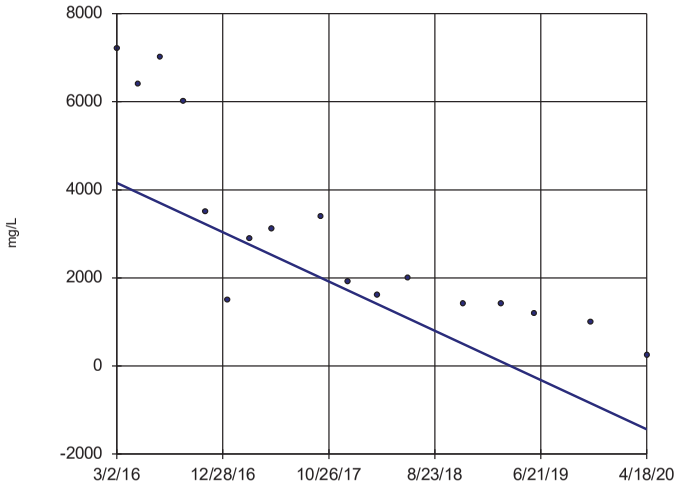
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 17

Slope = -1353 units per year.

Mann-Kendall statistic = -111
critical = -63

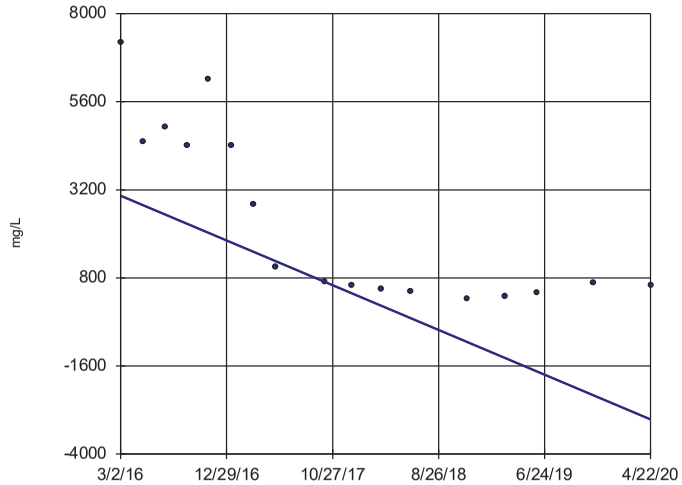
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 17

Slope = -1471 units per year.

Mann-Kendall statistic = -97
critical = -63

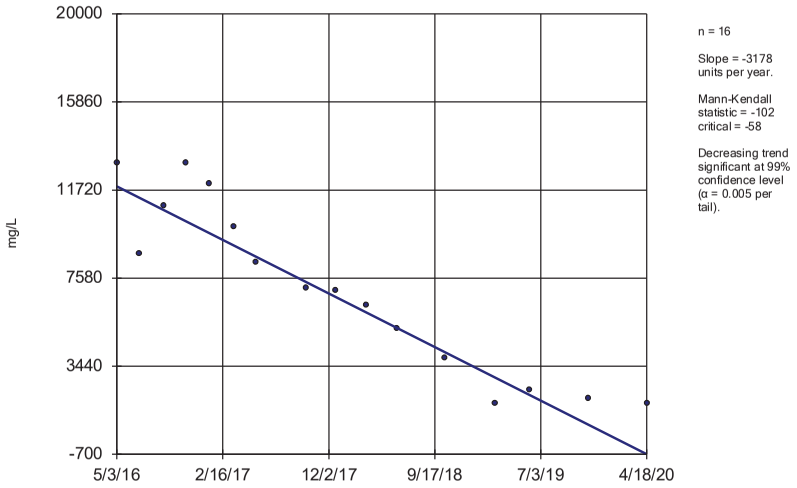
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

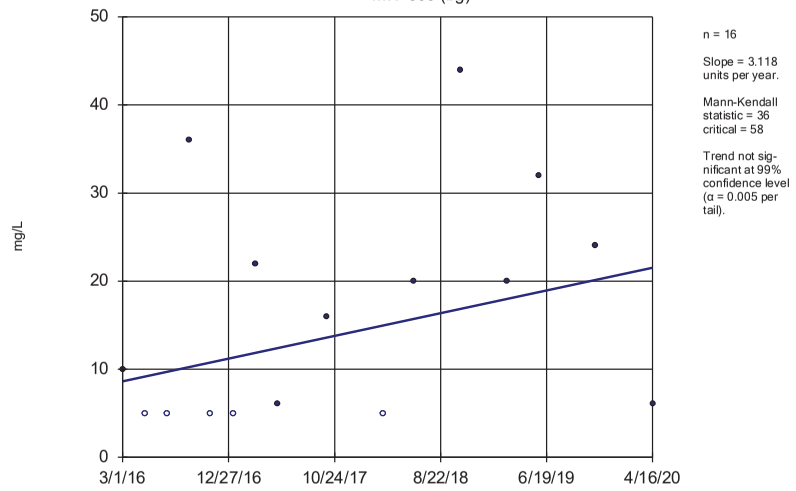
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

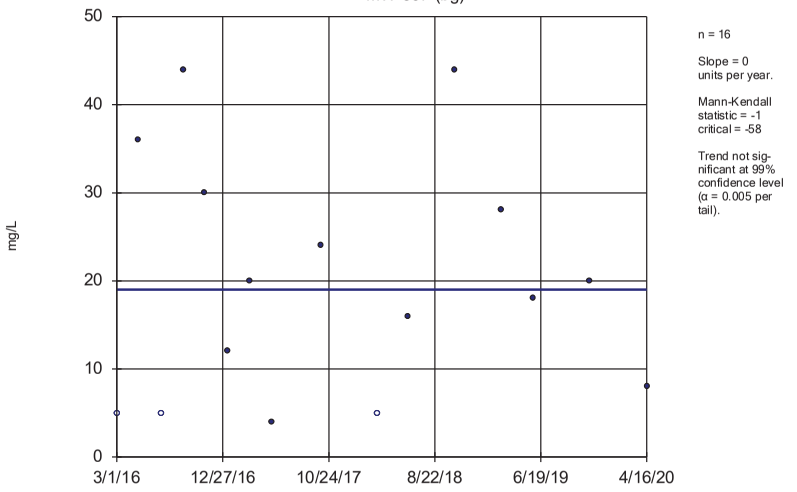
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:20 AM View: 200 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

300 Series

Appendix III Trend Tests - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:37 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-303**	**0.05703**	**97**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.03056**	**83**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-34.45**	**-87**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:37 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-27	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-20	-58	No	16	81.25	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-29	-58	No	16	75	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.2903	19	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.3999	55	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-29	-58	No	16	87.5	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.6205	-32	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03779	33	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.03287	-44	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03716	-36	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.03799	26	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-303	3.624	26	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	-8.423	-31	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	-0.005864	-14	-58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.172**	**-83**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-4.426	-38	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-100 (bg)	0.2918	52	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-101 (bg)	0.1782	37	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.08844	-24	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2144	-50	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0.01493	7	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	5.851	22	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	0.474	3	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.1902	26	63	No	17	5.882	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2217	46	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.09845	30	58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	5.492	17	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01982	-10	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.04551	-14	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.02111	-3	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	5	53	No	15	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.03406	-23	-58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1571**	**-71**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-308	0.1616	50	63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	3	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-303**	**0.05703**	**97**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-306 (bg)	0	0	58	No	16	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	15	58	No	16	93.75	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.03056**	**83**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	4	53	No	15	93.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-13	-58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3802	50	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-303	6.882	12	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-18.4	-17	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-1	-58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	7	58	No	16	87.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-34.45**	**-87**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.079	21	58	No	16	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.107	12	58	No	16	18.75	n/a	n/a	0.01	NP

Appendix III Trend Tests - 300 Series Wells - All Results

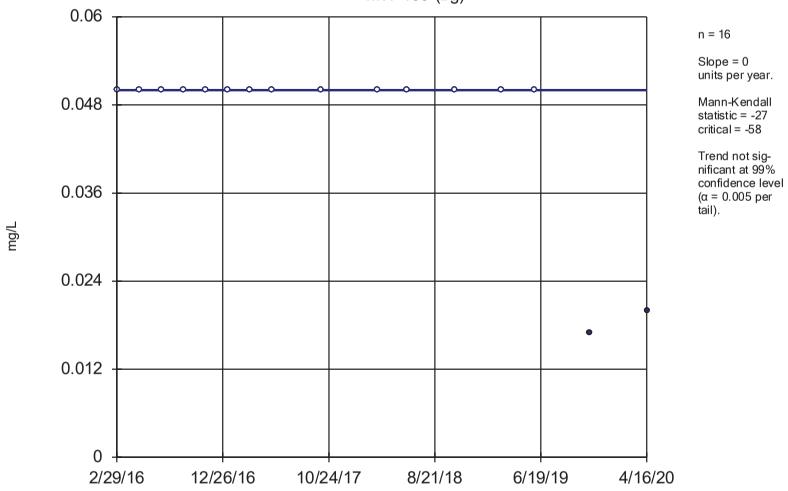
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:37 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Dissolved Solids (mg/L)	MW-107 (bg)	0	11	58	No	16	43.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0	7	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	6.861	3	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-46.34	-17	-63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.118	36	58	No	16	31.25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-58	No	16	18.75	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-43.33	-44	-63	No	17	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

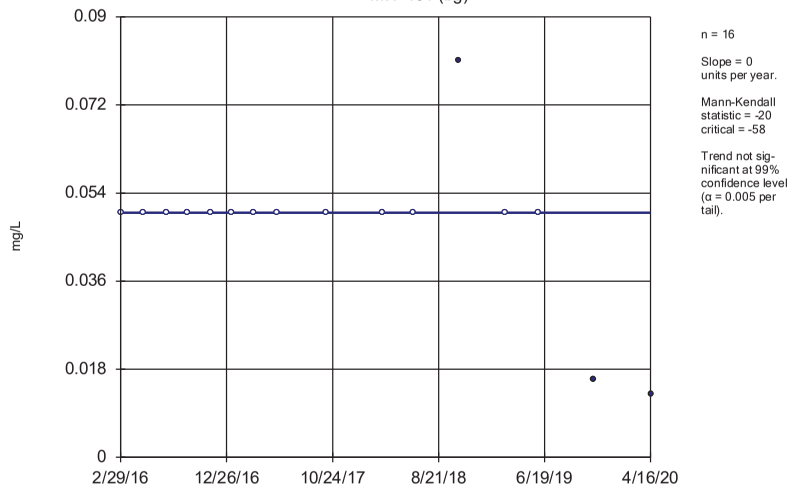


Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

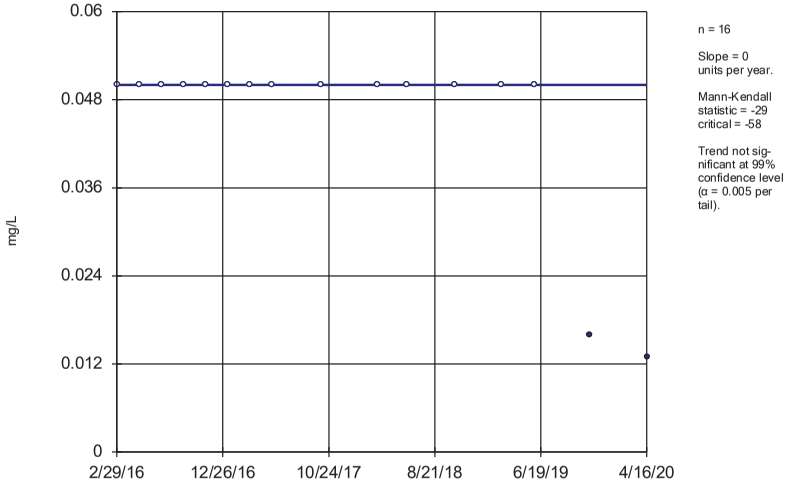


Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

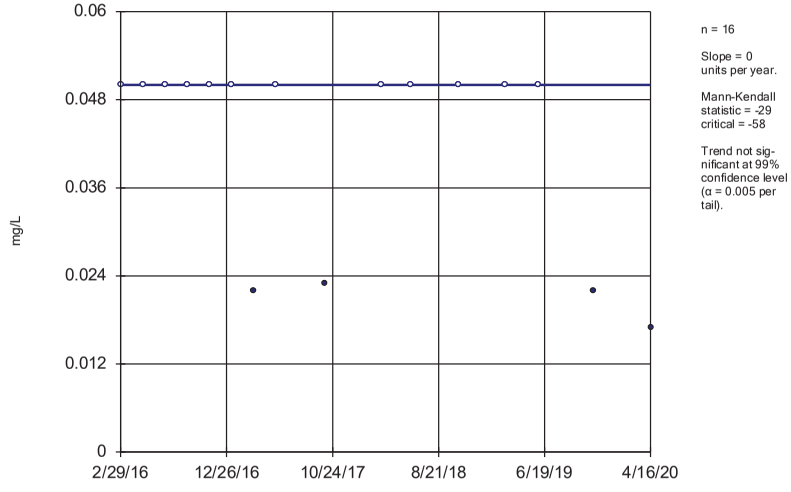


Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

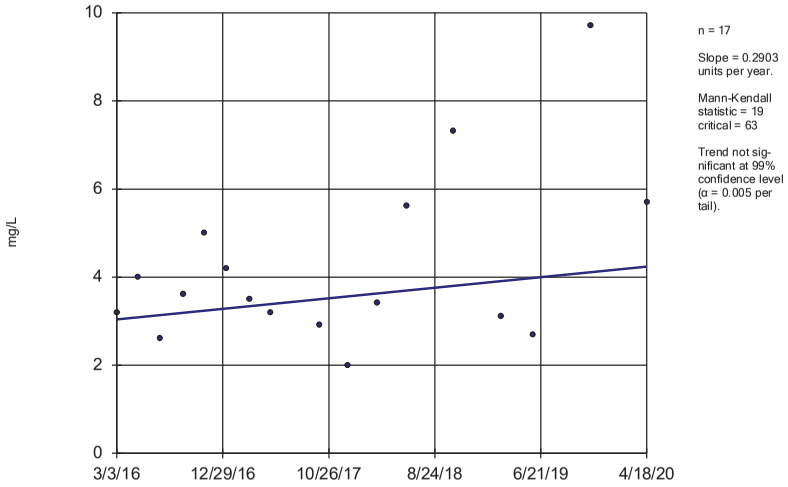


Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



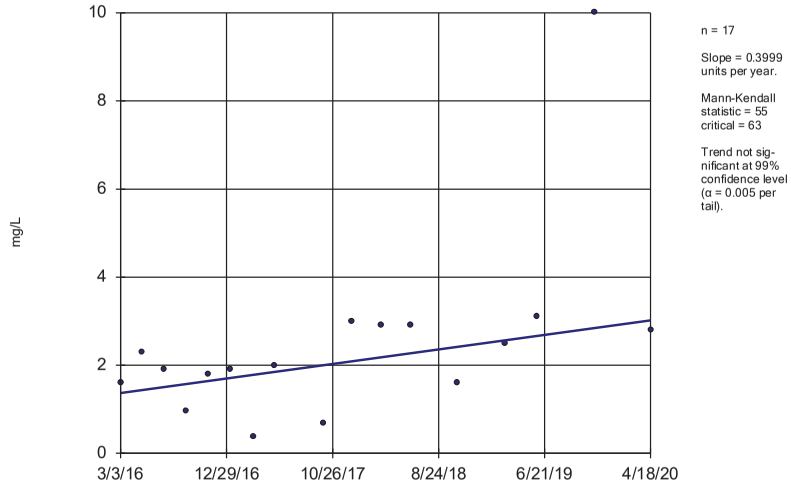
Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

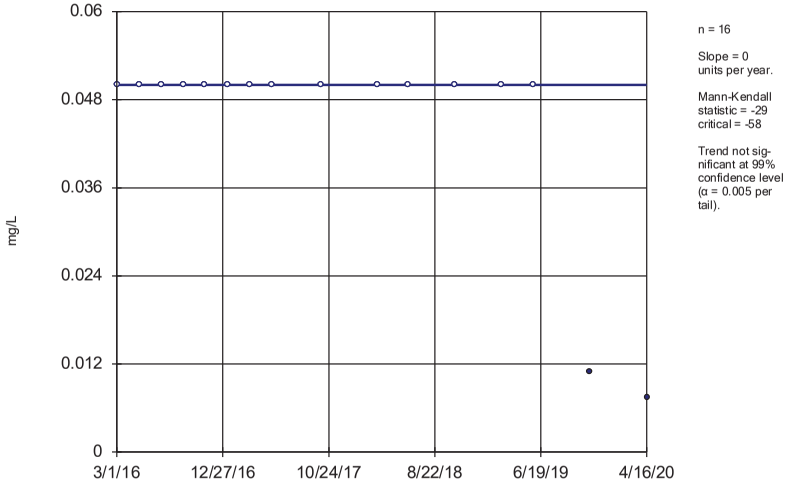
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

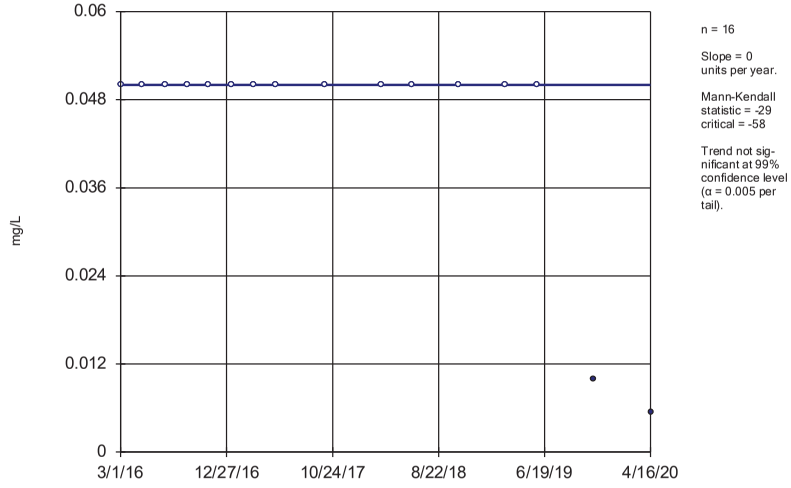
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

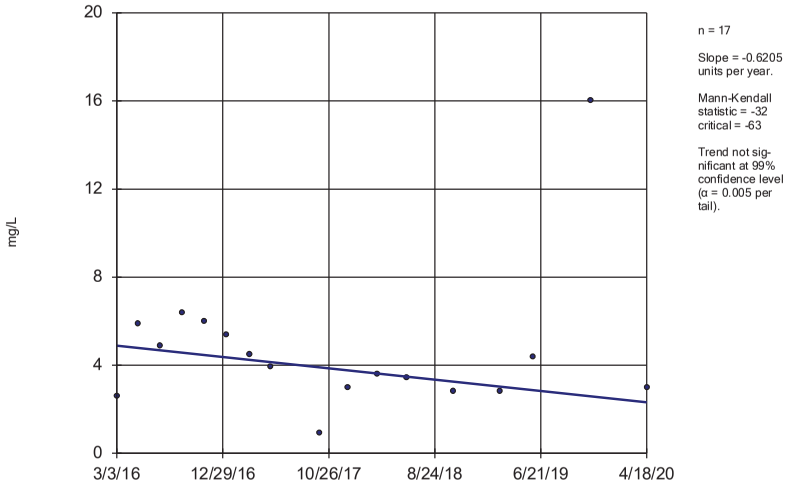


Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-308



n = 17

Slope = -0.6205 units per year.

Mann-Kendall statistic = -32
critical = -63

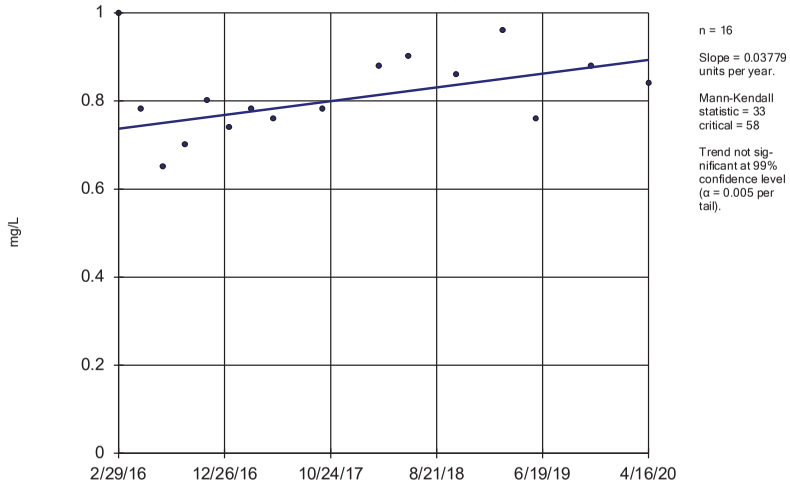
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0.03779 units per year.

Mann-Kendall statistic = 33
critical = 58

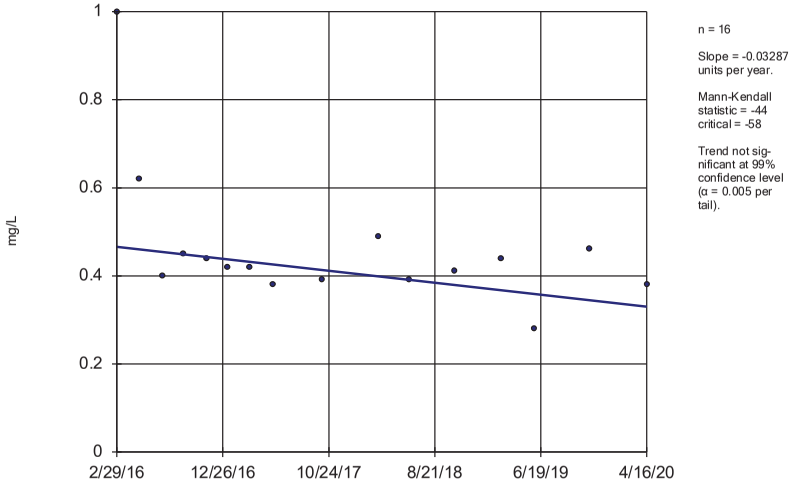
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = -0.03287 units per year.

Mann-Kendall statistic = -44
critical = -58

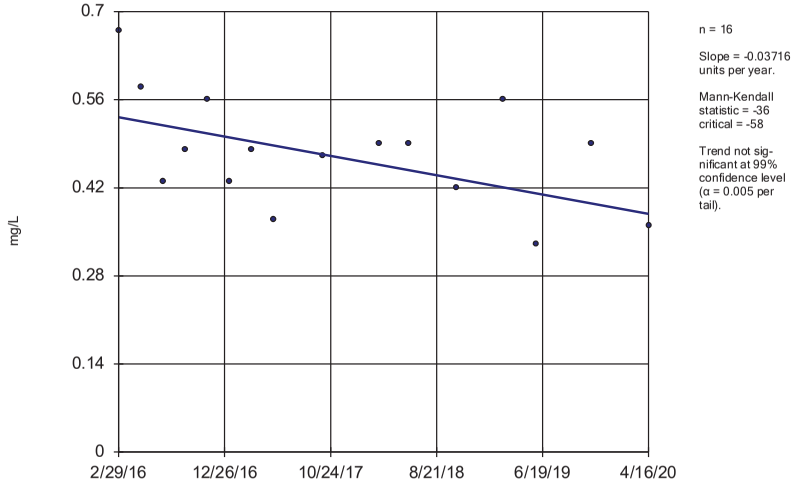
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = -0.03716 units per year.

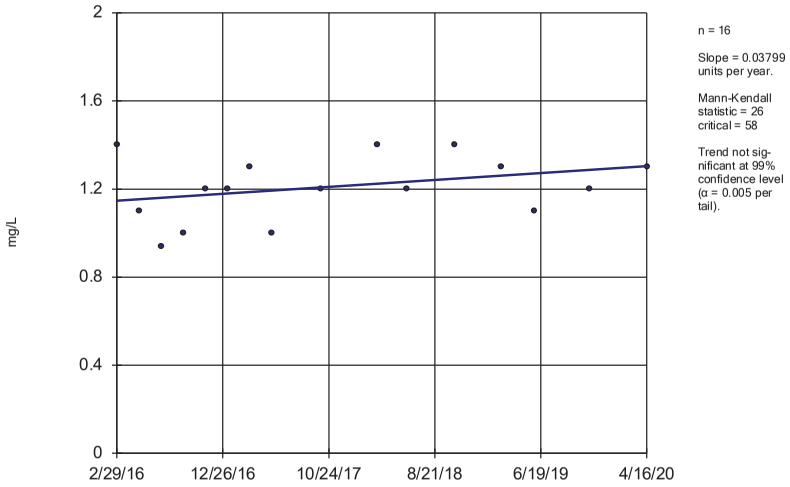
Mann-Kendall statistic = -36
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0.03799 units per year.

Mann-Kendall statistic = 26
critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

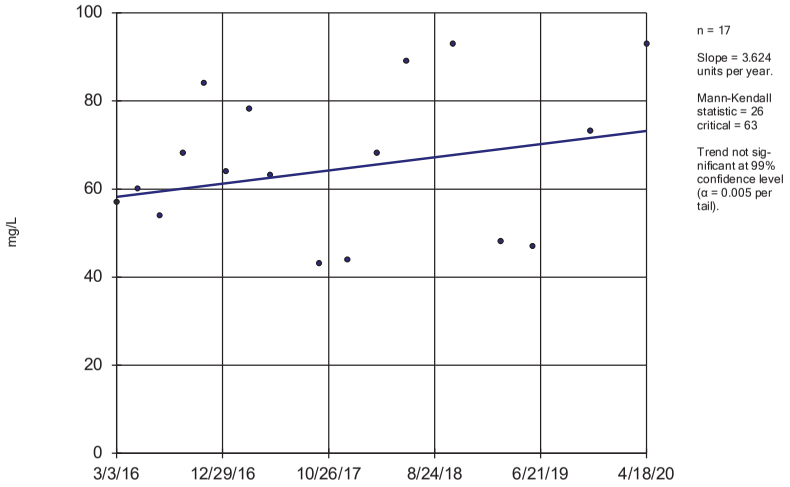
Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 17

Slope = 3.624 units per year.

Mann-Kendall statistic = 26
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

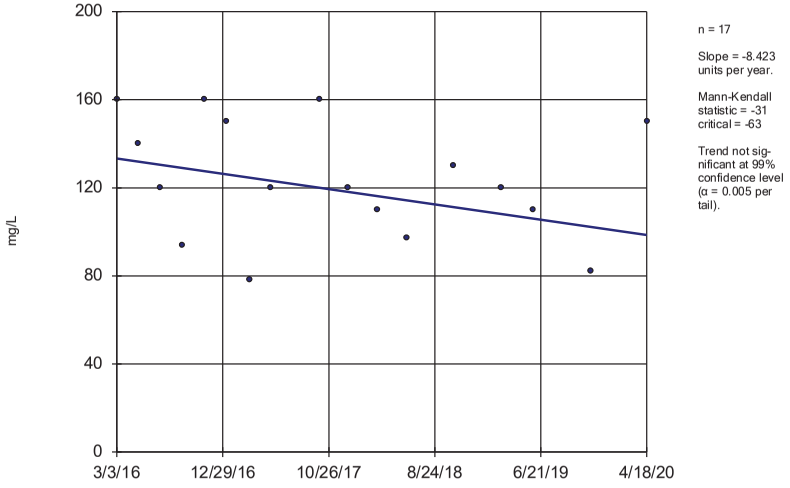
Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 17

Slope = -8.423 units per year.

Mann-Kendall statistic = -31
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

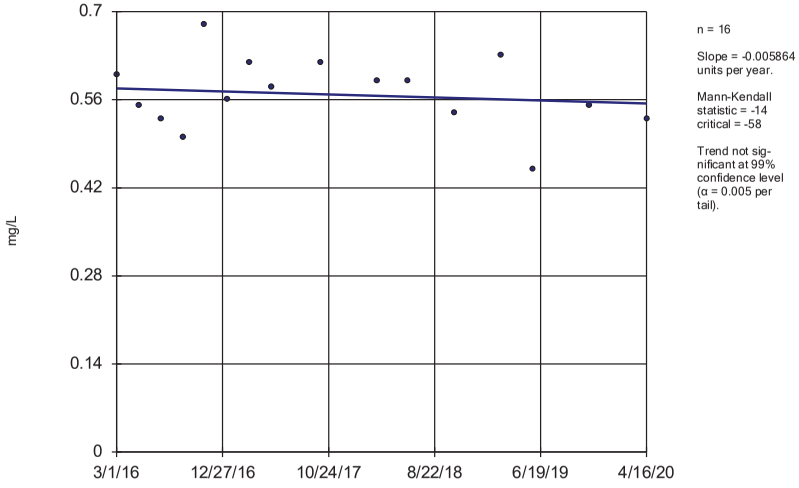
Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = -0.005864 units per year.

Mann-Kendall statistic = -14
critical = -58

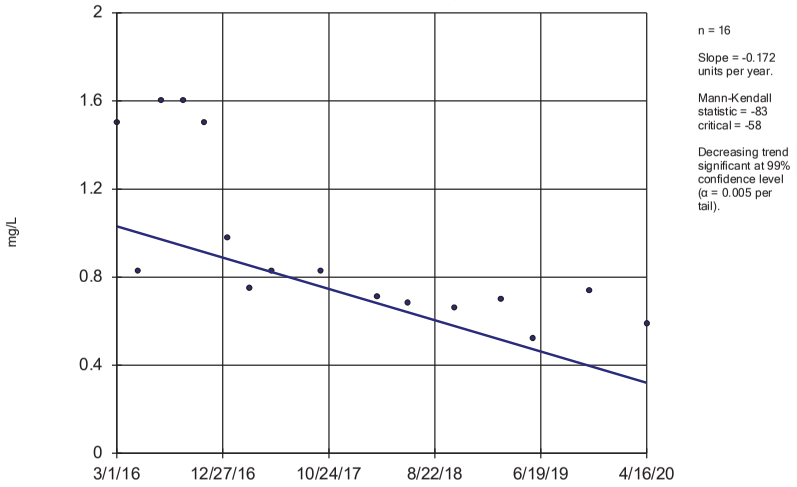
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = -0.172 units per year.

Mann-Kendall statistic = -83
critical = -58

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

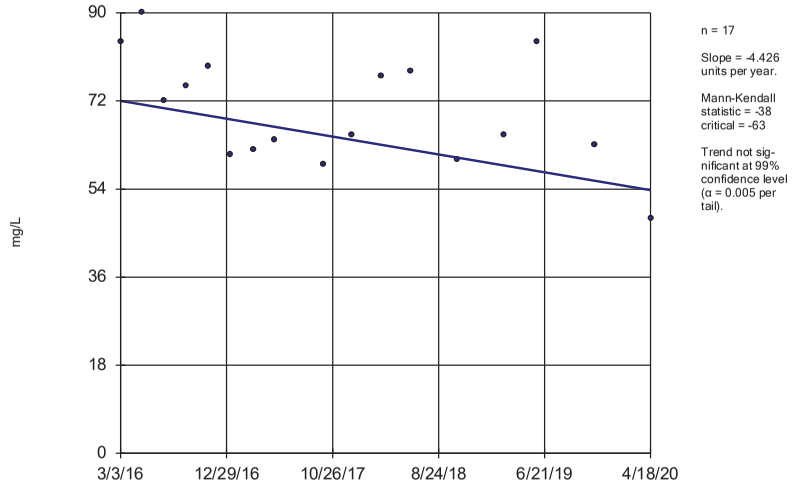
Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



n = 17

Slope = -4.426 units per year.

Mann-Kendall statistic = -38
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

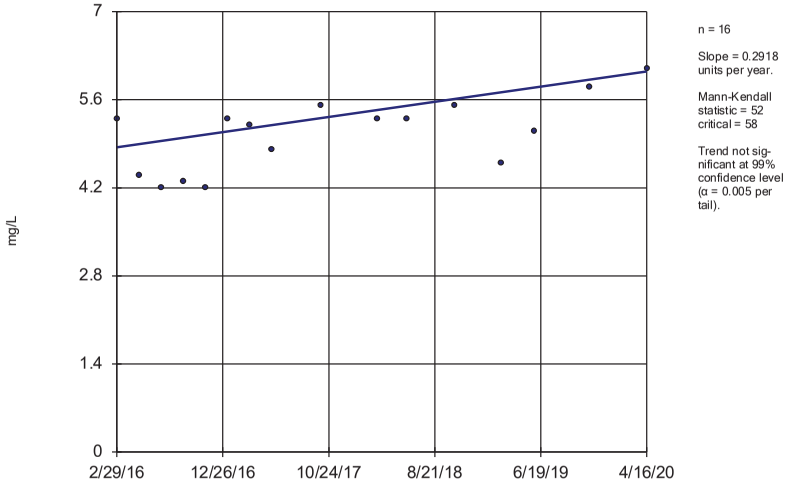
Constituent: Calcium Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0.2918 units per year.

Mann-Kendall statistic = 52
critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

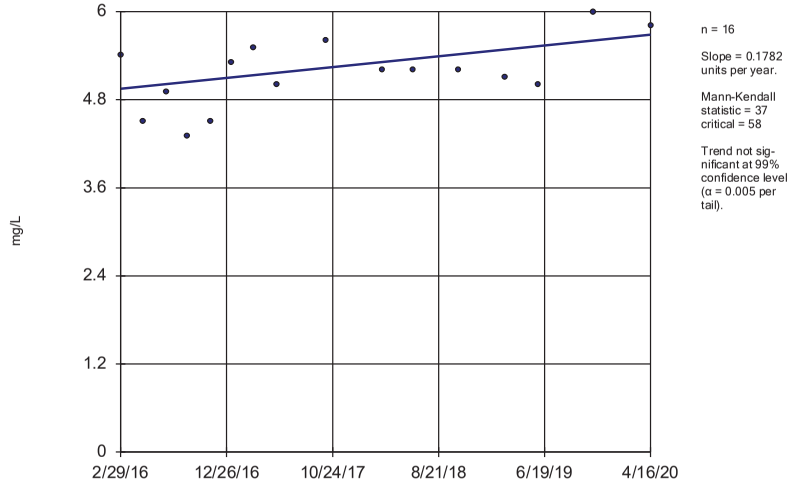
Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 16

Slope = 0.1782 units per year.

Mann-Kendall statistic = 37
critical = 58

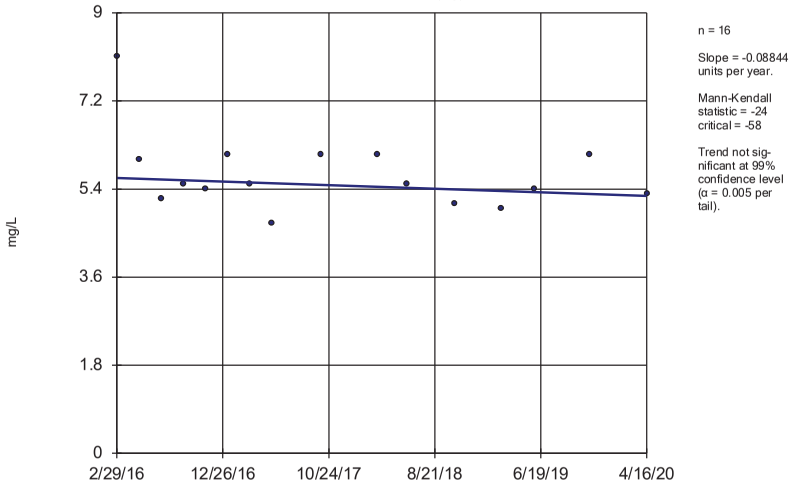
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 16

Slope = -0.08844 units per year.

Mann-Kendall statistic = -24
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

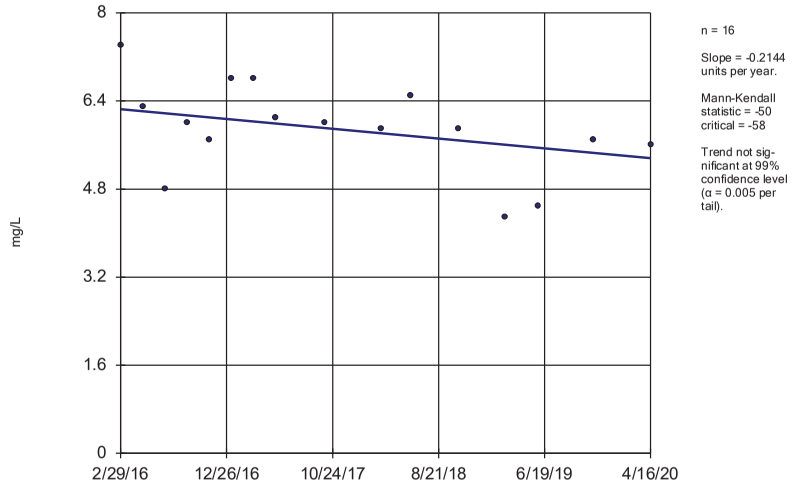
Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = -0.2144 units per year.

Mann-Kendall statistic = -50
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

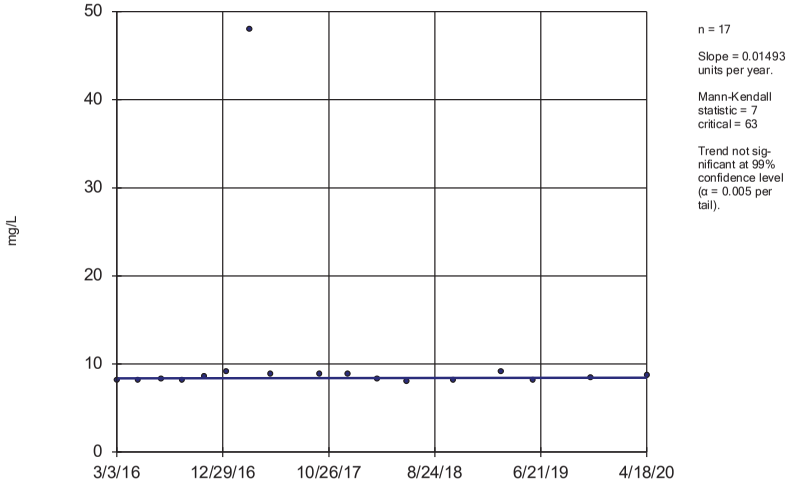
Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-300



n = 17

Slope = 0.01493 units per year.

Mann-Kendall statistic = 7
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

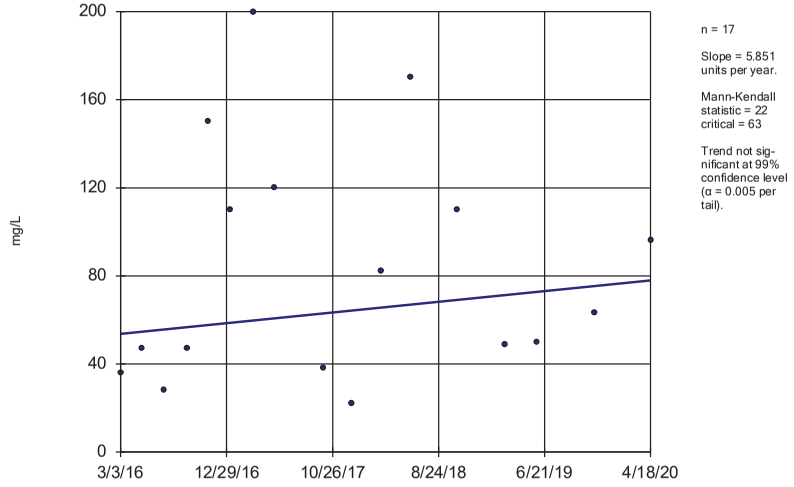
Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 17

Slope = 5.851 units per year.

Mann-Kendall statistic = 22
critical = 63

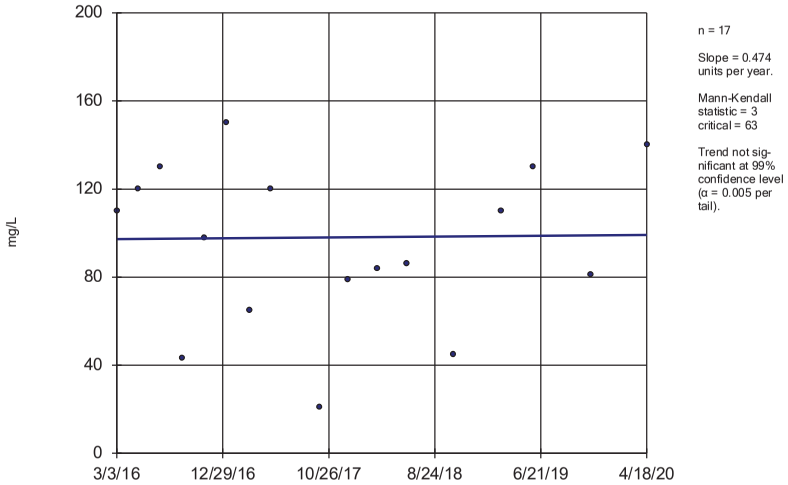
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-304



n = 17

Slope = 0.474 units per year.

Mann-Kendall statistic = 3
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

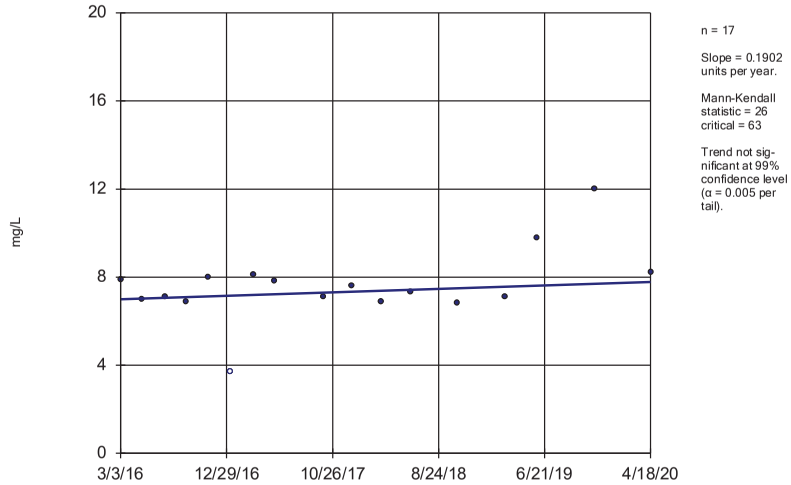
Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 17

Slope = 0.1902 units per year.

Mann-Kendall statistic = 26
critical = 63

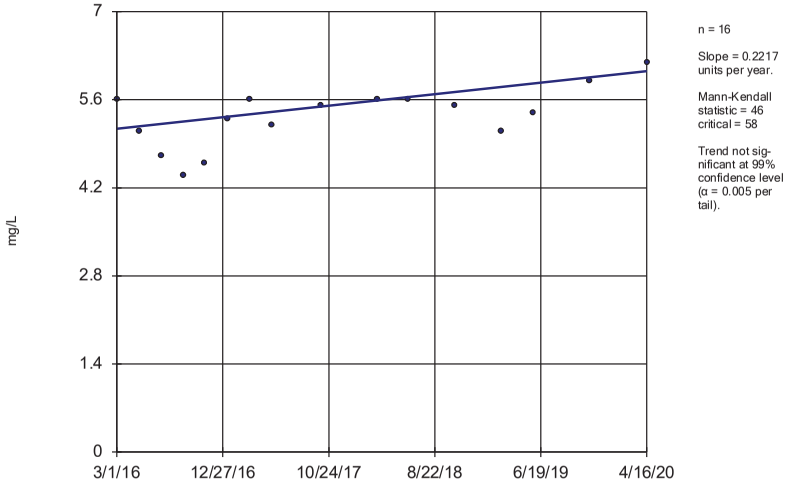
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = 0.2217 units per year.

Mann-Kendall statistic = 46
critical = 58

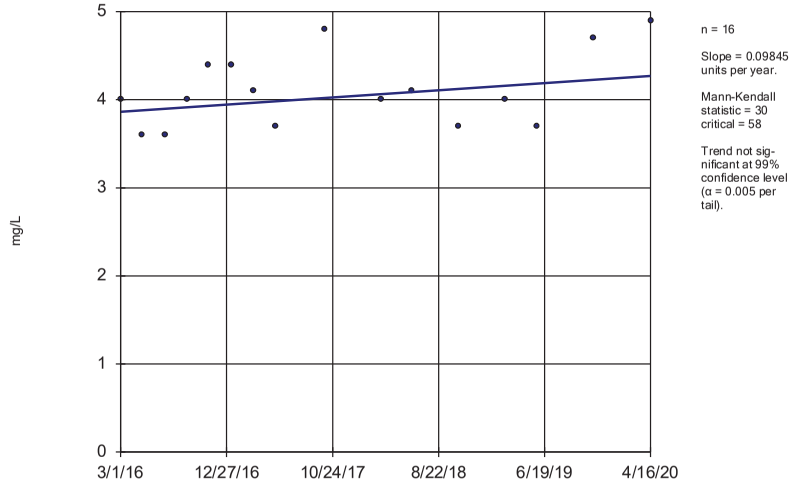
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = 0.09845 units per year.

Mann-Kendall statistic = 30
critical = 58

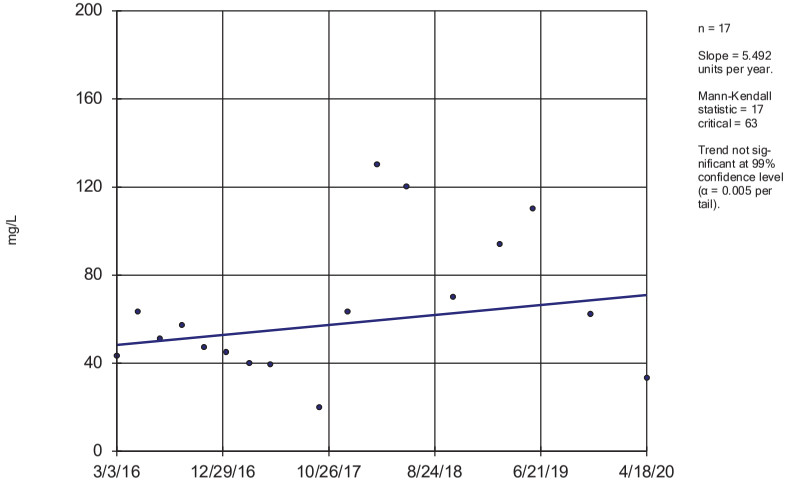
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-308



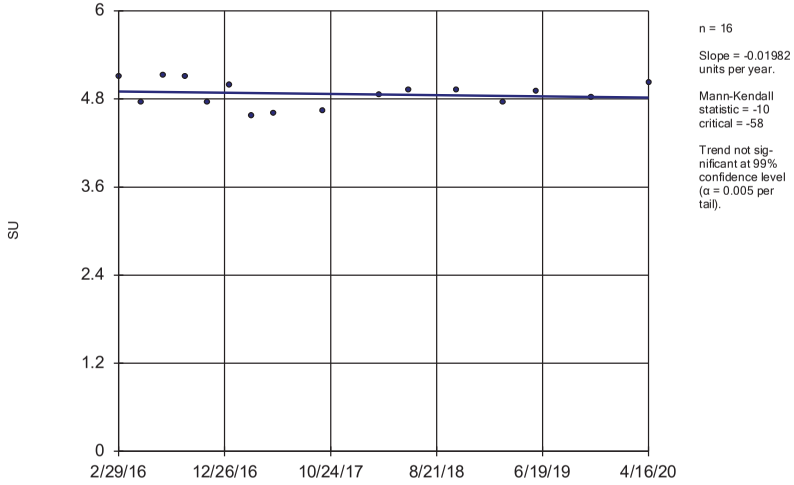
Constituent: Chloride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



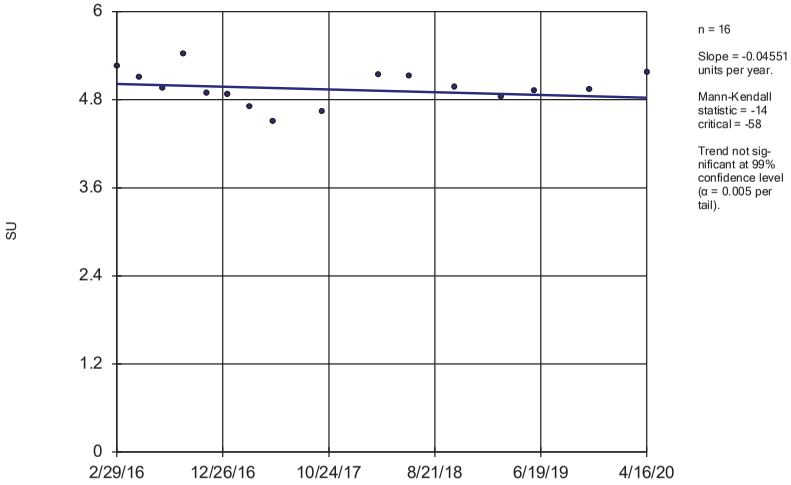
Constituent: Field pH Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



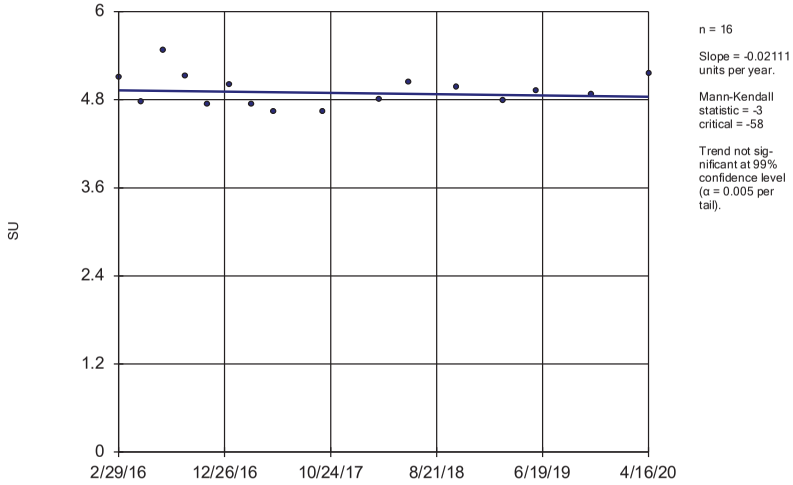
Constituent: Field pH Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)

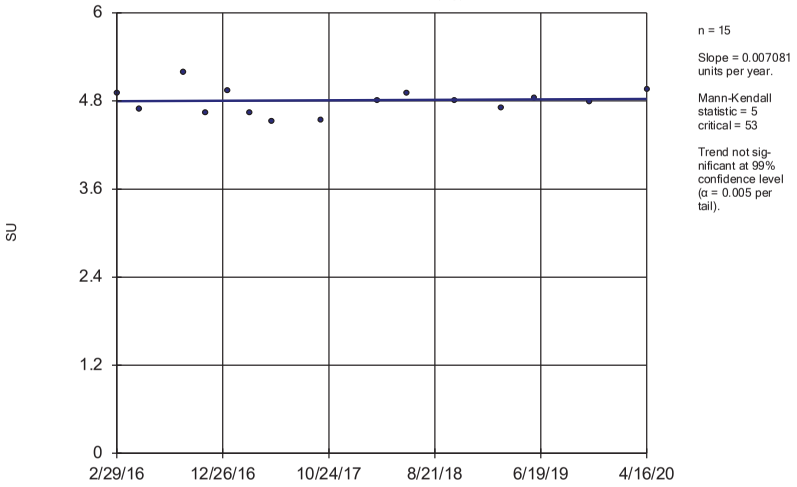


Constituent: Field pH Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 15

Slope = 0.007081 units per year.

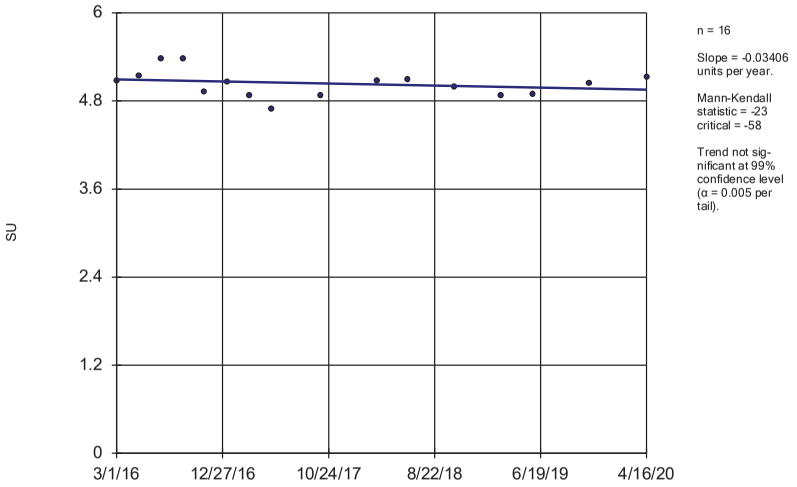
Mann-Kendall statistic = 5
critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = -0.03406 units per year.

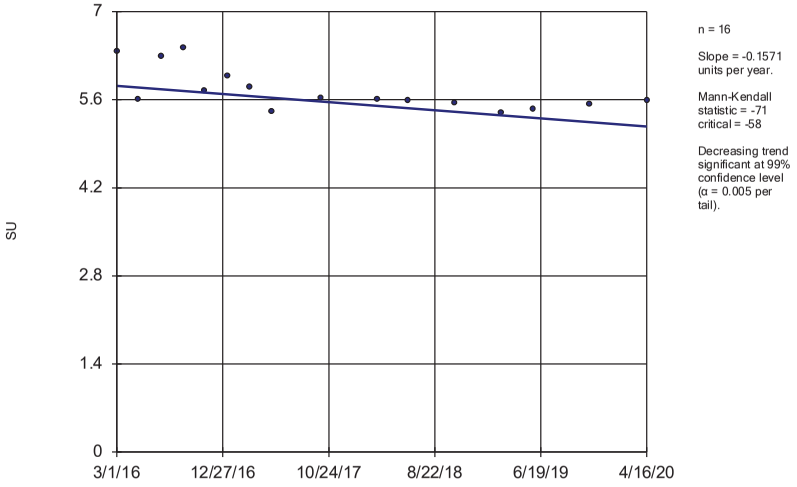
Mann-Kendall statistic = -23
critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = -0.1571 units per year.

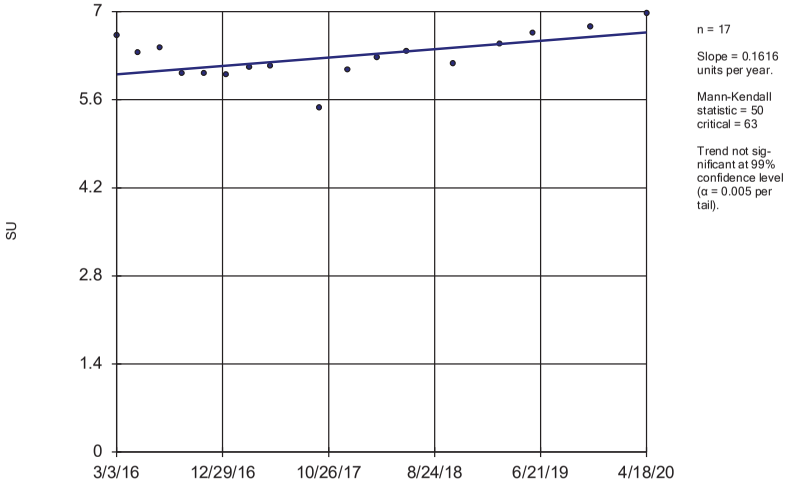
Mann-Kendall statistic = -71
critical = -58

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-308



n = 17

Slope = 0.1616 units per year.

Mann-Kendall statistic = 50
critical = 63

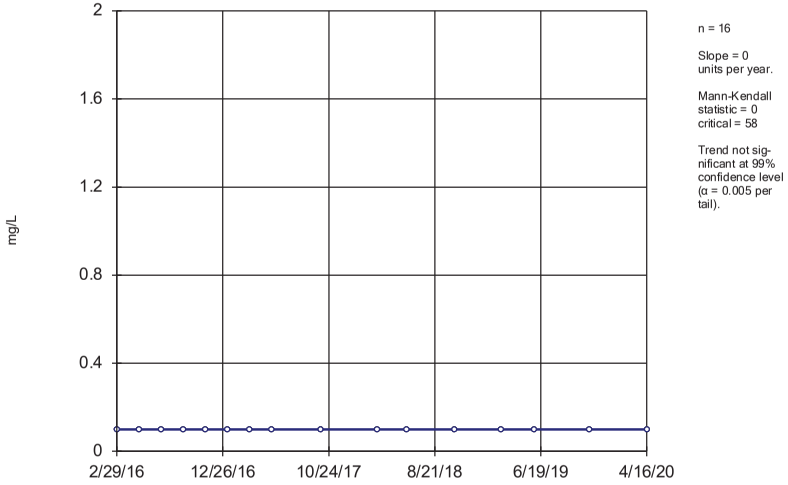
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

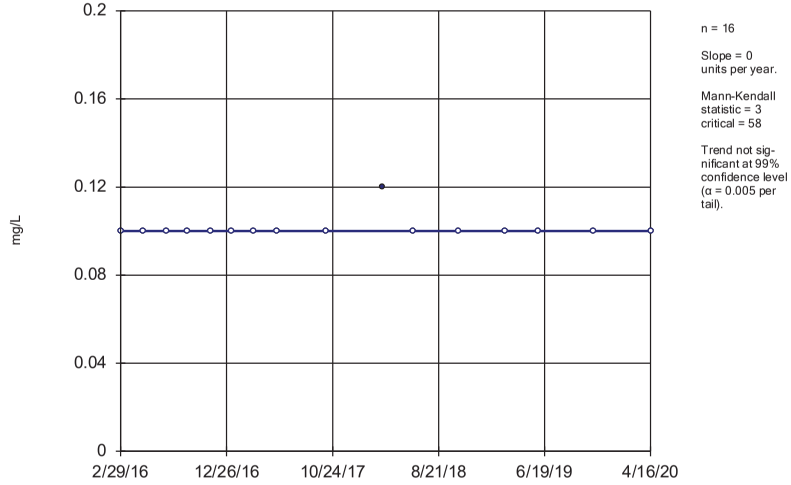


Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

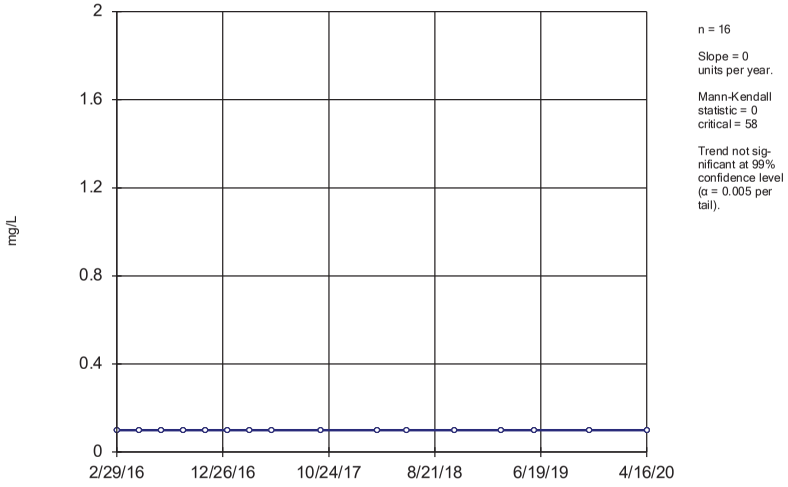


Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

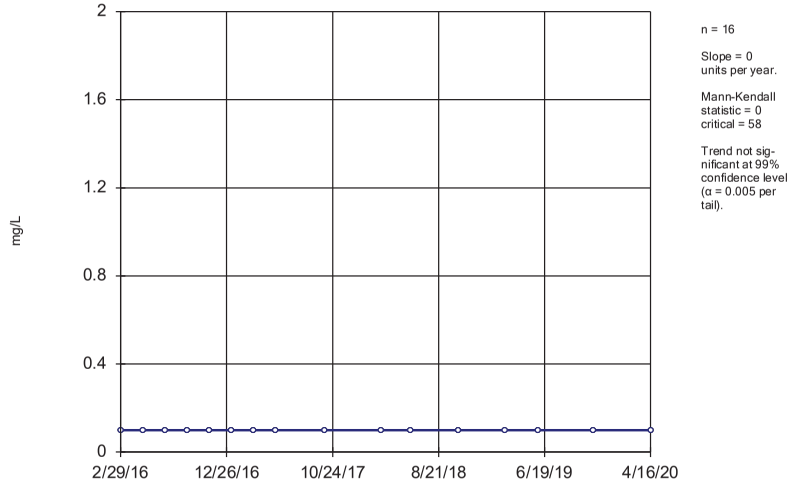


Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

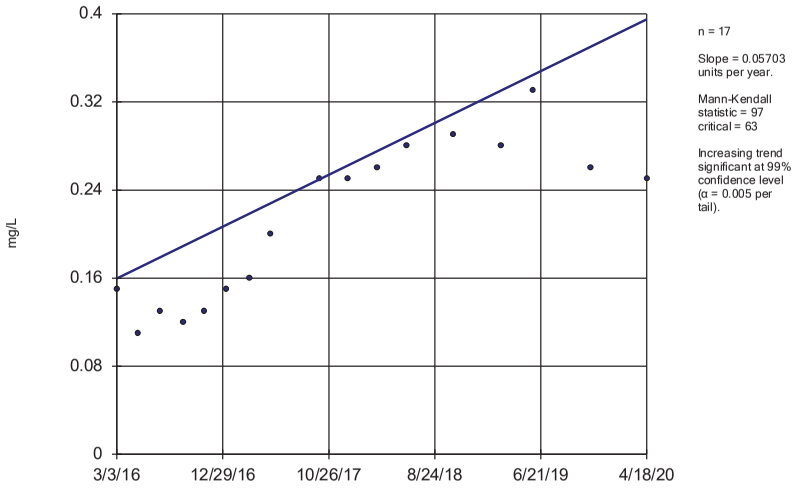


Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 17

Slope = 0.05703 units per year.

Mann-Kendall statistic = 97
critical = 63

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

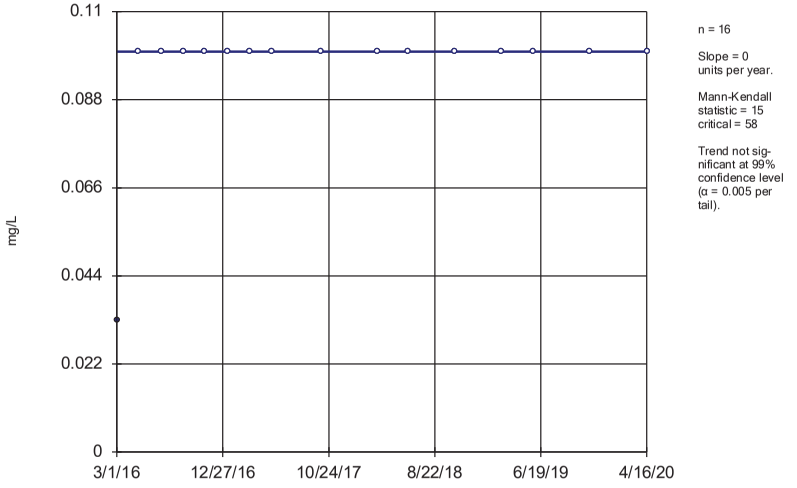
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 15
critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

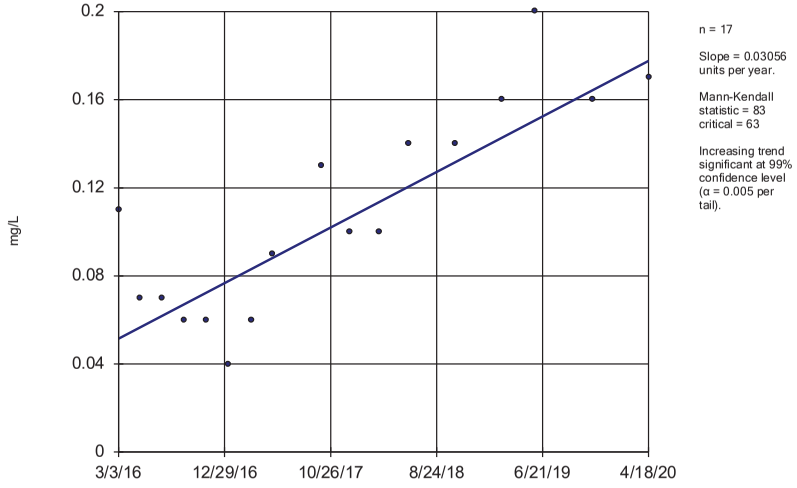
Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



n = 17

Slope = 0.03056 units per year.

Mann-Kendall statistic = 83
critical = 63

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

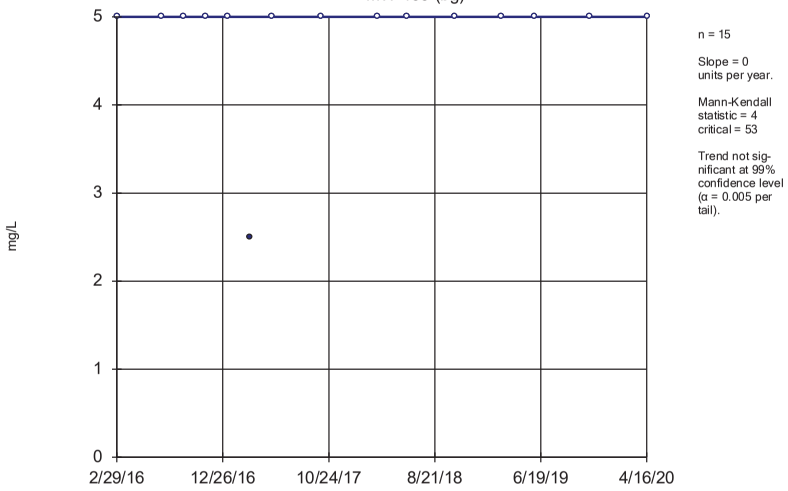
Constituent: Fluoride Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

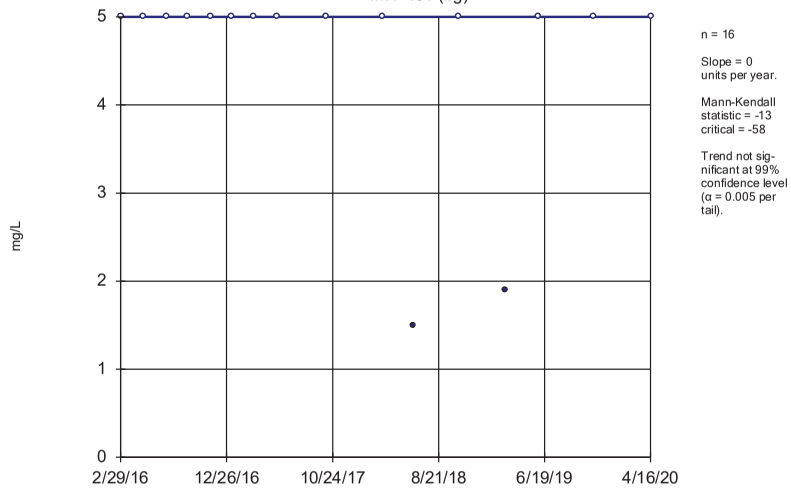


Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

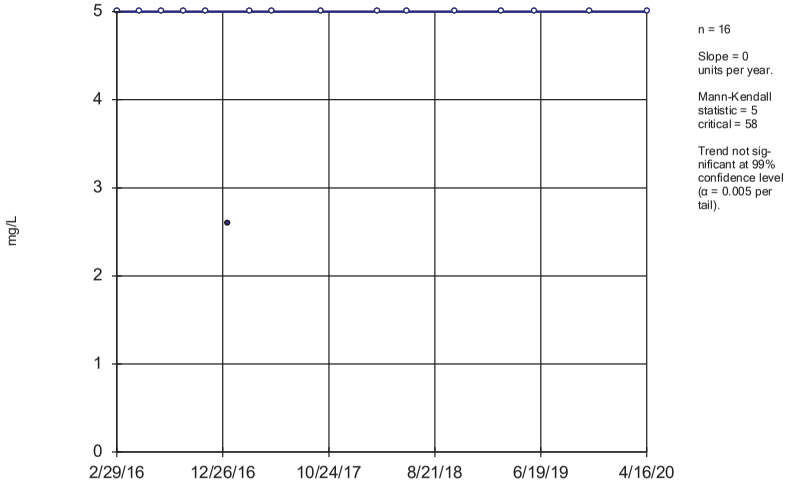


Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

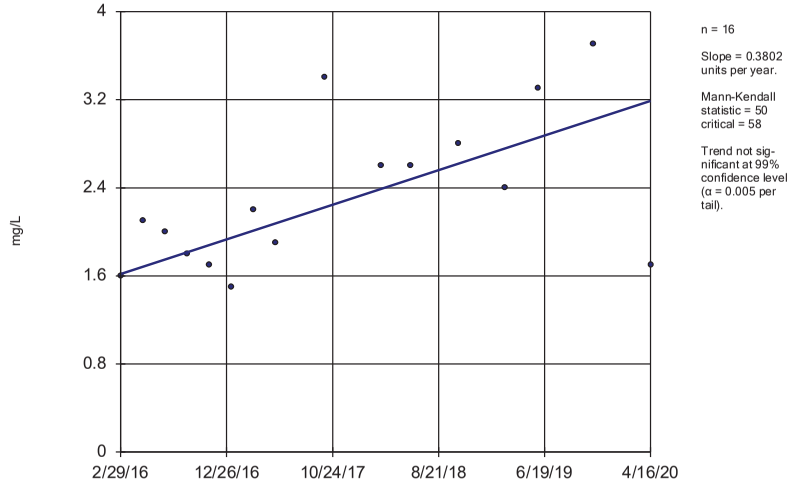


Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

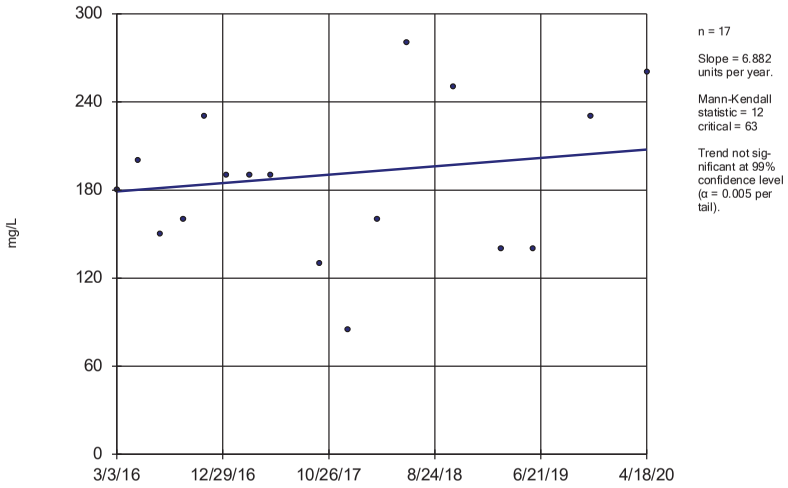
MW-108 (bg)



Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-303



n = 17

Slope = 6.882 units per year.

Mann-Kendall statistic = 12 critical = 63

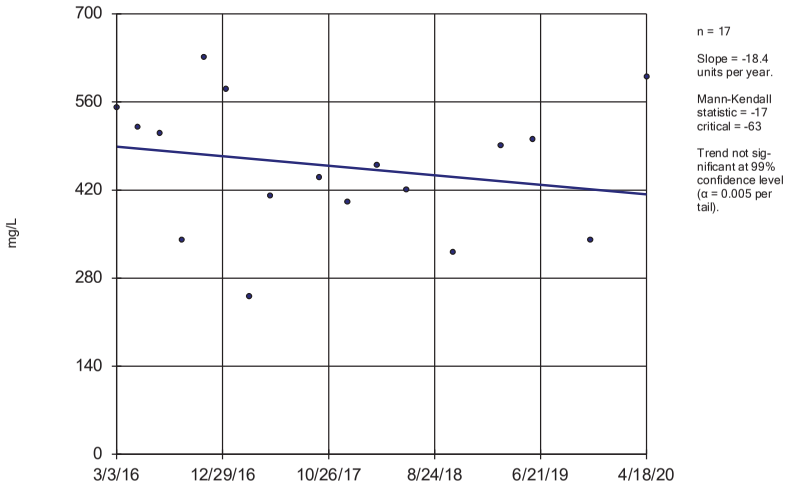
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-304



n = 17

Slope = -18.4 units per year.

Mann-Kendall statistic = -17 critical = -63

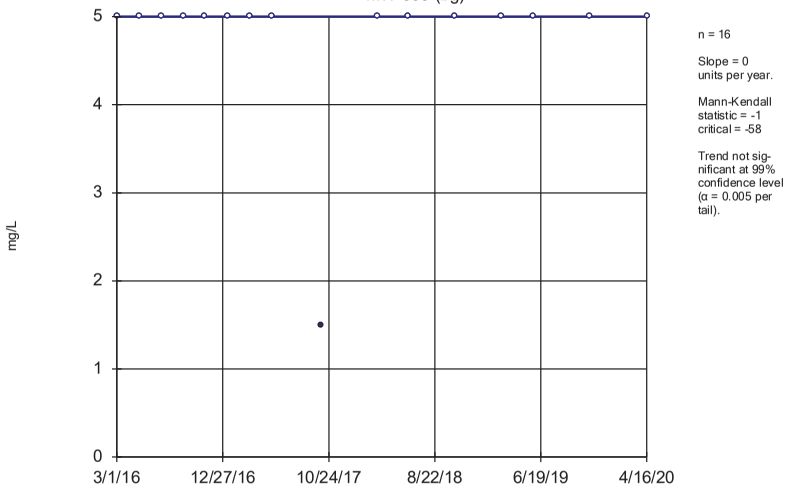
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-306 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -58

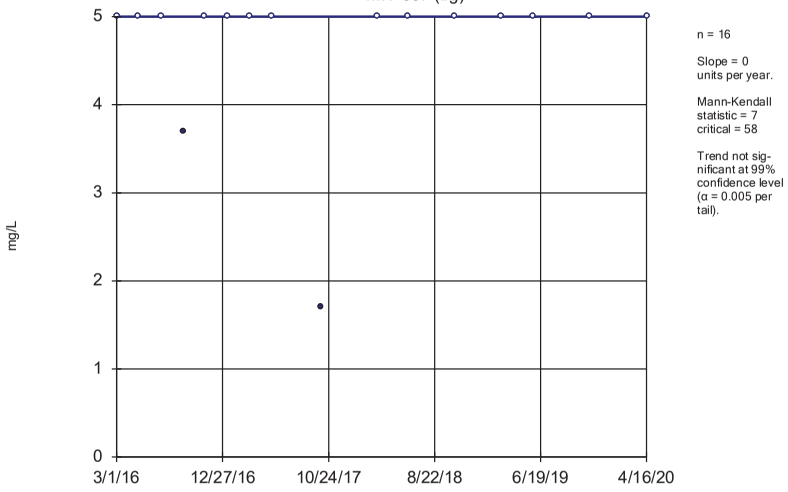
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-307 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 7 critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

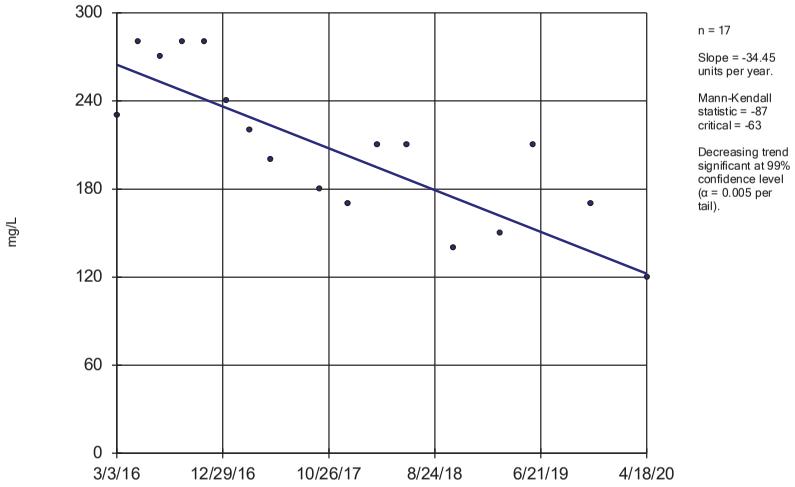
Constituent: Sulfate Analysis Run 6/25/2020 9:29 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



Constituent: Sulfate Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests

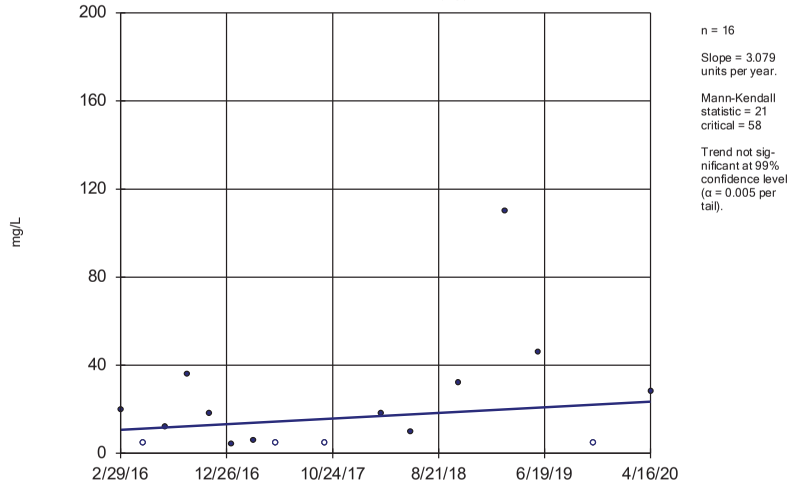
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests

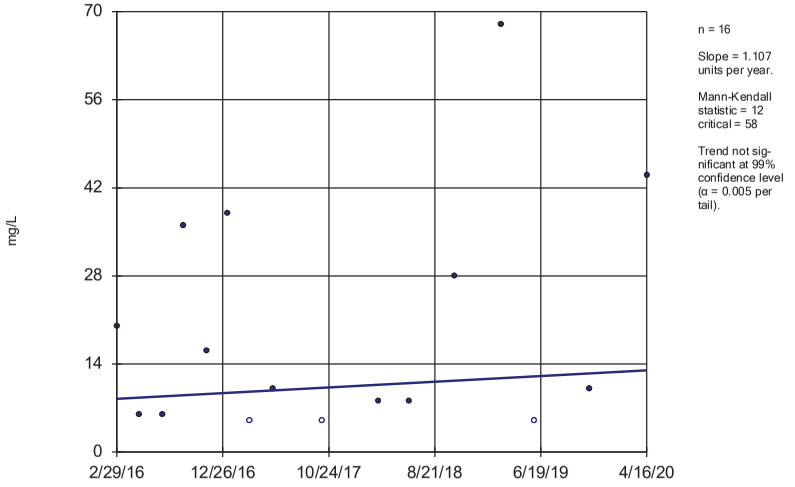
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests

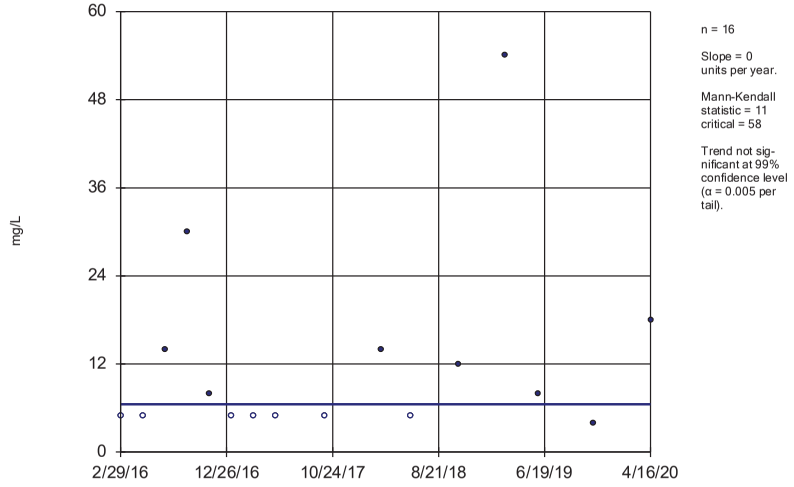
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



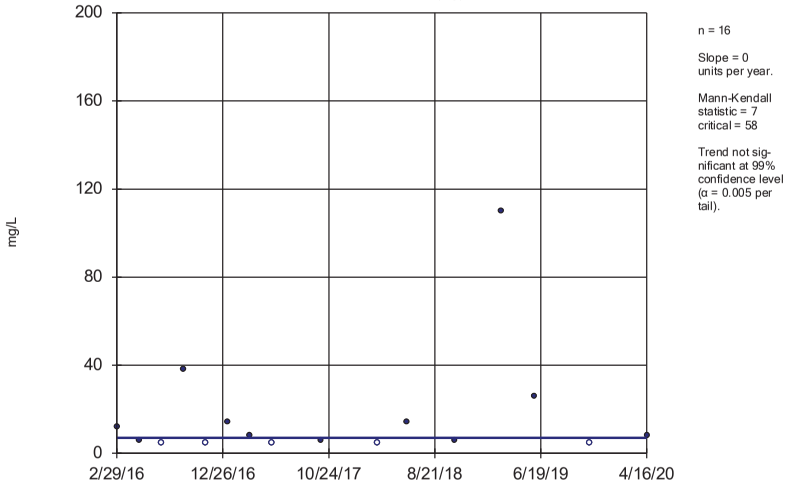
Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

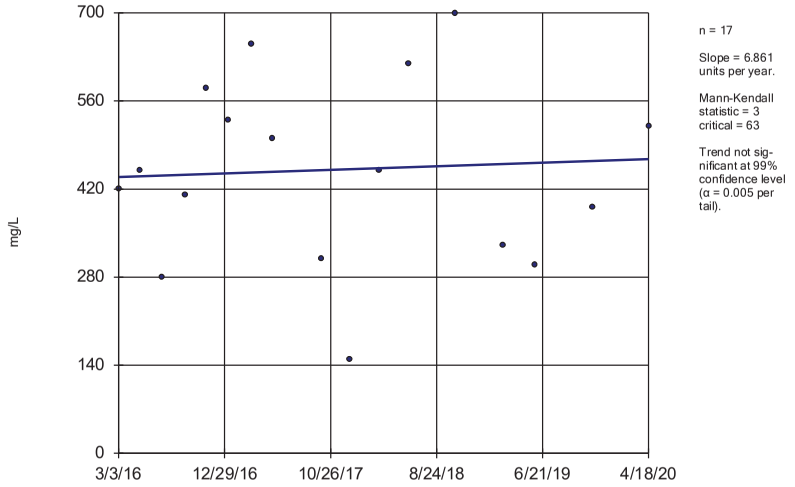


Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303

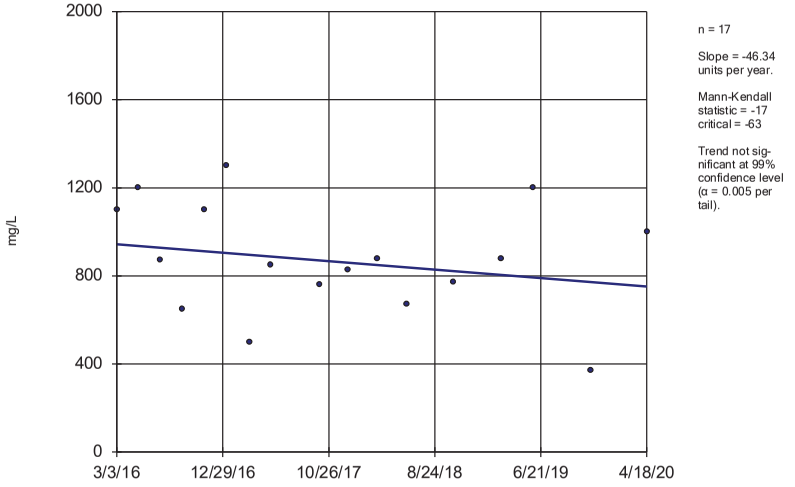


Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304

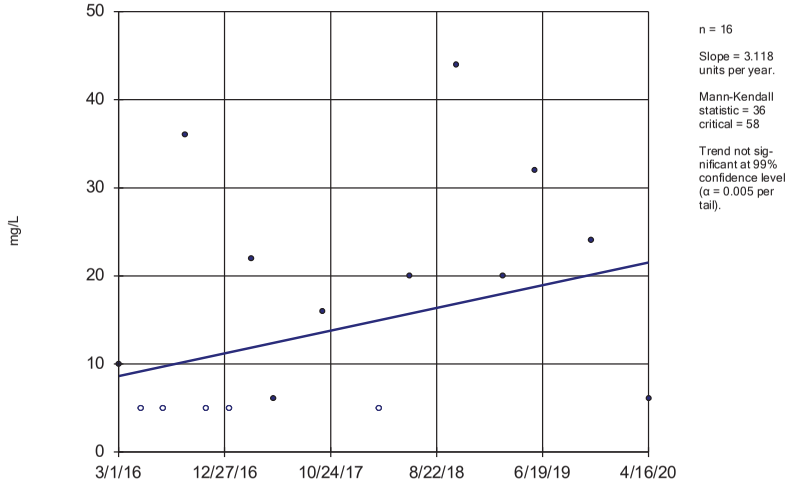


Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

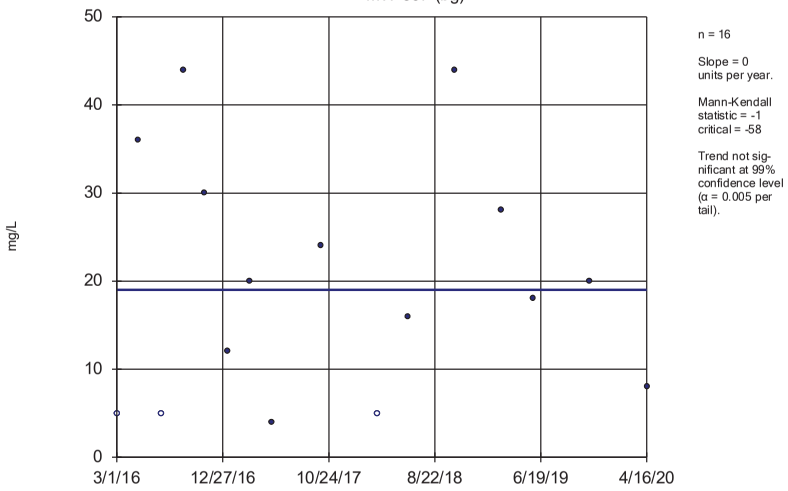


Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



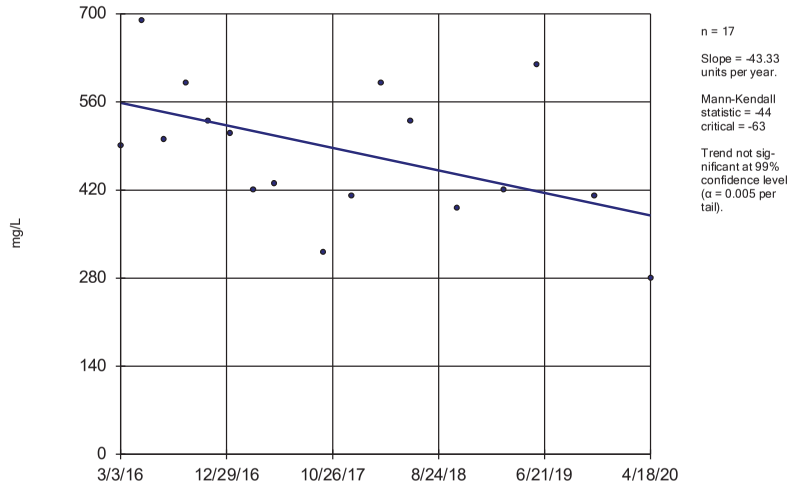
Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:30 AM View: 300 Series Trend Tests

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Confidence Intervals - 100, 200 & 300 Series

100 Series

Confidence Intervals - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:29 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02151**	**0.01396**	**0.006**	**Yes**	**15**	**0.01773**	**0.005574**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.57**	**12.66**	**5**	**Yes**	**15**	**15.62**	**4.355**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.421**	**5.525**	**5**	**Yes**	**15**	**6.473**	**1.399**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006132**	**0.003513**	**0.002**	**Yes**	**15**	**0.004823**	**0.001933**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Intervals - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:29 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-102	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-103	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-104	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-105	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-106	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-109	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-110	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-102	0.0005	0.00025	0.01	No	15	0.0002667	0.00006455	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	15	0.0002633	0.00006997	86.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.007773	0.002899	0.01	No	15	0.005336	0.003597	6.667	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.004398	0.003602	0.01	No	15	0.004	0.000588	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-106	0.00025	0.00025	0.01	No	15	0.00025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-109	0.00025	0.00025	0.01	No	15	0.00025	3.1e-12	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	15	0.0003313	0.0001522	53.33	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-102	0.011	0.009003	2	No	15	0.01005	0.00149	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-103	0.06212	0.04624	2	No	15	0.05293	0.01452	0	None	x^2	0.01	Param.
Barium (mg/L)	MW-104	0.0258	0.0198	2	No	15	0.0228	0.004427	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04894	0.03813	2	No	15	0.04353	0.007981	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.015	0.0096	2	No	15	0.01101	0.002082	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02135	0.01785	2	No	15	0.0196	0.002586	0	None	No	0.01	Param.
Barium (mg/L)	MW-110	0.04754	0.03633	2	No	15	0.04193	0.008268	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0005	0.00011	0.004	No	15	0.000474	0.0001007	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-103	0.0005	0.0005	0.004	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001227	0.0008285	0.004	No	15	0.001028	0.0002944	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-105	0.0005	0.0005	0.004	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-106	0.0005	0.0005	0.004	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-109	0.0005	0.000044	0.004	No	15	0.0004696	0.0001177	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0005	0.00013	0.004	No	15	0.0004476	0.0001386	86.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-102	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-103	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00052	0.00044	0.005	No	15	0.0005027	0.00008779	46.67	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-105	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-106	0.0005	0.0005	0.005	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-109	0.0005	0.000078	0.005	No	15	0.0004719	0.000109	93.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0005	0.00032	0.005	No	15	0.000462	0.0001078	86.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	15	0.0006447	0.0005972	86.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	15	0.0008227	0.001225	73.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.0023	0.0005	0.1	No	15	0.001647	0.0006937	20	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-105	0.002615	0.001975	0.1	No	15	0.002247	0.0005878	6.667	None	x^2	0.01	Param.
Chromium (mg/L)	MW-106	0.0005	0.0005	0.1	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0005	0.0005	0.1	No	15	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0005	0.00042	0.1	No	15	0.000488	0.00003189	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00023	0.006	No	15	0.002193	0.0008112	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00041	0.006	No	15	0.00169	0.001044	60	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**MW-104**	**0.02151**	**0.01396**	**0.006**	**Yes**	**15**	**0.01773**	**0.005574**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	15	0.002249	0.0006682	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.0004	0.006	No	15	0.0009413	0.000822	20	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.0071	0.0038	0.006	No	15	0.00487	0.002019	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-110	0.019	0.0043	0.006	No	15	0.00962	0.006769	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-102	1.888	1.199	5	No	15	1.564	0.5477	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	7.073	4.841	5	No	15	5.957	1.647	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.57**	**12.66**	**5**	**Yes**	**15**	**15.62**	**4.355**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.536	2.727	5	No	15	3.631	1.335	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.235	0.6831	5	No	15	0.9891	0.4802	6.667	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.358	1.519	5	No	15	1.939	0.6192	0	None	No	0.01	Param.

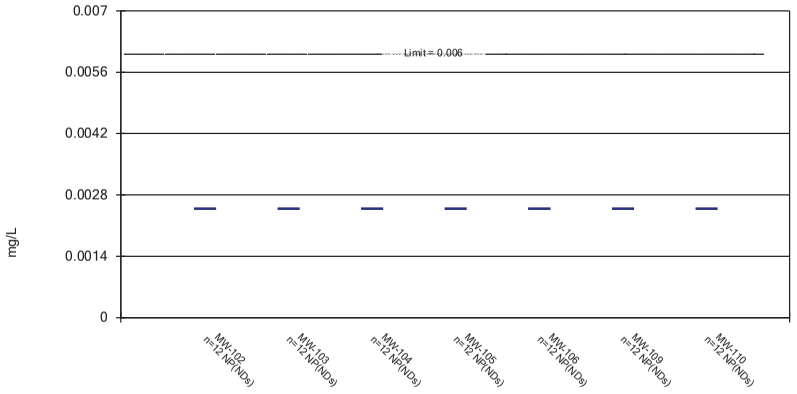
Confidence Intervals - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:29 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.421**	**5.525**	**5**	**Yes**	**15**	**6.473**	**1.399**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-102	0.1	0.1	4	No	16	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-103	0.1	0.037	4	No	16	0.09606	0.01575	93.75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3604	0.2419	4	No	17	0.3012	0.09453	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	16	0.08506	0.02672	75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-106	0.1	0.1	4	No	16	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.1	4	No	16	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	16	0.07744	0.03008	62.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-102	0.00025	0.00018	0.015	No	15	0.000238	0.00003256	86.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00025	0.00011	0.015	No	15	0.0002407	0.00003615	93.33	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002435	0.001819	0.015	No	15	0.002127	0.0004543	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	15	0.0002853	0.000176	86.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00025	0.015	No	15	0.0002593	0.00003615	93.33	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	15	0.0002583	0.0001252	80	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00025	0.015	No	15	0.0002667	0.00003697	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-102	0.0012	0.0009	0.04	No	15	0.001033	0.0001175	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.00097	0.04	No	15	0.001511	0.0008075	46.67	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03714	0.02113	0.04	No	15	0.02913	0.01181	0	None	No	0.01	Param.
Lithium (mg/L)	MW-105	0.001	0.00039	0.04	No	15	0.0009593	0.0001575	93.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0012	0.00068	0.04	No	15	0.001554	0.001729	60	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-109	0.006715	0.005036	0.04	No	15	0.005907	0.001312	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.01062	0.007355	0.04	No	15	0.008987	0.002408	0	None	No	0.01	Param.
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	15	0.0001859	0.0000373	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00012	0.002	No	15	0.0002227	0.0001118	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001386	0.0007159	0.002	No	15	0.001079	0.0005394	0	None	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-105	0.0002	0.0002	0.002	No	15	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	15	0.000192	0.00003098	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	15	0.0004598	0.0008017	80	None	No	0.01	NP (NDs)
Mercury (mg/L)	**MW-110**	**0.006132**	**0.003513**	**0.002**	**Yes**	**15**	**0.004823**	**0.001933**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-104	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.005166	0.003321	0.1	No	15	0.00432	0.001598	0	None	x^(1/3)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-110	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.00028	0.00019	0.05	No	15	0.0003007	0.0001946	73.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.003009	0.001864	0.05	No	15	0.002437	0.0008448	6.667	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.0129	0.005154	0.05	No	15	0.009027	0.005714	0	None	No	0.01	Param.
Selenium (mg/L)	MW-105	0.00041	0.00025	0.05	No	15	0.0003187	0.0001041	53.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-106	0.00025	0.00025	0.05	No	15	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.00025	0.00024	0.05	No	15	0.000246	0.00001298	86.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003632	0.003168	0.05	No	15	0.0034	0.0003423	0	None	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.0001	0.002	No	15	0.0001073	0.0000284	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0001	0.000026	0.002	No	15	0.00009507	0.00001911	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003387	0.000228	0.002	No	15	0.0002833	0.00008165	0	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00024	0.0001	0.002	No	15	0.0001093	0.00003615	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-106	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002877	0.0002296	0.002	No	15	0.0002587	0.00004291	0	None	No	0.01	Param.

Non-Parametric Confidence Interval

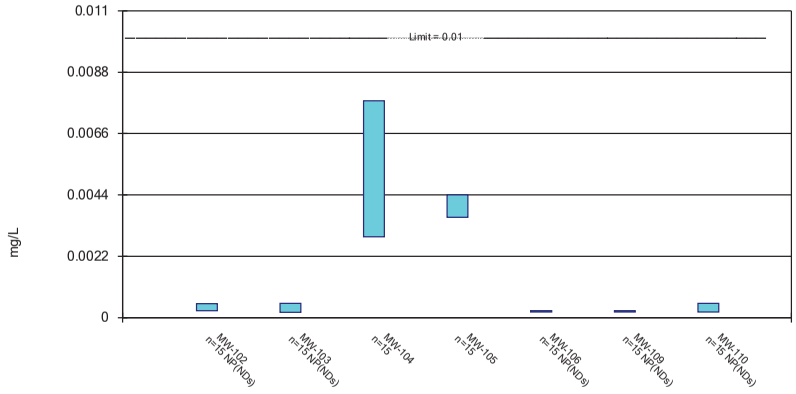
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

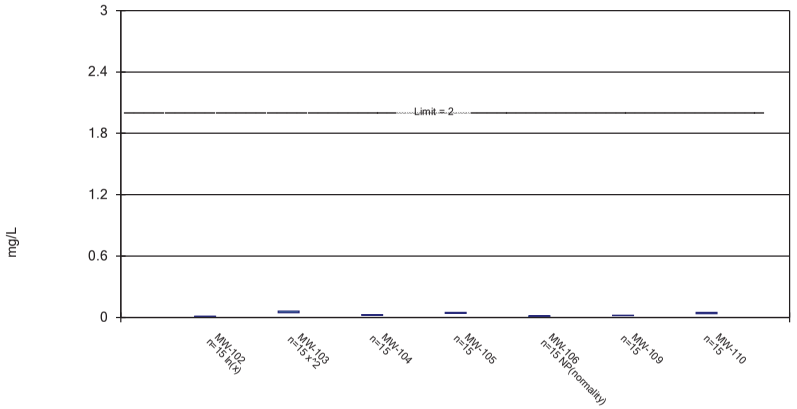
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

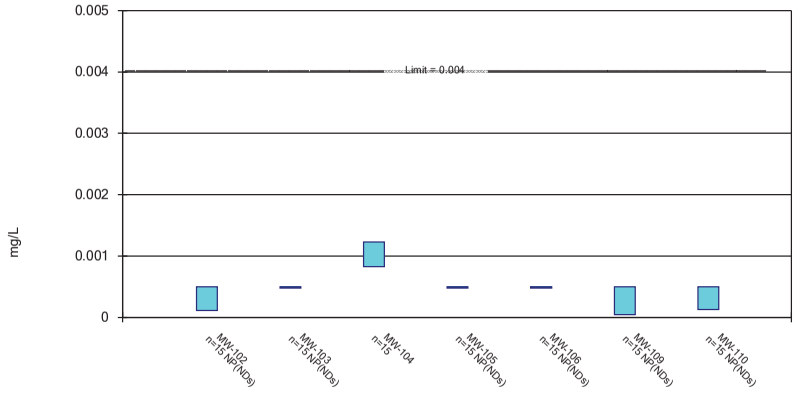
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

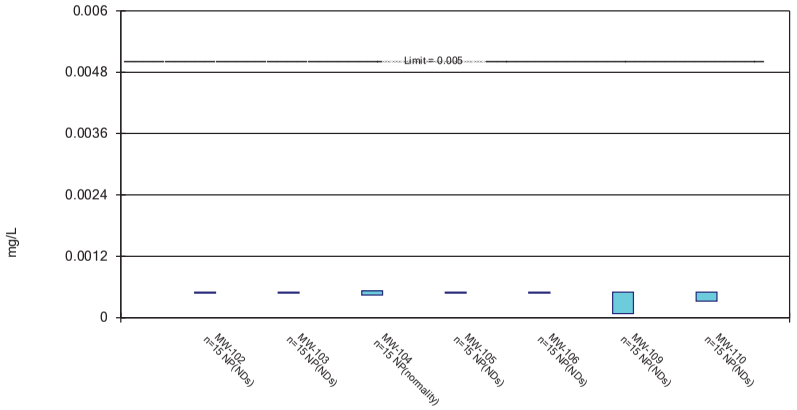
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

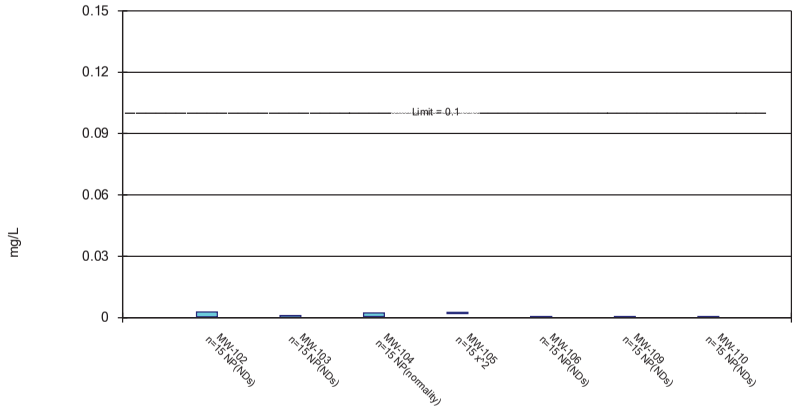
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

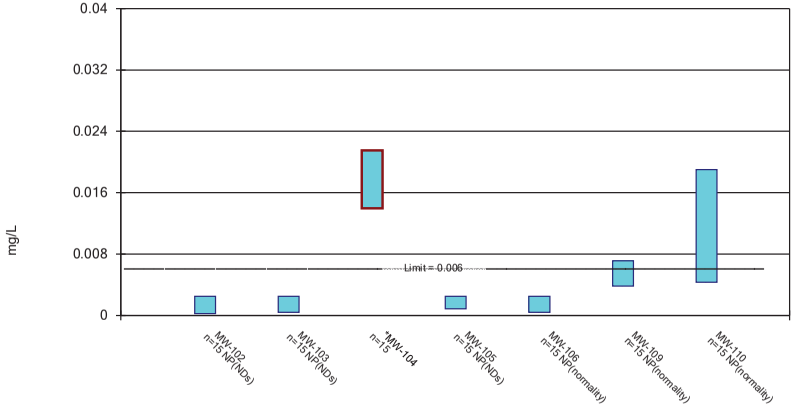
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

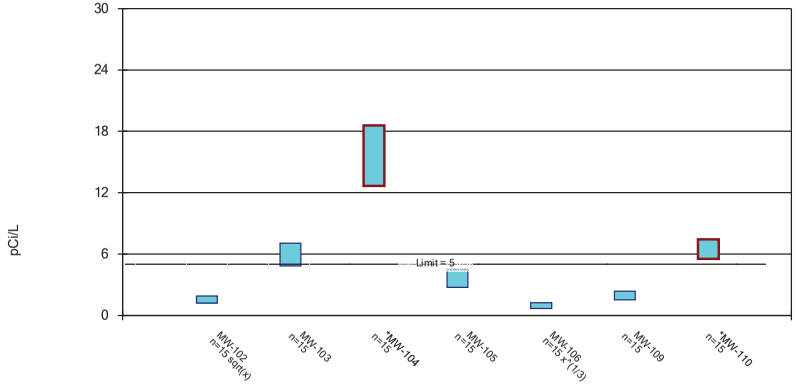
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric Confidence Interval

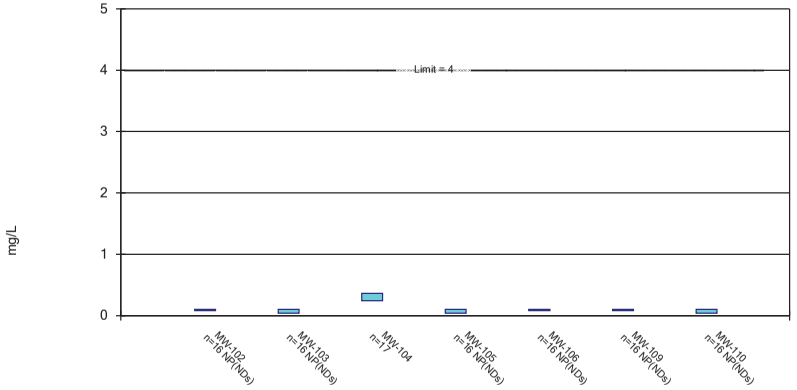
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidenc
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

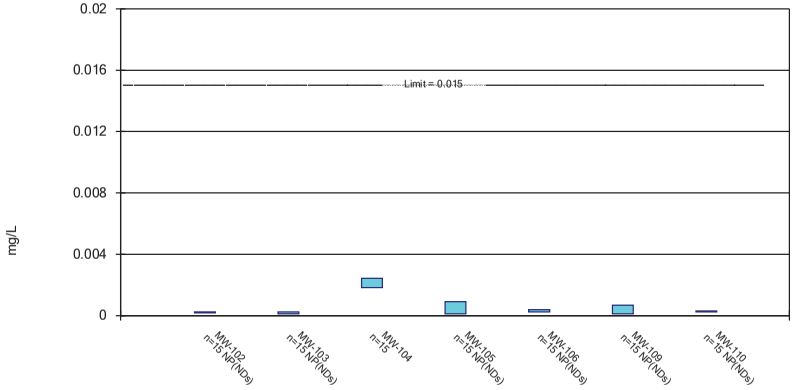


Constituent: Fluoride Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

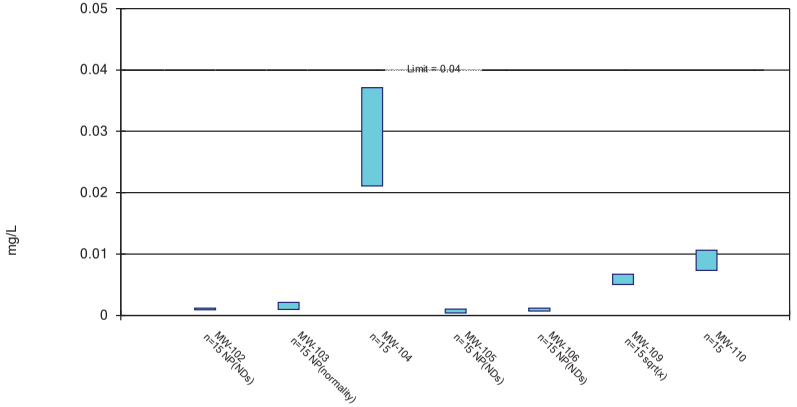


Constituent: Lead Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

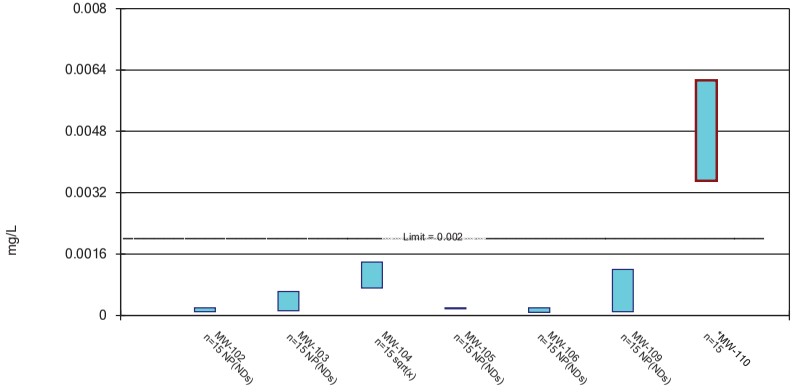


Constituent: Lithium Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

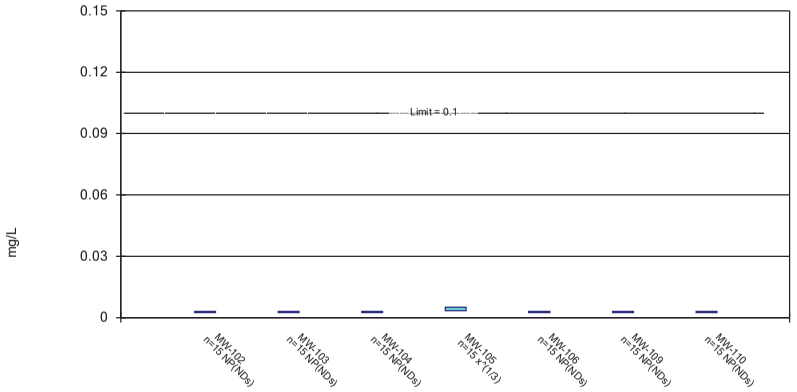
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

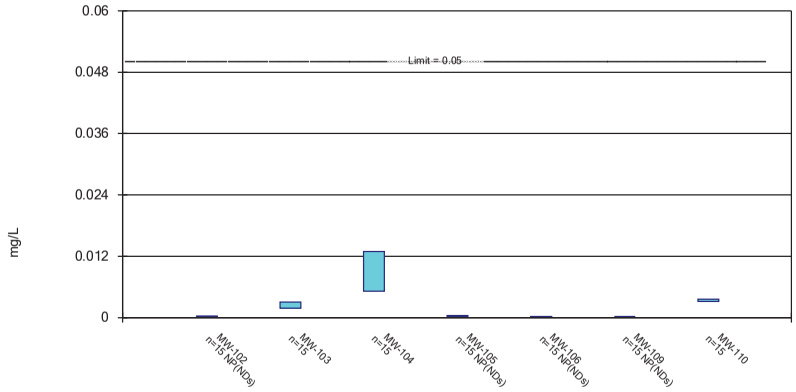


Constituent: Molybdenum Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

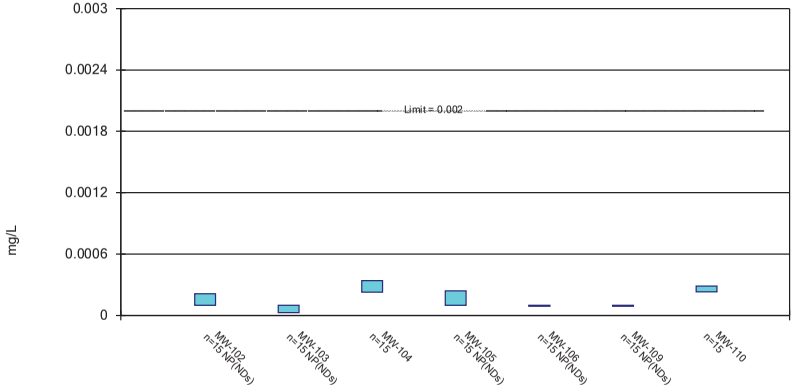


Constituent: Selenium Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 6/23/2020 12:28 PM View: 100 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

200 Series

Confidence Intervals - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.8**	**8.54**	**5**	**Yes**	**15**	**13.17**	**6.834**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**15**	**13.73**	**8.204**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**30.5**	**14.05**	**5**	**Yes**	**15**	**22.27**	**12.14**	**0**	**None**	**No**	**0.01**	**Param.**

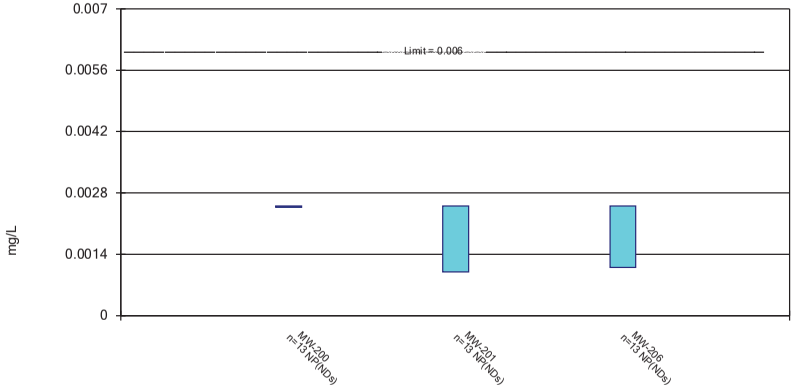
Confidence Intervals - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/23/2020, 12:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-200	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	13	0.002269	0.0005633	84.62	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	13	0.002392	0.0003883	92.31	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.003001	0.0007444	0.01	No	15	0.002068	0.00186	6.667	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0068	0.000125	0.01	No	15	0.002812	0.003402	33.33	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.01058	0.002596	0.01	No	15	0.007283	0.006512	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.06673	0.03781	2	No	15	0.05227	0.02134	0	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.06965	0.03555	2	No	15	0.0526	0.02516	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1125	0.06188	2	No	15	0.08721	0.03738	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	15	0.002336	0.0006339	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	15	0.002338	0.0006277	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00048	0.004	No	15	0.001933	0.0009794	73.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	14	0.002101	0.0008	78.57	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.014	0.002	0.005	No	15	0.006787	0.00569	6.667	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0031	0.00055	0.005	No	15	0.001848	0.001092	0	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-200	0.0005	0.0005	0.1	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-201	0.0005	0.0005	0.1	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0005	0.1	No	12	0.000675	0.0006062	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.001801	0.0008581	0.006	No	15	0.001479	0.0006495	20	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	MW-201	0.003079	0.001488	0.006	No	15	0.002357	0.001328	6.667	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004913	0.00235	0.006	No	15	0.003631	0.001891	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.8**	**8.54**	**5**	**Yes**	**15**	**13.17**	**6.834**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**15**	**13.73**	**8.204**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**30.5**	**14.05**	**5**	**Yes**	**15**	**22.27**	**12.14**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.1	0.05	4	No	16	0.08313	0.06201	18.75	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7717	0.4895	4	No	17	0.6306	0.2252	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08341	0.05144	4	No	17	0.06876	0.02648	5.882	None	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001449	0.000788	0.015	No	15	0.001119	0.000488	13.33	None	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00061	0.015	No	15	0.001095	0.0003561	73.33	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-206	0.01	0.0011	0.015	No	15	0.005958	0.003938	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.0024	0.001	0.04	No	15	0.001807	0.002322	73.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.008046	0.002491	0.04	No	15	0.006607	0.008166	13.33	None	ln(x)	0.01	Param.
Lithium (mg/L)	MW-206	0.0012	0.001	0.04	No	15	0.00104	0.0001121	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002366	0.001114	0.002	No	15	0.00174	0.0009231	0	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00032	0.002	No	15	0.001437	0.001043	0	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.0005009	0.0001775	0.002	No	15	0.0003553	0.0002907	20	Kaplan-Meier	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-200	0.0078	0.003	0.1	No	13	0.003369	0.001331	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.003	0.0015	0.1	No	13	0.002885	0.000416	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.003	0.00092	0.1	No	13	0.00284	0.0005769	92.31	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01309	0.005564	0.05	No	15	0.009733	0.005671	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01279	0.004885	0.05	No	15	0.00884	0.005836	0	None	No	0.01	Param.
Selenium (mg/L)	MW-206	0.01917	0.0133	0.05	No	15	0.01623	0.00433	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.000334	0.0001185	0.002	No	15	0.0002132	0.0001739	26.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Thallium (mg/L)	MW-201	0.0004346	0.0002054	0.002	No	15	0.00032	0.0001691	0	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0008338	0.0004617	0.002	No	15	0.000604	0.0003094	0	None	x^2	0.01	Param.

Non-Parametric Confidence Interval

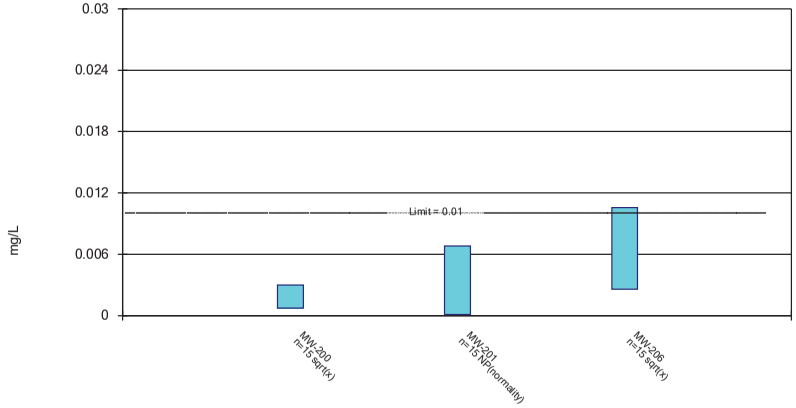
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 6/23/2020 12:43 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

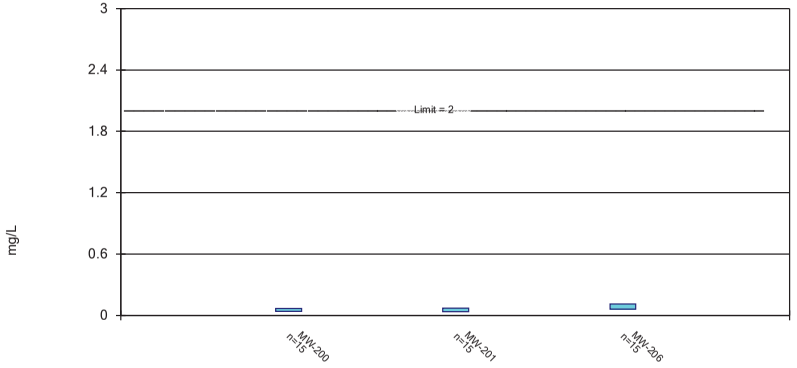
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 6/23/2020 12:43 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric Confidence Interval

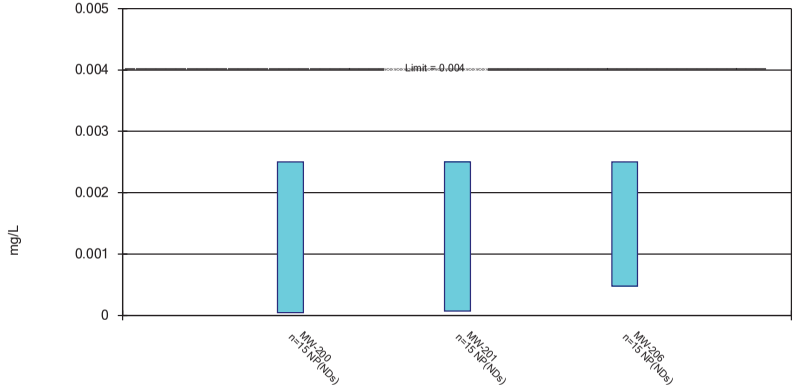
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 6/23/2020 12:43 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

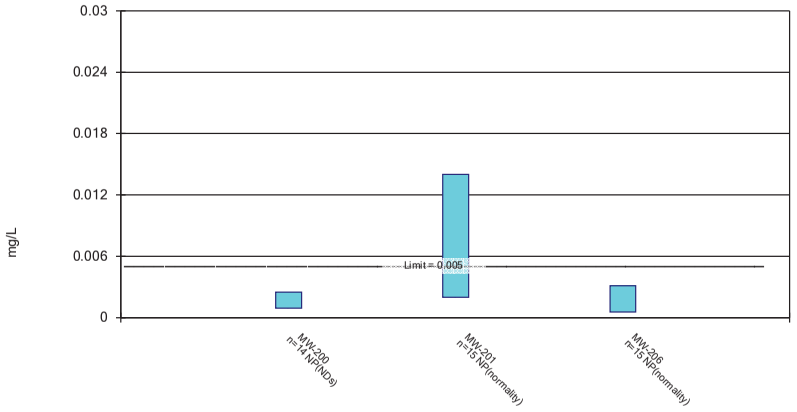
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 6/23/2020 12:43 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

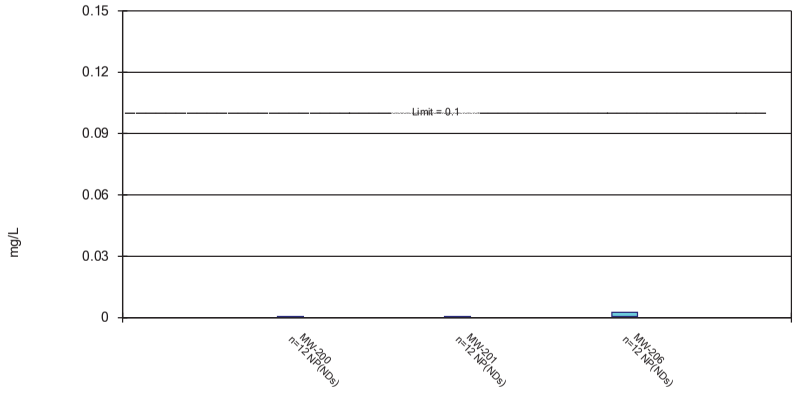
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 6/23/2020 12:43 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

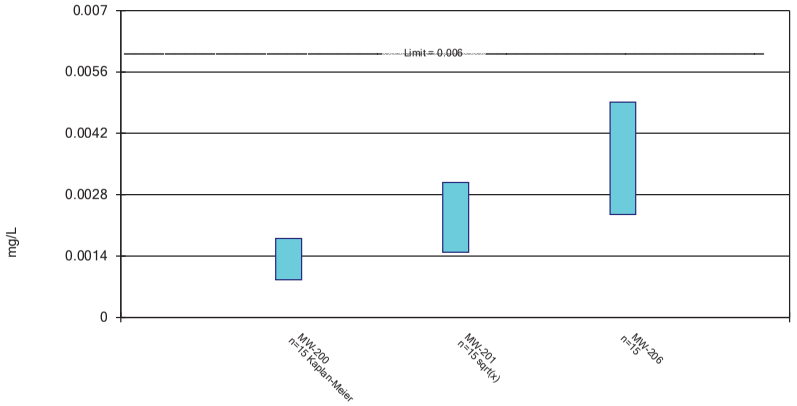
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Chromium Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric Confidence Interval

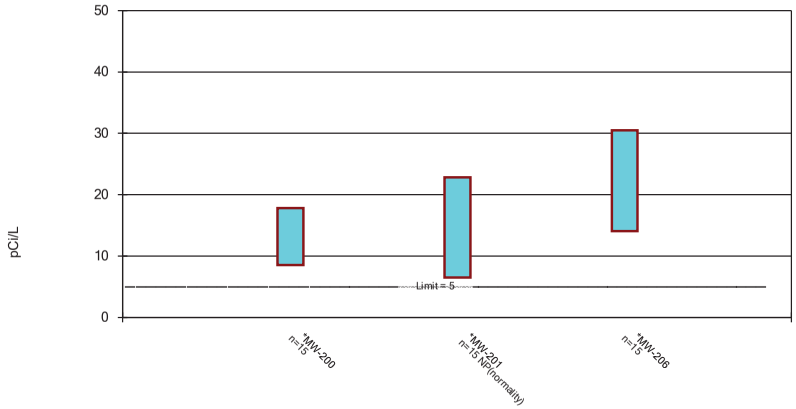
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

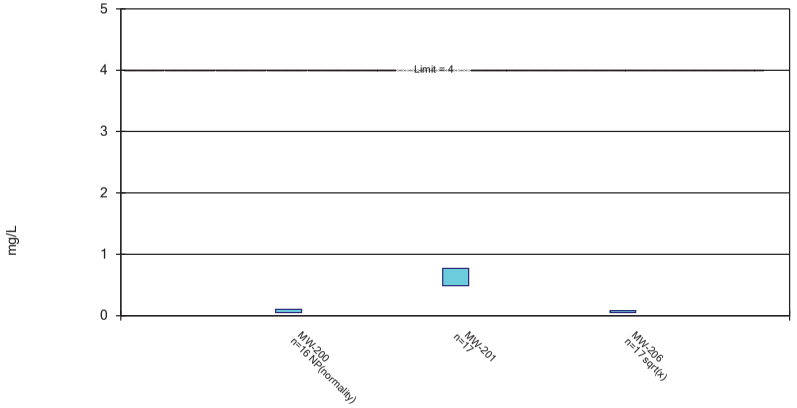
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidenc
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

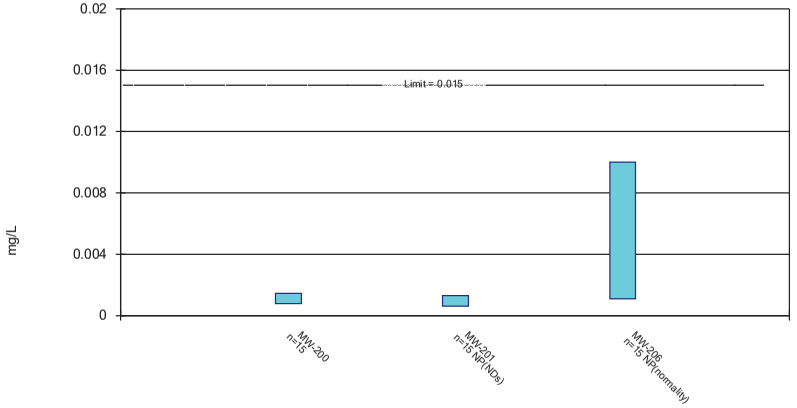
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

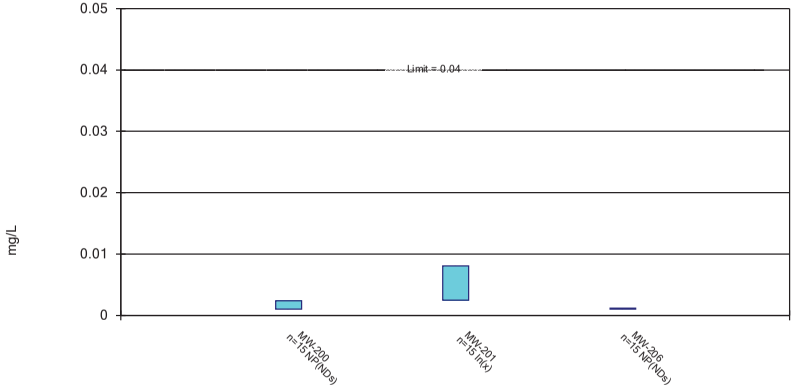
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

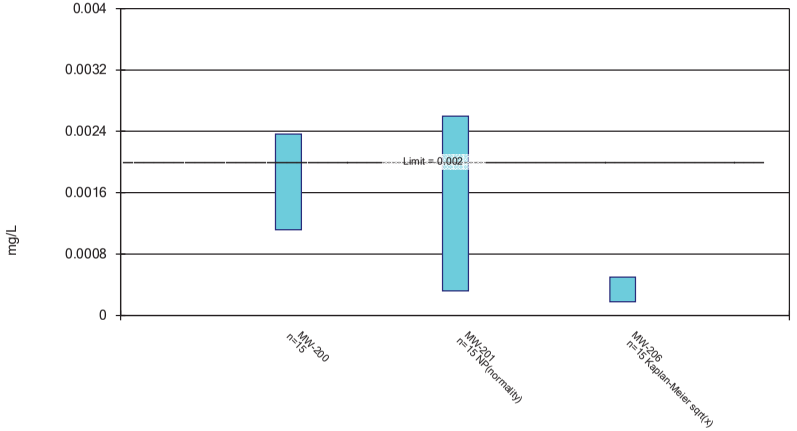
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

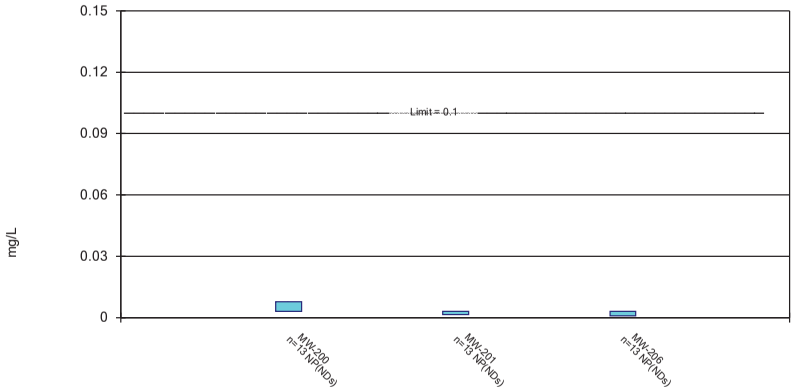
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

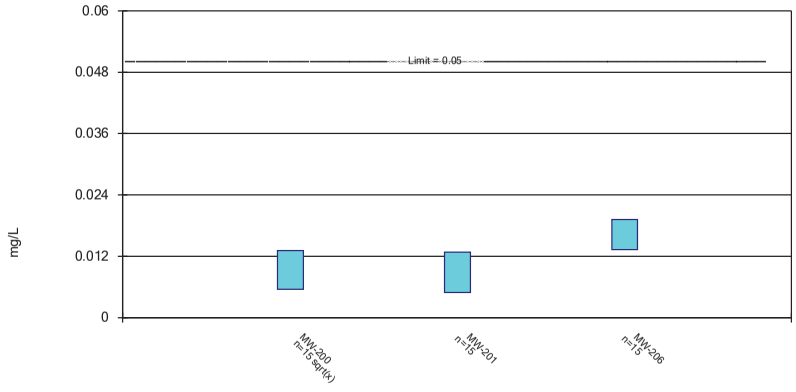


Constituent: Molybdenum Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

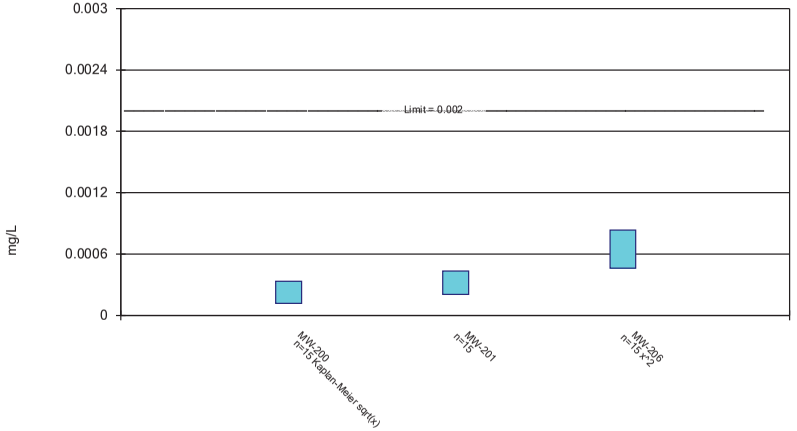


Constituent: Selenium Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 6/23/2020 12:44 PM View: 200 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

300 Series

Confidence Intervals - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-304**	**0.02197**	**0.008227**	**0.006**	**Yes**	**9**	**0.0151**	**0.007119**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**MW-303**	**1.649**	**0.9154**	**0.1**	**Yes**	**15**	**1.31**	**0.5757**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

Confidence Intervals - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-300	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-303	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-304	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-305	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-308	0.0025	0.0025	0.006	No	12	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-300	0.00025	0.00025	0.01	No	13	0.00025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-303	0.0018	0.00025	0.01	No	13	0.0008015	0.0007145	46.15	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.002727	0.0004109	0.01	No	10	0.00179	0.001949	10	None	ln(x)	0.01	Param.
Arsenic (mg/L)	MW-305	0.00042	0.00025	0.01	No	13	0.0002631	0.00004715	92.31	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00025	0.01	No	13	0.0002662	0.00005824	92.31	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	15	0.01133	0.0008165	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04326	0.02774	2	No	15	0.03613	0.01279	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	MW-304	0.04313	0.02887	2	No	15	0.036	0.01053	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.026	0.016	2	No	15	0.01927	0.005338	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02761	0.02106	2	No	15	0.02433	0.004835	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-300	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-303	0.0005	0.000074	0.004	No	12	0.0004645	0.000123	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-304	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-305	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-308	0.0005	0.0005	0.004	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0005	0.000075	0.005	No	15	0.0004717	0.0001097	93.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0005524	0.0003624	0.005	No	15	0.000478	0.0001275	20	Kaplan-Meier	No	0.01	Param.
Cadmium (mg/L)	MW-304	0.00073	0.0005	0.005	No	15	0.0005487	0.0001382	86.67	Kaplan-Meier	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0005	0.000076	0.005	No	15	0.0004717	0.0001095	93.33	Kaplan-Meier	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0005	0.000089	0.005	No	15	0.0004726	0.0001061	93.33	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0005	0.1	No	12	0.0007667	0.0009238	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0005	0.0005	0.1	No	12	0.0005	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0012	0.0005	0.1	No	12	0.0005583	0.0002021	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.0005	0.1	No	12	0.0006667	0.0005774	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.00082	0.0005	0.1	No	12	0.0005267	0.00009238	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00024	0.006	No	15	0.0004933	0.0001523	80	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006733	0.0005057	0.006	No	15	0.0005713	0.0001161	33.33	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	**MW-304**	**0.02197**	**0.008227**	**0.006**	**Yes**	**9**	**0.0151**	**0.007119**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	15	0.0005393	0.0001674	26.67	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00056	0.0005	0.006	No	15	0.0005127	0.00003595	86.67	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.616	4.756	5	No	15	5.186	0.6346	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-303	6.34	4.37	5	No	15	6.003	2.078	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-304	7.4	4.046	5	No	15	5.723	2.475	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.636	1.261	5	No	15	1.455	0.289	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.075	2.191	5	No	15	2.633	0.6525	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	16	0.09631	0.01475	93.75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2564	0.1672	4	No	17	0.2118	0.07117	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.09902	0.05045	4	No	16	0.09875	0.03538	50	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	16	0.09594	0.01625	93.75	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1388	0.08007	4	No	17	0.1094	0.04683	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.00025	0.000083	0.015	No	12	0.0002361	0.00004821	91.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.00025	0.00011	0.015	No	12	0.0002383	0.00004041	91.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.00086	0.00022	0.015	No	12	0.0004517	0.0003539	50	None	No	0.01	NP (normality)
Lead (mg/L)	MW-305	0.00025	0.00025	0.015	No	12	0.00025	0	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-308	0.00025	0.00025	0.015	No	12	0.00025	0	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.0014	0.00062	0.04	No	15	0.000976	0.0001773	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02819	0.02272	0.04	No	15	0.02553	0.004224	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.0023	0.001	0.04	No	15	0.0015	0.001047	66.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-305	0.0014	0.00054	0.04	No	15	0.0009607	0.000212	80	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.0011	0.001	0.04	No	15	0.001107	0.0002865	73.33	None	No	0.01	NP (NDs)

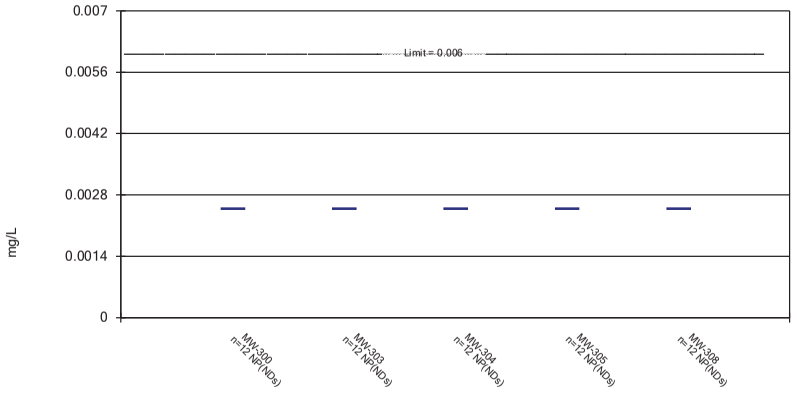
Confidence Intervals - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 6/25/2020, 9:40 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-300	0.0002	0.0002	0.002	No	15	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-303	0.0002	0.0002	0.002	No	15	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.0006998	0.0002354	0.002	No	15	0.0004904	0.0003308	20	Kaplan-Meier	No	0.01	Param.
Mercury (mg/L)	MW-305	0.0002	0.0002	0.002	No	15	0.0002	0	100	Kaplan-Meier	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.0002	0.0002	0.002	No	15	0.0002	0	100	Kaplan-Meier	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-300	0.003	0.003	0.1	No	15	0.003	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.649**	**0.9154**	**0.1**	**Yes**	**15**	**1.31**	**0.5757**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0043	0.0029	0.1	No	15	0.003413	0.001187	53.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-305	0.003	0.0016	0.1	No	15	0.002907	0.0003615	93.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.003	0.00098	0.1	No	15	0.002865	0.0005216	93.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.00025	0.00025	0.05	No	15	0.00025	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.006291	0.003736	0.05	No	15	0.005013	0.001885	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006771	0.003958	0.05	No	14	0.005364	0.001986	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00027	0.00025	0.05	No	15	0.0002513	0.000005164	93.33	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005909	0.003557	0.05	No	15	0.004733	0.001736	0	None	No	0.01	Param.
Thallium (mg/L)	MW-300	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-303	0.0002269	0.0001691	0.002	No	15	0.000198	0.00004263	6.667	None	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0002047	0.0001226	0.002	No	15	0.0001637	0.00006061	13.33	None	No	0.01	Param.
Thallium (mg/L)	MW-305	0.0001	0.0001	0.002	No	15	0.0001	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-308	0.0003025	0.0002109	0.002	No	15	0.0002567	0.00006758	6.667	None	No	0.01	Param.

Non-Parametric Confidence Interval

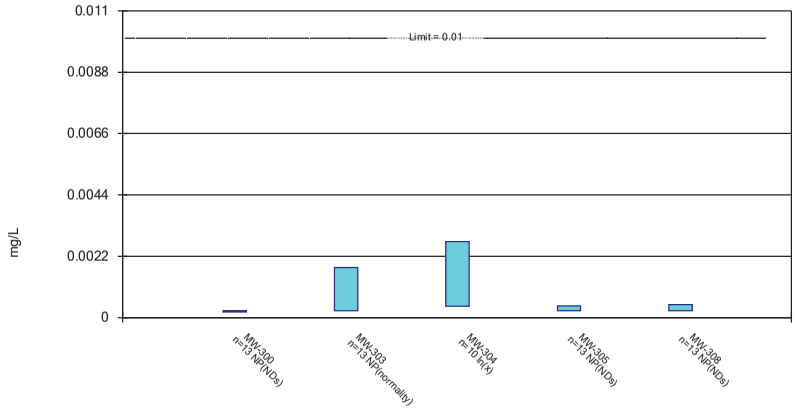
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

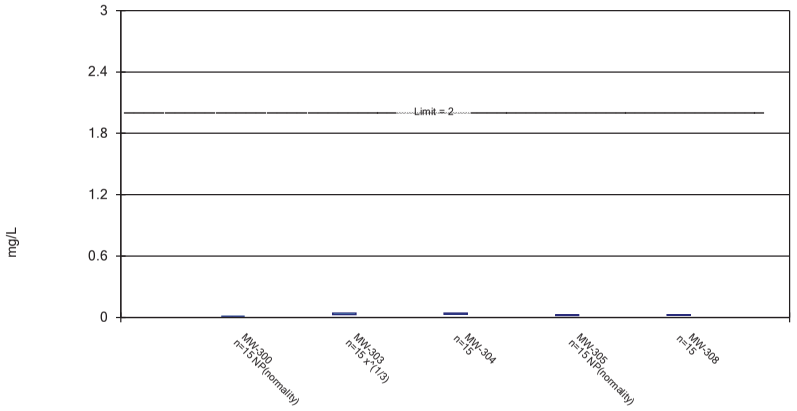
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

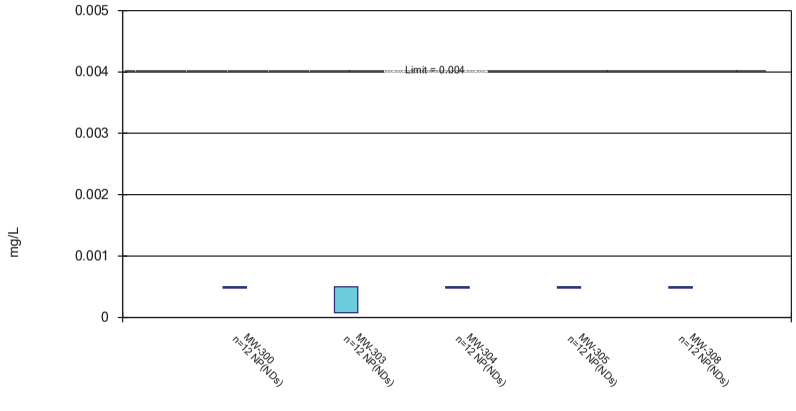
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

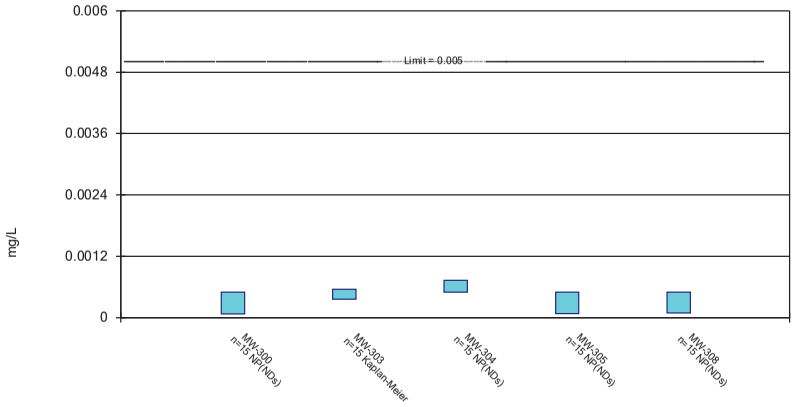
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

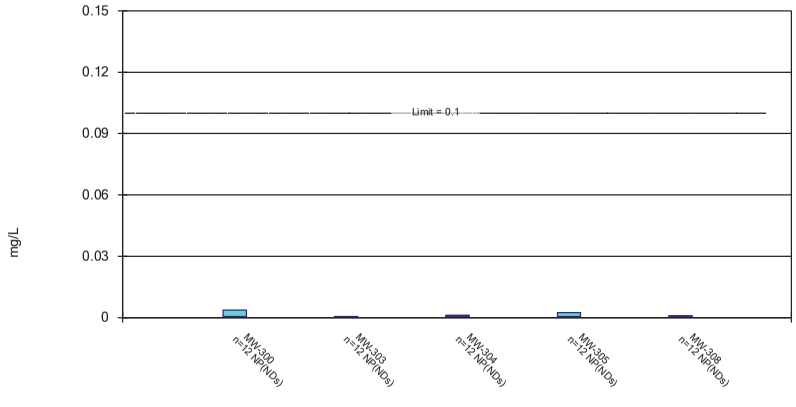
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cadmium Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

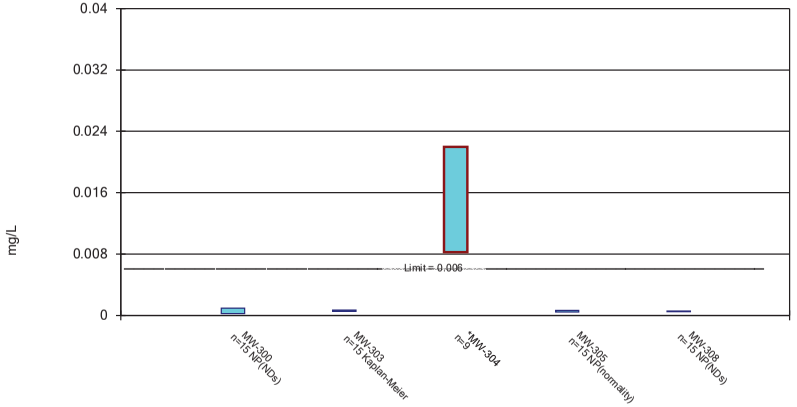
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Chromium Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

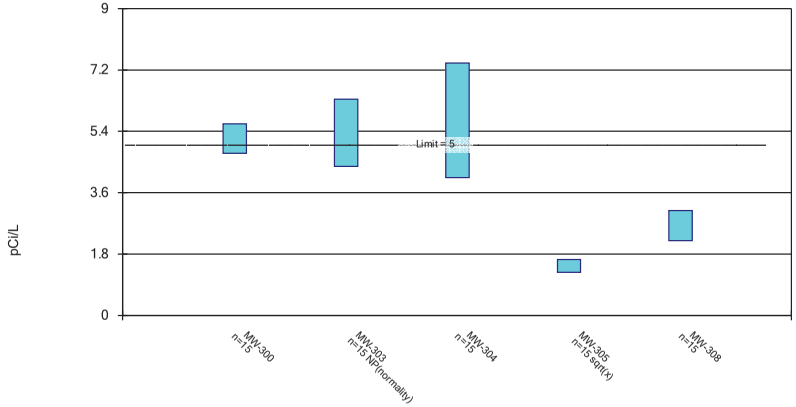
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

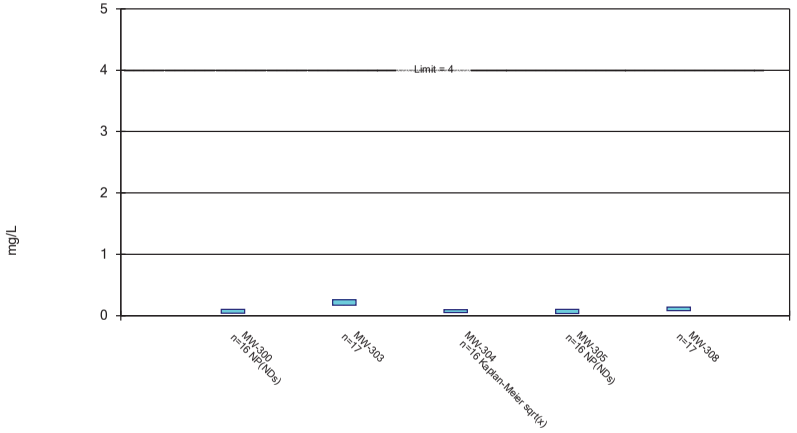
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

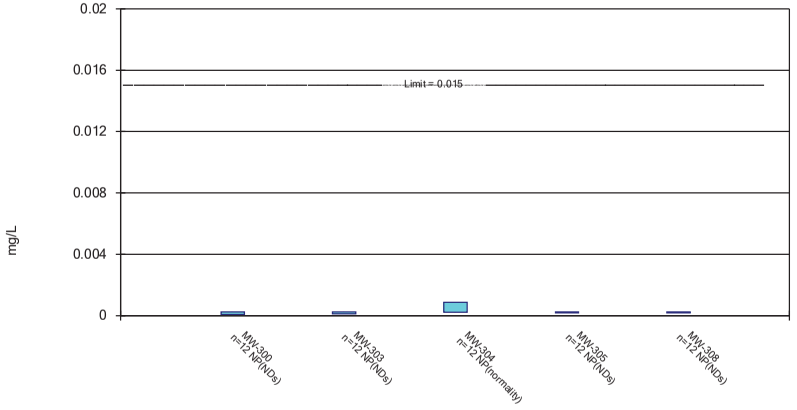
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

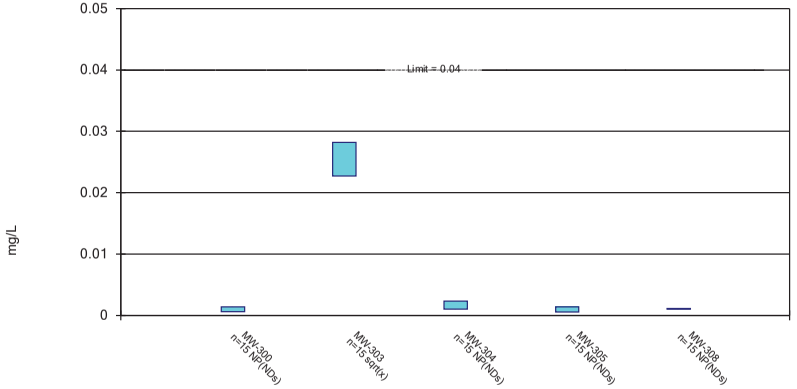
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lead Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

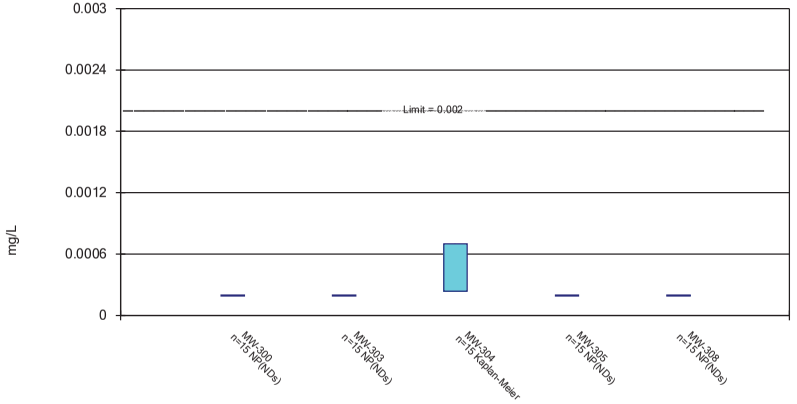
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

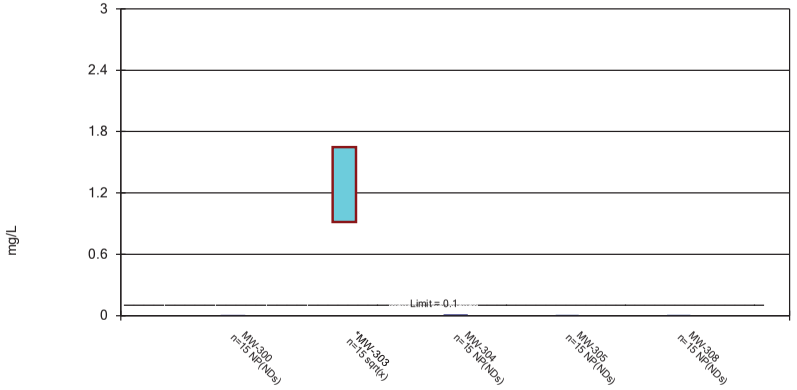
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

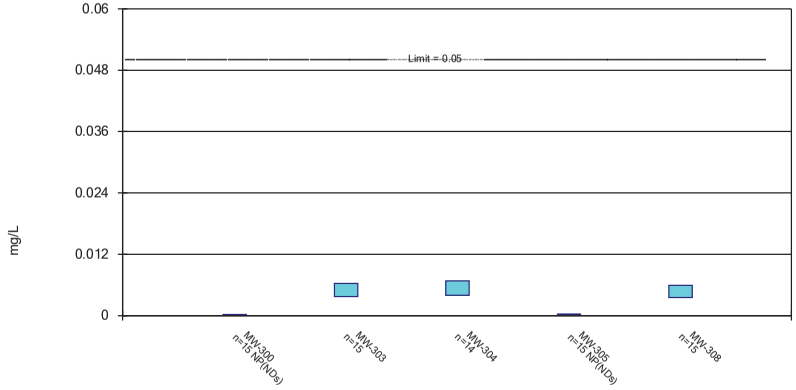


Constituent: Molybdenum Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

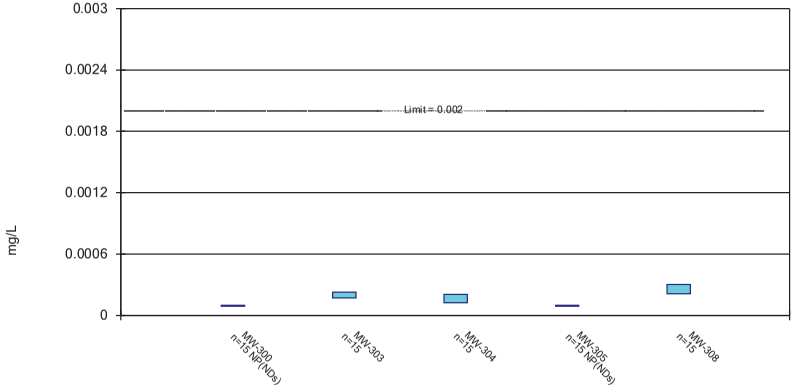


Constituent: Selenium Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



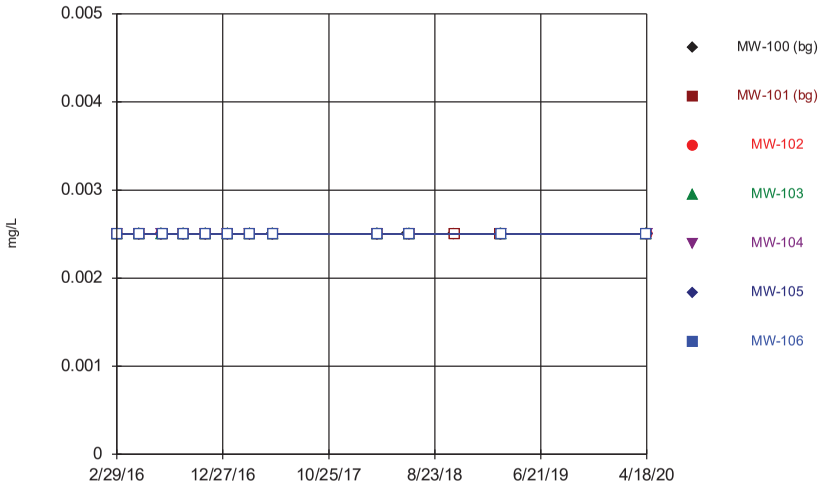
Constituent: Thallium Analysis Run 6/25/2020 9:39 AM View: 300 Series Confidence Intervals
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

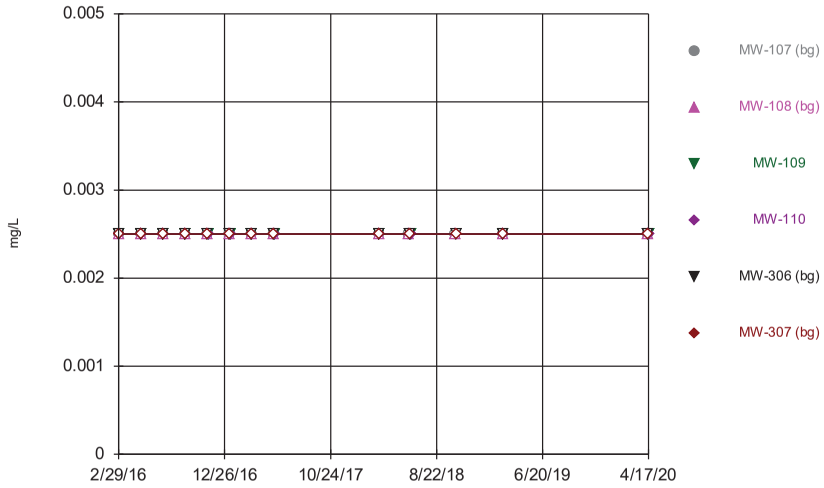
Time Series



Constituent: Antimony Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

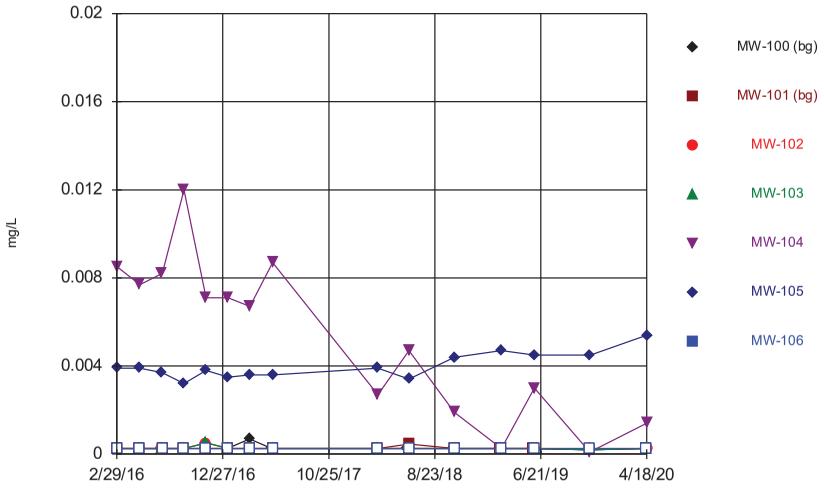
Time Series



Constituent: Antimony Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

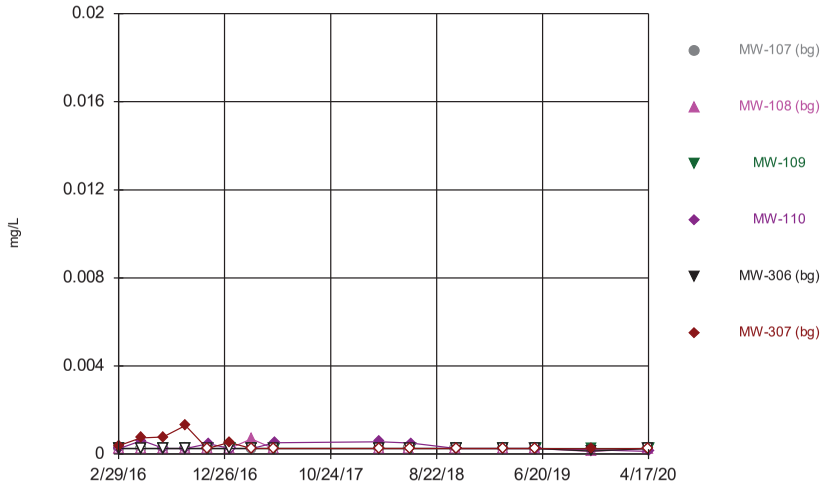
Time Series



Constituent: Arsenic Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

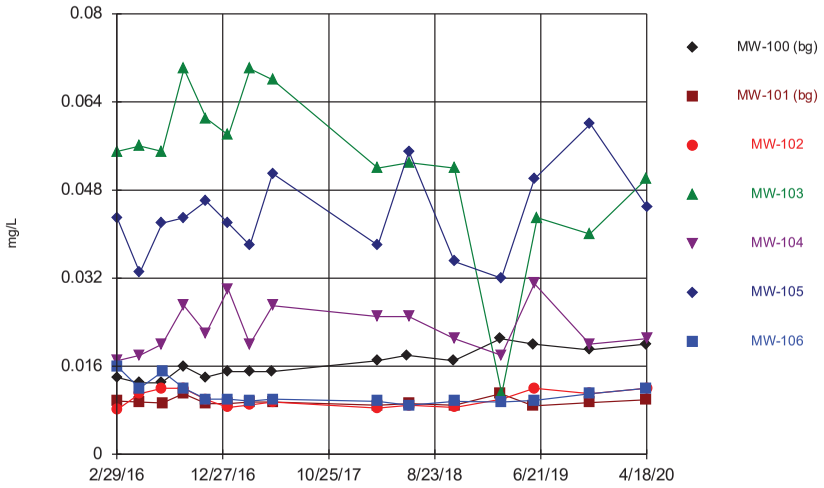
Time Series



Constituent: Arsenic Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

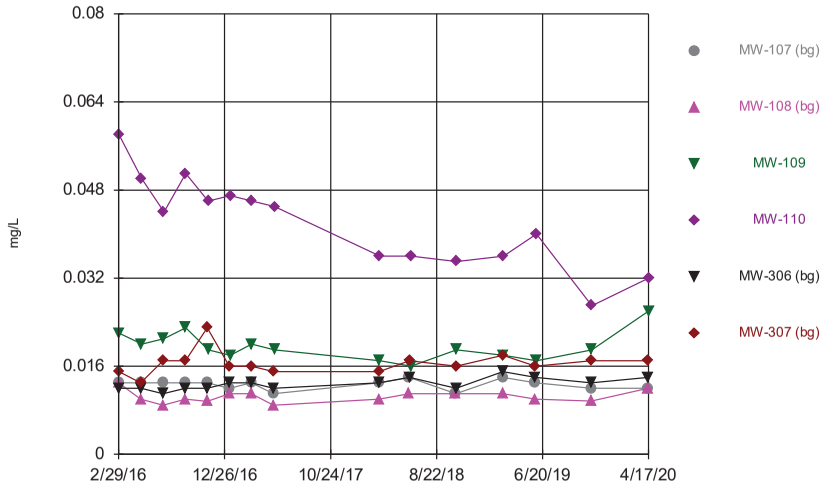
Time Series



Constituent: Barium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

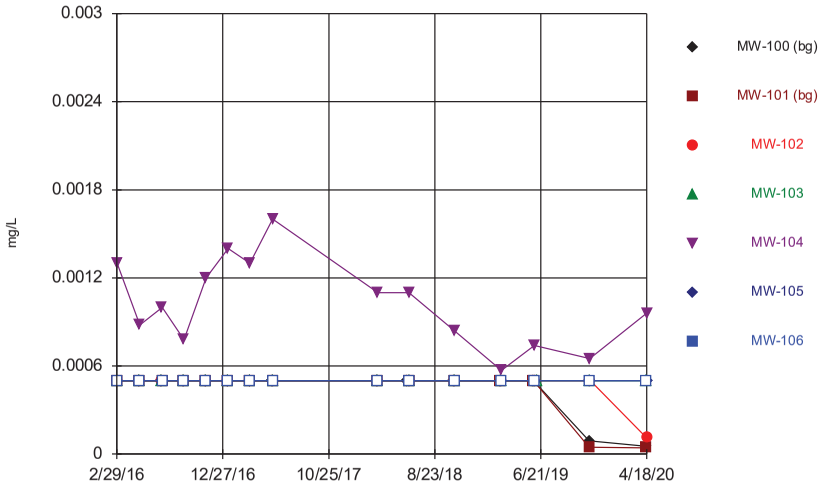
Time Series



Constituent: Barium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

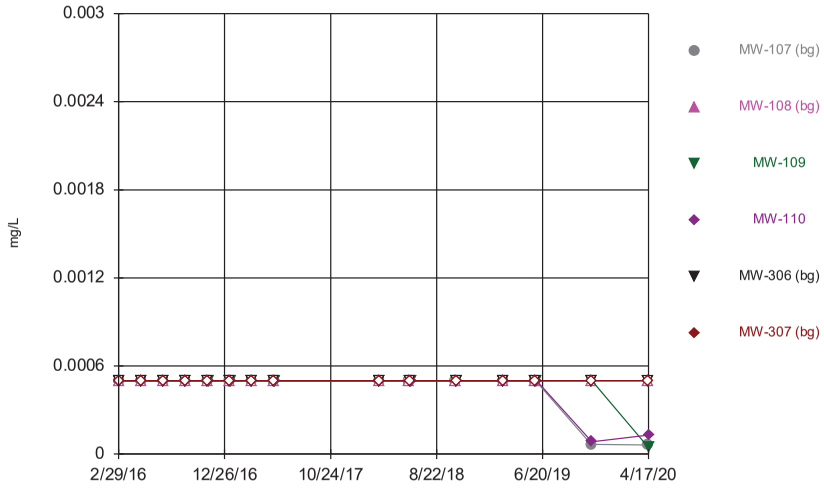
Time Series



Constituent: Beryllium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

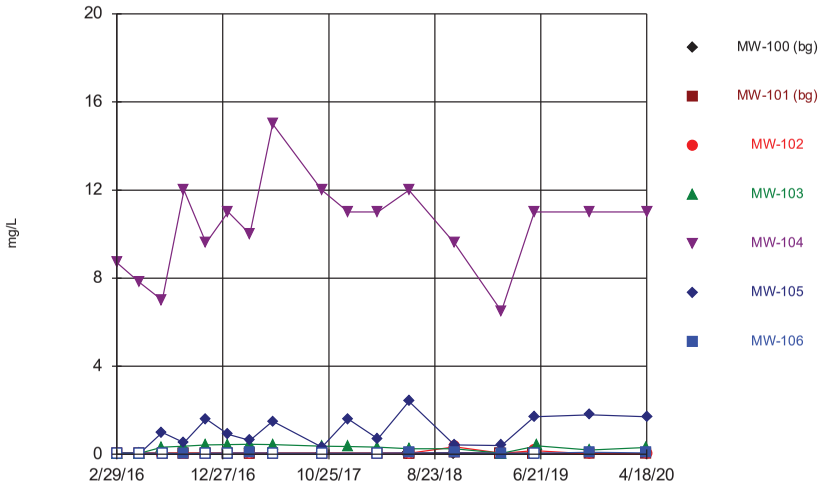
Time Series



Constituent: Beryllium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

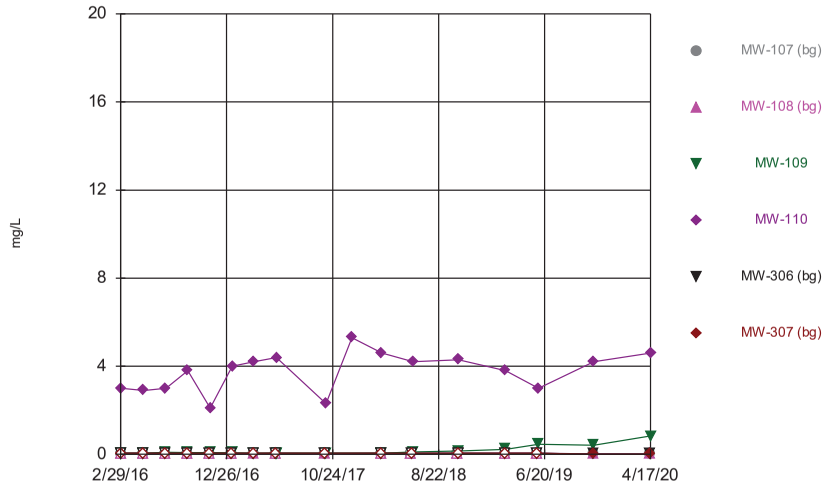
Time Series



Constituent: Boron Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

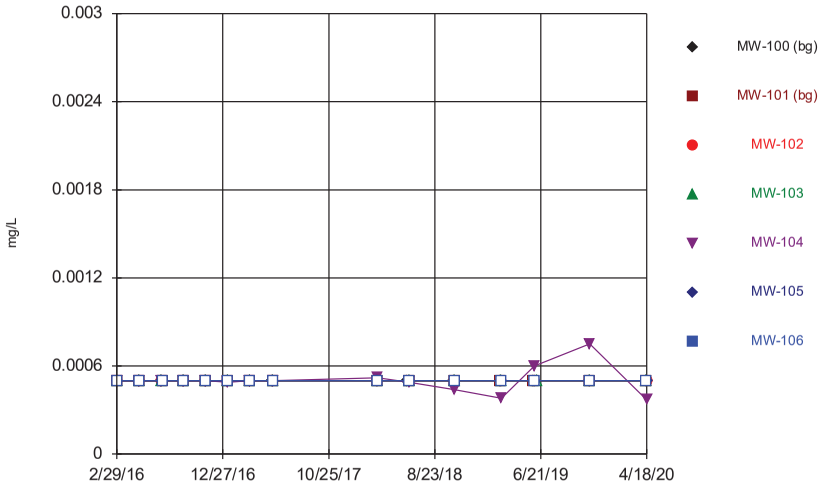
Time Series



Constituent: Boron Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

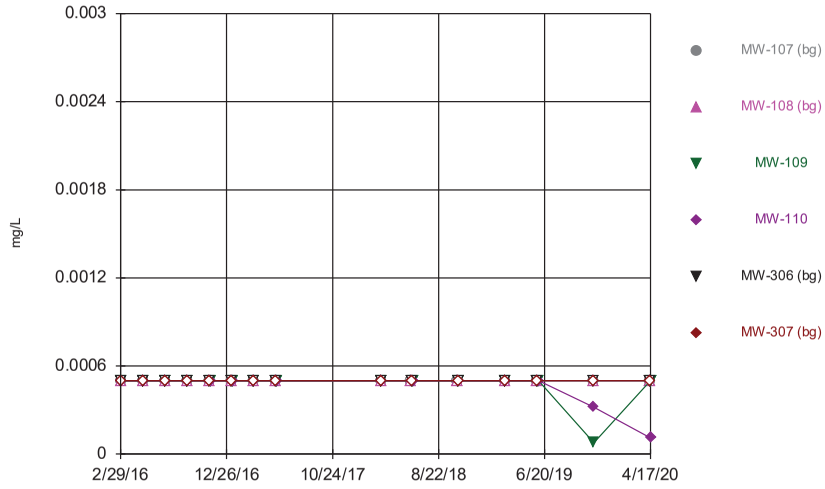
Time Series



Constituent: Cadmium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

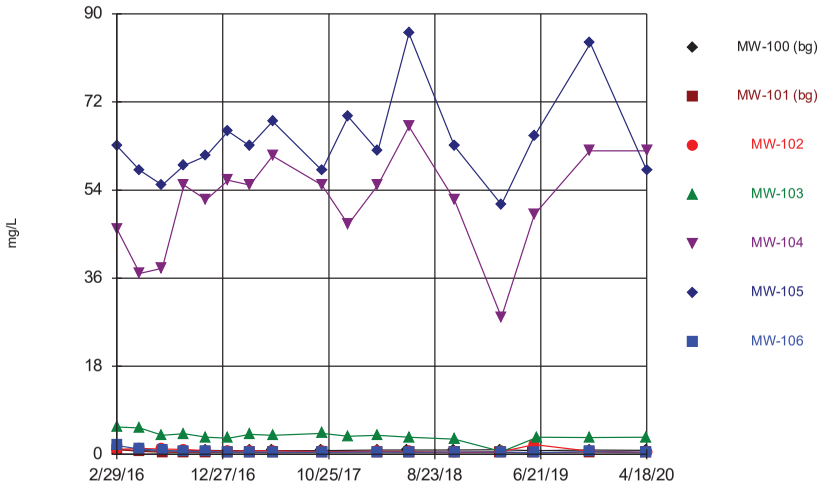
Time Series



Constituent: Cadmium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

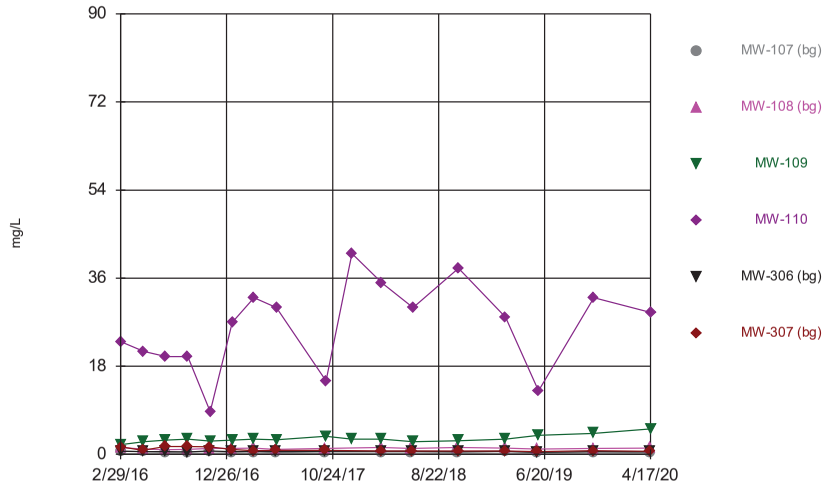
Time Series



Constituent: Calcium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

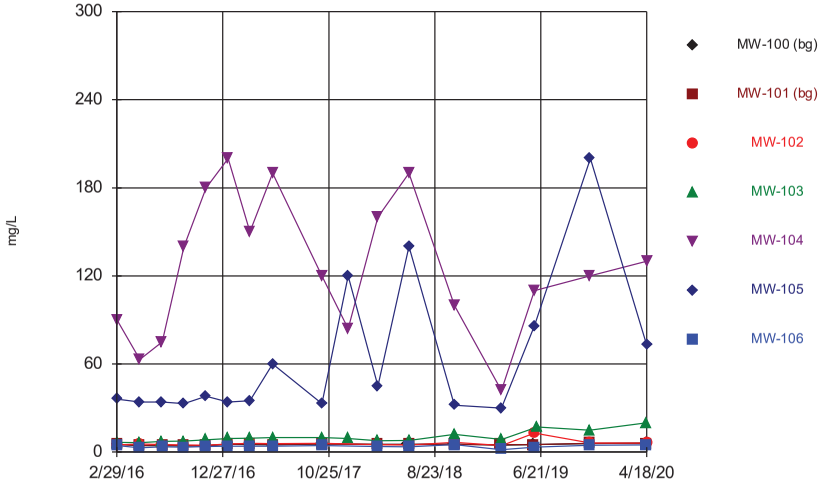
Time Series



Constituent: Calcium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

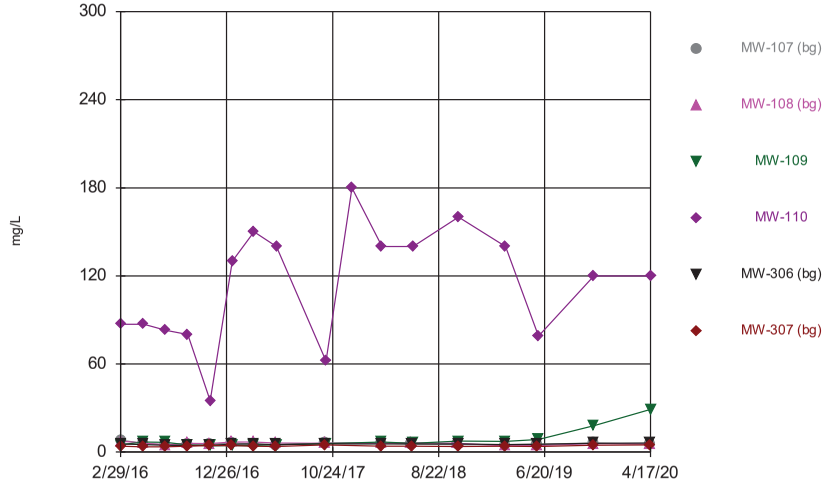
Time Series



Constituent: Chloride Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

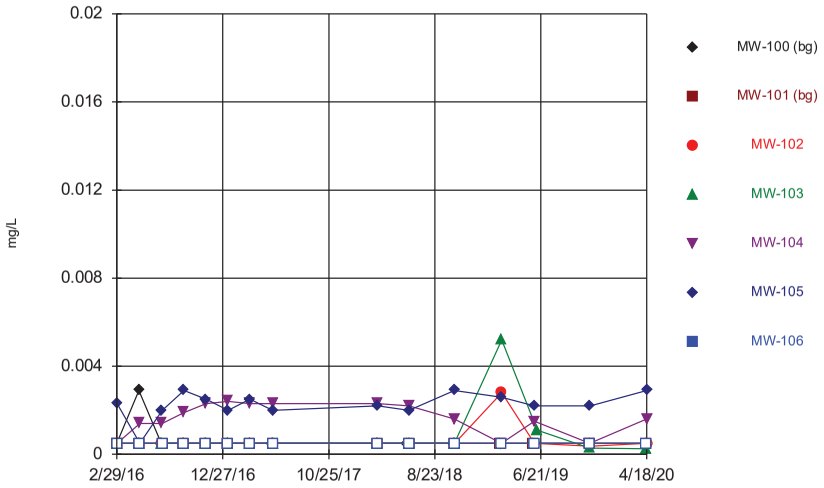
Time Series



Constituent: Chloride Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

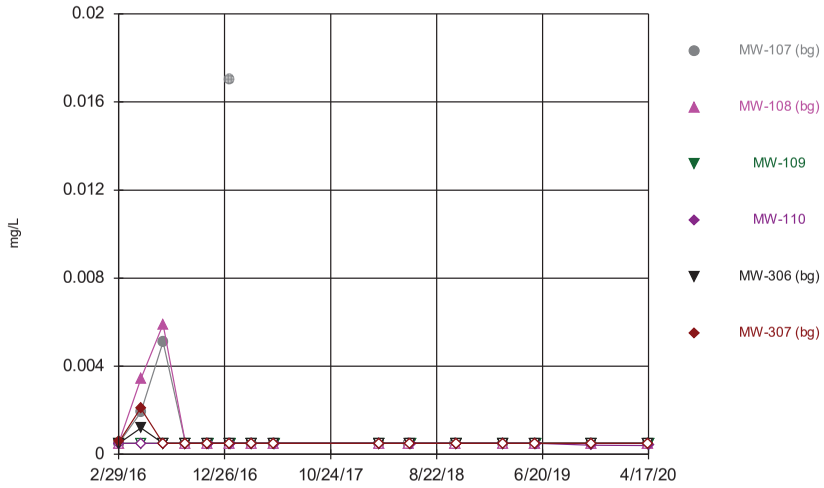
Time Series



Constituent: Chromium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

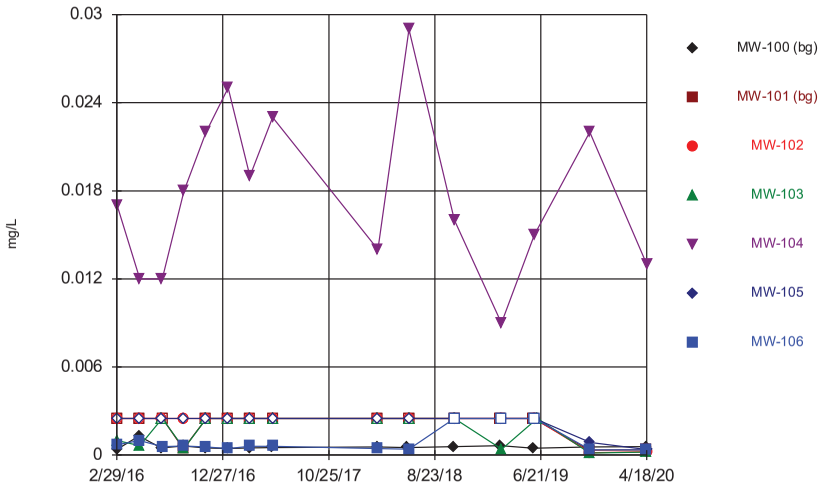
Time Series



Constituent: Chromium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

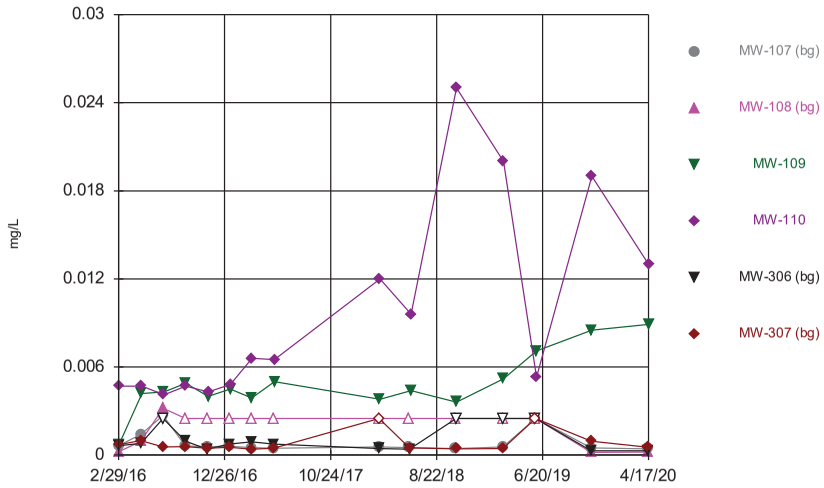
Time Series



Constituent: Cobalt Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

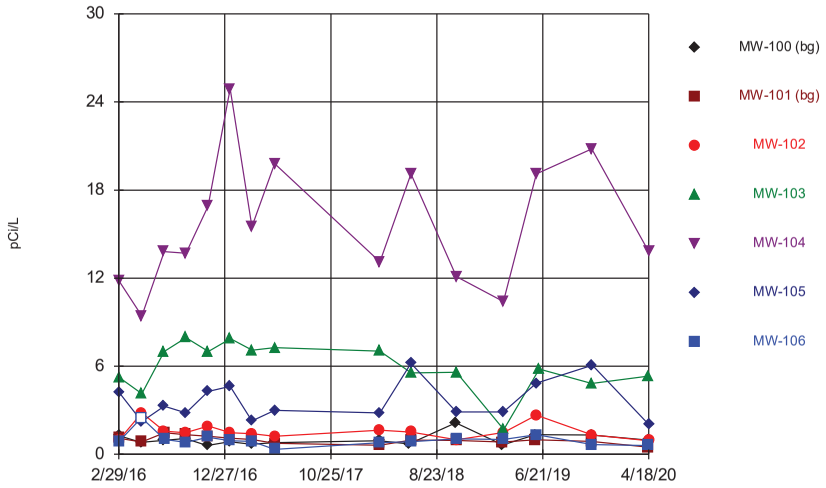
Time Series



Constituent: Cobalt Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

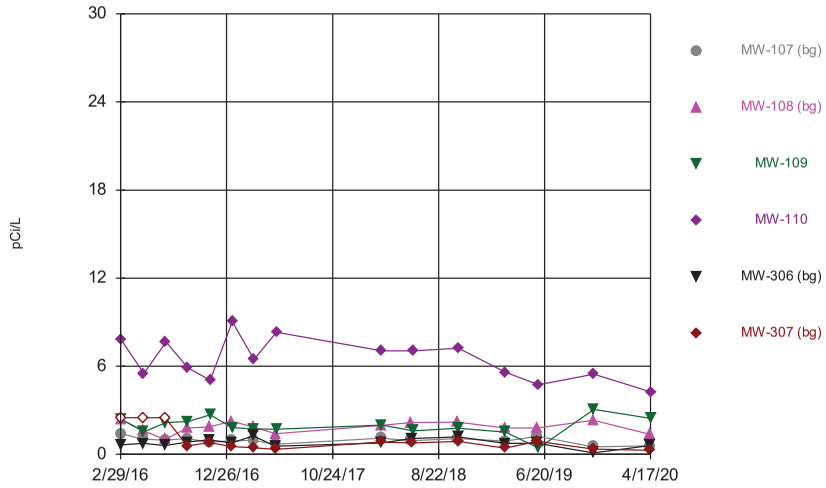
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

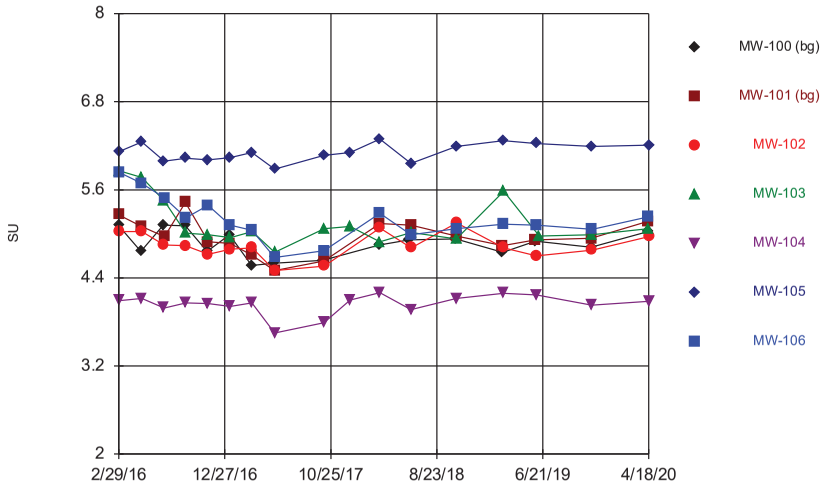
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

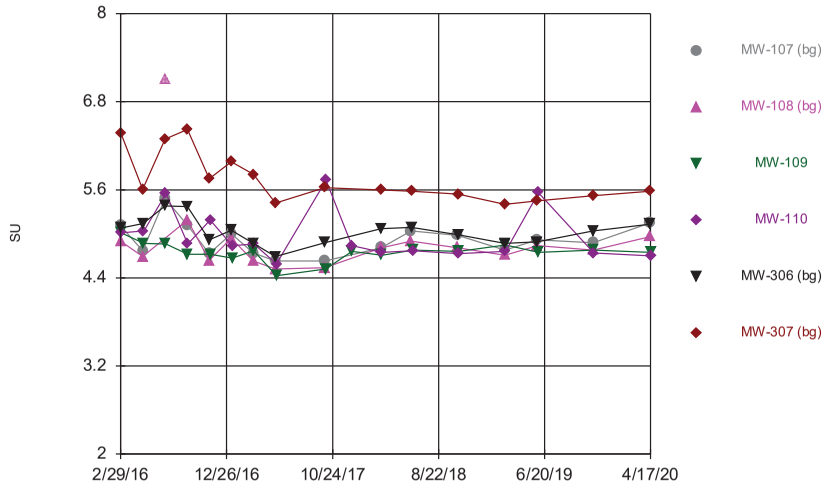
Time Series



Constituent: Field pH Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

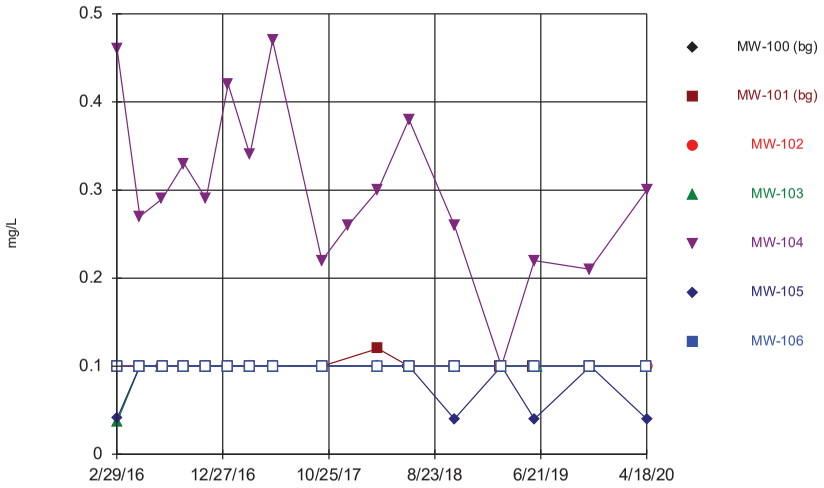
Time Series



Constituent: Field pH Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

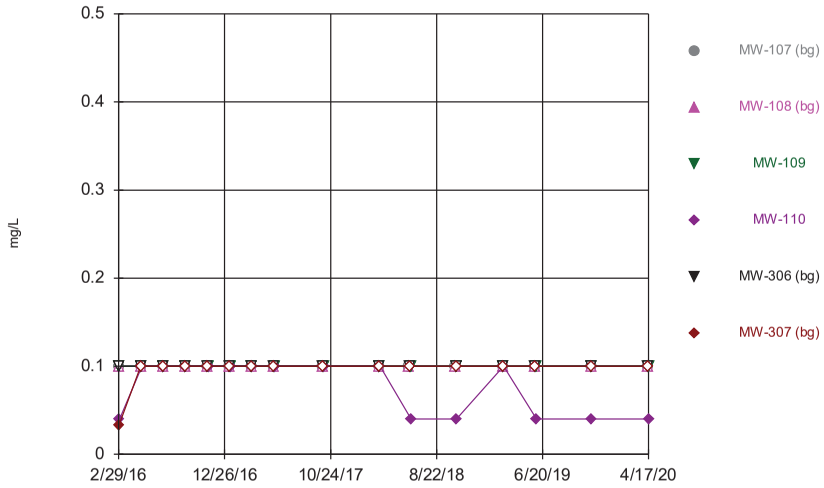
Time Series



Constituent: Fluoride Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

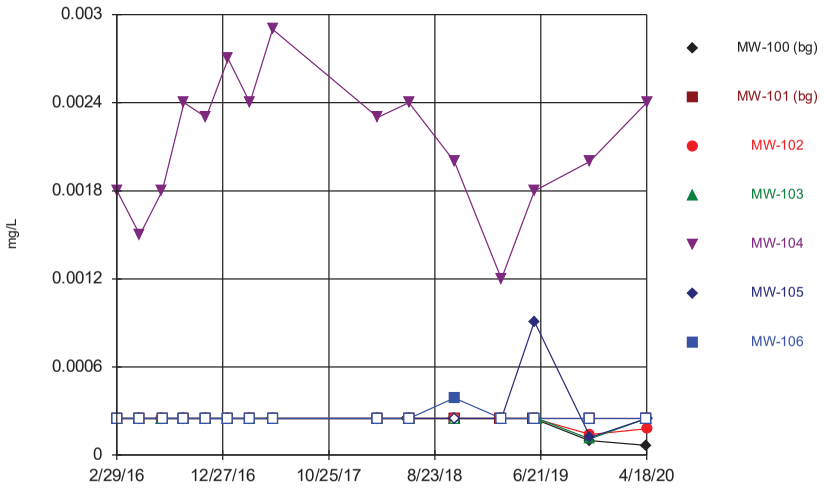
Time Series



Constituent: Fluoride Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

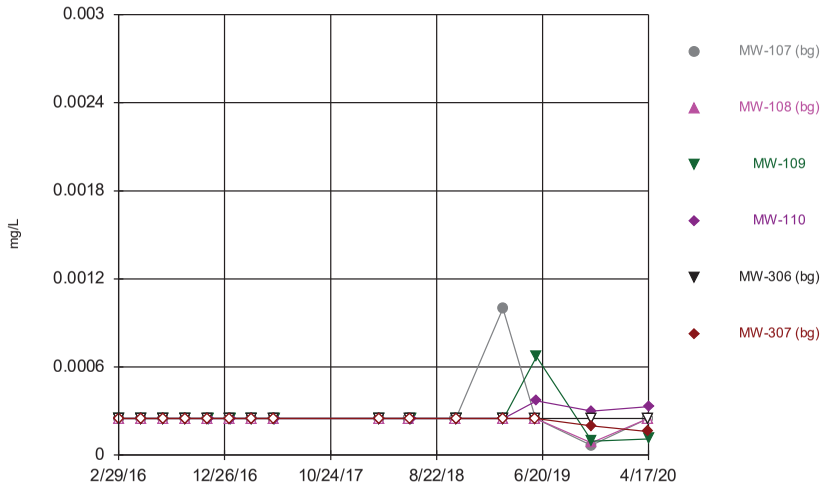
Time Series



Constituent: Lead Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

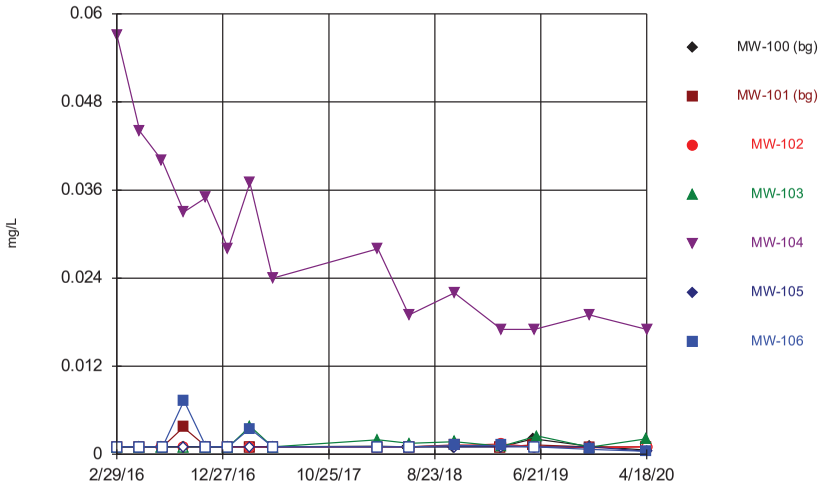
Time Series



Constituent: Lead Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

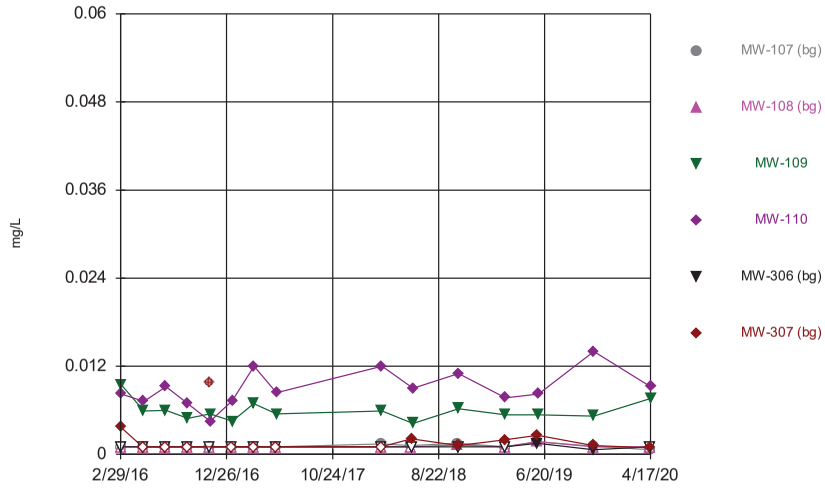
Time Series



Constituent: Lithium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

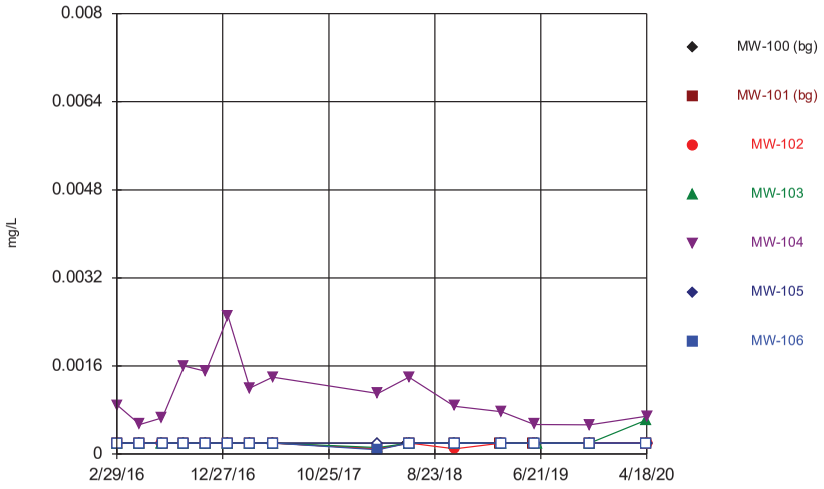
Time Series



Constituent: Lithium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

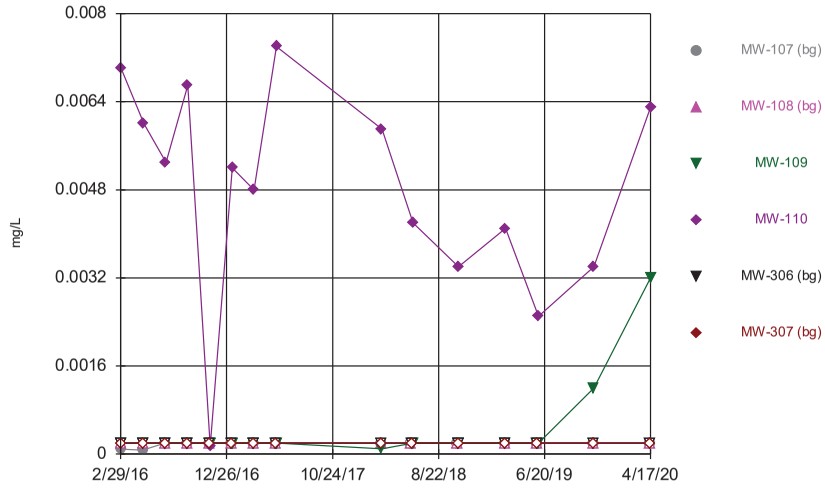
Time Series



Constituent: Mercury Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

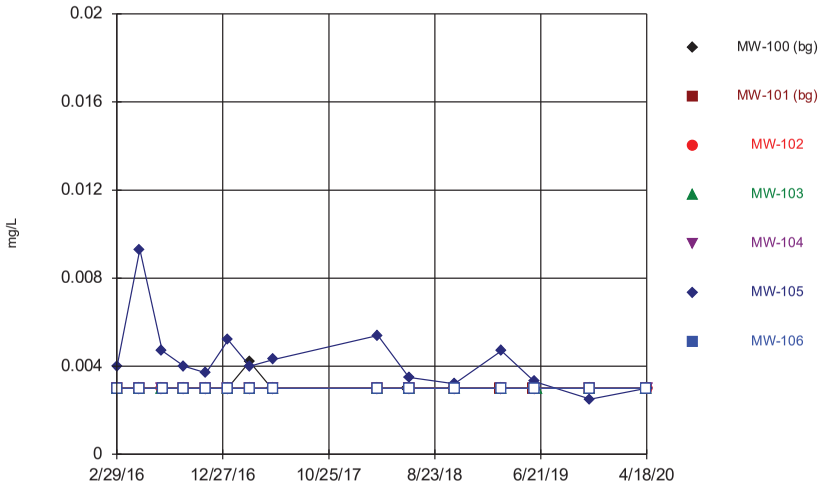
Time Series



Constituent: Mercury Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

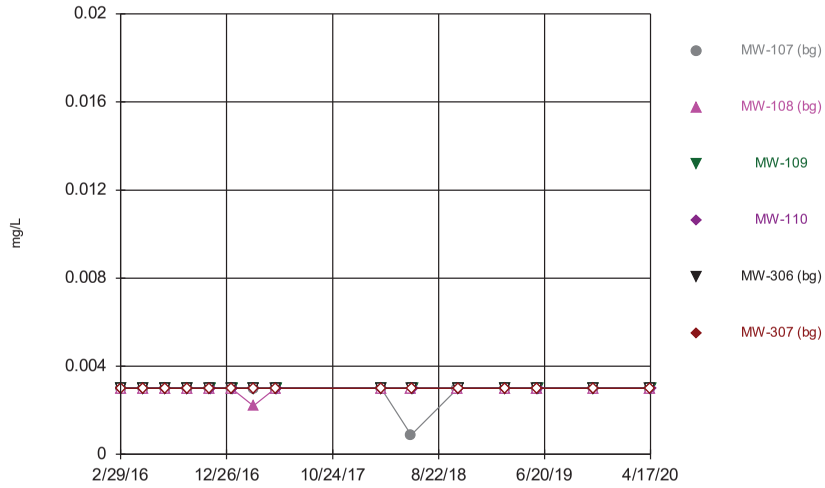
Time Series



Constituent: Molybdenum Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

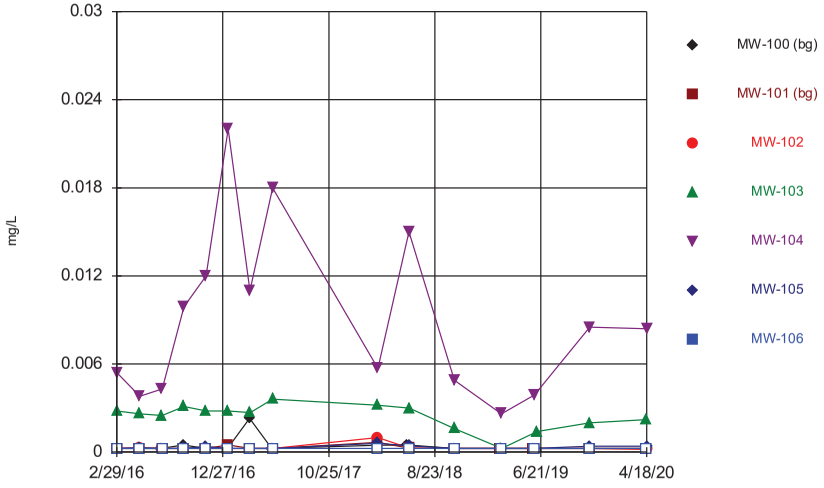
Time Series



Constituent: Molybdenum Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

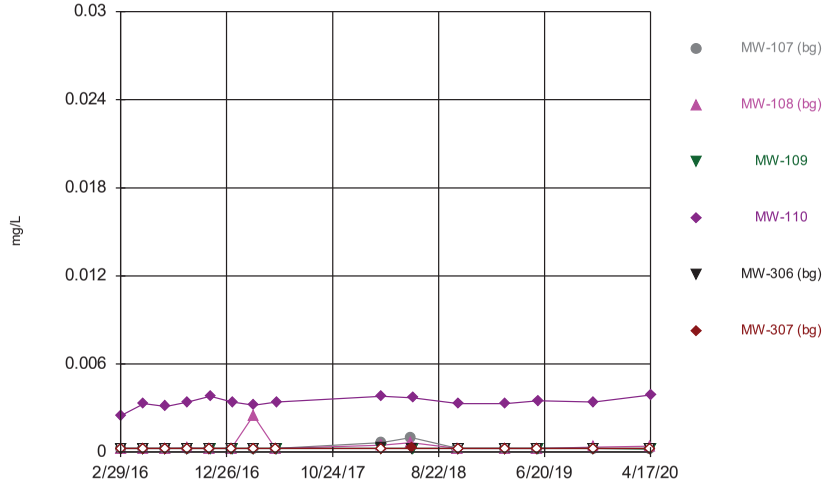
Time Series



Constituent: Selenium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

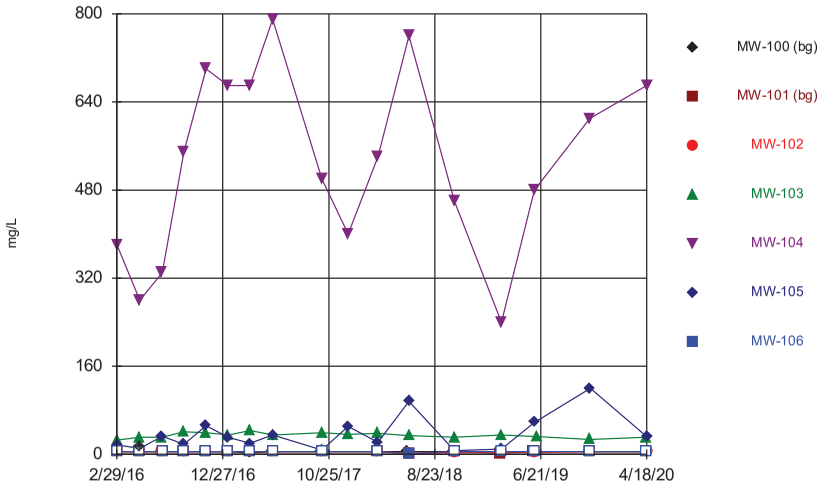
Time Series



Constituent: Selenium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

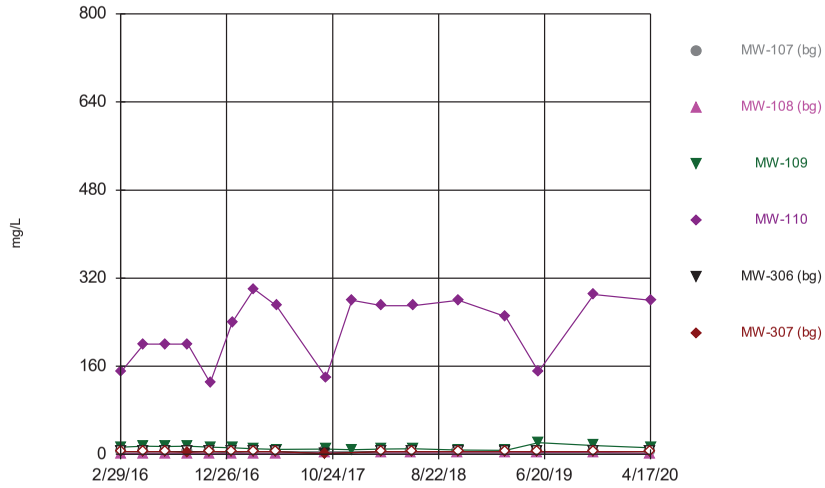
Time Series



Constituent: Sulfate Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

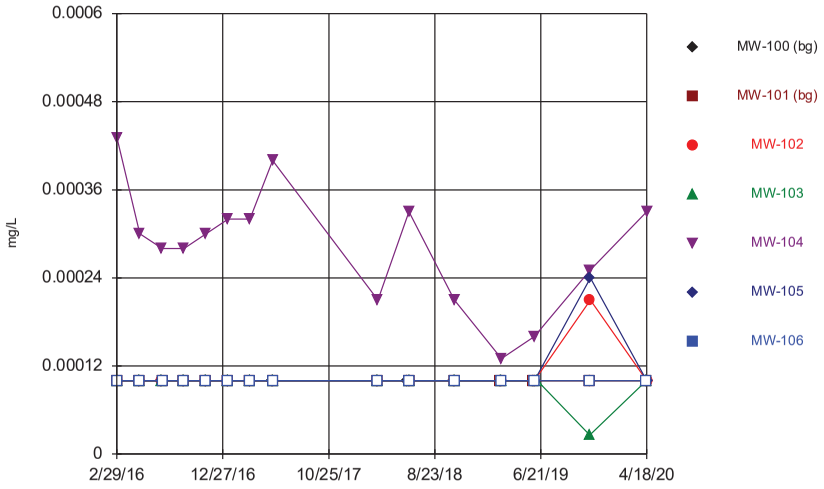
Time Series



Constituent: Sulfate Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

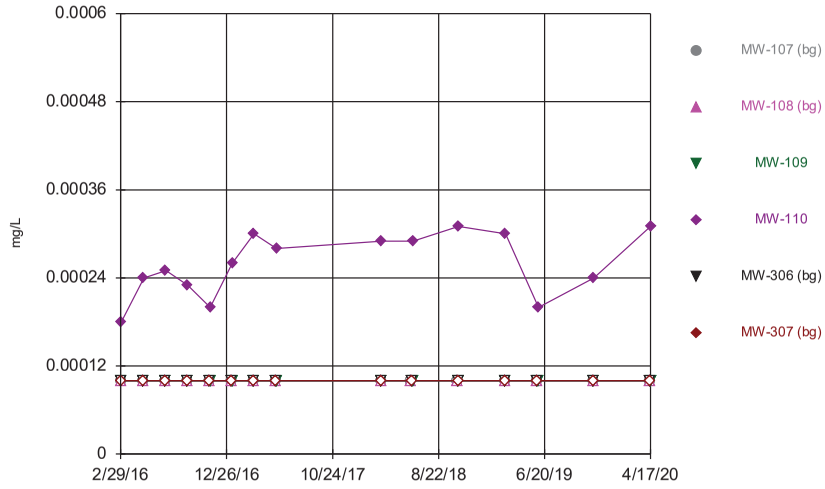
Time Series



Constituent: Thallium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

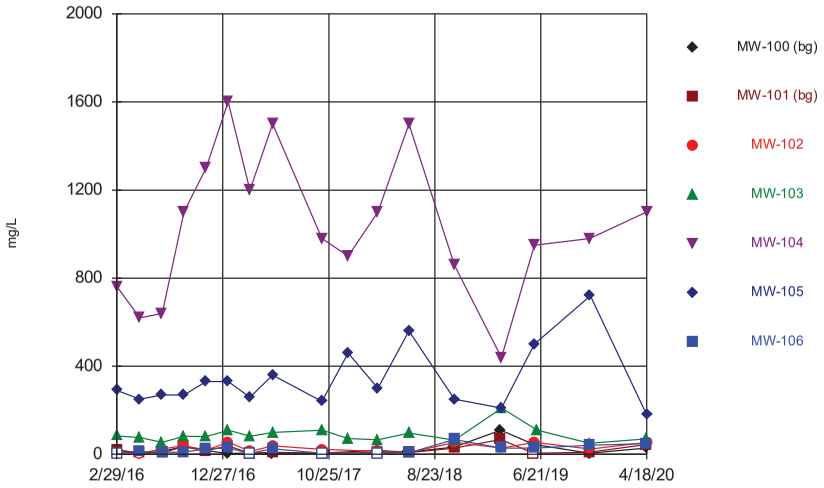
Time Series



Constituent: Thallium Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

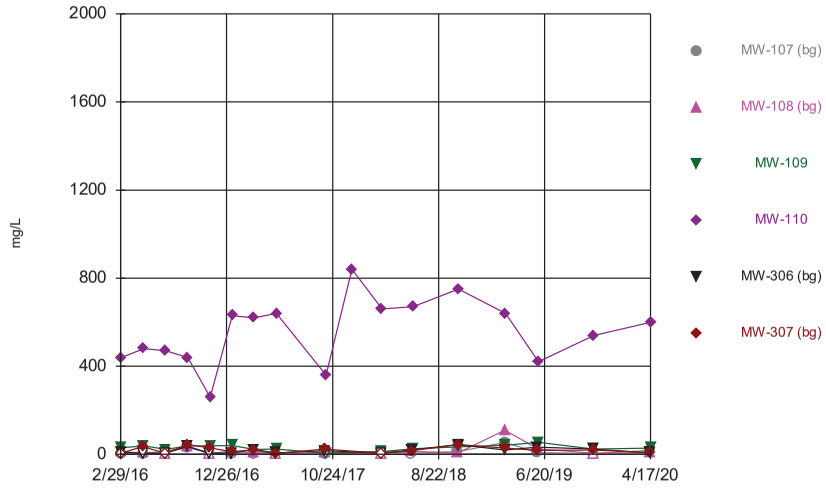
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:21 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0025	<0.0025					
3/1/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025						
5/4/2016		<0.0025					<0.0025
5/5/2016			<0.0025	<0.0025	<0.0025	<0.0025	
7/5/2016	<0.0025						
7/7/2016			<0.0025	<0.0025	<0.0025	<0.0025	
7/8/2016		<0.0025					<0.0025
9/6/2016	<0.0025	<0.0025	<0.0025				
9/7/2016				<0.0025	<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025						
11/9/2016					<0.0025	<0.0025	<0.0025
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	<0.0025						
1/11/2017		<0.0025			<0.0025	<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025			
3/13/2017	<0.0025						
3/14/2017		<0.0025			<0.0025	<0.0025	<0.0025
3/15/2017			<0.0025	<0.0025			
5/15/2017	<0.0025						
5/18/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/12/2018	<0.0025						
3/14/2018		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/5/2018	<0.0025						
6/10/2018		<0.0025			<0.0025	<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025			
10/16/2018	<0.0025						
10/18/2018		<0.0025					
2/27/2019	<0.0025	<0.0025					
3/1/2019					<0.0025	<0.0025	<0.0025
3/2/2019			<0.0025	<0.0025			
4/16/2020	<0.0025	<0.0025					
4/17/2020				<0.0025			<0.0025
4/18/2020			<0.0025		<0.0025	<0.0025	

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0025	<0.0025				
3/1/2016					<0.0025	<0.0025
3/2/2016			<0.0025	<0.0025		
5/2/2016	<0.0025	<0.0025				<0.0025
5/3/2016					<0.0025	
5/5/2016			<0.0025	<0.0025		
7/5/2016	<0.0025	<0.0025			<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025		
9/6/2016	<0.0025	<0.0025			<0.0025	<0.0025
9/7/2016			<0.0025	<0.0025		
11/7/2016	<0.0025	<0.0025			<0.0025	<0.0025
11/10/2016			<0.0025	<0.0025		
1/9/2017	<0.0025	<0.0025			<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025		
3/13/2017	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2017			<0.0025			
3/15/2017				<0.0025		
5/15/2017	<0.0025	<0.0025			<0.0025	<0.0025
5/18/2017			<0.0025	<0.0025		
3/12/2018	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2018			<0.0025	<0.0025		
6/5/2018	<0.0025	<0.0025				
6/6/2018					<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025		
10/16/2018	<0.0025	<0.0025				
10/17/2018					<0.0025	<0.0025
2/27/2019	<0.0025	<0.0025			<0.0025	<0.0025
3/1/2019			<0.0025	<0.0025		
4/16/2020	<0.0025	<0.0025			<0.0025	<0.0025
4/17/2020			<0.0025	<0.0025		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00025	<0.00025					
3/1/2016			<0.00025	<0.00025	0.0085	0.0039 (J)	<0.00025
5/2/2016	<0.00025						
5/4/2016		<0.00025					<0.00025
5/5/2016			<0.00025	<0.00025	0.0077	0.0039	
7/5/2016	<0.00025						
7/7/2016			<0.00025	<0.00025	0.0082	0.0037	
7/8/2016		<0.00025					<0.00025
9/6/2016	<0.00025	<0.00025	<0.00025				
9/7/2016				<0.00025	0.012	0.0032	<0.00025
11/7/2016	<0.00025						
11/9/2016					0.0071	0.0038	<0.00025
11/10/2016		<0.00025	0.0005 (J)	0.00051 (J)			
1/9/2017	<0.00025						
1/11/2017		<0.00025			0.0071	0.0035	<0.00025
1/12/2017			<0.00025	<0.00025			
3/13/2017	0.00069 (J)						
3/14/2017		<0.00025			0.0067	0.0036	<0.00025
3/15/2017			<0.00025	<0.00025			
5/15/2017	<0.00025						
5/18/2017		<0.00025	<0.00025	<0.00025	0.0087	0.0036	<0.00025
3/12/2018	<0.00025						
3/14/2018		<0.00025	<0.00025	<0.00025	0.0027	0.0039	<0.00025
6/5/2018	<0.00025						
6/10/2018		0.00046 (J)			0.0047	0.0034	<0.00025
6/11/2018			<0.00025	<0.00025			
10/16/2018	<0.00025						
10/18/2018		<0.00025		<0.00025	0.0019	0.0044	<0.00025
10/19/2018			<0.00025				
2/27/2019	<0.00025	<0.00025					
3/1/2019					<0.00025	0.0047	<0.00025
3/2/2019			<0.00025	<0.00025			
5/31/2019	<0.00025	<0.00025					
6/3/2019			<0.00025		0.003	0.0045	<0.00025
6/11/2019				<0.00025			
11/6/2019	0.0002 (J)	0.00019 (J)					
11/7/2019				0.00019 (J)	8.9E-05 (J)		
11/9/2019			<0.00025			0.0045	<0.00025
4/16/2020	<0.00025	<0.00025					
4/17/2020				<0.00025			<0.00025
4/18/2020			<0.00025		0.0014	0.0054	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00025	<0.00025				
3/1/2016					<0.00025	0.00038 (J)
3/2/2016			<0.00025	<0.00025		
5/2/2016	<0.00025	<0.00025				0.00073 (J)
5/3/2016					<0.00025	
5/5/2016			<0.00025	0.00061 (J)		
7/5/2016	<0.00025	<0.00025			<0.00025	0.00077 (J)
7/7/2016			<0.00025	<0.00025		
9/6/2016	<0.00025	<0.00025			<0.00025	0.0013
9/7/2016			<0.00025	<0.00025		
11/7/2016	<0.00025	<0.00025			<0.00025	<0.00025
11/10/2016			<0.00025	0.00047 (J)		
1/9/2017	<0.00025	<0.00025			<0.00025	0.00053 (J)
1/12/2017			<0.00025	<0.00025		
3/13/2017	<0.00025	0.00069 (J)			<0.00025	<0.00025
3/14/2017			<0.00025			
3/15/2017				<0.00025		
5/15/2017	<0.00025	<0.00025			<0.00025	<0.00025
5/18/2017			<0.00025	0.00051 (J)		
3/12/2018	<0.00025	<0.00025			<0.00025	<0.00025
3/14/2018			<0.00025	0.00056 (J)		
6/5/2018	<0.00025	<0.00025				
6/6/2018					<0.00025	<0.00025
6/11/2018			<0.00025	0.0005 (J)		
10/16/2018	<0.00025	<0.00025				
10/17/2018					<0.00025	<0.00025
10/18/2018			<0.00025	<0.00025		
2/27/2019	<0.00025	<0.00025			<0.00025	<0.00025
3/1/2019			<0.00025	<0.00025		
5/31/2019	<0.00025	<0.00025			<0.00025	<0.00025
6/3/2019			<0.00025	<0.00025		
11/6/2019	0.0002 (J)	0.00012 (J)			0.00014 (J)	0.00024 (J)
11/7/2019			0.00025 (V)	0.0002 (J)		
4/16/2020	<0.00025	<0.00025			<0.00025	<0.00025
4/17/2020			<0.00025	0.00012 (J)		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	0.014	0.0097 (J)					
3/1/2016			0.0081 (J)	0.055	0.017	0.043	0.016
5/2/2016	0.013						
5/4/2016		0.0095					0.012
5/5/2016			0.011	0.056	0.018	0.033	
7/5/2016	0.013						
7/7/2016			0.012	0.055	0.02	0.042	
7/8/2016		0.0093					0.015
9/6/2016	0.016	0.011	0.012				
9/7/2016				0.07	0.027	0.043	0.012
11/7/2016	0.014						
11/9/2016					0.022	0.046	0.01
11/10/2016		0.0092	0.0099	0.061			
1/9/2017	0.015						
1/11/2017		0.0092			0.03	0.042	0.01
1/12/2017			0.0085	0.058			
3/13/2017	0.015						
3/14/2017		0.0095			0.02	0.038	0.0097
3/15/2017			0.009	0.07			
5/15/2017	0.015						
5/18/2017		0.0095	0.0095	0.068	0.027	0.051	0.01
3/12/2018	0.017						
3/14/2018		0.0089	0.0084	0.052	0.025	0.038	0.0096
6/5/2018	0.018						
6/10/2018		0.0092			0.025	0.055	0.0089
6/11/2018			0.0089	0.053			
10/16/2018	0.017						
10/18/2018		0.0089		0.052	0.021	0.035	0.0096
10/19/2018			0.0085				
2/27/2019	0.021	0.011					
3/1/2019					0.018	0.032	0.0095
3/2/2019			0.01	0.011			
5/31/2019	0.02	0.0088					
6/3/2019			0.012		0.031	0.05	0.0098
6/11/2019				0.043			
11/6/2019	0.019	0.0094					
11/7/2019				0.04	0.02		
11/9/2019			0.011			0.06	0.011
4/16/2020	0.02	0.0099					
4/17/2020				0.05			0.012
4/18/2020			0.012		0.021	0.045	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	0.013	0.013				
3/1/2016					0.012	0.015
3/2/2016			0.022	0.058		
5/2/2016	0.013	0.01				0.013
5/3/2016					0.012	
5/5/2016			0.02	0.05		
7/5/2016	0.013	0.0089			0.011	0.017
7/7/2016			0.021	0.044		
9/6/2016	0.013	0.01			0.012	0.017
9/7/2016			0.023	0.051		
11/7/2016	0.013	0.0096			0.012	0.023
11/10/2016			0.019	0.046		
1/9/2017	0.012	0.011			0.013	0.016
1/12/2017			0.018	0.047		
3/13/2017	0.013	0.011			0.013	0.016
3/14/2017			0.02			
3/15/2017				0.046		
5/15/2017	0.011	0.0089			0.012	0.015
5/18/2017			0.019	0.045		
3/12/2018	0.013	0.01			0.013	0.015
3/14/2018			0.017	0.036		
6/5/2018	0.014	0.011				
6/6/2018					0.014	0.017
6/11/2018			0.016	0.036		
10/16/2018	0.011	0.011				
10/17/2018					0.012	0.016
10/18/2018			0.019	0.035		
2/27/2019	0.014	0.011			0.015	0.018
3/1/2019			0.018	0.036		
5/31/2019	0.013	0.01			0.014	0.016
6/3/2019			0.017	0.04		
11/6/2019	0.012	0.0097			0.013	0.017
11/7/2019			0.019	0.027		
4/16/2020	0.012	0.012			0.014	0.017
4/17/2020			0.026	0.032		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0005	<0.0005					
3/1/2016			<0.0005	<0.0005	0.0013 (J)	<0.0005	<0.0005
5/2/2016	<0.0005						
5/4/2016		<0.0005					<0.0005
5/5/2016			<0.0005	<0.0005	0.00088 (J)	<0.0005	
7/5/2016	<0.0005						
7/7/2016			<0.0005	<0.0005	0.001 (J)	<0.0005	
7/8/2016		<0.0005					<0.0005
9/6/2016	<0.0005	<0.0005	<0.0005				
9/7/2016				<0.0005	0.00078 (J)	<0.0005	<0.0005
11/7/2016	<0.0005						
11/9/2016					0.0012 (J)	<0.0005	<0.0005
11/10/2016		<0.0005	<0.0005	<0.0005			
1/9/2017	<0.0005						
1/11/2017		<0.0005			0.0014 (J)	<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005			
3/13/2017	<0.0005						
3/14/2017		<0.0005			0.0013 (J)	<0.0005	<0.0005
3/15/2017			<0.0005	<0.0005			
5/15/2017	<0.0005						
5/18/2017		<0.0005	<0.0005	<0.0005	0.0016 (J)	<0.0005	<0.0005
3/12/2018	<0.0005						
3/14/2018		<0.0005	<0.0005	<0.0005	0.0011 (J)	<0.0005	<0.0005
6/5/2018	<0.0005						
6/10/2018		<0.0005			0.0011 (J)	<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005			
10/16/2018	<0.0005						
10/18/2018		<0.0005		<0.0005	0.00084 (J)	<0.0005	<0.0005
10/19/2018			<0.0005				
2/27/2019	<0.0005	<0.0005					
3/1/2019					0.00057 (J)	<0.0005	<0.0005
3/2/2019			<0.0005	<0.0005			
5/31/2019	<0.0005	<0.0005					
6/3/2019			<0.0005		0.00074 (J)	<0.0005	<0.0005
6/11/2019				<0.0005			
11/6/2019	9E-05 (J)	4.7E-05 (J)					
11/7/2019				<0.0005	0.00065		
11/9/2019			<0.0005			<0.0005	<0.0005
4/16/2020	5.4E-05 (J)	4.3E-05 (J)					
4/17/2020				<0.0005			<0.0005
4/18/2020			0.00011 (J)		0.00096	<0.0005	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0005	<0.0005				
3/1/2016					<0.0005	<0.0005
3/2/2016			<0.0005	<0.0005		
5/2/2016	<0.0005	<0.0005				<0.0005
5/3/2016					<0.0005	
5/5/2016			<0.0005	<0.0005		
7/5/2016	<0.0005	<0.0005			<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005		
9/6/2016	<0.0005	<0.0005			<0.0005	<0.0005
9/7/2016			<0.0005	<0.0005		
11/7/2016	<0.0005	<0.0005			<0.0005	<0.0005
11/10/2016			<0.0005	<0.0005		
1/9/2017	<0.0005	<0.0005			<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005		
3/13/2017	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2017			<0.0005			
3/15/2017				<0.0005		
5/15/2017	<0.0005	<0.0005			<0.0005	<0.0005
5/18/2017			<0.0005	<0.0005		
3/12/2018	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2018			<0.0005	<0.0005		
6/5/2018	<0.0005	<0.0005				
6/6/2018					<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005		
10/16/2018	<0.0005	<0.0005				
10/17/2018					<0.0005	<0.0005
10/18/2018			<0.0005	<0.0005		
2/27/2019	<0.0005	<0.0005			<0.0005	<0.0005
3/1/2019			<0.0005	<0.0005		
5/31/2019	<0.0005	<0.0005			<0.0005	<0.0005
6/3/2019			<0.0005	<0.0005		
11/6/2019	6.6E-05 (J)	<0.0005			<0.0005	<0.0005
11/7/2019			<0.0005	8.4E-05 (J)		
4/16/2020	6.1E-05 (J)	<0.0005			<0.0005	<0.0005
4/17/2020			4.4E-05 (J)	0.00013 (J)		

Time Series

Constituent: Boron (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.05	<0.05					
3/1/2016			<0.05	<0.05	8.7	<0.05	<0.05
5/2/2016	<0.05						
5/4/2016		<0.05					<0.05
5/5/2016			<0.05	<0.05	7.8	<0.05	
7/5/2016	<0.05						
7/7/2016			<0.05	0.33	7	1	
7/8/2016		<0.05					<0.05
9/6/2016	<0.05	<0.05	<0.05				
9/7/2016				0.37	12	0.53	0.022 (J)
11/7/2016	<0.05						
11/9/2016					9.6	1.6	<0.05
11/10/2016		<0.05	<0.05	0.43			
1/9/2017	<0.05						
1/11/2017		<0.05			11	0.9	<0.05
1/12/2017			<0.05	0.44			
3/13/2017	<0.05						
3/14/2017		<0.05			10	0.63	0.071
3/15/2017			<0.05	0.46			
5/15/2017	<0.05						
5/18/2017		<0.05	<0.05	0.44	15	1.5	<0.05
10/2/2017	<0.05						
10/5/2017		<0.05			12	0.32	<0.05
10/6/2017			<0.05	0.37			
12/19/2017				0.35 (R)	11 (R)	1.6 (R)	
3/12/2018	<0.05						
3/14/2018		<0.05	<0.05	0.32	11	0.7	<0.05
6/5/2018	<0.05						
6/10/2018		<0.05			12	2.4	0.066
6/11/2018			<0.05	0.26			
10/16/2018	<0.05						
10/18/2018		0.081		0.25	9.6	0.43	0.067
10/19/2018			0.34				
2/27/2019	<0.05	<0.05					
3/1/2019					6.5	0.4	0.048 (J)
3/2/2019			<0.05	<0.05			
5/31/2019	<0.05	<0.05					
6/3/2019			0.17		11	1.7	<0.05
6/11/2019				0.39			
11/6/2019	0.017 (V)	0.016 (V)					
11/7/2019				0.19	11		
11/9/2019			0.023 (J)			1.8	0.097 (V)
4/16/2020	0.02	0.013					
4/17/2020				0.31			0.07
4/18/2020			0.012		11	1.7	

Time Series

Constituent: Boron (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.05	<0.05				
3/1/2016					<0.05	<0.05
3/2/2016			<0.05	3		
5/2/2016	<0.05	<0.05				<0.05
5/3/2016					<0.05	
5/5/2016			<0.05	2.9		
7/5/2016	<0.05	<0.05			<0.05	<0.05
7/7/2016			0.1	3		
9/6/2016	<0.05	<0.05			<0.05	<0.05
9/7/2016			0.073	3.8		
11/7/2016	<0.05	<0.05			<0.05	<0.05
11/10/2016			0.073	2.1		
1/9/2017	<0.05	<0.05			<0.05	<0.05
1/12/2017			0.059	4		
3/13/2017	<0.05	0.022 (J)			<0.05	<0.05
3/14/2017			0.044 (J)			
3/15/2017				4.2		
5/15/2017	<0.05	<0.05			<0.05	<0.05
5/18/2017			<0.05	4.4		
10/2/2017	<0.05	0.023 (J)			<0.05	<0.05
10/5/2017			0.047 (J)			
10/6/2017				2.3		
12/19/2017				5.3 (R)		
3/12/2018	<0.05	<0.05			<0.05	<0.05
3/14/2018			<0.05	4.6		
6/5/2018	<0.05	<0.05				
6/6/2018					<0.05	<0.05
6/11/2018			0.11	4.2		
10/16/2018	<0.05	<0.05				
10/17/2018					<0.05	<0.05
10/18/2018			0.15	4.3		
2/27/2019	<0.05	<0.05			<0.05	<0.05
3/1/2019			0.23	3.8		
5/31/2019	<0.05	<0.05			<0.05	<0.05
6/3/2019			0.45	3		
11/6/2019	0.016 (V)	0.022 (V)			0.011 (V)	0.0099 (J)
11/7/2019			0.42	4.2		
4/16/2020	0.013	0.017			0.0075 (J)	0.0055 (J)
4/17/2020			0.83	4.6		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0005	<0.0005					
3/1/2016			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/2/2016	<0.0005						
5/4/2016		<0.0005					<0.0005
5/5/2016			<0.0005	<0.0005	<0.0005	<0.0005	
7/5/2016	<0.0005						
7/7/2016			<0.0005	<0.0005	<0.0005	<0.0005	
7/8/2016		<0.0005					<0.0005
9/6/2016	<0.0005	<0.0005	<0.0005				
9/7/2016				<0.0005	<0.0005	<0.0005	<0.0005
11/7/2016	<0.0005						
11/9/2016					<0.0005	<0.0005	<0.0005
11/10/2016		<0.0005	<0.0005	<0.0005			
1/9/2017	<0.0005						
1/11/2017		<0.0005			0.00049 (J)	<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005			
3/13/2017	<0.0005						
3/14/2017		<0.0005			<0.0005	<0.0005	<0.0005
3/15/2017			<0.0005	<0.0005			
5/15/2017	<0.0005						
5/18/2017		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/12/2018	<0.0005						
3/14/2018		<0.0005	<0.0005	<0.0005	0.00052 (J)	<0.0005	<0.0005
6/5/2018	<0.0005						
6/10/2018		<0.0005			0.00049 (J)	<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005			
10/16/2018	<0.0005						
10/18/2018		<0.0005		<0.0005	0.00044 (J)	<0.0005	<0.0005
10/19/2018			<0.0005				
2/27/2019	<0.0005	<0.0005					
3/1/2019					0.00038 (J)	<0.0005	<0.0005
3/2/2019			<0.0005	<0.0005			
5/31/2019	<0.0005	<0.0005					
6/3/2019			<0.0005		0.0006 (J)	<0.0005	<0.0005
6/11/2019				<0.0005			
11/6/2019	<0.0005	<0.0005					
11/7/2019				<0.0005	0.00075		
11/9/2019			<0.0005			<0.0005	<0.0005
4/16/2020	<0.0005	<0.0005					
4/17/2020				<0.0005			<0.0005
4/18/2020			<0.0005		0.00037 (J)	<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0005	<0.0005				
3/1/2016					<0.0005	<0.0005
3/2/2016			<0.0005	<0.0005		
5/2/2016	<0.0005	<0.0005				<0.0005
5/3/2016					<0.0005	
5/5/2016			<0.0005	<0.0005		
7/5/2016	<0.0005	<0.0005			<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005		
9/6/2016	<0.0005	<0.0005			<0.0005	<0.0005
9/7/2016			<0.0005	<0.0005		
11/7/2016	<0.0005	<0.0005			<0.0005	<0.0005
11/10/2016			<0.0005	<0.0005		
1/9/2017	<0.0005	<0.0005			<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005		
3/13/2017	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2017			<0.0005			
3/15/2017				<0.0005		
5/15/2017	<0.0005	<0.0005			<0.0005	<0.0005
5/18/2017			<0.0005	<0.0005		
3/12/2018	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2018			<0.0005	<0.0005		
6/5/2018	<0.0005	<0.0005				
6/6/2018					<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005		
10/16/2018	<0.0005	<0.0005				
10/17/2018					<0.0005	<0.0005
10/18/2018			<0.0005	<0.0005		
2/27/2019	<0.0005	<0.0005			<0.0005	<0.0005
3/1/2019			<0.0005	<0.0005		
5/31/2019	<0.0005	<0.0005			<0.0005	<0.0005
6/3/2019			<0.0005	<0.0005		
11/6/2019	<0.0005	<0.0005			<0.0005	<0.0005
11/7/2019			7.8E-05 (J)	0.00032 (J)		
4/16/2020	<0.0005	<0.0005			<0.0005	<0.0005
4/17/2020			<0.0005	0.00011 (J)		

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	1	1 (J)					
3/1/2016			0.99 (J)	5.6	46	63	1.8
5/2/2016	0.78						
5/4/2016		0.62					1.1
5/5/2016			1.2	5.4	37	58	
7/5/2016	0.65						
7/7/2016			1.1	3.9	38	55	
7/8/2016		0.4					0.82
9/6/2016	0.7	0.45	1				
9/7/2016				4.2	55	59	0.57
11/7/2016	0.8						
11/9/2016					52	61	0.62
11/10/2016		0.44	0.73	3.5			
1/9/2017	0.74						
1/11/2017		0.42			56	66	0.44
1/12/2017			0.63	3.3			
3/13/2017	0.78						
3/14/2017		0.42			55	63	0.46
3/15/2017			0.72	4.1			
5/15/2017	0.76						
5/18/2017		0.38	0.71	3.9	61	68	0.41
10/2/2017	0.78						
10/5/2017		0.39			55	58	0.39
10/6/2017			0.56	4.3			
12/19/2017				3.7 (R)	47 (R)	69 (R)	
3/12/2018	0.88						
3/14/2018		0.49	0.63	3.9	55	62	0.47
6/5/2018	0.9						
6/10/2018		0.39			67	86	0.39
6/11/2018			0.55	3.5			
10/16/2018	0.86						
10/18/2018		0.41		3.1	52	63	0.47
10/19/2018			0.37				
2/27/2019	0.96	0.44					
3/1/2019					28	51	0.46
3/2/2019			0.57	0.56			
5/31/2019	0.76	0.28					
6/3/2019			2		49	65	0.38
6/11/2019				3.5			
11/6/2019	0.88	0.46					
11/7/2019				3.4	62		
11/9/2019			0.61 (V)			84	0.56 (V)
4/16/2020	0.84	0.38					
4/17/2020				3.5			0.42
4/18/2020			0.45		62	58	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	0.67	1.4				
3/1/2016					0.6	1.5
3/2/2016			2	23		
5/2/2016	0.58	1.1				0.83
5/3/2016					0.55	
5/5/2016			2.6	21		
7/5/2016	0.43	0.94			0.53	1.6
7/7/2016			2.9	20		
9/6/2016	0.48	1			0.5	1.6
9/7/2016			3.1	20		
11/7/2016	0.56	1.2			0.68	1.5
11/10/2016			2.7	8.7		
1/9/2017	0.43	1.2			0.56	0.98
1/12/2017			2.9	27		
3/13/2017	0.48	1.3			0.62	0.75
3/14/2017			3.1			
3/15/2017				32		
5/15/2017	0.37	1			0.58	0.83
5/18/2017			3	30		
10/2/2017	0.47	1.2			0.62	0.83
10/5/2017			3.7			
10/6/2017				15		
12/19/2017			3.1 (R)	41 (R)		
3/12/2018	0.49	1.4			0.59	0.71
3/14/2018			3.1	35		
6/5/2018	0.49	1.2				
6/6/2018					0.59	0.68
6/11/2018			2.6	30		
10/16/2018	0.42	1.4				
10/17/2018					0.54	0.66
10/18/2018			2.8	38		
2/27/2019	0.56	1.3			0.63	0.7
3/1/2019			3.1	28		
5/31/2019	0.33	1.1			0.45	0.52
6/3/2019			3.9	13		
11/6/2019	0.49	1.2			0.55	0.74
11/7/2019			4.3	32		
4/16/2020	0.36	1.3			0.53	0.59
4/17/2020			5.2	29		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	5.3	5.4					
3/1/2016			4.8	6.6	90	36	4.4
5/2/2016	4.4						
5/4/2016		4.5					3
5/5/2016			5.6	6.5	63	34	
7/5/2016	4.2						
7/7/2016			5	7.3	75	34	
7/8/2016		4.9					3.5
9/6/2016	4.3	4.3	4.8				
9/7/2016				7.4	140	33	3.3
11/7/2016	4.2						
11/9/2016					180	38	3.9
11/10/2016		4.5	4.7	8.4			
1/9/2017	5.3						
1/11/2017		5.3			200	34	4.1
1/12/2017			5.6	9.2			
3/13/2017	5.2						
3/14/2017		5.5			150	35	4
3/15/2017			5.9	9.5			
5/15/2017	4.8						
5/18/2017		5	5.7	9.9	190	60	4
10/2/2017	5.5						
10/5/2017		5.6			120	33	4.5
10/6/2017			6	10			
12/19/2017				9.3 (R)	84 (R)	120 (R)	
3/12/2018	5.3						
3/14/2018		5.2	5.2	7.7	160	45	3.7
6/5/2018	5.3						
6/10/2018		5.2			190	140	3.6
6/11/2018			4.9	8			
10/16/2018	5.5						
10/18/2018		5.2		12	100	32	5
10/19/2018			6.7				
2/27/2019	4.6	5.1					
3/1/2019					42	30	1.7 (J)
3/2/2019			4.4	8.5			
5/31/2019	5.1	5					
6/3/2019			13		110	86	3.3
6/11/2019				17			
11/6/2019	5.8	6					
11/7/2019				15	120		
11/9/2019			6.1			200	4.7
4/16/2020	6.1	5.8					
4/17/2020				20			4.8
4/18/2020			6.3		130	73	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	8.1	7.4				
3/1/2016					5.6	4
3/2/2016			5	87		
5/2/2016	6	6.3				3.6
5/3/2016					5.1	
5/5/2016			6.8	87		
7/5/2016	5.2	4.8			4.7	3.6
7/7/2016			6.7	83		
9/6/2016	5.5	6			4.4	4
9/7/2016			4.8	80		
11/7/2016	5.4	5.7			4.6	4.4
11/10/2016			4.2	35		
1/9/2017	6.1	6.8			5.3	4.4
1/12/2017			4.4	130		
3/13/2017	5.5	6.8			5.6	4.1
3/14/2017			4.4			
3/15/2017				150		
5/15/2017	4.7	6.1			5.2	3.7
5/18/2017			5	140		
10/2/2017	6.1	6			5.5	4.8
10/5/2017			5.8			
10/6/2017				62		
12/19/2017				180 (R)		
3/12/2018	6.1	5.9			5.6	4
3/14/2018			6.9	140		
6/5/2018	5.5	6.5				
6/6/2018					5.6	4.1
6/11/2018			6	140		
10/16/2018	5.1	5.9				
10/17/2018					5.5	3.7
10/18/2018			7.5	160		
2/27/2019	5	4.3			5.1	4
3/1/2019			7.2	140		
5/31/2019	5.4	4.5			5.4	3.7
6/3/2019			8.5	79		
11/6/2019	6.1	5.7			5.9	4.7
11/7/2019			18	120		
4/16/2020	5.3	5.6			6.2	4.9
4/17/2020			29	120		

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0005	<0.0005					
3/1/2016			<0.0005	<0.0005	<0.0005	0.0023 (J)	<0.0005
5/2/2016	0.0029						
5/4/2016		<0.0005					<0.0005
5/5/2016			<0.0005	<0.0005	0.0014 (J)	<0.0005	
7/5/2016	<0.0005						
7/7/2016			<0.0005	<0.0005	0.0014 (J)	0.002 (J)	
7/8/2016		<0.0005					<0.0005
9/6/2016	<0.0005	<0.0005	<0.0005				
9/7/2016				<0.0005	0.0019 (J)	0.0029	<0.0005
11/7/2016	<0.0005						
11/9/2016					0.0023 (J)	0.0025	<0.0005
11/10/2016		<0.0005	<0.0005	<0.0005			
1/9/2017	<0.0005						
1/11/2017		<0.0005			0.0024 (J)	0.002 (J)	<0.0005
1/12/2017			<0.0005	<0.0005			
3/13/2017	<0.0005						
3/14/2017		<0.0005			0.0023 (J)	0.0025	<0.0005
3/15/2017			<0.0005	<0.0005			
5/15/2017	<0.0005						
5/18/2017		<0.0005	<0.0005	<0.0005	0.0023 (J)	0.002 (J)	<0.0005
3/12/2018	<0.0005						
3/14/2018		<0.0005	<0.0005	<0.0005	0.0023 (J)	0.0022 (J)	<0.0005
6/5/2018	<0.0005						
6/10/2018		<0.0005			0.0022 (J)	0.002 (J)	<0.0005
6/11/2018			<0.0005	<0.0005			
10/16/2018	<0.0005						
10/18/2018		<0.0005		<0.0005	0.0016 (J)	0.0029	<0.0005
10/19/2018			<0.0005				
2/27/2019	<0.0005	<0.0005					
3/1/2019					<0.0005	0.0026	<0.0005
3/2/2019			0.0028	0.0052			
5/31/2019	<0.0005	<0.0005					
6/3/2019			<0.0005		0.0015 (J)	0.0022 (J)	<0.0005
6/11/2019				0.0011 (J)			
11/6/2019	<0.0005	<0.0005					
11/7/2019				0.00028 (J)	<0.0005		
11/9/2019			0.00037 (J)			0.0022 (J)	<0.0005
4/16/2020	<0.0005	<0.0005					
4/17/2020				0.00026 (J)			<0.0005
4/18/2020			<0.0005		0.0016	0.0029	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0005	<0.0005				
3/1/2016					<0.0005	0.00056 (J)
3/2/2016			<0.0005	<0.0005		
5/2/2016	0.0019 (J)	0.0034				0.0021 (J)
5/3/2016					0.0012 (J)	
5/5/2016			<0.0005	<0.0005		
7/5/2016	0.0051	0.0059			<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005		
9/6/2016	<0.0005	<0.0005			<0.0005	<0.0005
9/7/2016			<0.0005	<0.0005		
11/7/2016	<0.0005	<0.0005			<0.0005	<0.0005
11/10/2016			<0.0005	<0.0005		
1/9/2017	0.017 (o)	<0.0005			<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005		
3/13/2017	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2017			<0.0005			
3/15/2017				<0.0005		
5/15/2017	<0.0005	<0.0005			<0.0005	<0.0005
5/18/2017			<0.0005	<0.0005		
3/12/2018	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2018			<0.0005	<0.0005		
6/5/2018	<0.0005	<0.0005				
6/6/2018					<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005		
10/16/2018	<0.0005	<0.0005				
10/17/2018					<0.0005	<0.0005
10/18/2018			<0.0005	<0.0005		
2/27/2019	<0.0005	<0.0005			<0.0005	<0.0005
3/1/2019			<0.0005	<0.0005		
5/31/2019	<0.0005	<0.0005			<0.0005	<0.0005
6/3/2019			<0.0005	<0.0005		
11/6/2019	<0.0005	<0.0005			<0.0005	<0.0005
11/7/2019			<0.0005	0.00042 (J)		
4/16/2020	<0.0005	<0.0005			<0.0005	<0.0005
4/17/2020			<0.0005	0.0004 (J)		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	0.00039 (J)	<0.0025					
3/1/2016			<0.0025	0.001 (J)	0.017	<0.0025	0.0007 (J)
5/2/2016	0.0013 (J)						
5/4/2016		<0.0025					0.001 (J)
5/5/2016			<0.0025	0.00064 (J)	0.012	<0.0025	
7/5/2016	0.00049 (J)						
7/7/2016			<0.0025	<0.0025	0.012	<0.0025	
7/8/2016		<0.0025					0.00057 (J)
9/6/2016	0.00062 (J)	0.00042 (J)	<0.0025				
9/7/2016				0.00044 (J)	0.018	<0.0025	0.00061 (J)
11/7/2016	0.00049 (J)						
11/9/2016					0.022	<0.0025	0.00055 (J)
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	0.00045 (J)						
1/11/2017		<0.0025			0.025	<0.0025	0.00045 (J)
1/12/2017			<0.0025	<0.0025			
3/13/2017	0.00048 (J)						
3/14/2017		<0.0025			0.019	<0.0025	0.00059 (J)
3/15/2017			<0.0025	<0.0025			
5/15/2017	0.00052 (J)						
5/18/2017		<0.0025	<0.0025	<0.0025	0.023	<0.0025	0.00059 (J)
3/12/2018	0.00055 (J)						
3/14/2018		<0.0025	<0.0025	<0.0025	0.014	<0.0025	0.00044 (J)
6/5/2018	0.00051 (J)						
6/10/2018		<0.0025			0.029	<0.0025	0.0004 (J)
6/11/2018			<0.0025	<0.0025			
10/16/2018	0.00058 (J)						
10/18/2018		<0.0025		<0.0025	0.016	<0.0025	<0.0025
10/19/2018			<0.0025				
2/27/2019	0.00065 (J)	<0.0025					
3/1/2019					0.009	<0.0025	<0.0025
3/2/2019			<0.0025	0.00041 (J)			
5/31/2019	0.00046 (J)	<0.0025					
6/3/2019			<0.0025		0.015	<0.0025	<0.0025
6/11/2019				<0.0025			
11/6/2019	0.00056 (J)	0.00033 (J)					
11/7/2019				0.00015 (J)	0.022		
11/9/2019			0.00016 (J)			0.00087 (J)	0.00036 (J)
4/16/2020	0.00058	0.00035 (J)					
4/17/2020				0.00021 (J)			0.00036 (J)
4/18/2020			0.00023 (J)		0.013	0.00037 (J)	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	0.00064 (J)	0.00023 (J)				
3/1/2016					0.00064 (J)	0.00071 (J)
3/2/2016			0.00075 (J)	0.0047 (J)		
5/2/2016	0.0014 (J)	0.00092 (J)				0.001 (J)
5/3/2016					0.00079 (J)	
5/5/2016			0.0042	0.0047		
7/5/2016	0.0027	0.0032			<0.0025	0.00055 (J)
7/7/2016			0.0043	0.0041		
9/6/2016	0.00062 (J)	<0.0025			0.00094 (J)	0.00057 (J)
9/7/2016			0.0049	0.0047		
11/7/2016	0.00058 (J)	<0.0025			0.00041 (J)	0.00047 (J)
11/10/2016			0.004	0.0043		
1/9/2017	0.00059 (J)	<0.0025			0.00074 (J)	0.00054 (J)
1/12/2017			0.0045	0.0048		
3/13/2017	0.0005 (J)	<0.0025			0.00091 (J)	0.0004 (J)
3/14/2017			0.0039			
3/15/2017				0.0066		
5/15/2017	0.00046 (J)	<0.0025			0.00075 (J)	0.00046 (J)
5/18/2017			0.005	0.0065		
3/12/2018	0.00055 (J)	<0.0025			0.00044 (J)	<0.0025
3/14/2018			0.0038	0.012		
6/5/2018	0.00052 (J)	<0.0025				
6/6/2018					0.0004 (J)	0.00048 (J)
6/11/2018			0.0044	0.0096		
10/16/2018	0.00045 (J)	<0.0025				
10/17/2018					<0.0025	0.00043 (J)
10/18/2018			0.0036	0.025		
2/27/2019	0.00056 (J)	<0.0025			<0.0025	0.00045 (J)
3/1/2019			0.0052	0.02		
5/31/2019	<0.0025	<0.0025			<0.0025	<0.0025
6/3/2019			0.0071	0.0053		
11/6/2019	0.00048 (J)	0.00019 (J)			0.00029 (J)	0.00094 (J)
11/7/2019			0.0085	0.019		
4/16/2020	0.00043 (J)	0.00021 (J)			0.00029 (J)	0.00053
4/17/2020			0.0089	0.013		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	1.27	1.09					
3/1/2016			0.996	5.24	11.8	4.21	0.872
5/2/2016	0.808						
5/4/2016		0.848					<5
5/5/2016			2.82	4.13	9.43	2.24	
7/5/2016	0.947						
7/7/2016			1.58	7.01	13.8	3.28	
7/8/2016		1.46					1.02
9/6/2016	1.07	1.34	1.46				
9/7/2016				7.94	13.7	2.83	0.826
11/7/2016	0.602						
11/9/2016					16.9	4.28	1.17
11/10/2016		1.23	1.92	7			
1/9/2017	0.865						
1/11/2017		1.11			24.9	4.62	0.924
1/12/2017			1.48	7.87			
3/13/2017	0.693						
3/14/2017		1.01			15.5	2.28	0.889
3/15/2017			1.41	7.1			
5/15/2017	0.786						
5/18/2017		0.745	1.23	7.26	19.8	3	0.338
3/12/2018	0.933						
3/14/2018		0.614	1.64	7.02	13.1	2.82	0.789
6/5/2018	0.713						
6/10/2018		0.959			19.1	6.2	0.852
6/11/2018			1.51	5.54			
10/16/2018	2.14						
10/18/2018		0.944		5.59	12.1	2.89	1.05
10/19/2018			1				
2/27/2019	0.651	0.827					
3/1/2019					10.4	2.89	1.01
3/2/2019			1.5	1.69			
5/31/2019	1.33	0.99					
6/3/2019			2.67		19.1	4.84	1.33
6/11/2019				5.8			
11/6/2019	1.32	0.892					
11/7/2019				4.83	20.8		
11/9/2019			1.31			6.06	0.663
4/16/2020	0.971	0.497					
4/17/2020				5.33			0.604
4/18/2020			0.931		13.8	2.03	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	1.42	2.4				
3/1/2016					0.647	<5
3/2/2016			2.39	7.8		
5/2/2016	1.03	1.62				<5
5/3/2016					0.748	
5/5/2016			1.54	5.51		
7/5/2016	0.961	1.01			0.591	<5
7/7/2016			2.17	7.65		
9/6/2016	1.07	1.8			0.831	0.566
9/7/2016			2.24	5.9		
11/7/2016	0.818	1.86			0.983	0.784
11/10/2016			2.69	5.04		
1/9/2017	0.934	2.25			0.767	0.541
1/12/2017			1.81	9.04		
3/13/2017	0.937	1.87			1.26	0.442
3/14/2017			1.74			
3/15/2017				6.46		
5/15/2017	0.685	1.4			0.553	0.345
5/18/2017			1.7	8.31		
3/12/2018	1.09	1.97			0.783	0.848
3/14/2018			1.99	7.06		
6/5/2018	0.927	2.17				
6/6/2018					1.08	0.78
6/11/2018			1.59	7.06		
10/16/2018	1.07	2.2				
10/17/2018					1.19	0.88
10/18/2018			1.77	7.22		
2/27/2019	0.912	1.8			0.741	0.431
3/1/2019			1.51	5.59		
5/31/2019	1.24	1.8			0.759	0.884
6/3/2019			0.42 (U)	4.73		
11/6/2019	0.509 (U)	2.32			0.105 (U)	0.366 (U)
11/7/2019			3.07	5.46		
4/16/2020	0.568	1.35			0.588	0.264 (U)
4/17/2020			2.45	4.26		

Time Series

Constituent: Field pH (SU) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	5.11	5.26					
3/1/2016			5.03	5.86	4.09	6.12	5.84
5/2/2016	4.76						
5/4/2016		5.1					5.69
5/5/2016			5.03	5.77	4.12	6.25	
7/5/2016	5.12						
7/7/2016			4.85	5.45	3.99	5.99	
7/8/2016		4.96					5.49
9/6/2016	5.11	5.43	4.84				
9/7/2016				5.01	4.06	6.03	5.22
11/7/2016	4.76						
11/9/2016					4.05	6.01	5.39
11/10/2016		4.89	4.72	4.99			
1/9/2017	4.99						
1/11/2017		4.87			4.01	6.04	5.12
1/12/2017			4.79	4.95			
3/13/2017	4.57						
3/14/2017		4.71			4.06	6.11	5.05
3/15/2017			4.81	5.03			
5/15/2017	4.6						
5/18/2017		4.5	4.5	4.75	3.65	5.88	4.68
10/2/2017	4.64						
10/5/2017		4.63			3.79	6.07	4.77
10/6/2017			4.56	5.07			
12/19/2017				5.1 (R)	4.1 (R)	6.11 (R)	
3/12/2018	4.85						
3/14/2018		5.14	5.08	4.89	4.2	6.29	5.28
6/5/2018	4.92						
6/10/2018		5.12			3.97	5.96	4.99
6/11/2018			4.81	5.02			
10/16/2018	4.93						
10/18/2018		4.97		4.93	4.12	6.19	5.07
10/19/2018			5.15				
2/27/2019	4.75	4.84					
3/1/2019					4.19	6.27	5.13
3/2/2019			4.81	5.58			
5/31/2019	4.9	4.92					
6/3/2019			4.7		4.17	6.23	5.12
6/11/2019				4.97			
11/6/2019	4.82	4.94					
11/7/2019				4.99	4.03		
11/9/2019			4.78			6.19	5.06
4/16/2020	5.03	5.17					
4/17/2020				5.07			5.23
4/18/2020			4.96		4.08	6.21	

Time Series

Constituent: Field pH (SU) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	5.11	4.9				
3/1/2016					5.08	6.37
3/2/2016			5.015 (D)	5.015 (D)		
5/2/2016	4.77	4.69				5.605 (D)
5/3/2016					5.14	
5/5/2016			4.87	5.04		
7/5/2016	5.48	7.11 (o)			5.38	6.29
7/7/2016			4.86	5.55		
9/6/2016	5.12	5.19			5.37	6.42
9/7/2016			4.72	4.86		
11/7/2016	4.73	4.64			4.92	5.75
11/10/2016			4.72	5.19		
1/9/2017	5	4.94			5.05	5.98
1/12/2017			4.67	4.84		
3/13/2017	4.74	4.63			4.87	5.81
3/14/2017			4.77			
3/15/2017				4.86		
5/15/2017	4.63	4.52			4.69	5.42
5/18/2017			4.43	4.59		
10/2/2017	4.63	4.54			4.88	5.63
10/5/2017			4.52			
10/6/2017				5.73		
12/19/2017			4.76 (R)	4.84 (R)		
3/12/2018	4.81	4.81			5.07	5.6
3/14/2018			4.71	4.75		
6/5/2018	5.04	4.9				
6/6/2018					5.09	5.58
6/11/2018			4.78	4.77		
10/16/2018	4.98	4.81				
10/17/2018					4.99	5.54
10/18/2018			4.76	4.73		
2/27/2019	4.78	4.71			4.87	5.4
3/1/2019			4.85	4.76		
5/31/2019	4.92	4.84			4.89	5.45
6/3/2019			4.75	5.56		
11/6/2019	4.88	4.78			5.04	5.52
11/7/2019			4.78	4.74		
4/16/2020	5.15	4.96			5.13	5.58
4/17/2020			4.75	4.7		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.1	<0.1					
3/1/2016			<0.1	0.037 (J)	0.46	0.041 (J)	<0.1
5/2/2016	<0.1						
5/4/2016		<0.1					<0.1
5/5/2016			<0.1	<0.1	0.27	<0.1	
7/5/2016	<0.1						
7/7/2016			<0.1	<0.1	0.29	<0.1	
7/8/2016		<0.1					<0.1
9/6/2016	<0.1	<0.1	<0.1				
9/7/2016				<0.1	0.33	<0.1	<0.1
11/7/2016	<0.1						
11/9/2016					0.29	<0.1	<0.1
11/10/2016		<0.1	<0.1	<0.1			
1/9/2017	<0.1						
1/11/2017		<0.1			0.42	<0.1	<0.1
1/12/2017			<0.1	<0.1			
3/13/2017	<0.1						
3/14/2017		<0.1			0.34	<0.1	<0.1
3/15/2017			<0.1	<0.1			
5/15/2017	<0.1						
5/18/2017		<0.1	<0.1	<0.1	0.47	<0.1	<0.1
10/2/2017	<0.1						
10/5/2017		<0.1			0.22	<0.1	<0.1
10/6/2017			<0.1	<0.1			
12/19/2017					0.26 (R)		
3/12/2018	<0.1						
3/14/2018		0.12	<0.1	<0.1	0.3	<0.1	<0.1
6/5/2018	<0.1						
6/10/2018		<0.1			0.38	<0.1	<0.1
6/11/2018			<0.1	<0.1			
10/16/2018	<0.1						
10/18/2018		<0.1		<0.1	0.26	0.04 (J)	<0.1
10/19/2018			<0.1				
2/27/2019	<0.1	<0.1					
3/1/2019					0.1	<0.1	<0.1
3/2/2019			<0.1	<0.1			
5/31/2019	<0.1	<0.1					
6/3/2019			<0.1		0.22	0.04 (J)	<0.1
6/11/2019				<0.1			
11/6/2019	<0.1	<0.1					
11/7/2019				<0.1	0.21		
11/9/2019			<0.1			<0.1	<0.1
4/16/2020	<0.1	<0.1					
4/17/2020				<0.1			<0.1
4/18/2020			<0.1		0.3	0.04 (J)	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.1	<0.1				
3/1/2016					<0.1	0.033 (J)
3/2/2016			<0.1	0.039 (J)		
5/2/2016	<0.1	<0.1				<0.1
5/3/2016					<0.1	
5/5/2016			<0.1	<0.1		
7/5/2016	<0.1	<0.1			<0.1	<0.1
7/7/2016			<0.1	<0.1		
9/6/2016	<0.1	<0.1			<0.1	<0.1
9/7/2016			<0.1	<0.1		
11/7/2016	<0.1	<0.1			<0.1	<0.1
11/10/2016			<0.1	<0.1		
1/9/2017	<0.1	<0.1			<0.1	<0.1
1/12/2017			<0.1	<0.1		
3/13/2017	<0.1	<0.1			<0.1	<0.1
3/14/2017			<0.1			
3/15/2017				<0.1		
5/15/2017	<0.1	<0.1			<0.1	<0.1
5/18/2017			<0.1	<0.1		
10/2/2017	<0.1	<0.1			<0.1	<0.1
10/5/2017			<0.1			
10/6/2017				<0.1		
3/12/2018	<0.1	<0.1			<0.1	<0.1
3/14/2018			<0.1	<0.1		
6/5/2018	<0.1	<0.1				
6/6/2018					<0.1	<0.1
6/11/2018			<0.1	0.04 (J)		
10/16/2018	<0.1	<0.1				
10/17/2018					<0.1	<0.1
10/18/2018			<0.1	0.04 (J)		
2/27/2019	<0.1	<0.1			<0.1	<0.1
3/1/2019			<0.1	<0.1		
5/31/2019	<0.1	<0.1			<0.1	<0.1
6/3/2019			<0.1	0.04 (J)		
11/6/2019	<0.1	<0.1			<0.1	<0.1
11/7/2019			<0.1	0.04 (J)		
4/16/2020	<0.1	<0.1			<0.1	<0.1
4/17/2020			<0.1	0.04 (J)		

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00025	<0.00025					
3/1/2016			<0.00025	<0.00025	0.0018 (J)	<0.00025	<0.00025
5/2/2016	<0.00025						
5/4/2016		<0.00025					<0.00025
5/5/2016			<0.00025	<0.00025	0.0015	<0.00025	
7/5/2016	<0.00025						
7/7/2016			<0.00025	<0.00025	0.0018	<0.00025	
7/8/2016		<0.00025					<0.00025
9/6/2016	<0.00025	<0.00025	<0.00025				
9/7/2016				<0.00025	0.0024	<0.00025	<0.00025
11/7/2016	<0.00025						
11/9/2016					0.0023	<0.00025	<0.00025
11/10/2016		<0.00025	<0.00025	<0.00025			
1/9/2017	<0.00025						
1/11/2017		<0.00025			0.0027	<0.00025	<0.00025
1/12/2017			<0.00025	<0.00025			
3/13/2017	<0.00025						
3/14/2017		<0.00025			0.0024	<0.00025	<0.00025
3/15/2017			<0.00025	<0.00025			
5/15/2017	<0.00025						
5/18/2017		<0.00025	<0.00025	<0.00025	0.0029	<0.00025	<0.00025
3/12/2018	<0.00025						
3/14/2018		<0.00025	<0.00025	<0.00025	0.0023	<0.00025	<0.00025
6/5/2018	<0.00025						
6/10/2018		<0.00025			0.0024	<0.00025	<0.00025
6/11/2018			<0.00025	<0.00025			
10/16/2018	<0.00025						
10/18/2018		<0.00025		<0.00025	0.002	<0.00025	0.00039 (J)
10/19/2018			<0.00025				
2/27/2019	<0.00025	<0.00025					
3/1/2019					0.0012 (J)	<0.00025	<0.00025
3/2/2019			<0.00025	<0.00025			
5/31/2019	<0.00025	<0.00025					
6/3/2019			<0.00025		0.0018	0.00091 (J)	<0.00025
6/11/2019				<0.00025			
11/6/2019	0.0001 (J)	<0.00025					
11/7/2019				0.00011 (J)	0.002		
11/9/2019			0.00014 (J)			0.00012 (J)	<0.00025
4/16/2020	6.6E-05 (J)	<0.00025					
4/17/2020				<0.00025			<0.00025
4/18/2020			0.00018 (J)		0.0024	<0.00025	

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00025	<0.00025				
3/1/2016					<0.00025	<0.00025
3/2/2016			<0.00025	<0.00025		
5/2/2016	<0.00025	<0.00025				<0.00025
5/3/2016					<0.00025	
5/5/2016			<0.00025	<0.00025		
7/5/2016	<0.00025	<0.00025			<0.00025	<0.00025
7/7/2016			<0.00025	<0.00025		
9/6/2016	<0.00025	<0.00025			<0.00025	<0.00025
9/7/2016			<0.00025	<0.00025		
11/7/2016	<0.00025	<0.00025			<0.00025	<0.00025
11/10/2016			<0.00025	<0.00025		
1/9/2017	<0.00025	<0.00025			<0.00025	<0.00025
1/12/2017			<0.00025	<0.00025		
3/13/2017	<0.00025	<0.00025			<0.00025	<0.00025
3/14/2017			<0.00025			
3/15/2017				<0.00025		
5/15/2017	<0.00025	<0.00025			<0.00025	<0.00025
5/18/2017			<0.00025	<0.00025		
3/12/2018	<0.00025	<0.00025			<0.00025	<0.00025
3/14/2018			<0.00025	<0.00025		
6/5/2018	<0.00025	<0.00025				
6/6/2018					<0.00025	<0.00025
6/11/2018			<0.00025	<0.00025		
10/16/2018	<0.00025	<0.00025				
10/17/2018					<0.00025	<0.00025
10/18/2018			<0.00025	<0.00025		
2/27/2019	0.001 (J)	<0.00025			<0.00025	<0.00025
3/1/2019			<0.00025	<0.00025		
5/31/2019	<0.00025	<0.00025			<0.00025	<0.00025
6/3/2019			0.00067 (J)	0.00037 (J)		
11/6/2019	6.6E-05 (J)	8.4E-05 (J)			<0.00025	0.0002 (J)
11/7/2019			9.4E-05 (J)	0.0003 (J)		
4/16/2020	<0.00025	<0.00025			<0.00025	0.00016 (J)
4/17/2020			0.00011 (J)	0.00033		

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.001	<0.001					
3/1/2016			<0.001	<0.001	0.057	<0.001	<0.001
5/2/2016	<0.001						
5/4/2016		<0.001					<0.001
5/5/2016			<0.001	<0.001	0.044	<0.001	
7/5/2016	<0.001						
7/7/2016			<0.001	<0.001	0.04	<0.001	
7/8/2016		<0.001					<0.001
9/6/2016	<0.001	0.0037 (J)	<0.001				
9/7/2016				<0.001	0.033	<0.001	0.0073
11/7/2016	<0.001						
11/9/2016					0.035	<0.001	<0.001
11/10/2016		<0.001	<0.001	<0.001			
1/9/2017	<0.001						
1/11/2017		<0.001			0.028	<0.001	<0.001
1/12/2017			<0.001	<0.001			
3/13/2017	<0.001						
3/14/2017		<0.001			0.037	<0.001	0.0035 (J)
3/15/2017			<0.001	0.0038 (J)			
5/15/2017	<0.001						
5/18/2017		<0.001	<0.001	<0.001	0.024	<0.001	<0.001
3/12/2018	0.0011 (J)						
3/14/2018		<0.001	<0.001	0.002 (J)	0.028	<0.001	<0.001
6/5/2018	<0.001						
6/10/2018		<0.001			0.019	<0.001	<0.001
6/11/2018			<0.001	0.0015 (J)			
10/16/2018	<0.001						
10/18/2018		0.0013 (J)		0.0017 (J)	0.022	<0.001	0.0012 (J)
10/19/2018			0.0012 (J)				
2/27/2019	<0.001	<0.001					
3/1/2019					0.017	<0.001	0.0012 (J)
3/2/2019			0.0014 (J)	0.0011 (J)			
5/31/2019	0.0021 (J)	0.0013 (J)					
6/3/2019			<0.001		0.017	<0.001	<0.001
6/11/2019				0.0025 (J)			
11/6/2019	0.0011	0.001					
11/7/2019				0.00097 (J)	0.019		
11/9/2019			0.0009 (J)			<0.001	0.00068 (J)
4/16/2020	0.0006 (J)	<0.001					
4/17/2020				0.0021			0.00043 (J)
4/18/2020			<0.001		0.017	0.00039 (J)	

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.001	<0.001				
3/1/2016					<0.001	0.0037
3/2/2016			0.0095 (J)	0.0082 (J)		
5/2/2016	<0.001	<0.001				<0.001
5/3/2016					<0.001	
5/5/2016			0.0059	0.0072		
7/5/2016	<0.001	<0.001			<0.001	<0.001
7/7/2016			0.006	0.0092		
9/6/2016	<0.001	<0.001			<0.001	<0.001
9/7/2016			0.0049 (J)	0.0069		
11/7/2016	<0.001	<0.001			<0.001	0.0097 (o)
11/10/2016			0.0055	0.0045 (J)		
1/9/2017	<0.001	<0.001			<0.001	<0.001
1/12/2017			0.0045 (J)	0.0073		
3/13/2017	<0.001	<0.001			<0.001	<0.001
3/14/2017			0.0069			
3/15/2017				0.012		
5/15/2017	<0.001	<0.001			<0.001	<0.001
5/18/2017			0.0055	0.0084		
3/12/2018	0.0014 (J)	<0.001			<0.001	<0.001
3/14/2018			0.0059	0.012		
6/5/2018	0.0012 (J)	<0.001				
6/6/2018					<0.001	0.0021 (J)
6/11/2018			0.0042 (J)	0.009		
10/16/2018	0.0015 (J)	0.0013 (J)				
10/17/2018					<0.001	0.0012 (J)
10/18/2018			0.0062	0.011		
2/27/2019	<0.001	<0.001			<0.001	0.002 (J)
3/1/2019			0.0054	0.0077		
5/31/2019	0.0017 (J)	0.0017 (J)			0.0015 (J)	0.0026 (J)
6/3/2019			0.0054	0.0082		
11/6/2019	0.0011	<0.001			0.00063 (J)	0.0012
11/7/2019			0.0052	0.014		
4/16/2020	0.00063 (J)	<0.001			<0.001	0.00091 (J)
4/17/2020			0.0076	0.0092		

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0002	<0.0002					
3/1/2016			<0.0002	<0.0002	0.00089	<0.0002	<0.0002
5/2/2016	<0.0002						
5/4/2016		<0.0002					<0.0002
5/5/2016			<0.0002	<0.0002	0.00054	<0.0002	
7/5/2016	<0.0002						
7/7/2016			<0.0002	<0.0002	0.00066 (V)	<0.0002	
7/8/2016		<0.0002					<0.0002
9/6/2016	<0.0002	<0.0002	<0.0002				
9/7/2016				<0.0002	0.0016	<0.0002	<0.0002
11/7/2016	<0.0002						
11/9/2016					0.0015	<0.0002	<0.0002
11/10/2016		<0.0002	<0.0002	<0.0002			
1/9/2017	<0.0002						
1/11/2017		<0.0002			0.0025	<0.0002	<0.0002
1/12/2017			<0.0002	<0.0002			
3/13/2017	<0.0002						
3/14/2017		<0.0002			0.0012	<0.0002	<0.0002
3/15/2017			<0.0002	<0.0002			
5/15/2017	<0.0002						
5/18/2017		<0.0002	<0.0002	<0.0002	0.0014	<0.0002	<0.0002
3/12/2018	<0.0002						
3/14/2018		9.3E-05 (J)	9.4E-05 (J)	0.00012 (J)	0.0011	<0.0002	8E-05 (J)
6/5/2018	<0.0002						
6/10/2018		<0.0002			0.0014	<0.0002	<0.0002
6/11/2018			<0.0002	<0.0002			
10/16/2018	<0.0002						
10/18/2018		<0.0002		<0.0002	0.00087	<0.0002	<0.0002
10/19/2018			9.4E-05 (J)				
2/27/2019	<0.0002	<0.0002					
3/1/2019					0.00077	<0.0002	<0.0002
3/2/2019			<0.0002	<0.0002			
5/31/2019	<0.0002	<0.0002					
6/3/2019			<0.0002		0.00054	<0.0002	<0.0002
6/11/2019				<0.0002			
11/6/2019	<0.0002	<0.0002					
11/7/2019				<0.0002	0.00053		
11/9/2019			<0.0002			<0.0002	<0.0002
4/16/2020	<0.0002	<0.0002					
4/17/2020				0.00062			<0.0002
4/18/2020			<0.0002		0.00069	<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	9.1E-05 (J)	<0.0002				
3/1/2016					<0.0002	<0.0002
3/2/2016			<0.0002	0.007		
5/2/2016	7.4E-05 (J)	<0.0002				<0.0002
5/3/2016					<0.0002	
5/5/2016			<0.0002	0.006		
7/5/2016	<0.0002	<0.0002			<0.0002	<0.0002
7/7/2016			<0.0002	0.0053		
9/6/2016	<0.0002	<0.0002			<0.0002	<0.0002
9/7/2016			<0.0002	0.0067		
11/7/2016	<0.0002	<0.0002			<0.0002	<0.0002
11/10/2016			<0.0002	0.00014 (J)		
1/9/2017	<0.0002	<0.0002			<0.0002	<0.0002
1/12/2017			<0.0002	0.0052		
3/13/2017	<0.0002	<0.0002			<0.0002	<0.0002
3/14/2017			<0.0002			
3/15/2017				0.0048		
5/15/2017	<0.0002	<0.0002			<0.0002	<0.0002
5/18/2017			<0.0002	0.0074		
3/12/2018	<0.0002	<0.0002			<0.0002	<0.0002
3/14/2018			9.7E-05 (J)	0.0059		
6/5/2018	<0.0002	<0.0002				
6/6/2018					<0.0002	<0.0002
6/11/2018			<0.0002	0.0042		
10/16/2018	<0.0002	<0.0002				
10/17/2018					<0.0002	<0.0002
10/18/2018			<0.0002	0.0034		
2/27/2019	<0.0002	<0.0002			<0.0002	<0.0002
3/1/2019			<0.0002	0.0041		
5/31/2019	<0.0002	<0.0002			<0.0002	<0.0002
6/3/2019			<0.0002	0.0025		
11/6/2019	<0.0002	<0.0002			<0.0002	<0.0002
11/7/2019			0.0012	0.0034		
4/16/2020	<0.0002	<0.0002			<0.0002	<0.0002
4/17/2020			0.0032	0.0063		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.003	<0.003					
3/1/2016			<0.003	<0.003	<0.003	0.004 (J)	<0.003
5/2/2016	<0.003						
5/4/2016		<0.003					<0.003
5/5/2016			<0.003	<0.003	<0.003	0.0093 (J)	
7/5/2016	<0.003						
7/7/2016			<0.003	<0.003	<0.003	0.0047 (J)	
7/8/2016		<0.003					<0.003
9/6/2016	<0.003	<0.003	<0.003				
9/7/2016				<0.003	<0.003	0.004 (J)	<0.003
11/7/2016	<0.003						
11/9/2016					<0.003	0.0037 (J)	<0.003
11/10/2016		<0.003	<0.003	<0.003			
1/9/2017	<0.003						
1/11/2017		<0.003			<0.003	0.0052 (J)	<0.003
1/12/2017			<0.003	<0.003			
3/13/2017	0.0042 (J)						
3/14/2017		<0.003			<0.003	0.004 (J)	<0.003
3/15/2017			<0.003	<0.003			
5/15/2017	<0.003						
5/18/2017		<0.003	<0.003	<0.003	<0.003	0.0043 (J)	<0.003
3/12/2018	<0.003						
3/14/2018		<0.003	<0.003	<0.003	<0.003	0.0054 (J)	<0.003
6/5/2018	<0.003						
6/10/2018		<0.003			<0.003	0.0035 (J)	<0.003
6/11/2018			<0.003	<0.003			
10/16/2018	<0.003						
10/18/2018		<0.003		<0.003	<0.003	0.0032 (J)	<0.003
10/19/2018			<0.003				
2/27/2019	<0.003	<0.003					
3/1/2019					<0.003	0.0047 (J)	<0.003
3/2/2019			<0.003	<0.003			
5/31/2019	<0.003	<0.003					
6/3/2019			<0.003		<0.003	0.0033 (J)	<0.003
6/11/2019				<0.003			
11/6/2019	<0.003	<0.003					
11/7/2019				<0.003	<0.003		
11/9/2019			<0.003			0.0025 (J)	<0.003
4/16/2020	<0.003	<0.003					
4/17/2020				<0.003			<0.003
4/18/2020			<0.003		<0.003	0.003	

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.003	<0.003				
3/1/2016					<0.003	<0.003
3/2/2016			<0.003	<0.003		
5/2/2016	<0.003	<0.003				<0.003
5/3/2016					<0.003	
5/5/2016			<0.003	<0.003		
7/5/2016	<0.003	<0.003			<0.003	<0.003
7/7/2016			<0.003	<0.003		
9/6/2016	<0.003	<0.003			<0.003	<0.003
9/7/2016			<0.003	<0.003		
11/7/2016	<0.003	<0.003			<0.003	<0.003
11/10/2016			<0.003	<0.003		
1/9/2017	<0.003	<0.003			<0.003	<0.003
1/12/2017			<0.003	<0.003		
3/13/2017	<0.003	0.0022 (J)			<0.003	<0.003
3/14/2017			<0.003			
3/15/2017				<0.003		
5/15/2017	<0.003	<0.003			<0.003	<0.003
5/18/2017			<0.003	<0.003		
3/12/2018	<0.003	<0.003			<0.003	<0.003
3/14/2018			<0.003	<0.003		
6/5/2018	0.00088 (J)	<0.003				
6/6/2018					<0.003	<0.003
6/11/2018			<0.003	<0.003		
10/16/2018	<0.003	<0.003				
10/17/2018					<0.003	<0.003
10/18/2018			<0.003	<0.003		
2/27/2019	<0.003	<0.003			<0.003	<0.003
3/1/2019			<0.003	<0.003		
5/31/2019	<0.003	<0.003			<0.003	<0.003
6/3/2019			<0.003	<0.003		
11/6/2019	<0.003	<0.003			<0.003	<0.003
11/7/2019			<0.003	<0.003		
4/16/2020	<0.003	<0.003			<0.003	<0.003
4/17/2020			<0.003	<0.003		

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00025	<0.00025					
3/1/2016			<0.00025	0.0028 (J)	0.0054 (J)	<0.00025	<0.00025
5/2/2016	<0.00025						
5/4/2016		<0.00025					<0.00025
5/5/2016			0.00029 (J)	0.0026	0.0038	0.0003 (J)	
7/5/2016	<0.00025						
7/7/2016			<0.00025	0.0025	0.0043	<0.00025	
7/8/2016		<0.00025					<0.00025
9/6/2016	0.00049 (J)	<0.00025	<0.00025				
9/7/2016				0.0031	0.0099	0.00026 (J)	<0.00025
11/7/2016	<0.00025						
11/9/2016					0.012	0.00038 (J)	<0.00025
11/10/2016		<0.00025	<0.00025	0.0028			
1/9/2017	<0.00025						
1/11/2017		0.00049 (J)			0.022	<0.00025	<0.00025
1/12/2017			<0.00025	0.0028			
3/13/2017	0.0023						
3/14/2017		<0.00025			0.011	<0.00025	<0.00025
3/15/2017			<0.00025	0.0027			
5/15/2017	<0.00025						
5/18/2017		<0.00025	<0.00025	0.0036	0.018	<0.00025	<0.00025
3/12/2018	0.00046 (J)						
3/14/2018		0.00067 (J)	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.00025
6/5/2018	0.00049 (J)						
6/10/2018		0.00028 (J)			0.015	0.00043 (J)	<0.00025
6/11/2018			0.00028 (J)	0.003			
10/16/2018	<0.00025						
10/18/2018		<0.00025		0.0016	0.0049	<0.00025	<0.00025
10/19/2018			<0.00025				
2/27/2019	<0.00025	<0.00025					
3/1/2019					0.0026	<0.00025	<0.00025
3/2/2019			<0.00025	<0.00025			
5/31/2019	<0.00025	<0.00025					
6/3/2019			<0.00025		0.0039	<0.00025	<0.00025
6/11/2019				0.0014			
11/6/2019	<0.00025	<0.00025					
11/7/2019				0.002	0.0085		
11/9/2019			<0.00025			0.00041	<0.00025
4/16/2020	<0.00025	<0.00025					
4/17/2020				0.0022			<0.00025
4/18/2020			0.00019 (J)		0.0084	0.0004	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00025	<0.00025				
3/1/2016					<0.00025	<0.00025
3/2/2016			<0.00025	0.0025 (J)		
5/2/2016	<0.00025	0.00025 (J)				<0.00025
5/3/2016					<0.00025	
5/5/2016			<0.00025	0.0033		
7/5/2016	<0.00025	<0.00025			<0.00025	<0.00025
7/7/2016			<0.00025	0.0031		
9/6/2016	<0.00025	0.00027 (J)			<0.00025	<0.00025
9/7/2016			<0.00025	0.0034		
11/7/2016	<0.00025	<0.00025			<0.00025	<0.00025
11/10/2016			<0.00025	0.0038		
1/9/2017	<0.00025	<0.00025			<0.00025	<0.00025
1/12/2017			<0.00025	0.0034		
3/13/2017	<0.00025	0.0025			<0.00025	<0.00025
3/14/2017			<0.00025			
3/15/2017				0.0032		
5/15/2017	<0.00025	<0.00025			<0.00025	<0.00025
5/18/2017			<0.00025	0.0034		
3/12/2018	0.00064 (J)	0.00047 (J)			0.00026 (J)	<0.00025
3/14/2018			<0.00025	0.0038		
6/5/2018	0.00098 (J)	0.00065 (J)				
6/6/2018					0.00025 (J)	0.00026 (J)
6/11/2018			<0.00025	0.0037		
10/16/2018	<0.00025	<0.00025				
10/17/2018					<0.00025	<0.00025
10/18/2018			<0.00025	0.0033		
2/27/2019	<0.00025	<0.00025			<0.00025	<0.00025
3/1/2019			<0.00025	0.0033		
5/31/2019	<0.00025	<0.00025			<0.00025	<0.00025
6/3/2019			<0.00025	0.0035		
11/6/2019	<0.00025	0.00034			<0.00025	<0.00025
11/7/2019			0.00024 (J)	0.0034		
4/16/2020	<0.00025	0.0004			<0.00025	<0.00025
4/17/2020			0.0002 (J)	0.0039		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<5	<5					
3/1/2016			<5	26	380	17	<5
5/2/2016	15 (o)						
5/4/2016		<5					<5
5/5/2016			<5	31	280	11	
7/5/2016	<5						
7/7/2016			<5	31	330	33	
7/8/2016		<5					<5
9/6/2016	<5	<5	<5				
9/7/2016				41	550	18	<5
11/7/2016	<5						
11/9/2016					700	52	<5
11/10/2016		<5	<5	39			
1/9/2017	<5						
1/11/2017		<5			670	31	<5
1/12/2017			<5	35			
3/13/2017	2.5 (J)						
3/14/2017		<5			670	20	<5
3/15/2017			<5	43			
5/15/2017	<5						
5/18/2017		<5 (X)	<5 (X)	35	790	35	<5 (X)
10/2/2017	<5						
10/5/2017		<5			500	7.7	<5
10/6/2017			<5	39			
12/19/2017				36 (R)	400 (R)	51 (R)	
3/12/2018	<5						
3/14/2018		<5	<5	38	540	22	<5
6/5/2018	<5						
6/10/2018		1.5 (J)			760	96	1.4 (J)
6/11/2018			1.7 (J)	34			
10/16/2018	<5						
10/18/2018		<5		31	460	6.6	<5
10/19/2018			3.4 (J)				
2/27/2019	<5	1.9 (J)					
3/1/2019					240	9.6	<5
3/2/2019			<5	35			
5/31/2019	<5	<5					
6/3/2019			3.5 (J)		480	58	<5
6/11/2019				32			
11/6/2019	<5	<5					
11/7/2019				27	610		
11/9/2019			<5			120	<5
4/16/2020	<5	<5					
4/17/2020				31			<5
4/18/2020			<5		670	32	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<5	1.6 (J)				
3/1/2016					<5	<5
3/2/2016			13	150		
5/2/2016	<5	2.1 (J)				<5
5/3/2016					<5	
5/5/2016			15	200		
7/5/2016	<5	2 (J)			<5	<5
7/7/2016			14	200		
9/6/2016	<5	1.8 (J)			<5	3.7 (J)
9/7/2016			15	200		
11/7/2016	<5	1.7 (J)			<5	<5
11/10/2016			13	130		
1/9/2017	2.6 (J)	1.5 (J)			<5	<5
1/12/2017			12	240		
3/13/2017	<5	2.2 (J)			<5	<5
3/14/2017			10 (V)			
3/15/2017				300		
5/15/2017	<5	1.9 (J)			<5	<5
5/18/2017			8.7	270		
10/2/2017	<5	3.4 (J)			1.5 (J)	1.7 (J)
10/5/2017			9.8			
10/6/2017				140		
12/19/2017			8.4 (R)	280 (R)		
3/12/2018	<5	2.6 (J)			<5	<5
3/14/2018			9.7	270		
6/5/2018	<5	2.6 (J)				
6/6/2018					<5	<5
6/11/2018			10	270		
10/16/2018	<5	2.8 (J)				
10/17/2018					<5	<5
10/18/2018			8.1	280		
2/27/2019	<5	2.4 (J)			<5	<5
3/1/2019			7.4	250		
5/31/2019	<5	3.3 (J)			<5	<5
6/3/2019			21	150		
11/6/2019	<5	3.7 (J)			<5	<5
11/7/2019			16	290		
4/16/2020	<5	1.7 (J)			<5	<5
4/17/2020			12	280		

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0001	<0.0001					
3/1/2016			<0.0001	<0.0001	0.00043 (J)	<0.0001	<0.0001
5/2/2016	<0.0001						
5/4/2016		<0.0001					<0.0001
5/5/2016			<0.0001	<0.0001	0.0003 (J)	<0.0001	
7/5/2016	<0.0001						
7/7/2016			<0.0001	<0.0001	0.00028 (J)	<0.0001	
7/8/2016		<0.0001					<0.0001
9/6/2016	<0.0001	<0.0001	<0.0001				
9/7/2016				<0.0001	0.00028 (J)	<0.0001	<0.0001
11/7/2016	<0.0001						
11/9/2016					0.0003 (J)	<0.0001	<0.0001
11/10/2016		<0.0001	<0.0001	<0.0001			
1/9/2017	<0.0001						
1/11/2017		<0.0001			0.00032 (J)	<0.0001	<0.0001
1/12/2017			<0.0001	<0.0001			
3/13/2017	<0.0001						
3/14/2017		<0.0001			0.00032 (J)	<0.0001	<0.0001
3/15/2017			<0.0001	<0.0001			
5/15/2017	<0.0001						
5/18/2017		<0.0001	<0.0001	<0.0001	0.0004 (J)	<0.0001	<0.0001
3/12/2018	<0.0001						
3/14/2018		<0.0001	<0.0001	<0.0001	0.00021 (J)	<0.0001	<0.0001
6/5/2018	<0.0001						
6/10/2018		<0.0001			0.00033 (J)	<0.0001	<0.0001
6/11/2018			<0.0001	<0.0001			
10/16/2018	<0.0001						
10/18/2018		<0.0001		<0.0001	0.00021 (J)	<0.0001	<0.0001
10/19/2018			<0.0001				
2/27/2019	<0.0001	<0.0001					
3/1/2019					0.00013 (J)	<0.0001	<0.0001
3/2/2019			<0.0001	<0.0001			
5/31/2019	<0.0001	<0.0001					
6/3/2019			<0.0001		0.00016 (J)	<0.0001	<0.0001
6/11/2019				<0.0001			
11/6/2019	<0.0001	<0.0001					
11/7/2019				2.6E-05 (J)	0.00025		
11/9/2019			0.00021 (J)			0.00024 (J)	<0.0001
4/16/2020	<0.0001	<0.0001					
4/17/2020				<0.0001			<0.0001
4/18/2020			<0.0001		0.00033	<0.0001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0001	<0.0001				
3/1/2016					<0.0001	<0.0001
3/2/2016			<0.0001	0.00018 (J)		
5/2/2016	<0.0001	<0.0001				<0.0001
5/3/2016					<0.0001	
5/5/2016			<0.0001	0.00024 (J)		
7/5/2016	<0.0001	<0.0001			<0.0001	<0.0001
7/7/2016			<0.0001	0.00025 (J)		
9/6/2016	<0.0001	<0.0001			<0.0001	<0.0001
9/7/2016			<0.0001	0.00023 (J)		
11/7/2016	<0.0001	<0.0001			<0.0001	<0.0001
11/10/2016			<0.0001	0.0002 (J)		
1/9/2017	<0.0001	<0.0001			<0.0001	<0.0001
1/12/2017			<0.0001	0.00026 (J)		
3/13/2017	<0.0001	<0.0001			<0.0001	<0.0001
3/14/2017			<0.0001			
3/15/2017				0.0003 (J)		
5/15/2017	<0.0001	<0.0001			<0.0001	<0.0001
5/18/2017			<0.0001	0.00028 (J)		
3/12/2018	<0.0001	<0.0001			<0.0001	<0.0001
3/14/2018			<0.0001	0.00029 (J)		
6/5/2018	<0.0001	<0.0001				
6/6/2018					<0.0001	<0.0001
6/11/2018			<0.0001	0.00029 (J)		
10/16/2018	<0.0001	<0.0001				
10/17/2018					<0.0001	<0.0001
10/18/2018			<0.0001	0.00031 (J)		
2/27/2019	<0.0001	<0.0001			<0.0001	<0.0001
3/1/2019			<0.0001	0.0003 (J)		
5/31/2019	<0.0001	<0.0001			<0.0001	<0.0001
6/3/2019			<0.0001	0.0002 (J)		
11/6/2019	<0.0001	<0.0001			<0.0001	<0.0001
11/7/2019			<0.0001	0.00024 (J)		
4/16/2020	<0.0001	<0.0001			<0.0001	<0.0001
4/17/2020			<0.0001	0.00031		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	20	20					
3/1/2016			<5	84	760	290	<5
5/2/2016	<5						
5/4/2016		6					12
5/5/2016			<5	76	620	250	
7/5/2016	12						
7/7/2016			24	54	640	270	
7/8/2016		6					10
9/6/2016	36	36	40				
9/7/2016				82	1100	270	10
11/7/2016	18						
11/9/2016					1300	330	26
11/10/2016		16	20	80			
1/9/2017	4 (J)						
1/11/2017		38			1600	330	28
1/12/2017			54	110			
3/13/2017	6						
3/14/2017		<5			1200	260	<5
3/15/2017			14	82			
5/15/2017	<5						
5/18/2017		10	38	100	1500	360	26
10/2/2017	<5						
10/5/2017		<5			980	240	<5
10/6/2017			22	110			
12/19/2017				72 (R)	900 (R)	460 (R)	
3/12/2018	18						
3/14/2018		8	14	66	1100	300	<5
6/5/2018	10						
6/10/2018		8			1500	560	6
6/11/2018			8	96			
10/16/2018	32						
10/18/2018		28		64	860	250	68
10/19/2018			54				
2/27/2019	110	68					
3/1/2019					440	210	28
3/2/2019			28	210			
5/31/2019	46	<5					
6/3/2019			54		950	500	28
6/11/2019				110			
11/6/2019	<5	10					
11/7/2019				50	980		
11/9/2019			24			720	42
4/16/2020	28	44					
4/17/2020				70			48
4/18/2020			54		1100	180	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/23/2020 12:23 PM View: 100 Series

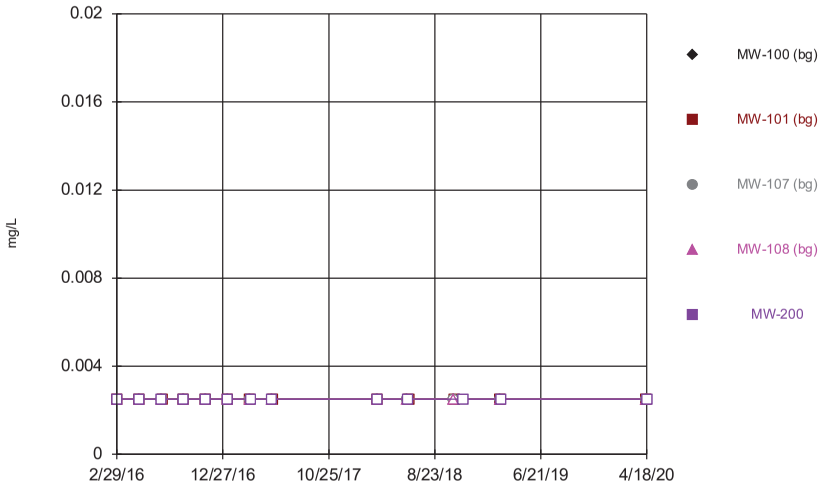
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<5	12				
3/1/2016					10	<5
3/2/2016			30	440		
5/2/2016	<5	6				36
5/3/2016					<5	
5/5/2016			38	480		
7/5/2016	14	<5			<5	<5
7/7/2016			22	470		
9/6/2016	30	38			36	44
9/7/2016			38	440		
11/7/2016	8	<5			<5	30
11/10/2016			38	260		
1/9/2017	<5	14			<5	12
1/12/2017			40	630		
3/13/2017	<5	8			22	20
3/14/2017			22			
3/15/2017				620		
5/15/2017	<5	<5			6	4 (J)
5/18/2017			24	640		
10/2/2017	<5	6			16	24
10/5/2017			<5			
10/6/2017				360		
12/19/2017				840 (R)		
3/12/2018	14	<5			<5	<5
3/14/2018			12	660		
6/5/2018	<5	14				
6/6/2018					20	16
6/11/2018			26	670		
10/16/2018	12	6				
10/17/2018					44	44
10/18/2018			34	750		
2/27/2019	54	110			20	28
3/1/2019			42	640		
5/31/2019	8	26			32	18
6/3/2019			54	420		
11/6/2019	4 (J)	<5			24	20
11/7/2019			24	540		
4/16/2020	18	8			6	8
4/17/2020			28	600		

200 Series

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

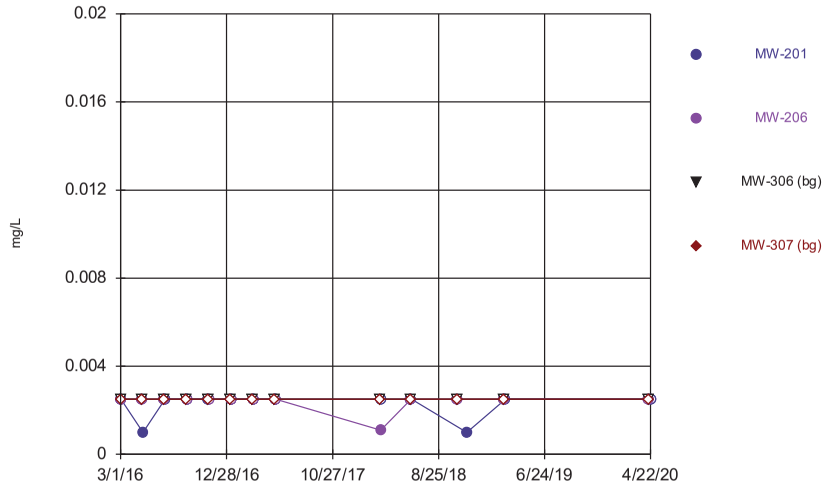
Time Series



Constituent: Antimony Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

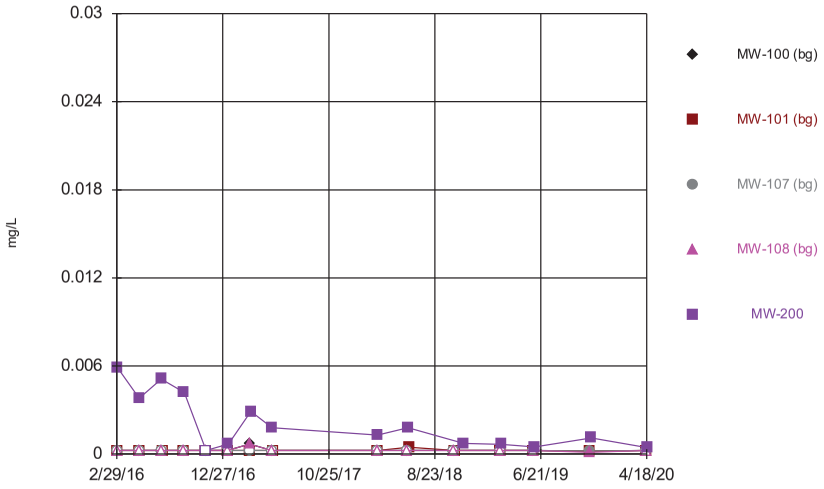
Time Series



Constituent: Antimony Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

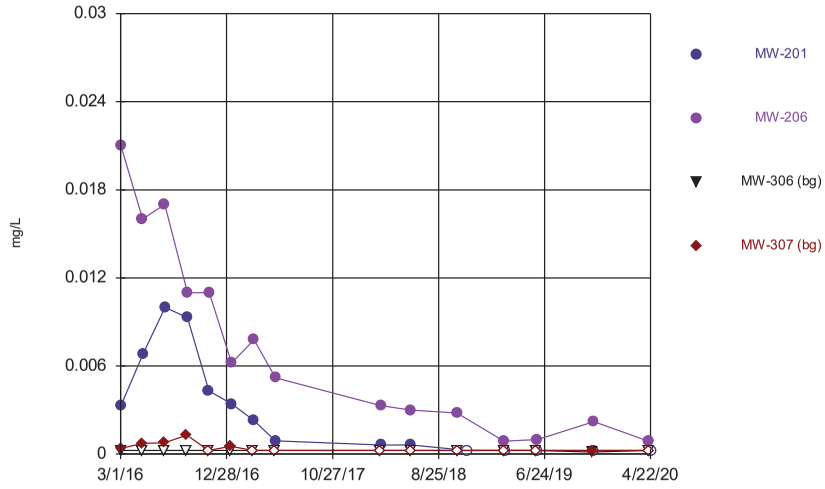
Time Series



Constituent: Arsenic Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

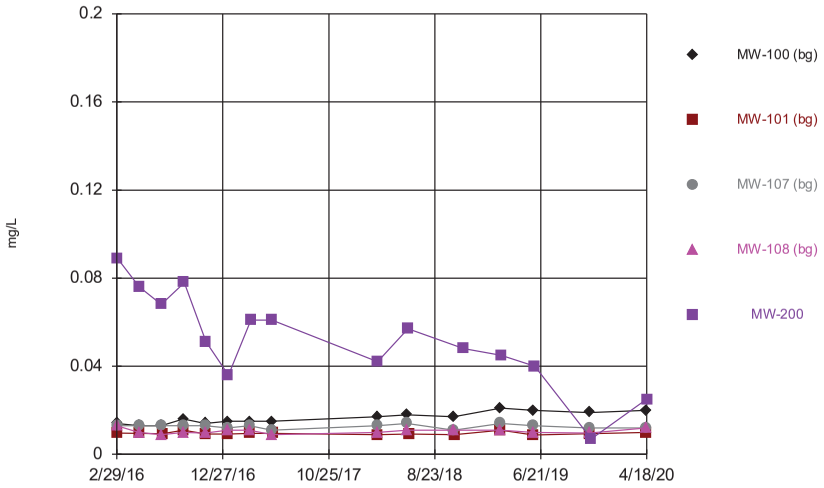
Time Series



Constituent: Arsenic Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

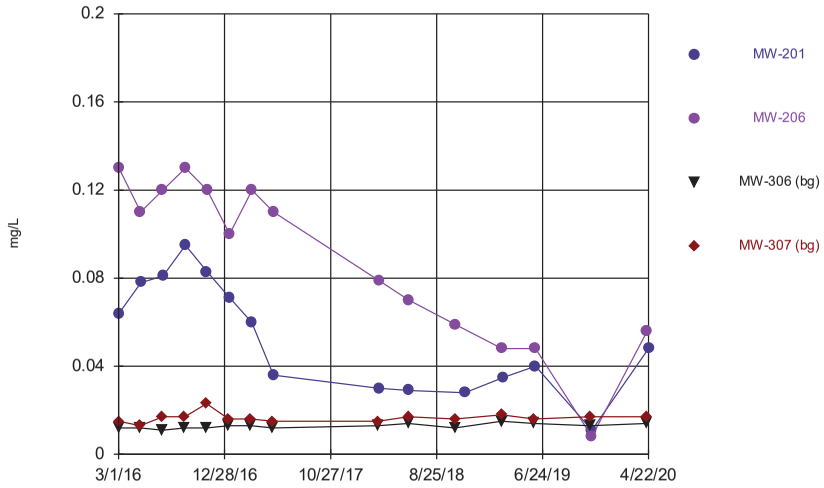
Time Series



Constituent: Barium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

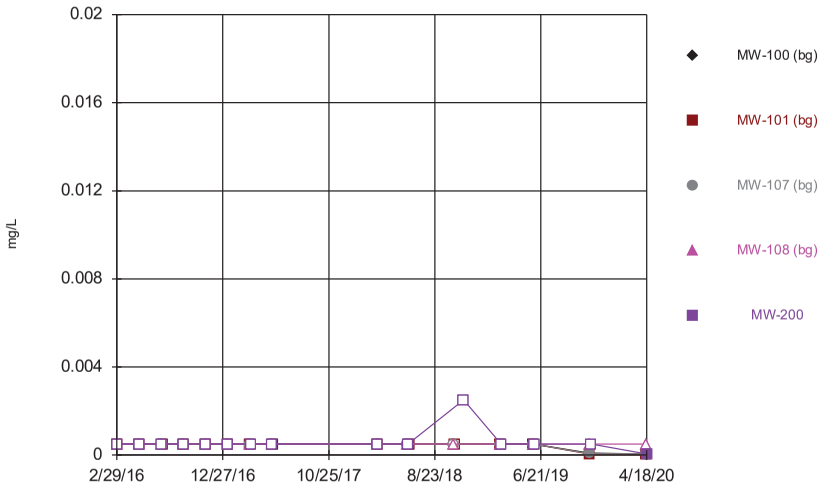
Time Series



Constituent: Barium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

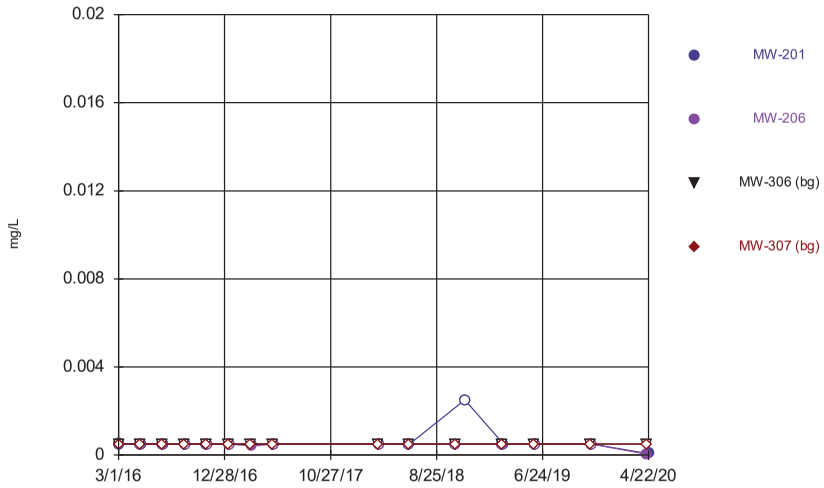
Time Series



Constituent: Beryllium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

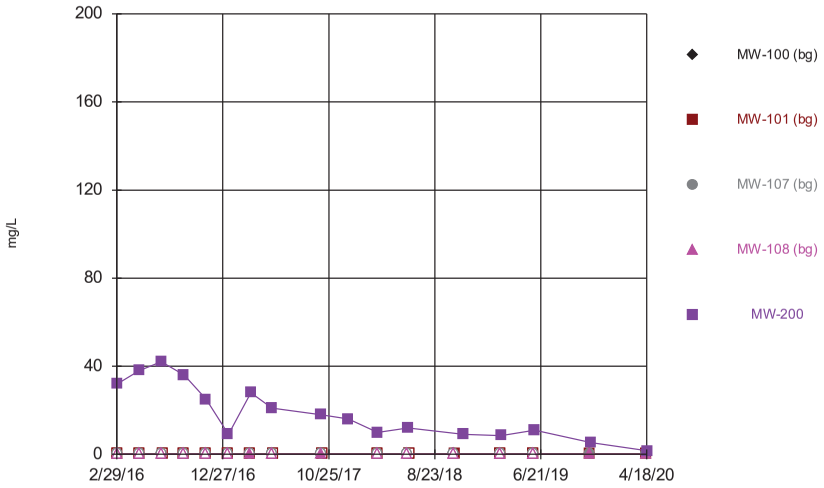
Time Series



Constituent: Beryllium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

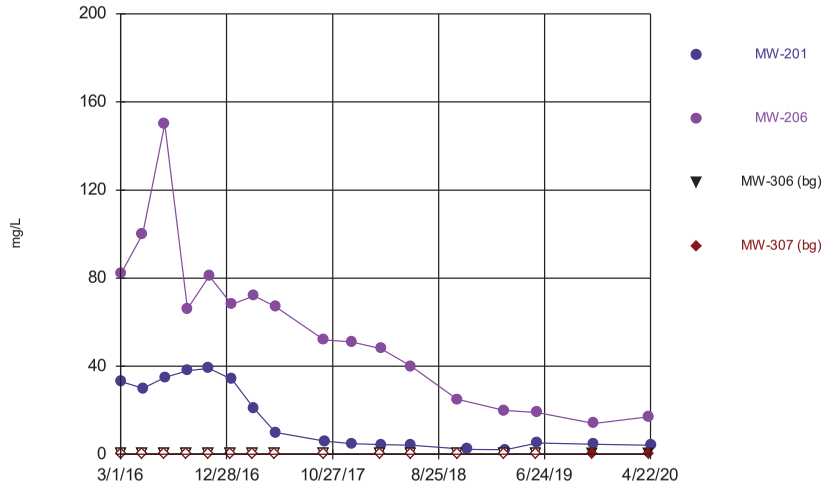
Time Series



Constituent: Boron Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

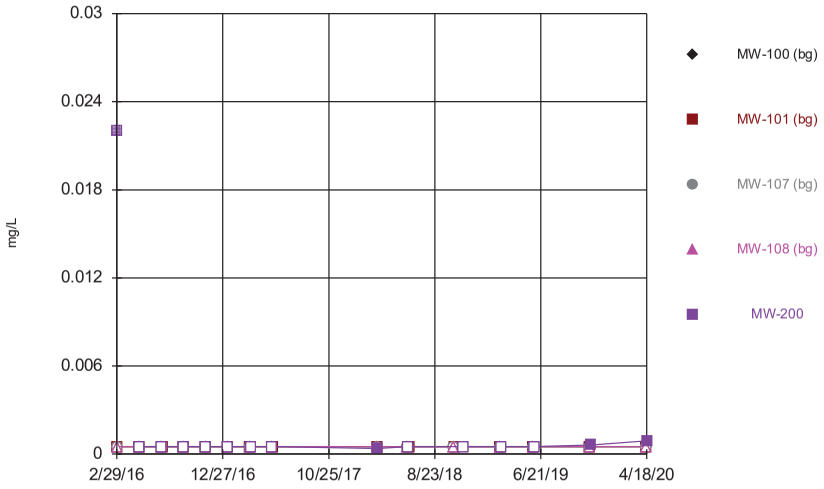
Time Series



Constituent: Boron Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

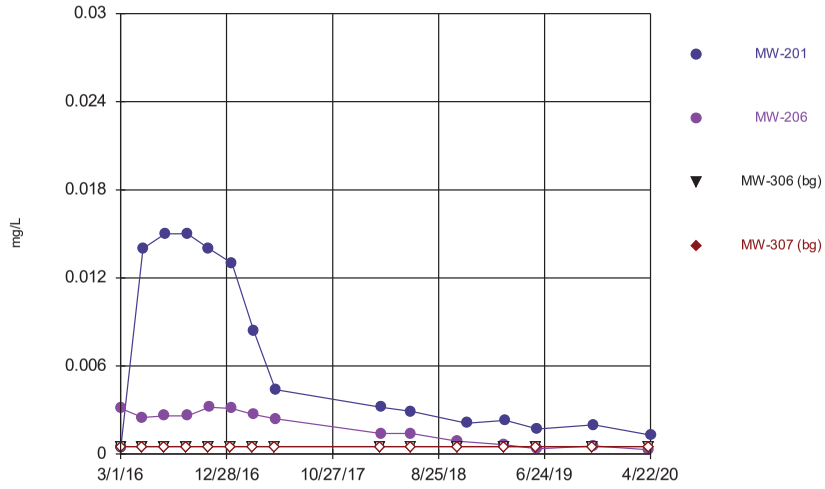
Time Series



Constituent: Cadmium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

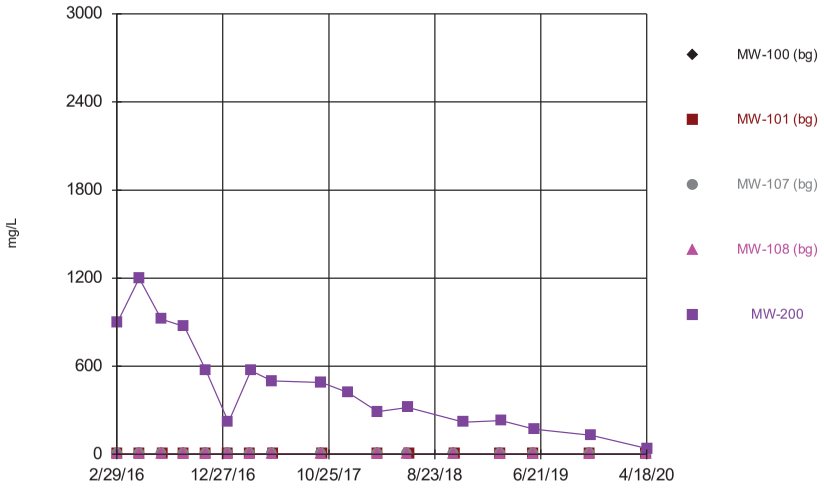
Time Series



Constituent: Cadmium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

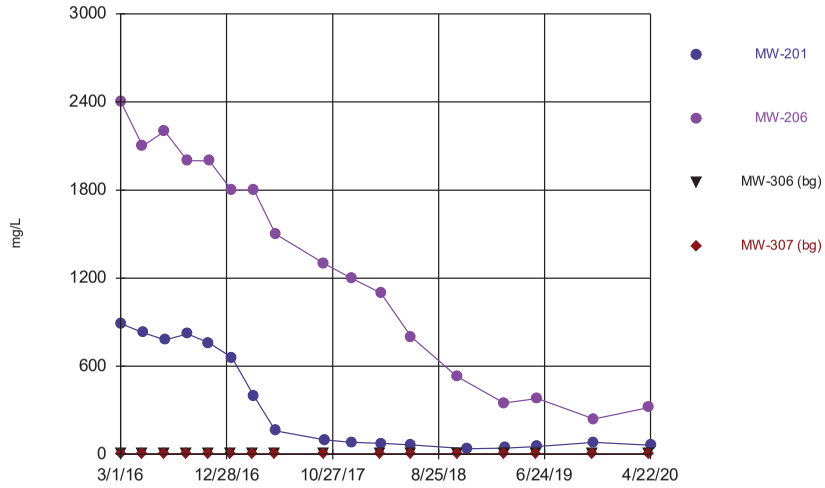
Time Series



Constituent: Calcium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

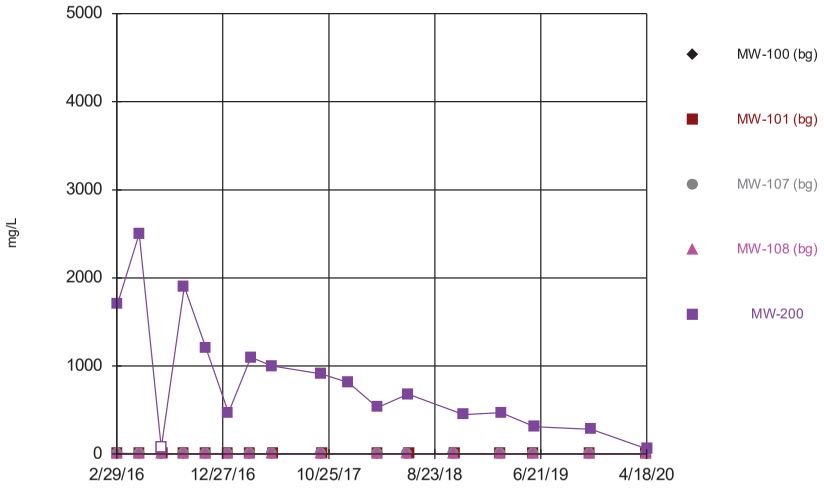
Time Series



Constituent: Calcium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

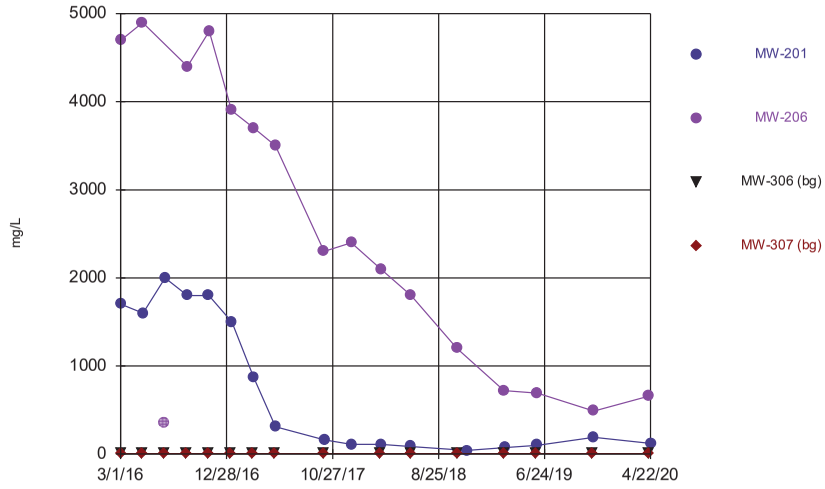
Time Series



Constituent: Chloride Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

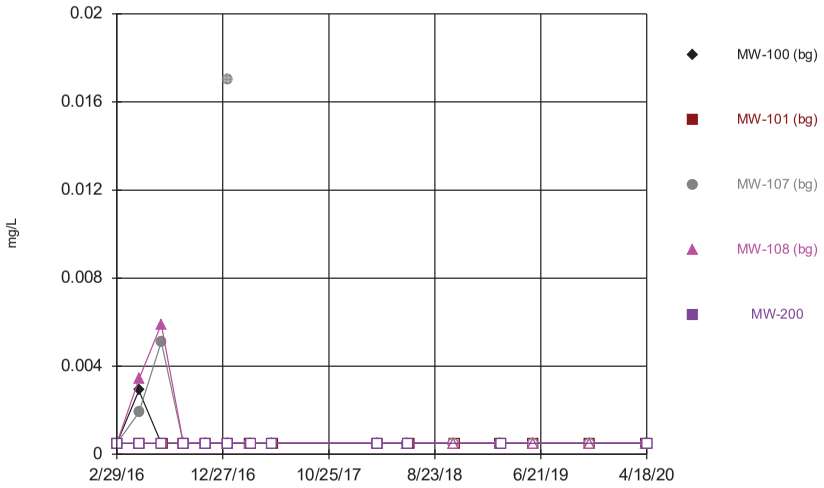
Time Series



Constituent: Chloride Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

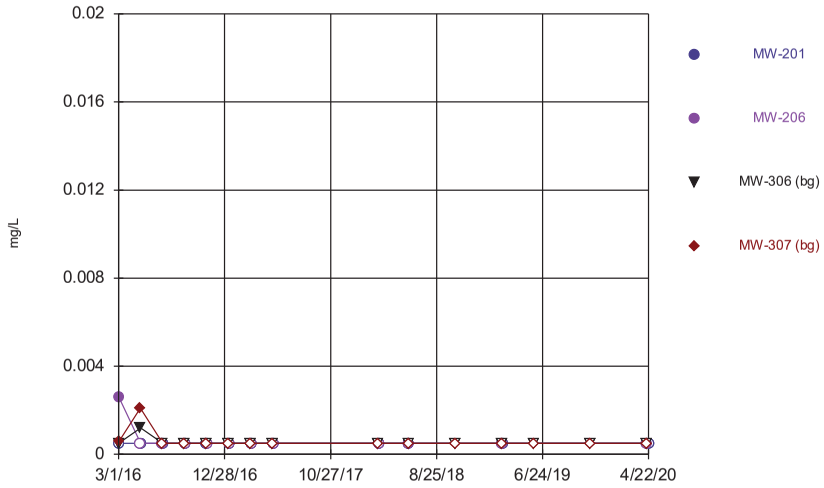
Time Series



Constituent: Chromium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

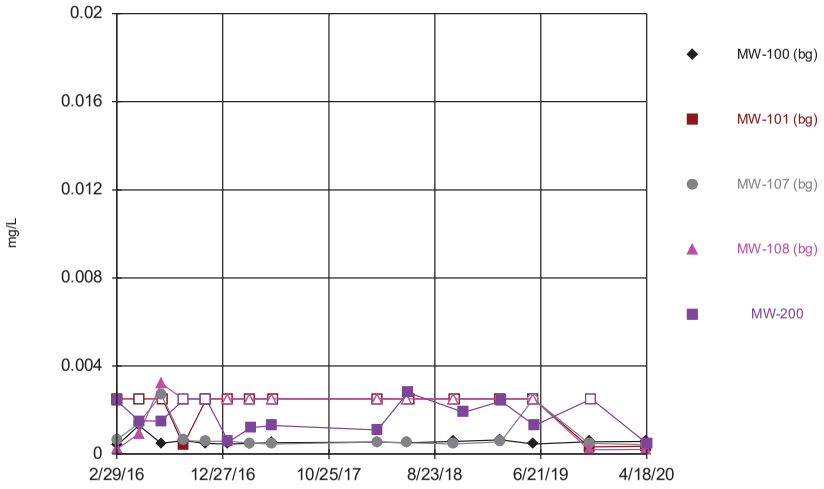
Time Series



Constituent: Chromium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

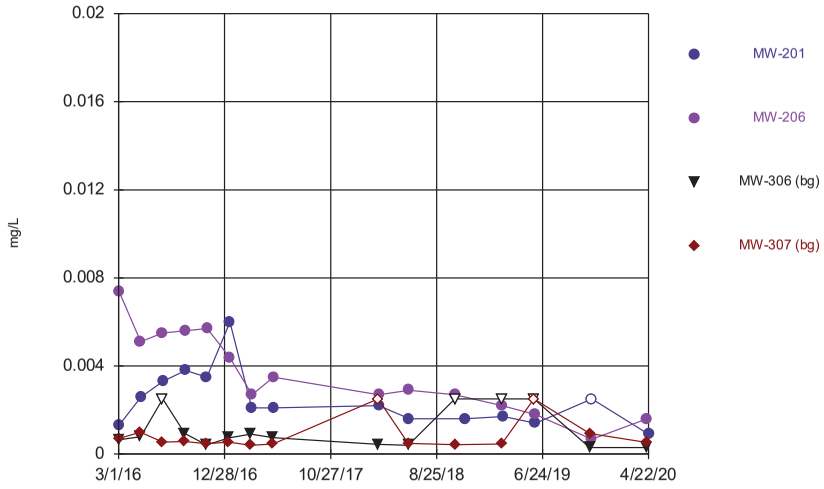
Time Series



Constituent: Cobalt Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

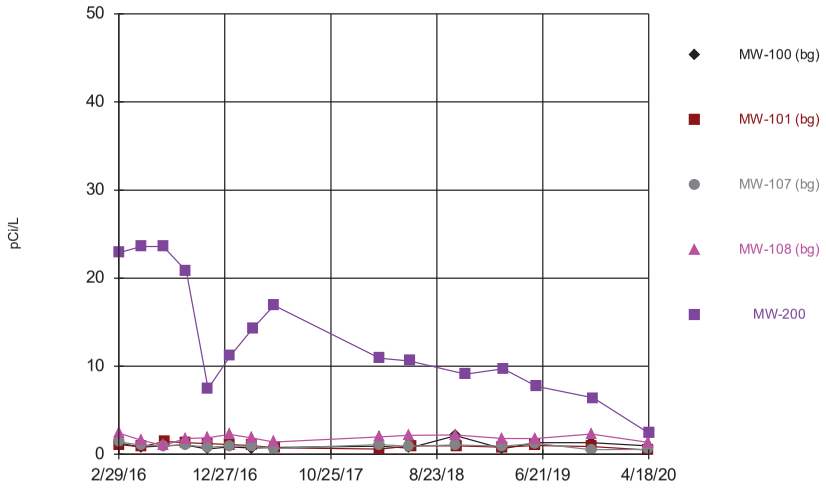
Time Series



Constituent: Cobalt Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

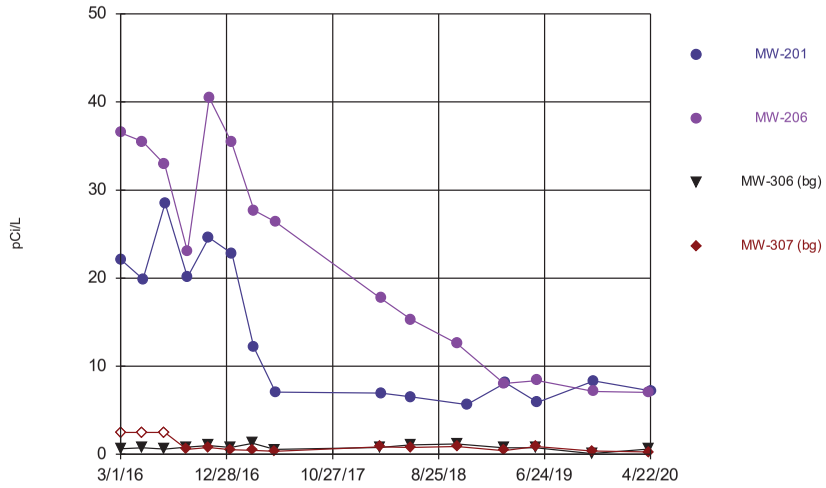
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

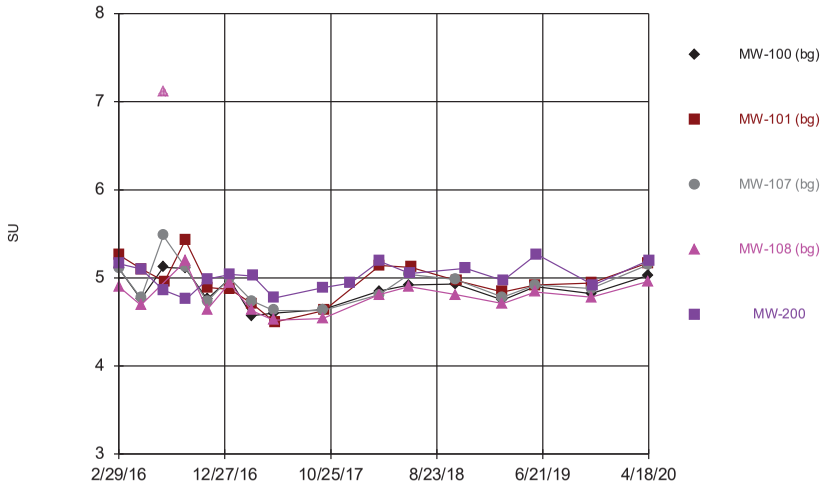
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

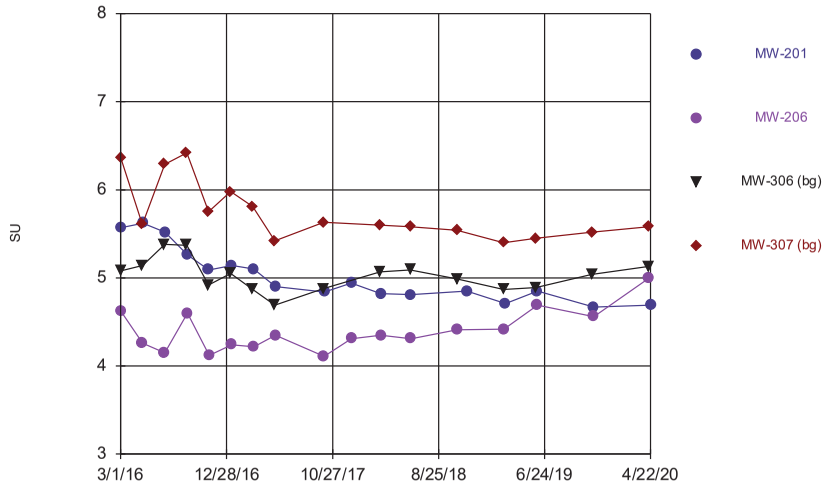
Time Series



Constituent: Field pH Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

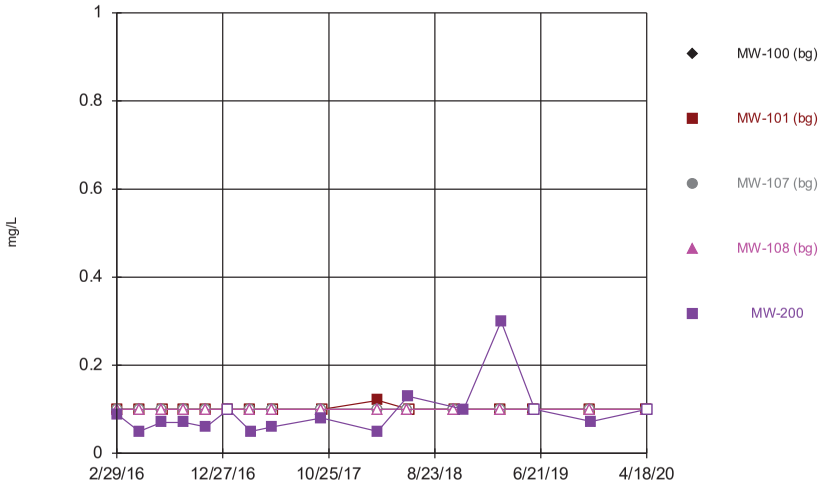
Time Series



Constituent: Field pH Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

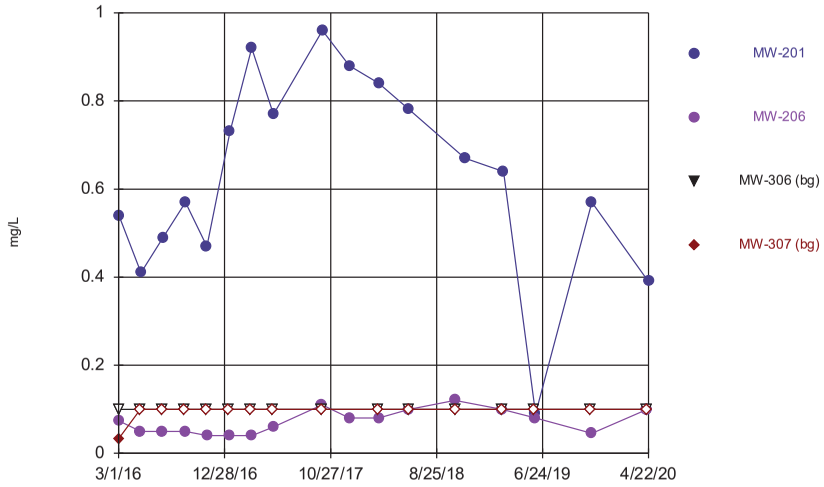
Time Series



Constituent: Fluoride Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

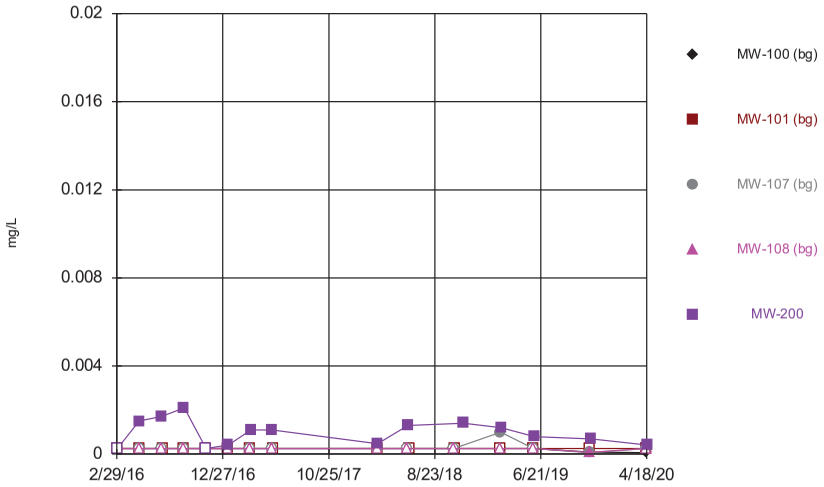
Time Series



Constituent: Fluoride Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

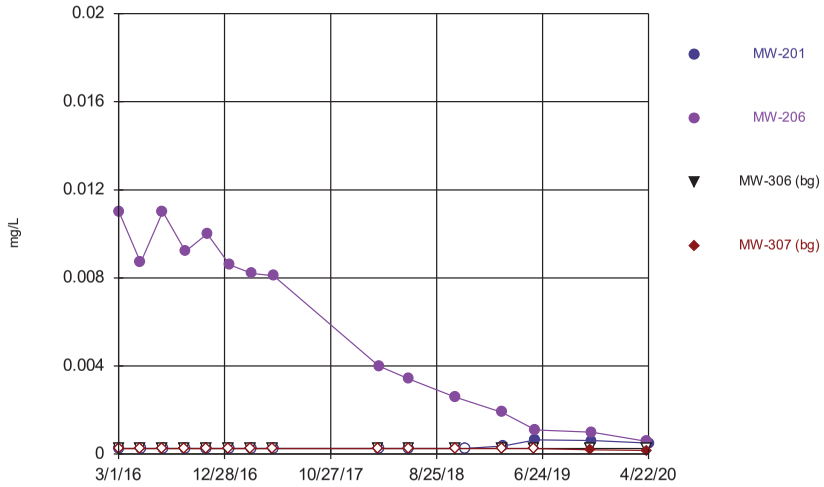
Time Series



Constituent: Lead Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

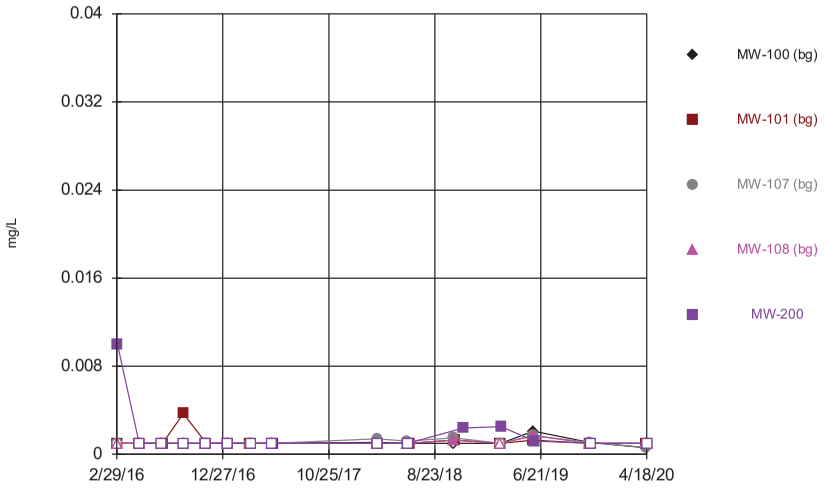
Time Series



Constituent: Lead Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

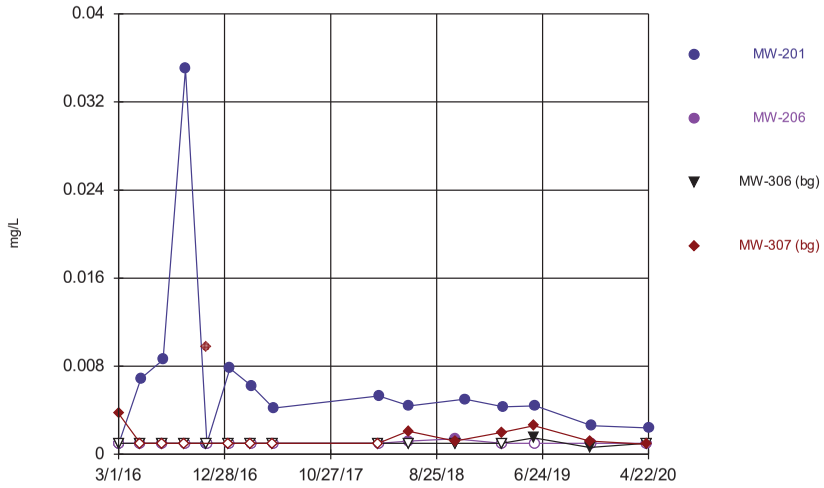
Time Series



Constituent: Lithium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

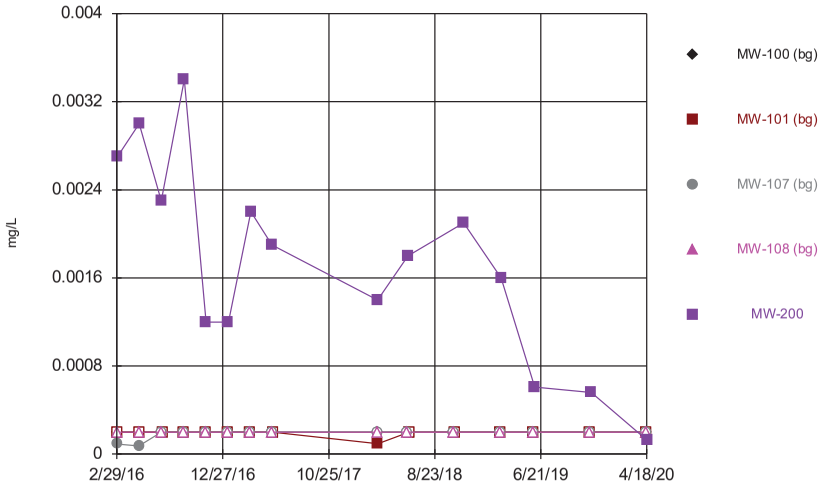
Time Series



Constituent: Lithium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

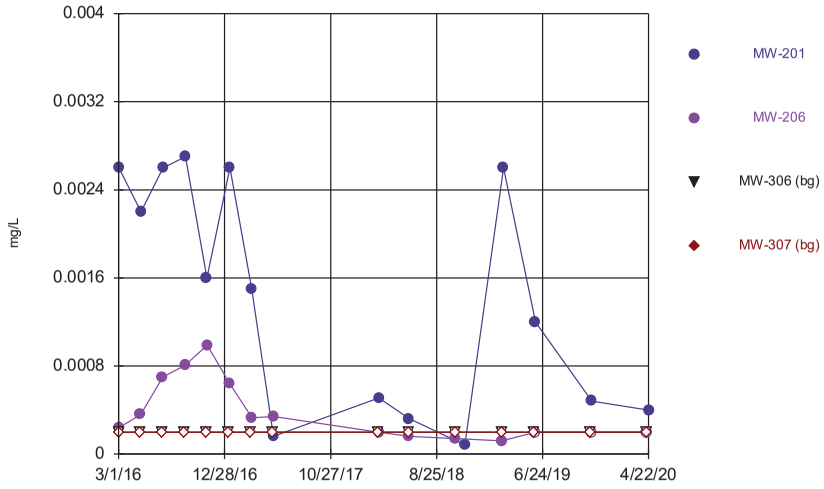
Time Series



Constituent: Mercury Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

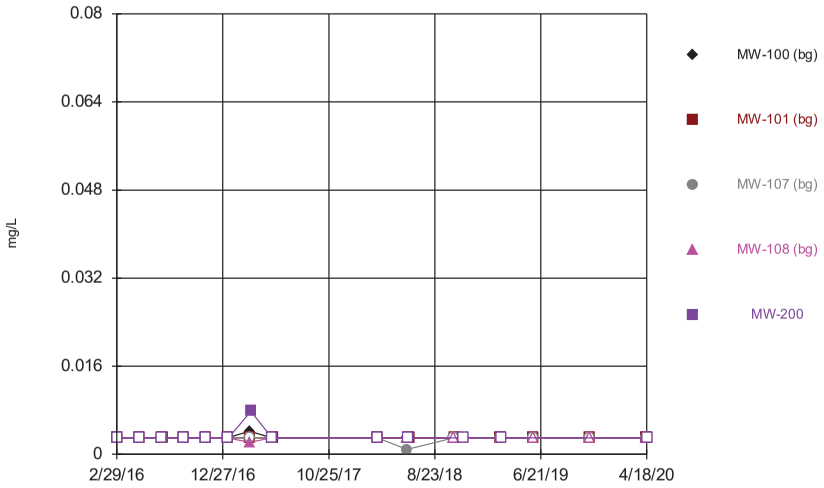
Time Series



Constituent: Mercury Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

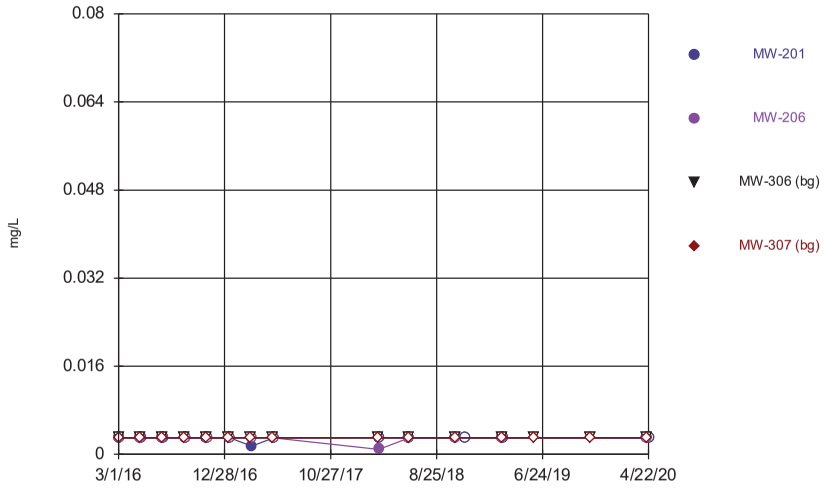
Time Series



Constituent: Molybdenum Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

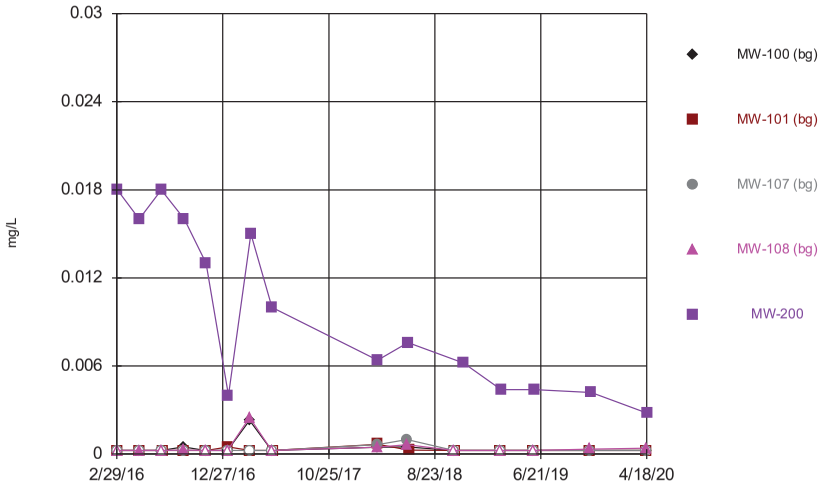
Time Series



Constituent: Molybdenum Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

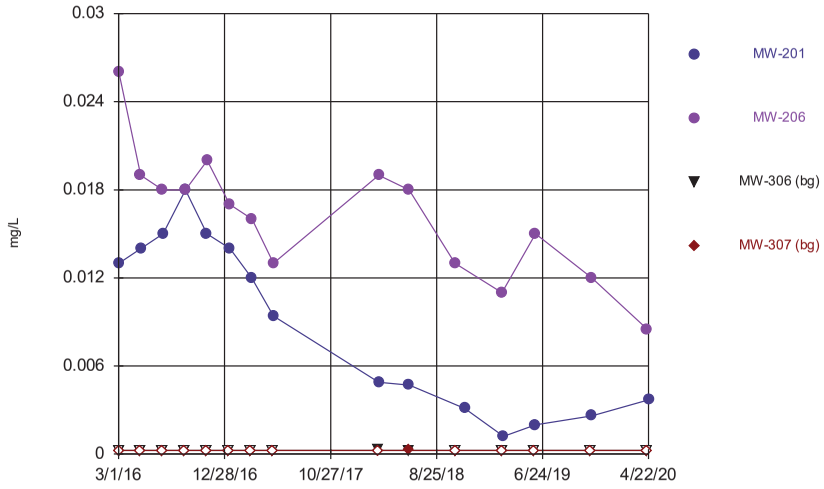
Time Series



Constituent: Selenium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

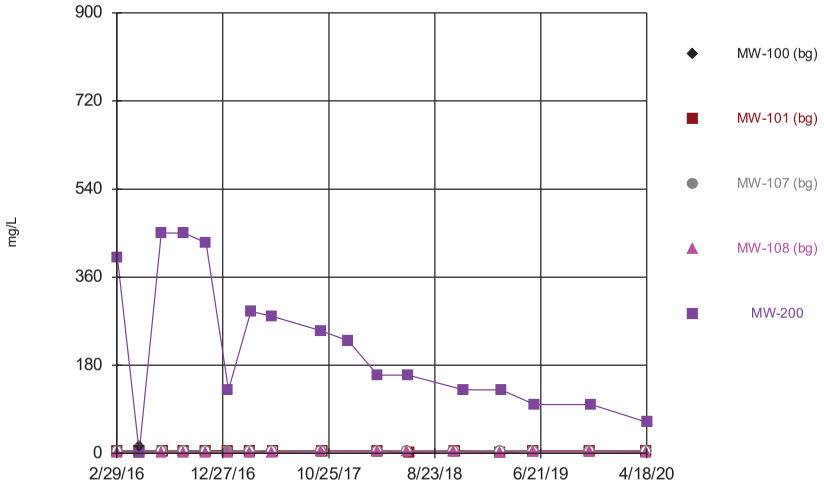
Time Series



Constituent: Selenium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

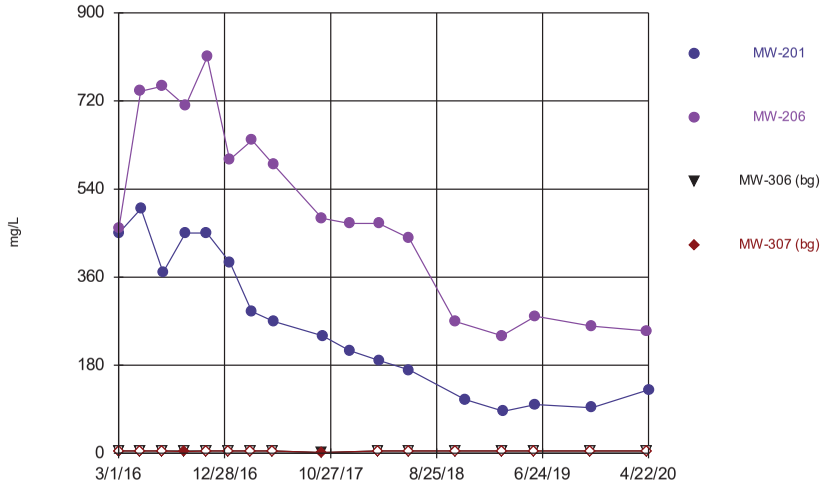
Time Series



Constituent: Sulfate Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

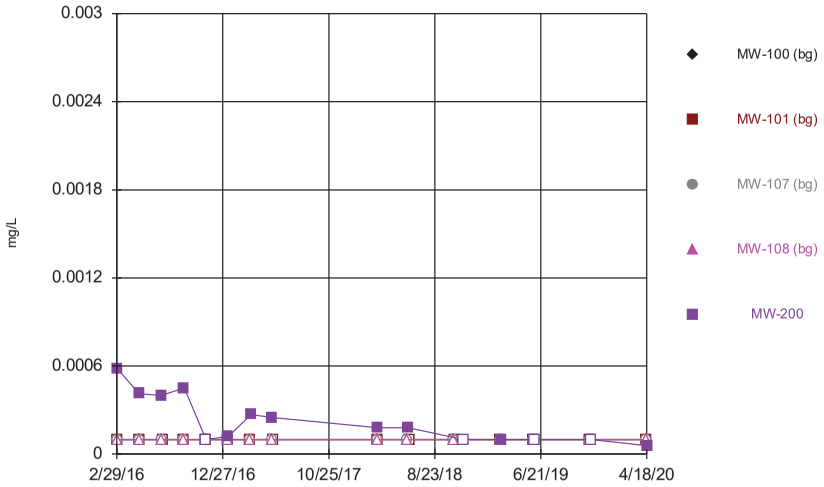
Time Series



Constituent: Sulfate Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

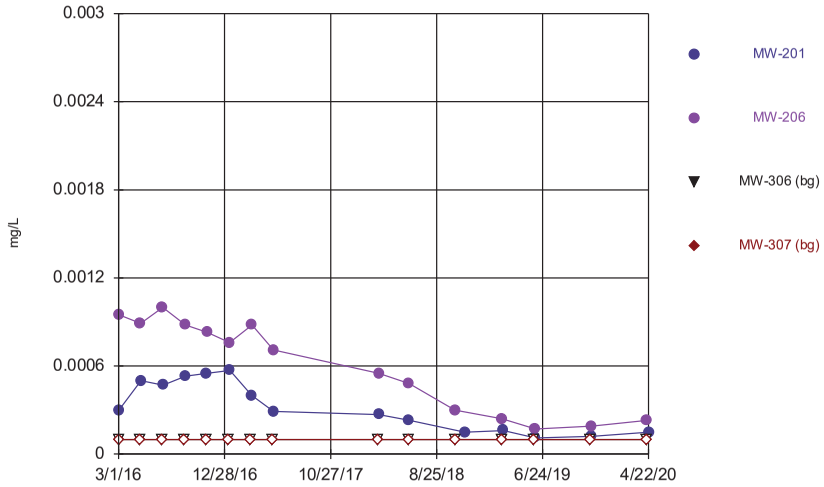
Time Series



Constituent: Thallium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

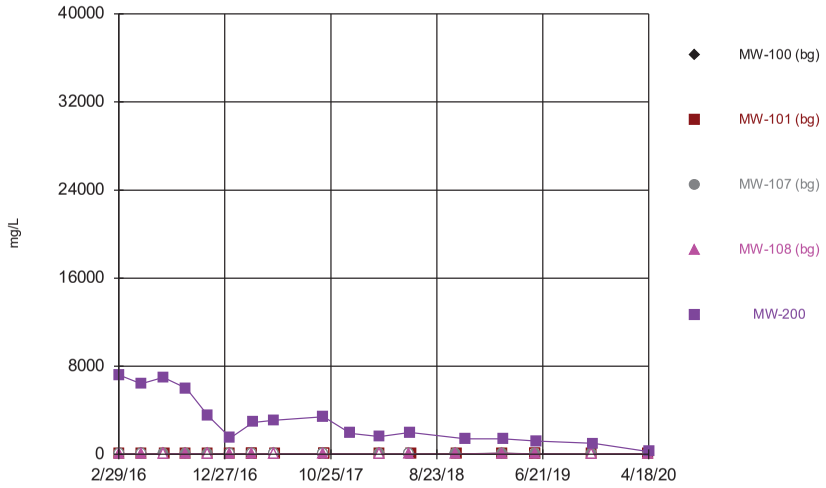
Time Series



Constituent: Thallium Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

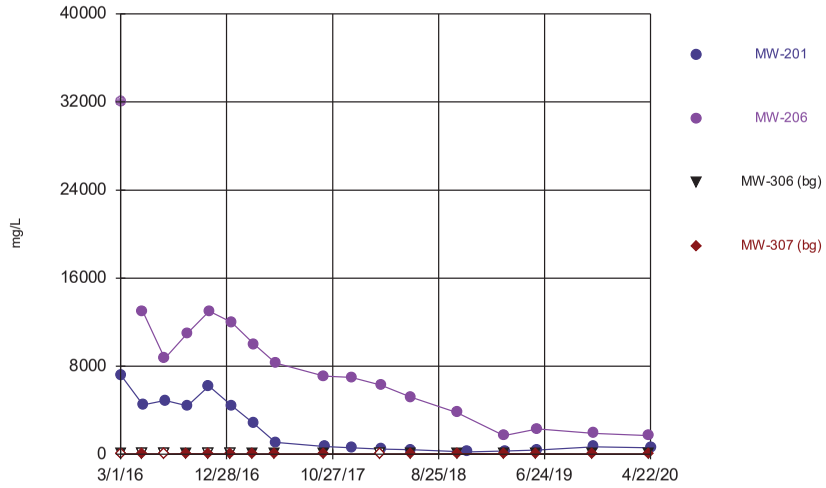
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:33 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025	
5/3/2016					<0.0025
5/4/2016		<0.0025			
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	<0.0025		<0.0025	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0025
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0025
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					<0.0025
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0025
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
11/13/2018					<0.0025
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	
4/18/2020					<0.0025

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	<0.0025
3/2/2016	<0.0025	<0.0025		
5/2/2016				<0.0025
5/3/2016		<0.0025	<0.0025	
5/4/2016	0.001 (J)			
7/5/2016		<0.0025	<0.0025	<0.0025
7/6/2016	<0.0025			
9/6/2016			<0.0025	<0.0025
9/8/2016	<0.0025	<0.0025		
11/7/2016			<0.0025	<0.0025
11/8/2016	<0.0025			
11/9/2016		<0.0025		
1/9/2017			<0.0025	<0.0025
1/12/2017		<0.0025		
1/13/2017	<0.0025			
3/13/2017			<0.0025	<0.0025
3/16/2017	<0.0025			
3/17/2017		<0.0025		
5/15/2017			<0.0025	<0.0025
5/17/2017	<0.0025	<0.0025		
3/12/2018			<0.0025	<0.0025
3/14/2018	<0.0025	0.0011 (J)		
6/6/2018			<0.0025	<0.0025
6/8/2018		<0.0025		
6/9/2018	<0.0025			
10/17/2018		<0.0025	<0.0025	<0.0025
11/14/2018	0.001 (J)			
2/27/2019			<0.0025	<0.0025
2/28/2019		<0.0025		
3/5/2019	<0.0025			
4/16/2020			<0.0025	<0.0025
4/18/2020		<0.0025		
4/22/2020	<0.0025			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025	
3/2/2016					0.0059 (J)
5/2/2016	<0.00025		<0.00025	<0.00025	
5/3/2016					0.0038
5/4/2016		<0.00025			
7/5/2016	<0.00025		<0.00025	<0.00025	0.0051
7/8/2016		<0.00025			
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025	
9/8/2016					0.0042 (J)
11/7/2016	<0.00025		<0.00025	<0.00025	
11/9/2016					<0.00025
11/10/2016		<0.00025			
1/9/2017	<0.00025		<0.00025	<0.00025	
1/11/2017		<0.00025			
1/12/2017					0.00068 (J)
3/13/2017	0.00069 (J)		<0.00025	0.00069 (J)	
3/14/2017		<0.00025			
3/17/2017					0.0029
5/15/2017	<0.00025		<0.00025	<0.00025	
5/16/2017					0.0018
5/18/2017		<0.00025			
3/12/2018	<0.00025		<0.00025	<0.00025	
3/13/2018					0.0013
3/14/2018		<0.00025			
6/5/2018	<0.00025		<0.00025	<0.00025	
6/8/2018					0.0018
6/10/2018		0.00046 (J)			
10/16/2018	<0.00025		<0.00025	<0.00025	
10/18/2018		<0.00025			
11/13/2018					0.00072 (J)
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025	
2/28/2019					0.00067 (J)
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	
6/4/2019					0.00048 (J)
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)	
11/12/2019					0.0011 (J)
4/16/2020	<0.00025	<0.00025	<0.00025	<0.00025	
4/18/2020					0.00044

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00025	0.00038 (J)
3/2/2016	0.0033 (J)	0.021		
5/2/2016				0.00073 (J)
5/3/2016		0.016	<0.00025	
5/4/2016	0.0068			
7/5/2016		0.017	<0.00025	0.00077 (J)
7/6/2016	0.01			
9/6/2016			<0.00025	0.0013
9/8/2016	0.0093	0.011		
11/7/2016			<0.00025	<0.00025
11/8/2016	0.0043 (J)			
11/9/2016		0.011		
1/9/2017			<0.00025	0.00053 (J)
1/12/2017		0.0062		
1/13/2017	0.0034			
3/13/2017			<0.00025	<0.00025
3/16/2017	0.0023			
3/17/2017		0.0078		
5/15/2017			<0.00025	<0.00025
5/17/2017	0.0009 (J)	0.0052		
3/12/2018			<0.00025	<0.00025
3/14/2018	0.00062 (J)	0.0033		
6/6/2018			<0.00025	<0.00025
6/8/2018		0.003		
6/9/2018	0.00063 (J)			
10/17/2018		0.0028	<0.00025	<0.00025
11/14/2018	<0.00025			
2/27/2019			<0.00025	<0.00025
2/28/2019		0.00089 (J)		
3/5/2019	<0.00025			
5/31/2019			<0.00025	<0.00025
6/4/2019	<0.00025	0.001 (J)		
11/6/2019			0.00014 (J)	0.00024 (J)
11/12/2019	<0.00025	0.0022 (V)		
4/16/2020			<0.00025	<0.00025
4/18/2020		0.00086		
4/22/2020	<0.00025			

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	0.014	0.0097 (J)	0.013	0.013	
3/2/2016					0.089
5/2/2016	0.013		0.013	0.01	
5/3/2016					0.076
5/4/2016		0.0095			
7/5/2016	0.013		0.013	0.0089	0.068
7/8/2016		0.0093			
9/6/2016	0.016	0.011	0.013	0.01	
9/8/2016					0.078
11/7/2016	0.014		0.013	0.0096	
11/9/2016					0.051
11/10/2016		0.0092			
1/9/2017	0.015		0.012	0.011	
1/11/2017		0.0092			
1/12/2017					0.036
3/13/2017	0.015		0.013	0.011	
3/14/2017		0.0095			
3/17/2017					0.061
5/15/2017	0.015		0.011	0.0089	
5/16/2017					0.061
5/18/2017		0.0095			
3/12/2018	0.017		0.013	0.01	
3/13/2018					0.042
3/14/2018		0.0089			
6/5/2018	0.018		0.014	0.011	
6/8/2018					0.057
6/10/2018		0.0092			
10/16/2018	0.017		0.011	0.011	
10/18/2018		0.0089			
11/13/2018					0.048
2/27/2019	0.021	0.011	0.014	0.011	
2/28/2019					0.045
5/31/2019	0.02	0.0088	0.013	0.01	
6/4/2019					0.04
11/6/2019	0.019	0.0094	0.012	0.0097	
11/12/2019					0.0071
4/16/2020	0.02	0.0099	0.012	0.012	
4/18/2020					0.025

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			0.012	0.015
3/2/2016	0.064	0.13		
5/2/2016				0.013
5/3/2016		0.11	0.012	
5/4/2016	0.078			
7/5/2016		0.12	0.011	0.017
7/6/2016	0.081			
9/6/2016			0.012	0.017
9/8/2016	0.095	0.13		
11/7/2016			0.012	0.023
11/8/2016	0.083			
11/9/2016		0.12		
1/9/2017			0.013	0.016
1/12/2017		0.1		
1/13/2017	0.071			
3/13/2017			0.013	0.016
3/16/2017	0.06			
3/17/2017		0.12		
5/15/2017			0.012	0.015
5/17/2017	0.036	0.11		
3/12/2018			0.013	0.015
3/14/2018	0.03	0.079		
6/6/2018			0.014	0.017
6/8/2018		0.07		
6/9/2018	0.029			
10/17/2018		0.059	0.012	0.016
11/14/2018	0.028			
2/27/2019			0.015	0.018
2/28/2019		0.048		
3/5/2019	0.035			
5/31/2019			0.014	0.016
6/4/2019	0.04	0.048		
11/6/2019			0.013	0.017
11/12/2019	0.011	0.0081		
4/16/2020			0.014	0.017
4/18/2020		0.056		
4/22/2020	0.048			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005	
3/2/2016					<0.0005
5/2/2016	<0.0005		<0.0005	<0.0005	
5/3/2016					<0.0005
5/4/2016		<0.0005			
7/5/2016	<0.0005		<0.0005	<0.0005	<0.0005
7/8/2016		<0.0005			
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	
9/8/2016					<0.0005
11/7/2016	<0.0005		<0.0005	<0.0005	
11/9/2016					<0.0005
11/10/2016		<0.0005			
1/9/2017	<0.0005		<0.0005	<0.0005	
1/11/2017		<0.0005			
1/12/2017					<0.0005
3/13/2017	<0.0005		<0.0005	<0.0005	
3/14/2017		<0.0005			
3/17/2017					<0.0005
5/15/2017	<0.0005		<0.0005	<0.0005	
5/16/2017					<0.0005
5/18/2017		<0.0005			
3/12/2018	<0.0005		<0.0005	<0.0005	
3/13/2018					<0.0005
3/14/2018		<0.0005			
6/5/2018	<0.0005		<0.0005	<0.0005	
6/8/2018					<0.0005
6/10/2018		<0.0005			
10/16/2018	<0.0005		<0.0005	<0.0005	
10/18/2018		<0.0005			
11/13/2018					<0.0025 (J3)
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	
2/28/2019					<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	
6/4/2019					<0.0005
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0005	
11/12/2019					<0.0005
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0005	
4/18/2020					4.5E-05 (J)

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0005	<0.0005
3/2/2016	<0.0005	0.00055 (J)		
5/2/2016				<0.0005
5/3/2016		<0.0005	<0.0005	
5/4/2016	<0.0005			
7/5/2016		0.00048 (J)	<0.0005	<0.0005
7/6/2016	<0.0005			
9/6/2016			<0.0005	<0.0005
9/8/2016	<0.0005	<0.0005		
11/7/2016			<0.0005	<0.0005
11/8/2016	<0.0005			
11/9/2016		<0.0005		
1/9/2017			<0.0005	<0.0005
1/12/2017		<0.0005		
1/13/2017	<0.0005			
3/13/2017			<0.0005	<0.0005
3/16/2017	<0.0005			
3/17/2017		0.00042 (J)		
5/15/2017			<0.0005	<0.0005
5/17/2017	<0.0005	<0.0005		
3/12/2018			<0.0005	<0.0005
3/14/2018	<0.0005	<0.0005		
6/6/2018			<0.0005	<0.0005
6/8/2018		<0.0005		
6/9/2018	<0.0005			
10/17/2018		<0.0005	<0.0005	<0.0005
11/14/2018	<0.0025 (J3)			
2/27/2019			<0.0005	<0.0005
2/28/2019		<0.0005		
3/5/2019	<0.0005			
5/31/2019			<0.0005	<0.0005
6/4/2019	<0.0005	<0.0005		
11/6/2019			<0.0005	<0.0005
11/12/2019	<0.0005	<0.0005		
4/16/2020			<0.0005	<0.0005
4/18/2020		4.1E-05 (J)		
4/22/2020	6.9E-05 (J)			

Time Series

Constituent: Boron (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.05	<0.05	<0.05	<0.05	
3/2/2016					32
5/2/2016	<0.05		<0.05	<0.05	
5/3/2016					38
5/4/2016		<0.05			
7/5/2016	<0.05		<0.05	<0.05	42
7/8/2016		<0.05			
9/6/2016	<0.05	<0.05	<0.05	<0.05	
9/8/2016					36
11/7/2016	<0.05		<0.05	<0.05	
11/9/2016					25
11/10/2016		<0.05			
1/9/2017	<0.05		<0.05	<0.05	
1/11/2017		<0.05			
1/12/2017					9.1
3/13/2017	<0.05		<0.05	0.022 (J)	
3/14/2017		<0.05			
3/17/2017					28
5/15/2017	<0.05		<0.05	<0.05	
5/16/2017					21
5/18/2017		<0.05			
10/2/2017	<0.05		<0.05	0.023 (J)	
10/4/2017					18
10/5/2017		<0.05			
12/20/2017					16 (R)
3/12/2018	<0.05		<0.05	<0.05	
3/13/2018					10
3/14/2018		<0.05			
6/5/2018	<0.05		<0.05	<0.05	
6/8/2018					12
6/10/2018		<0.05			
10/16/2018	<0.05		<0.05	<0.05	
10/18/2018		0.081			
11/13/2018					9.1
2/27/2019	<0.05	<0.05	<0.05	<0.05	
2/28/2019					8.5
5/31/2019	<0.05	<0.05	<0.05	<0.05	
6/4/2019					11
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)	
11/12/2019					5.3
4/16/2020	0.02	0.013	0.013	0.017	
4/18/2020					1.6

Time Series

Constituent: Boron (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.05	<0.05
3/2/2016	33	82		
5/2/2016				<0.05
5/3/2016		100	<0.05	
5/4/2016	30			
7/5/2016		150	<0.05	<0.05
7/6/2016	35			
9/6/2016			<0.05	<0.05
9/8/2016	38	66		
11/7/2016			<0.05	<0.05
11/8/2016	39			
11/9/2016		81		
1/9/2017			<0.05	<0.05
1/12/2017		68		
1/13/2017	34			
3/13/2017			<0.05	<0.05
3/16/2017	21			
3/17/2017		72		
5/15/2017			<0.05	<0.05
5/17/2017	10	67		
10/2/2017			<0.05	<0.05
10/3/2017		52		
10/4/2017	6			
12/20/2017	4.9 (R)	51		
3/12/2018			<0.05	<0.05
3/14/2018	4.4	48		
6/6/2018			<0.05	<0.05
6/8/2018		40		
6/9/2018	4.1			
10/17/2018		25	<0.05	<0.05
11/14/2018	2.3			
2/27/2019			<0.05	<0.05
2/28/2019		20		
3/5/2019	2.1			
5/31/2019			<0.05	<0.05
6/4/2019	5.2	19		
11/6/2019			0.011 (V)	0.0099 (J)
11/12/2019	4.5	14		
4/16/2020			0.0075 (J)	0.0055 (J)
4/18/2020		17		
4/22/2020	4.2			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005	
3/2/2016					0.022 (o)
5/2/2016	<0.0005		<0.0005	<0.0005	
5/3/2016					<0.0005
5/4/2016		<0.0005			
7/5/2016	<0.0005		<0.0005	<0.0005	<0.0005
7/8/2016		<0.0005			
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	
9/8/2016					<0.0005
11/7/2016	<0.0005		<0.0005	<0.0005	
11/9/2016					<0.0005
11/10/2016		<0.0005			
1/9/2017	<0.0005		<0.0005	<0.0005	
1/11/2017		<0.0005			
1/12/2017					<0.0005
3/13/2017	<0.0005		<0.0005	<0.0005	
3/14/2017		<0.0005			
3/17/2017					<0.0005
5/15/2017	<0.0005		<0.0005	<0.0005	
5/16/2017					<0.0005
5/18/2017		<0.0005			
3/12/2018	<0.0005		<0.0005	<0.0005	
3/13/2018					0.00039 (J)
3/14/2018		<0.0005			
6/5/2018	<0.0005		<0.0005	<0.0005	
6/8/2018					<0.0005
6/10/2018		<0.0005			
10/16/2018	<0.0005		<0.0005	<0.0005	
10/18/2018		<0.0005			
11/13/2018					<0.0005
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	
2/28/2019					<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	
6/4/2019					<0.0005
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	
11/12/2019					0.00061 (J)
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005	
4/18/2020					0.00091

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0005	<0.0005
3/2/2016	<0.0005	0.0031 (J)		
5/2/2016				<0.0005
5/3/2016		0.0025	<0.0005	
5/4/2016	0.014			
7/5/2016		0.0026	<0.0005	<0.0005
7/6/2016	0.015			
9/6/2016			<0.0005	<0.0005
9/8/2016	0.015	0.0026 (J)		
11/7/2016			<0.0005	<0.0005
11/8/2016	0.014			
11/9/2016		0.0032 (J)		
1/9/2017			<0.0005	<0.0005
1/12/2017		0.0031		
1/13/2017	0.013			
3/13/2017			<0.0005	<0.0005
3/16/2017	0.0084			
3/17/2017		0.0027		
5/15/2017			<0.0005	<0.0005
5/17/2017	0.0044	0.0024 (J)		
3/12/2018			<0.0005	<0.0005
3/14/2018	0.0032	0.0014 (J)		
6/6/2018			<0.0005	<0.0005
6/8/2018		0.0014 (J)		
6/9/2018	0.0029			
10/17/2018		0.00088 (J)	<0.0005	<0.0005
11/14/2018	0.0021 (J)			
2/27/2019			<0.0005	<0.0005
2/28/2019		0.00065 (J)		
3/5/2019	0.0023 (J)			
5/31/2019			<0.0005	<0.0005
6/4/2019	0.0017 (J)	0.00035 (J)		
11/6/2019			<0.0005	<0.0005
11/12/2019	0.002 (J)	0.00055 (J)		
4/16/2020			<0.0005	<0.0005
4/18/2020		0.00029 (J)		
4/22/2020	0.0013			

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	1	1 (J)	0.67	1.4	
3/2/2016					900
5/2/2016	0.78		0.58	1.1	
5/3/2016					1200
5/4/2016		0.62			
7/5/2016	0.65		0.43	0.94	920
7/8/2016		0.4			
9/6/2016	0.7	0.45	0.48	1	
9/8/2016					870
11/7/2016	0.8		0.56	1.2	
11/9/2016					570
11/10/2016		0.44			
1/9/2017	0.74		0.43	1.2	
1/11/2017		0.42			
1/12/2017					220
3/13/2017	0.78		0.48	1.3	
3/14/2017		0.42			
3/17/2017					570
5/15/2017	0.76		0.37	1	
5/16/2017					500
5/18/2017		0.38			
10/2/2017	0.78		0.47	1.2	
10/4/2017					490
10/5/2017		0.39			
12/20/2017					420 (R)
3/12/2018	0.88		0.49	1.4	
3/13/2018					290
3/14/2018		0.49			
6/5/2018	0.9		0.49	1.2	
6/8/2018					320
6/10/2018		0.39			
10/16/2018	0.86		0.42	1.4	
10/18/2018		0.41			
11/13/2018					220
2/27/2019	0.96	0.44	0.56	1.3	
2/28/2019					230
5/31/2019	0.76	0.28	0.33	1.1	
6/4/2019					170
11/6/2019	0.88	0.46	0.49	1.2	
11/12/2019					130
4/16/2020	0.84	0.38	0.36	1.3	
4/18/2020					40

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			0.6	1.5
3/2/2016	890	2400		
5/2/2016				0.83
5/3/2016		2100	0.55	
5/4/2016	830			
7/5/2016		2200	0.53	1.6
7/6/2016	780			
9/6/2016			0.5	1.6
9/8/2016	820	2000		
11/7/2016			0.68	1.5
11/8/2016	760			
11/9/2016		2000		
1/9/2017			0.56	0.98
1/12/2017		1800		
1/13/2017	660			
3/13/2017			0.62	0.75
3/16/2017	400			
3/17/2017		1800		
5/15/2017			0.58	0.83
5/17/2017	160	1500		
10/2/2017			0.62	0.83
10/3/2017		1300		
10/4/2017	100			
12/20/2017	82 (R)	1200		
3/12/2018			0.59	0.71
3/14/2018	75	1100		
6/6/2018			0.59	0.68
6/8/2018		800		
6/9/2018	64			
10/17/2018		530	0.54	0.66
11/14/2018	38			
2/27/2019			0.63	0.7
2/28/2019		350		
3/5/2019	43			
5/31/2019			0.45	0.52
6/4/2019	54	380 (D)		
11/6/2019			0.55	0.74
11/12/2019	82	240		
4/16/2020			0.53	0.59
4/18/2020		320		
4/22/2020	61			

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	5.3	5.4	8.1	7.4	
3/2/2016					1700
5/2/2016	4.4		6	6.3	
5/3/2016					2500
5/4/2016		4.5			
7/5/2016	4.2		5.2	4.8	<140
7/8/2016		4.9			
9/6/2016	4.3	4.3	5.5	6	
9/8/2016					1900
11/7/2016	4.2		5.4	5.7	
11/9/2016					1200
11/10/2016		4.5			
1/9/2017	5.3		6.1	6.8	
1/11/2017		5.3			
1/12/2017					470
3/13/2017	5.2		5.5	6.8	
3/14/2017		5.5			
3/17/2017					1100
5/15/2017	4.8		4.7	6.1	
5/16/2017					1000
5/18/2017		5			
10/2/2017	5.5		6.1	6	
10/4/2017					910
10/5/2017		5.6			
12/20/2017					810 (R)
3/12/2018	5.3		6.1	5.9	
3/13/2018					530
3/14/2018		5.2			
6/5/2018	5.3		5.5	6.5	
6/8/2018					680
6/10/2018		5.2			
10/16/2018	5.5		5.1	5.9	
10/18/2018		5.2			
11/13/2018					450
2/27/2019	4.6	5.1	5	4.3	
2/28/2019					470
5/31/2019	5.1	5	5.4	4.5	
6/4/2019					310
11/6/2019	5.8	6	6.1	5.7	
11/12/2019					280
4/16/2020	6.1	5.8	5.3	5.6	
4/18/2020					59

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			5.6	4
3/2/2016	1700	4700		
5/2/2016				3.6
5/3/2016		4900	5.1	
5/4/2016	1600			
7/5/2016		360 (o)	4.7	3.6
7/6/2016	2000			
9/6/2016			4.4	4
9/8/2016	1800	4400		
11/7/2016			4.6	4.4
11/8/2016	1800			
11/9/2016		4800		
1/9/2017			5.3	4.4
1/12/2017		3900		
1/13/2017	1500			
3/13/2017			5.6	4.1
3/16/2017	870			
3/17/2017		3700		
5/15/2017			5.2	3.7
5/17/2017	310	3500		
10/2/2017			5.5	4.8
10/3/2017		2300		
10/4/2017	160			
12/20/2017	110 (R)	2400		
3/12/2018			5.6	4
3/14/2018	110	2100		
6/6/2018			5.6	4.1
6/8/2018		1800		
6/9/2018	86			
10/17/2018		1200	5.5	3.7
11/14/2018	41			
2/27/2019			5.1	4
2/28/2019		720		
3/5/2019	75			
5/31/2019			5.4	3.7
6/4/2019	98	690		
11/6/2019			5.9	4.7
11/12/2019	190	490		
4/16/2020			6.2	4.9
4/18/2020		660		
4/22/2020	120			

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005	
3/2/2016					<0.0005
5/2/2016	0.0029		0.0019 (J)	0.0034	
5/3/2016					<0.0005
5/4/2016		<0.0005			
7/5/2016	<0.0005		0.0051	0.0059	<0.0005
7/8/2016		<0.0005			
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	
9/8/2016					<0.0005
11/7/2016	<0.0005		<0.0005	<0.0005	
11/9/2016					<0.0005
11/10/2016		<0.0005			
1/9/2017	<0.0005		0.017 (o)	<0.0005	
1/11/2017		<0.0005			
1/12/2017					<0.0005
3/13/2017	<0.0005		<0.0005	<0.0005	
3/14/2017		<0.0005			
3/17/2017					<0.0005
5/15/2017	<0.0005		<0.0005	<0.0005	
5/16/2017					<0.0005
5/18/2017		<0.0005			
3/12/2018	<0.0005		<0.0005	<0.0005	
3/13/2018					<0.0005
3/14/2018		<0.0005			
6/5/2018	<0.0005		<0.0005	<0.0005	
6/8/2018					<0.0005
6/10/2018		<0.0005			
10/16/2018	<0.0005		<0.0005	<0.0005	
10/18/2018		<0.0005			
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	
2/28/2019					<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005	
4/18/2020					<0.0005

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0005	0.00056 (J)
3/2/2016	<0.0005	0.0026 (J)		
5/2/2016				0.0021 (J)
5/3/2016		<0.0005	0.0012 (J)	
5/4/2016	<0.0005			
7/5/2016		<0.0005	<0.0005	<0.0005
7/6/2016	<0.0005			
9/6/2016			<0.0005	<0.0005
9/8/2016	<0.0005	<0.0005		
11/7/2016			<0.0005	<0.0005
11/8/2016	<0.0005			
11/9/2016		<0.0005		
1/9/2017			<0.0005	<0.0005
1/12/2017		<0.0005		
1/13/2017	<0.0005			
3/13/2017			<0.0005	<0.0005
3/16/2017	<0.0005			
3/17/2017		<0.0005		
5/15/2017			<0.0005	<0.0005
5/17/2017	<0.0005	<0.0005		
3/12/2018			<0.0005	<0.0005
3/14/2018	<0.0005	<0.0005		
6/6/2018			<0.0005	<0.0005
6/8/2018		<0.0005		
6/9/2018	<0.0005			
10/17/2018			<0.0005	<0.0005
2/27/2019			<0.0005	<0.0005
2/28/2019		<0.0005		
3/5/2019	<0.0005			
5/31/2019			<0.0005	<0.0005
11/6/2019			<0.0005	<0.0005
4/16/2020			<0.0005	<0.0005
4/18/2020		<0.0005		
4/22/2020	<0.0005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	0.00039 (J)	<0.0025	0.00064 (J)	0.00023 (J)	
3/2/2016					0.0024 (J)
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)	
5/3/2016					0.0015 (J)
5/4/2016		<0.0025			
7/5/2016	0.00049 (J)		0.0027	0.0032	0.0015 (J)
7/8/2016		<0.0025			
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0025	
9/8/2016					<0.0025
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0025	
1/11/2017		<0.0025			
1/12/2017					0.00056 (J)
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0025	
3/14/2017		<0.0025			
3/17/2017					0.0012 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0025	
5/16/2017					0.0013 (J)
5/18/2017		<0.0025			
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0025	
3/13/2018					0.0011 (J)
3/14/2018		<0.0025			
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0025	
6/8/2018					0.0028
6/10/2018		<0.0025			
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0025	
10/18/2018		<0.0025			
11/13/2018					0.0019 (J)
2/27/2019	0.00065 (J)	<0.0025	0.00056 (J)	<0.0025	
2/28/2019					0.0024 (J)
5/31/2019	0.00046 (J)	<0.0025	<0.0025	<0.0025	
6/4/2019					0.0013 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	
11/12/2019					<0.0025
4/16/2020	0.00058	0.00035 (J)	0.00043 (J)	0.00021 (J)	
4/18/2020					0.00048 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			0.00064 (J)	0.00071 (J)
3/2/2016	0.0013 (J)	0.0074 (J)		
5/2/2016				0.001 (J)
5/3/2016		0.0051	0.00079 (J)	
5/4/2016	0.0026			
7/5/2016		0.0055	<0.0025	0.00055 (J)
7/6/2016	0.0033			
9/6/2016			0.00094 (J)	0.00057 (J)
9/8/2016	0.0038 (J)	0.0056 (J)		
11/7/2016			0.00041 (J)	0.00047 (J)
11/8/2016	0.0035 (J)			
11/9/2016		0.0057 (J)		
1/9/2017			0.00074 (J)	0.00054 (J)
1/12/2017		0.0044		
1/13/2017	0.006			
3/13/2017			0.00091 (J)	0.0004 (J)
3/16/2017	0.0021 (J)			
3/17/2017		0.0027		
5/15/2017			0.00075 (J)	0.00046 (J)
5/17/2017	0.0021 (J)	0.0035		
3/12/2018			0.00044 (J)	<0.0025
3/14/2018	0.0022 (J)	0.0027		
6/6/2018			0.0004 (J)	0.00048 (J)
6/8/2018		0.0029		
6/9/2018	0.0016 (J)			
10/17/2018		0.0027	<0.0025	0.00043 (J)
11/14/2018	0.0016 (J)			
2/27/2019			<0.0025	0.00045 (J)
2/28/2019		0.0022 (J)		
3/5/2019	0.0017 (J)			
5/31/2019			<0.0025	<0.0025
6/4/2019	0.0014 (J)	0.0018 (J)		
11/6/2019			0.00029 (J)	0.00094 (J)
11/12/2019	<0.0025	0.00067 (J)		
4/16/2020			0.00029 (J)	0.00053
4/18/2020		0.0016		
4/22/2020	0.00091			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	1.27	1.09	1.42	2.4	
3/2/2016					22.9
5/2/2016	0.808		1.03	1.62	
5/3/2016					23.6
5/4/2016		0.848			
7/5/2016	0.947		0.961	1.01	23.6
7/8/2016		1.46			
9/6/2016	1.07	1.34	1.07	1.8	
9/8/2016					20.8
11/7/2016	0.602		0.818	1.86	
11/9/2016					7.46
11/10/2016		1.23			
1/9/2017	0.865		0.934	2.25	
1/11/2017		1.11			
1/12/2017					11.2
3/13/2017	0.693		0.937	1.87	
3/14/2017		1.01			
3/17/2017					14.3
5/15/2017	0.786		0.685	1.4	
5/16/2017					16.9
5/18/2017		0.745			
3/12/2018	0.933		1.09	1.97	
3/13/2018					10.9
3/14/2018		0.614			
6/5/2018	0.713		0.927	2.17	
6/8/2018					10.6
6/10/2018		0.959			
10/16/2018	2.14		1.07	2.2	
10/18/2018		0.944			
11/13/2018					9.09
2/27/2019	0.651	0.827	0.912	1.8	
2/28/2019					9.7
5/31/2019	1.33	0.99	1.24	1.8	
6/4/2019					7.7
11/6/2019	1.32	0.892	0.509 (U)	2.32	
11/12/2019					6.4
4/16/2020	0.971	0.497	0.568	1.35	
4/18/2020					2.42

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			0.647	<5
3/2/2016	22.1	36.5		
5/2/2016				<5
5/3/2016		35.5	0.748	
5/4/2016	19.9			
7/5/2016		32.9	0.591	<5
7/6/2016	28.5			
9/6/2016			0.831	0.566
9/8/2016	20.1	23		
11/7/2016			0.983	0.784
11/8/2016	24.6			
11/9/2016		40.5		
1/9/2017			0.767	0.541
1/12/2017		35.4		
1/13/2017	22.8			
3/13/2017			1.26	0.442
3/16/2017	12.2			
3/17/2017		27.7		
5/15/2017			0.553	0.345
5/17/2017	7.05	26.4		
3/12/2018			0.783	0.848
3/14/2018	6.95	17.7		
6/6/2018			1.08	0.78
6/8/2018		15.3		
6/9/2018	6.52			
10/17/2018		12.6	1.19	0.88
11/14/2018	5.66			
2/27/2019			0.741	0.431
2/28/2019		8.04		
3/5/2019	8.11			
5/31/2019			0.759	0.884
6/4/2019	5.89	8.36		
11/6/2019			0.105 (U)	0.366 (U)
11/12/2019	8.32	7.14		
4/16/2020			0.588	0.264 (U)
4/18/2020		7.03		
4/22/2020	7.2			

Time Series

Constituent: Field pH (SU) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	5.11	5.26	5.11	4.9	
3/2/2016					5.16 (D)
5/2/2016	4.76		4.77	4.69	
5/3/2016					5.1
5/4/2016		5.1			
7/5/2016	5.12		5.48	7.11 (o)	4.86
7/8/2016		4.96			
9/6/2016	5.11	5.43	5.12	5.19	
9/8/2016					4.76
11/7/2016	4.76		4.73	4.64	
11/9/2016					4.99
11/10/2016		4.89			
1/9/2017	4.99		5	4.94	
1/11/2017		4.87			
1/12/2017					5.04
3/13/2017	4.57		4.74	4.63	
3/14/2017		4.71			
3/17/2017					5.02
5/15/2017	4.6		4.63	4.52	
5/16/2017					4.77
5/18/2017		4.5			
10/2/2017	4.64		4.63	4.54	
10/4/2017					4.89
10/5/2017		4.63			
12/20/2017					4.94 (R)
3/12/2018	4.85		4.81	4.81	
3/13/2018					5.19
3/14/2018		5.14			
6/5/2018	4.92		5.04	4.9	
6/8/2018					5.05
6/10/2018		5.12			
10/16/2018	4.93		4.98	4.81	
10/18/2018		4.97			
11/13/2018					5.11
2/27/2019	4.75	4.84	4.78	4.71	
2/28/2019					4.97
5/31/2019	4.9	4.92	4.92	4.84	
6/4/2019					5.27
11/6/2019	4.82	4.94	4.88	4.78	
11/12/2019					4.92
4/16/2020	5.03	5.17	5.15	4.96	
4/18/2020					5.2

Time Series

Constituent: Field pH (SU) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			5.08	6.37
3/2/2016	5.57	4.62		
5/2/2016				5.605 (D)
5/3/2016		4.26	5.14	
5/4/2016	5.62			
7/5/2016		4.15	5.38	6.29
7/6/2016	5.52			
9/6/2016			5.37	6.42
9/8/2016	5.26	4.6		
11/7/2016			4.92	5.75
11/8/2016	5.09			
11/9/2016		4.12		
1/9/2017			5.05	5.98
1/12/2017		4.24		
1/13/2017	5.14			
3/13/2017			4.87	5.81
3/16/2017	5.1			
3/17/2017		4.22		
5/15/2017			4.69	5.42
5/17/2017	4.9	4.35		
10/2/2017			4.88	5.63
10/3/2017		4.11		
10/4/2017	4.84			
12/20/2017	4.94 (R)	4.31		
3/12/2018			5.07	5.6
3/14/2018	4.82	4.35		
6/6/2018			5.09	5.58
6/8/2018		4.31		
6/9/2018	4.81			
10/17/2018		4.41	4.99	5.54
11/14/2018	4.85			
2/27/2019			4.87	5.4
2/28/2019		4.42		
3/5/2019	4.71			
5/31/2019			4.89	5.45
6/4/2019	4.85	4.69		
11/6/2019			5.04	5.52
11/12/2019	4.67	4.56		
4/16/2020			5.13	5.58
4/18/2020		5		
4/22/2020	4.69			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.1	<0.1	<0.1	<0.1	
3/2/2016					0.088 (J)
5/2/2016	<0.1		<0.1	<0.1	
5/3/2016					0.05 (J)
5/4/2016		<0.1			
7/5/2016	<0.1		<0.1	<0.1	0.07 (J)
7/8/2016		<0.1			
9/6/2016	<0.1	<0.1	<0.1	<0.1	
9/8/2016					0.07 (J)
11/7/2016	<0.1		<0.1	<0.1	
11/9/2016					0.06 (J)
11/10/2016		<0.1			
1/9/2017	<0.1		<0.1	<0.1	
1/11/2017		<0.1			
1/12/2017					<0.1
3/13/2017	<0.1		<0.1	<0.1	
3/14/2017		<0.1			
3/17/2017					0.05 (J)
5/15/2017	<0.1		<0.1	<0.1	
5/16/2017					0.06 (J)
5/18/2017		<0.1			
10/2/2017	<0.1		<0.1	<0.1	
10/4/2017					0.08 (J)
10/5/2017		<0.1			
3/12/2018	<0.1		<0.1	<0.1	
3/13/2018					0.05 (J)
3/14/2018		0.12			
6/5/2018	<0.1		<0.1	<0.1	
6/8/2018					0.13
6/10/2018		<0.1			
10/16/2018	<0.1		<0.1	<0.1	
10/18/2018		<0.1			
11/13/2018					0.1
2/27/2019	<0.1	<0.1	<0.1	<0.1	
2/28/2019					0.3
5/31/2019	<0.1	<0.1	<0.1	<0.1	
6/4/2019					<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	
11/12/2019					0.072 (J)
4/16/2020	<0.1	<0.1	<0.1	<0.1	
4/18/2020					<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.1	0.033 (J)
3/2/2016	0.54	0.074 (J)		
5/2/2016				<0.1
5/3/2016		0.05 (J)	<0.1	
5/4/2016	0.41			
7/5/2016		0.05 (J)	<0.1	<0.1
7/6/2016	0.49			
9/6/2016			<0.1	<0.1
9/8/2016	0.57	0.05 (J)		
11/7/2016			<0.1	<0.1
11/8/2016	0.47			
11/9/2016		0.04 (J)		
1/9/2017			<0.1	<0.1
1/12/2017		0.04 (J)		
1/13/2017	0.73			
3/13/2017			<0.1	<0.1
3/16/2017	0.92			
3/17/2017		0.04 (J)		
5/15/2017			<0.1	<0.1
5/17/2017	0.77	0.06 (J)		
10/2/2017			<0.1	<0.1
10/3/2017		0.11		
10/4/2017	0.96			
12/20/2017	0.88 (R)	0.08 (I)		
3/12/2018			<0.1	<0.1
3/14/2018	0.84	0.08 (J)		
6/6/2018			<0.1	<0.1
6/8/2018		0.1		
6/9/2018	0.78			
10/17/2018		0.12	<0.1	<0.1
11/14/2018	0.67			
2/27/2019			<0.1	<0.1
2/28/2019		0.1		
3/5/2019	0.64			
5/31/2019			<0.1	<0.1
6/4/2019	0.09 (J)	0.08 (J)		
11/6/2019			<0.1	<0.1
11/12/2019	0.57	0.045 (J)		
4/16/2020			<0.1	<0.1
4/18/2020		<0.1		
4/22/2020	0.39			

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025	
3/2/2016					<0.00025
5/2/2016	<0.00025		<0.00025	<0.00025	
5/3/2016					0.0015
5/4/2016		<0.00025			
7/5/2016	<0.00025		<0.00025	<0.00025	0.0017
7/8/2016		<0.00025			
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025	
9/8/2016					0.0021 (J)
11/7/2016	<0.00025		<0.00025	<0.00025	
11/9/2016					<0.00025
11/10/2016		<0.00025			
1/9/2017	<0.00025		<0.00025	<0.00025	
1/11/2017		<0.00025			
1/12/2017					0.00041 (J)
3/13/2017	<0.00025		<0.00025	<0.00025	
3/14/2017		<0.00025			
3/17/2017					0.0011 (J)
5/15/2017	<0.00025		<0.00025	<0.00025	
5/16/2017					0.0011 (J)
5/18/2017		<0.00025			
3/12/2018	<0.00025		<0.00025	<0.00025	
3/13/2018					0.00047 (J)
3/14/2018		<0.00025			
6/5/2018	<0.00025		<0.00025	<0.00025	
6/8/2018					0.0013
6/10/2018		<0.00025			
10/16/2018	<0.00025		<0.00025	<0.00025	
10/18/2018		<0.00025			
11/13/2018					0.0014
2/27/2019	<0.00025	<0.00025	0.001 (J)	<0.00025	
2/28/2019					0.0012 (J)
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	
6/4/2019					0.00079 (J)
11/6/2019	0.0001 (J)	<0.00025	6.6E-05 (J)	8.4E-05 (J)	
11/12/2019					0.00069 (J)
4/16/2020	6.6E-05 (J)	<0.00025	<0.00025	<0.00025	
4/18/2020					0.00042

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00025	<0.00025
3/2/2016	<0.00025	0.011		
5/2/2016				<0.00025
5/3/2016		0.0087	<0.00025	
5/4/2016	<0.00025			
7/5/2016		0.011	<0.00025	<0.00025
7/6/2016	<0.00025			
9/6/2016			<0.00025	<0.00025
9/8/2016	<0.00025	0.0092		
11/7/2016			<0.00025	<0.00025
11/8/2016	<0.00025			
11/9/2016		0.01		
1/9/2017			<0.00025	<0.00025
1/12/2017		0.0086		
1/13/2017	<0.00025			
3/13/2017			<0.00025	<0.00025
3/16/2017	<0.00025			
3/17/2017		0.0082		
5/15/2017			<0.00025	<0.00025
5/17/2017	<0.00025	0.0081		
3/12/2018			<0.00025	<0.00025
3/14/2018	<0.00025	0.004		
6/6/2018			<0.00025	<0.00025
6/8/2018		0.0034		
6/9/2018	<0.00025			
10/17/2018		0.0026	<0.00025	<0.00025
11/14/2018	<0.00025			
2/27/2019			<0.00025	<0.00025
2/28/2019		0.0019		
3/5/2019	0.00037 (J)			
5/31/2019			<0.00025	<0.00025
6/4/2019	0.00065 (J)	0.0011 (J)		
11/6/2019			<0.00025	0.0002 (J)
11/12/2019	0.00061 (J)	0.001 (J)		
4/16/2020			<0.00025	0.00016 (J)
4/18/2020		0.00057		
4/22/2020	0.0005			

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.001	<0.001	<0.001	<0.001	
3/2/2016					0.01 (J)
5/2/2016	<0.001		<0.001	<0.001	
5/3/2016					<0.001
5/4/2016		<0.001			
7/5/2016	<0.001		<0.001	<0.001	<0.001
7/8/2016		<0.001			
9/6/2016	<0.001	0.0037 (J)	<0.001	<0.001	
9/8/2016					<0.001
11/7/2016	<0.001		<0.001	<0.001	
11/9/2016					<0.001
11/10/2016		<0.001			
1/9/2017	<0.001		<0.001	<0.001	
1/11/2017		<0.001			
1/12/2017					<0.001
3/13/2017	<0.001		<0.001	<0.001	
3/14/2017		<0.001			
3/17/2017					<0.001
5/15/2017	<0.001		<0.001	<0.001	
5/16/2017					<0.001
5/18/2017		<0.001			
3/12/2018	0.0011 (J)		0.0014 (J)	<0.001	
3/13/2018					<0.001
3/14/2018		<0.001			
6/5/2018	<0.001		0.0012 (J)	<0.001	
6/8/2018					<0.001
6/10/2018		<0.001			
10/16/2018	<0.001		0.0015 (J)	0.0013 (J)	
10/18/2018		0.0013 (J)			
11/13/2018					0.0024 (J)
2/27/2019	<0.001	<0.001	<0.001	<0.001	
2/28/2019					0.0025 (J)
5/31/2019	0.0021 (J)	0.0013 (J)	0.0017 (J)	0.0017 (J)	
6/4/2019					0.0012 (J)
11/6/2019	0.0011	0.001	0.0011	<0.001	
11/12/2019					<0.001
4/16/2020	0.0006 (J)	<0.001	0.00063 (J)	<0.001	
4/18/2020					<0.001

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.001	0.0037
3/2/2016	<0.001	<0.001		
5/2/2016				<0.001
5/3/2016		<0.001	<0.001	
5/4/2016	0.0069			
7/5/2016		<0.001	<0.001	<0.001
7/6/2016	0.0086			
9/6/2016			<0.001	<0.001
9/8/2016	0.035	<0.001		
11/7/2016			<0.001	0.0097 (o)
11/8/2016	<0.001			
11/9/2016		<0.001		
1/9/2017			<0.001	<0.001
1/12/2017		<0.001		
1/13/2017	0.0078			
3/13/2017			<0.001	<0.001
3/16/2017	0.0062			
3/17/2017		<0.001		
5/15/2017			<0.001	<0.001
5/17/2017	0.0042 (J)	<0.001		
3/12/2018			<0.001	<0.001
3/14/2018	0.0053	<0.001		
6/6/2018			<0.001	0.0021 (J)
6/8/2018		0.0012 (J)		
6/9/2018	0.0044 (J)			
10/17/2018		0.0014 (J)	<0.001	0.0012 (J)
11/14/2018	0.005			
2/27/2019			<0.001	0.002 (J)
2/28/2019		<0.001		
3/5/2019	0.0043 (J)			
5/31/2019			0.0015 (J)	0.0026 (J)
6/4/2019	0.0044 (J)	<0.001		
11/6/2019			0.00063 (J)	0.0012
11/12/2019	0.0026 (J)	<0.001		
4/16/2020			<0.001	0.00091 (J)
4/18/2020		<0.001		
4/22/2020	0.0024			

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002	
3/2/2016					0.0027
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002	
5/3/2016					0.003
5/4/2016		<0.0002			
7/5/2016	<0.0002		<0.0002	<0.0002	0.0023
7/8/2016		<0.0002			
9/6/2016	<0.0002	<0.0002	<0.0002	<0.0002	
9/8/2016					0.0034
11/7/2016	<0.0002		<0.0002	<0.0002	
11/9/2016					0.0012
11/10/2016		<0.0002			
1/9/2017	<0.0002		<0.0002	<0.0002	
1/11/2017		<0.0002			
1/12/2017					0.0012
3/13/2017	<0.0002		<0.0002	<0.0002	
3/14/2017		<0.0002			
3/17/2017					0.0022
5/15/2017	<0.0002		<0.0002	<0.0002	
5/16/2017					0.0019
5/18/2017		<0.0002			
3/12/2018	<0.0002		<0.0002	<0.0002	
3/13/2018					0.0014
3/14/2018		9.3E-05 (J)			
6/5/2018	<0.0002		<0.0002	<0.0002	
6/8/2018					0.0018
6/10/2018		<0.0002			
10/16/2018	<0.0002		<0.0002	<0.0002	
10/18/2018		<0.0002			
11/13/2018					0.0021
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2019					0.0016
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	
6/4/2019					0.00061
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2019					0.00056
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002	
4/18/2020					0.00013 (J)

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0002	<0.0002
3/2/2016	0.0026	0.00024		
5/2/2016				<0.0002
5/3/2016		0.00036	<0.0002	
5/4/2016	0.0022			
7/5/2016		0.0007	<0.0002	<0.0002
7/6/2016	0.0026			
9/6/2016			<0.0002	<0.0002
9/8/2016	0.0027	0.00081		
11/7/2016			<0.0002	<0.0002
11/8/2016	0.0016			
11/9/2016		0.00099		
1/9/2017			<0.0002	<0.0002
1/12/2017		0.00064		
1/13/2017	0.0026			
3/13/2017			<0.0002	<0.0002
3/16/2017	0.0015			
3/17/2017		0.00033		
5/15/2017			<0.0002	<0.0002
5/17/2017	0.00016 (J)	0.00034		
3/12/2018			<0.0002	<0.0002
3/14/2018	0.00051	0.0002		
6/6/2018			<0.0002	<0.0002
6/8/2018		0.00016 (J)		
6/9/2018	0.00032			
10/17/2018		0.00014 (J)	<0.0002	<0.0002
11/14/2018	8.2E-05 (J)			
2/27/2019			<0.0002	<0.0002
2/28/2019		0.00012 (J)		
3/5/2019	0.0026			
5/31/2019			<0.0002	<0.0002
6/4/2019	0.0012	<0.0002		
11/6/2019			<0.0002	<0.0002
11/12/2019	0.00048	<0.0002		
4/16/2020			<0.0002	<0.0002
4/18/2020		<0.0002		
4/22/2020	0.0004			

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.003	<0.003	<0.003	<0.003	
3/2/2016					<0.003
5/2/2016	<0.003		<0.003	<0.003	
5/3/2016					<0.003
5/4/2016		<0.003			
7/5/2016	<0.003		<0.003	<0.003	<0.003
7/8/2016		<0.003			
9/6/2016	<0.003	<0.003	<0.003	<0.003	
9/8/2016					<0.003
11/7/2016	<0.003		<0.003	<0.003	
11/9/2016					<0.003
11/10/2016		<0.003			
1/9/2017	<0.003		<0.003	<0.003	
1/11/2017		<0.003			
1/12/2017					<0.003
3/13/2017	0.0042 (J)		<0.003	0.0022 (J)	
3/14/2017		<0.003			
3/17/2017					0.0078 (J)
5/15/2017	<0.003		<0.003	<0.003	
5/16/2017					<0.003
5/18/2017		<0.003			
3/12/2018	<0.003		<0.003	<0.003	
3/13/2018					<0.003
3/14/2018		<0.003			
6/5/2018	<0.003		0.00088 (J)	<0.003	
6/8/2018					<0.003
6/10/2018		<0.003			
10/16/2018	<0.003		<0.003	<0.003	
10/18/2018		<0.003			
11/13/2018					<0.003
2/27/2019	<0.003	<0.003	<0.003	<0.003	
2/28/2019					<0.003
5/31/2019	<0.003	<0.003	<0.003	<0.003	
11/6/2019	<0.003	<0.003	<0.003	<0.003	
4/16/2020	<0.003	<0.003	<0.003	<0.003	
4/18/2020					<0.003

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.003	<0.003
3/2/2016	<0.003	<0.003		
5/2/2016				<0.003
5/3/2016		<0.003	<0.003	
5/4/2016	<0.003			
7/5/2016		<0.003	<0.003	<0.003
7/6/2016	<0.003			
9/6/2016			<0.003	<0.003
9/8/2016	<0.003	<0.003		
11/7/2016			<0.003	<0.003
11/8/2016	<0.003			
11/9/2016		<0.003		
1/9/2017			<0.003	<0.003
1/12/2017		<0.003		
1/13/2017	<0.003			
3/13/2017			<0.003	<0.003
3/16/2017	0.0015 (J)			
3/17/2017		<0.003		
5/15/2017			<0.003	<0.003
5/17/2017	<0.003	<0.003		
3/12/2018			<0.003	<0.003
3/14/2018	<0.003	0.00092 (J)		
6/6/2018			<0.003	<0.003
6/8/2018		<0.003		
6/9/2018	<0.003			
10/17/2018		<0.003	<0.003	<0.003
11/14/2018	<0.003			
2/27/2019			<0.003	<0.003
2/28/2019		<0.003		
3/5/2019	<0.003			
5/31/2019			<0.003	<0.003
11/6/2019			<0.003	<0.003
4/16/2020			<0.003	<0.003
4/18/2020		<0.003		
4/22/2020	<0.003			

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025	
3/2/2016					0.018
5/2/2016	<0.00025		<0.00025	0.00025 (J)	
5/3/2016					0.016
5/4/2016		<0.00025			
7/5/2016	<0.00025		<0.00025	<0.00025	0.018
7/8/2016		<0.00025			
9/6/2016	0.00049 (J)	<0.00025	<0.00025	0.00027 (J)	
9/8/2016					0.016
11/7/2016	<0.00025		<0.00025	<0.00025	
11/9/2016					0.013
11/10/2016		<0.00025			
1/9/2017	<0.00025		<0.00025	<0.00025	
1/11/2017		0.00049 (J)			
1/12/2017					0.004
3/13/2017	0.0023		<0.00025	0.0025	
3/14/2017		<0.00025			
3/17/2017					0.015
5/15/2017	<0.00025		<0.00025	<0.00025	
5/16/2017					0.01
5/18/2017		<0.00025			
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)	
3/13/2018					0.0064
3/14/2018		0.00067 (J)			
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)	
6/8/2018					0.0076
6/10/2018		0.00028 (J)			
10/16/2018	<0.00025		<0.00025	<0.00025	
10/18/2018		<0.00025			
11/13/2018					0.0062
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025	
2/28/2019					0.0044
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	
6/4/2019					0.0044
11/6/2019	<0.00025	<0.00025	<0.00025	0.00034	
11/12/2019					0.0042
4/16/2020	<0.00025	<0.00025	<0.00025	0.0004	
4/18/2020					0.0028

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00025	<0.00025
3/2/2016	0.013	0.026		
5/2/2016				<0.00025
5/3/2016		0.019	<0.00025	
5/4/2016	0.014			
7/5/2016		0.018	<0.00025	<0.00025
7/6/2016	0.015			
9/6/2016			<0.00025	<0.00025
9/8/2016	0.018	0.018		
11/7/2016			<0.00025	<0.00025
11/8/2016	0.015			
11/9/2016		0.02		
1/9/2017			<0.00025	<0.00025
1/12/2017		0.017		
1/13/2017	0.014			
3/13/2017			<0.00025	<0.00025
3/16/2017	0.012			
3/17/2017		0.016		
5/15/2017			<0.00025	<0.00025
5/17/2017	0.0094	0.013		
3/12/2018			0.00026 (J)	<0.00025
3/14/2018	0.0049	0.019		
6/6/2018			0.00025 (J)	0.00026 (J)
6/8/2018		0.018		
6/9/2018	0.0047			
10/17/2018		0.013	<0.00025	<0.00025
11/14/2018	0.0031			
2/27/2019			<0.00025	<0.00025
2/28/2019		0.011		
3/5/2019	0.0012 (J)			
5/31/2019			<0.00025	<0.00025
6/4/2019	0.002	0.015		
11/6/2019			<0.00025	<0.00025
11/12/2019	0.0026	0.012		
4/16/2020			<0.00025	<0.00025
4/18/2020		0.0085		
4/22/2020	0.0037			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<5	<5	<5	1.6 (J)	
3/2/2016					400
5/2/2016	15 (o)		<5	2.1 (J)	
5/3/2016					2.2 (J)
5/4/2016		<5			
7/5/2016	<5		<5	2 (J)	450 (J)
7/8/2016		<5			
9/6/2016	<5	<5	<5	1.8 (J)	
9/8/2016					450
11/7/2016	<5		<5	1.7 (J)	
11/9/2016					430
11/10/2016		<5			
1/9/2017	<5		2.6 (J)	1.5 (J)	
1/11/2017		<5			
1/12/2017					130
3/13/2017	2.5 (J)		<5	2.2 (J)	
3/14/2017		<5			
3/17/2017					290
5/15/2017	<5		<5	1.9 (J)	
5/16/2017					280
5/18/2017		<5 (X)			
10/2/2017	<5		<5	3.4 (J)	
10/4/2017					250
10/5/2017		<5			
12/20/2017					230 (R)
3/12/2018	<5		<5	2.6 (J)	
3/13/2018					160
3/14/2018		<5			
6/5/2018	<5		<5	2.6 (J)	
6/8/2018					160
6/10/2018		1.5 (J)			
10/16/2018	<5		<5	2.8 (J)	
10/18/2018		<5			
11/13/2018					130
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	
2/28/2019					130
5/31/2019	<5	<5	<5	3.3 (J)	
6/4/2019					100
11/6/2019	<5	<5	<5	3.7 (J)	
11/12/2019					100
4/16/2020	<5	<5	<5	1.7 (J)	
4/18/2020					64

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<5	<5
3/2/2016	450	460		
5/2/2016				<5
5/3/2016		740	<5	
5/4/2016	500			
7/5/2016		750	<5	<5
7/6/2016	370			
9/6/2016			<5	3.7 (J)
9/8/2016	450	710		
11/7/2016			<5	<5
11/8/2016	450			
11/9/2016		810		
1/9/2017			<5	<5
1/12/2017		600		
1/13/2017	390			
3/13/2017			<5	<5
3/16/2017	290			
3/17/2017		640		
5/15/2017			<5	<5
5/17/2017	270	590		
10/2/2017			1.5 (J)	1.7 (J)
10/3/2017		480		
10/4/2017	240			
12/20/2017	210 (R)	470		
3/12/2018			<5	<5
3/14/2018	190	470		
6/6/2018			<5	<5
6/8/2018		440		
6/9/2018	170			
10/17/2018		270	<5	<5
11/14/2018	110			
2/27/2019			<5	<5
2/28/2019		240		
3/5/2019	86			
5/31/2019			<5	<5
6/4/2019	100	280		
11/6/2019			<5	<5
11/12/2019	93	260		
4/16/2020			<5	<5
4/18/2020		250		
4/22/2020	130			

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0001	<0.0001	<0.0001	<0.0001	
3/2/2016					0.00058 (J)
5/2/2016	<0.0001		<0.0001	<0.0001	
5/3/2016					0.00041 (J)
5/4/2016		<0.0001			
7/5/2016	<0.0001		<0.0001	<0.0001	0.0004 (J)
7/8/2016		<0.0001			
9/6/2016	<0.0001	<0.0001	<0.0001	<0.0001	
9/8/2016					0.00045 (J)
11/7/2016	<0.0001		<0.0001	<0.0001	
11/9/2016					<0.0001
11/10/2016		<0.0001			
1/9/2017	<0.0001		<0.0001	<0.0001	
1/11/2017		<0.0001			
1/12/2017					0.00012 (J)
3/13/2017	<0.0001		<0.0001	<0.0001	
3/14/2017		<0.0001			
3/17/2017					0.00027 (J)
5/15/2017	<0.0001		<0.0001	<0.0001	
5/16/2017					0.00025 (J)
5/18/2017		<0.0001			
3/12/2018	<0.0001		<0.0001	<0.0001	
3/13/2018					0.00018 (J)
3/14/2018		<0.0001			
6/5/2018	<0.0001		<0.0001	<0.0001	
6/8/2018					0.00018 (J)
6/10/2018		<0.0001			
10/16/2018	<0.0001		<0.0001	<0.0001	
10/18/2018		<0.0001			
11/13/2018					<0.0001
2/27/2019	<0.0001	<0.0001	<0.0001	<0.0001	
2/28/2019					0.0001 (J)
5/31/2019	<0.0001	<0.0001	<0.0001	<0.0001	
6/4/2019					<0.0001
11/6/2019	<0.0001	<0.0001	<0.0001	<0.0001	
11/12/2019					<0.0001
4/16/2020	<0.0001	<0.0001	<0.0001	<0.0001	
4/18/2020					5.8E-05 (J)

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0001	<0.0001
3/2/2016	0.0003 (J)	0.00095 (J)		
5/2/2016				<0.0001
5/3/2016		0.00089	<0.0001	
5/4/2016	0.0005			
7/5/2016		0.001	<0.0001	<0.0001
7/6/2016	0.00047 (J)			
9/6/2016			<0.0001	<0.0001
9/8/2016	0.00053 (J)	0.00088 (J)		
11/7/2016			<0.0001	<0.0001
11/8/2016	0.00055 (J)			
11/9/2016		0.00083 (J)		
1/9/2017			<0.0001	<0.0001
1/12/2017		0.00076		
1/13/2017	0.00057			
3/13/2017			<0.0001	<0.0001
3/16/2017	0.0004 (J)			
3/17/2017		0.00088		
5/15/2017			<0.0001	<0.0001
5/17/2017	0.00029 (J)	0.00071		
3/12/2018			<0.0001	<0.0001
3/14/2018	0.00027 (J)	0.00055		
6/6/2018			<0.0001	<0.0001
6/8/2018		0.00048 (J)		
6/9/2018	0.00023 (J)			
10/17/2018		0.0003 (J)	<0.0001	<0.0001
11/14/2018	0.00015 (J)			
2/27/2019			<0.0001	<0.0001
2/28/2019		0.00024 (J)		
3/5/2019	0.00016 (J)			
5/31/2019			<0.0001	<0.0001
6/4/2019	0.00011 (J)	0.00017 (J)		
11/6/2019			<0.0001	<0.0001
11/12/2019	0.00012 (J)	0.00019 (J)		
4/16/2020			<0.0001	<0.0001
4/18/2020		0.00023		
4/22/2020	0.00015			

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	20	20	<5	12	
3/2/2016					7200
5/2/2016	<5		<5	6	
5/3/2016					6400
5/4/2016		6			
7/5/2016	12		14	<5	7000
7/8/2016		6			
9/6/2016	36	36	30	38	
9/8/2016					6000
11/7/2016	18		8	<5	
11/9/2016					3500
11/10/2016		16			
1/9/2017	4 (J)		<5	14	
1/11/2017		38			
1/12/2017					1500
3/13/2017	6		<5	8	
3/14/2017		<5			
3/17/2017					2900
5/15/2017	<5		<5	<5	
5/16/2017					3100
5/18/2017		10			
10/2/2017	<5		<5	6	
10/4/2017					3400
10/5/2017		<5			
12/20/2017					1900 (R)
3/12/2018	18		14	<5	
3/13/2018					1600
3/14/2018		8			
6/5/2018	10		<5	14	
6/8/2018					2000
6/10/2018		8			
10/16/2018	32		12	6	
10/18/2018		28			
11/13/2018					1400
2/27/2019	110	68	54	110	
2/28/2019					1400
5/31/2019	46	<5	8	26	
6/4/2019					1200
11/6/2019	<5	10	4 (J)	<5	
11/12/2019					1000
4/16/2020	28	44	18	8	
4/18/2020					240

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/23/2020 12:40 PM View: 200 Series

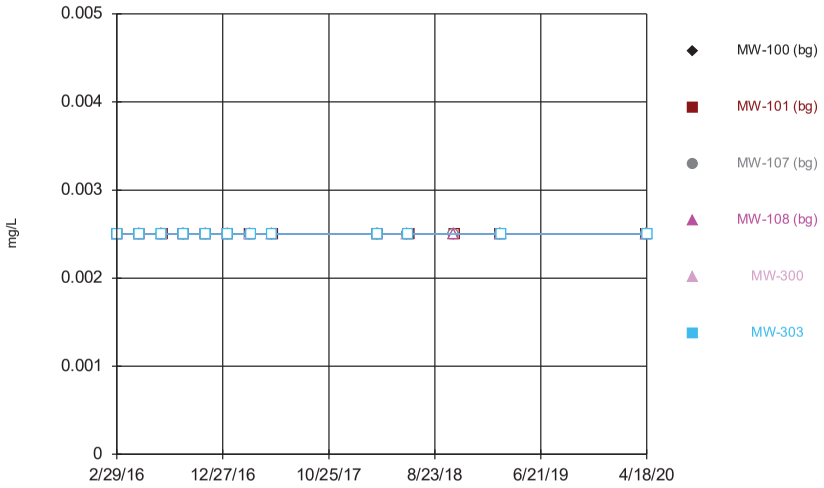
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			10	<5
3/2/2016	7200	32000 (o)		
5/2/2016				36
5/3/2016		13000	<5	
5/4/2016	4500			
7/5/2016		8700	<5	<5
7/6/2016	4900			
9/6/2016			36	44
9/8/2016	4400	11000 (Q)		
11/7/2016			<5	30
11/8/2016	6200			
11/9/2016		13000		
1/9/2017			<5	12
1/12/2017		12000		
1/13/2017	4400			
3/13/2017			22	20
3/16/2017	2800			
3/17/2017		10000		
5/15/2017			6	4 (J)
5/17/2017	1100	8300		
10/2/2017			16	24
10/3/2017		7100		
10/4/2017	700			
12/20/2017	590 (R)	7000		
3/12/2018			<5	<5
3/14/2018	490	6300		
6/6/2018			20	16
6/8/2018		5200		
6/9/2018	430			
10/17/2018		3800	44	44
11/14/2018	230			
2/27/2019			20	28
2/28/2019		1700		
3/5/2019	300			
5/31/2019			32	18
6/4/2019	400	2300		
11/6/2019			24	20
11/12/2019	670	1900		
4/16/2020			6	8
4/18/2020		1700		
4/22/2020	600			

300 Series

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

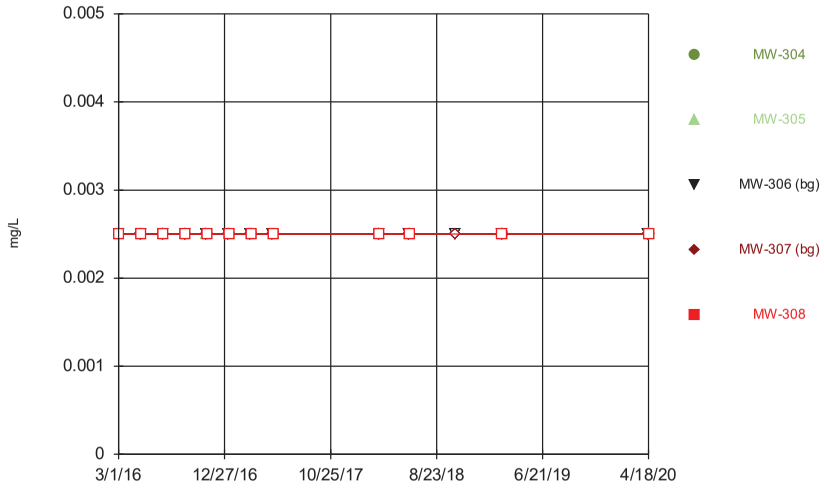
Time Series



Constituent: Antimony Analysis Run 6/25/2020 9:21 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

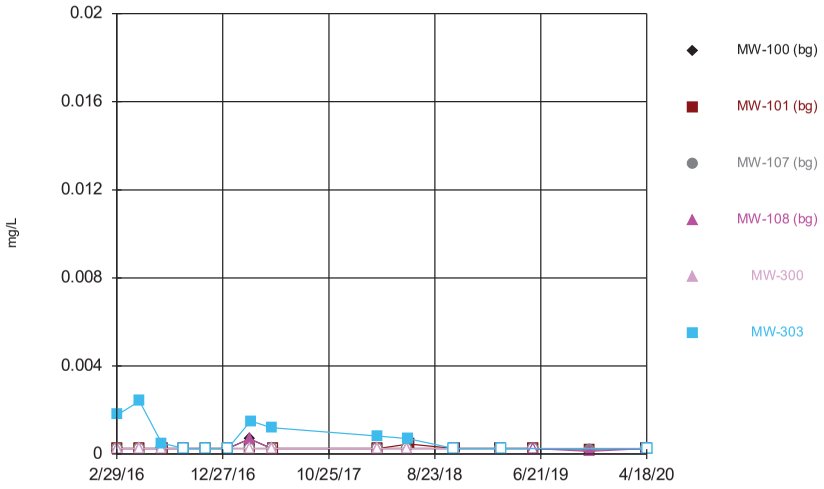
Time Series



Constituent: Antimony Analysis Run 6/25/2020 9:21 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

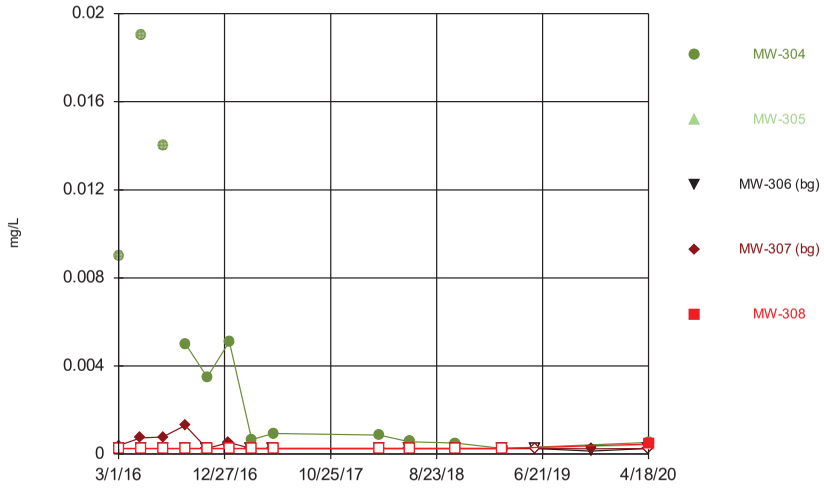
Time Series



Constituent: Arsenic Analysis Run 6/25/2020 9:21 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

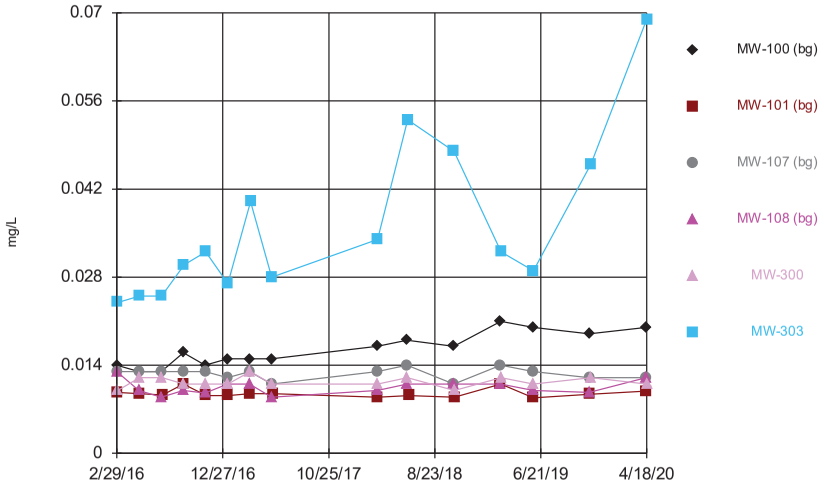
Time Series



Constituent: Arsenic Analysis Run 6/25/2020 9:21 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Time Series

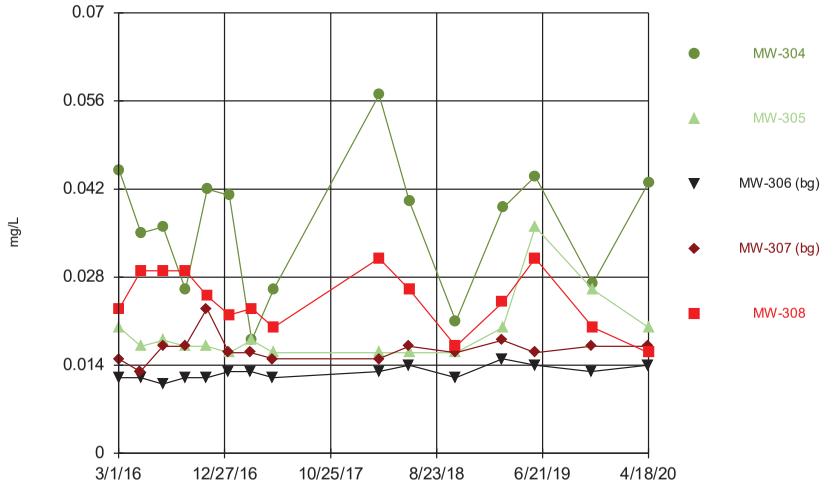


Constituent: Barium Analysis Run 6/25/2020 9:21 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Time Series



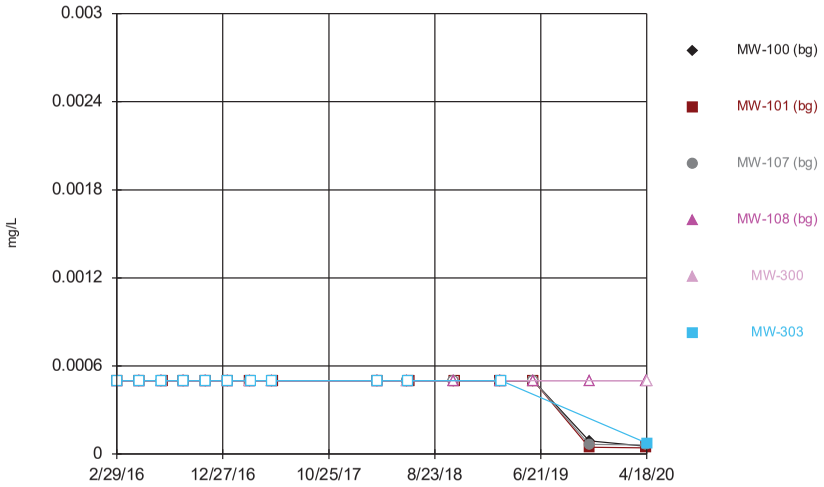
Constituent: Barium Analysis Run 6/25/2020 9:21 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series



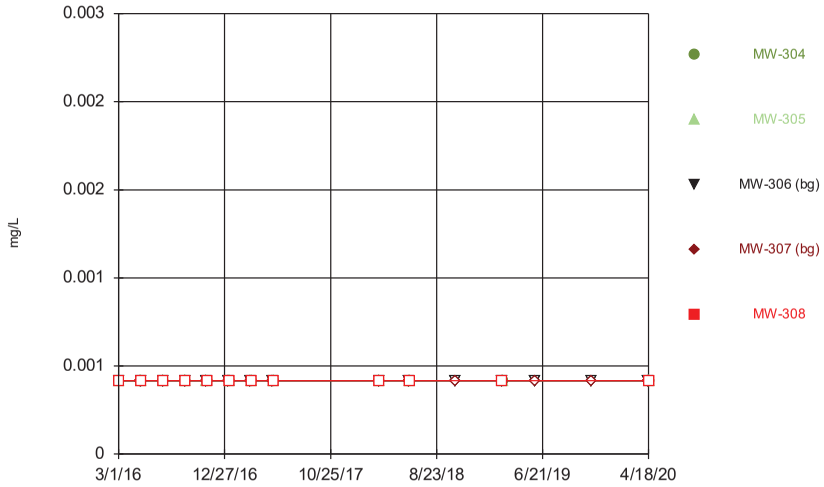
Constituent: Beryllium Analysis Run 6/25/2020 9:21 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

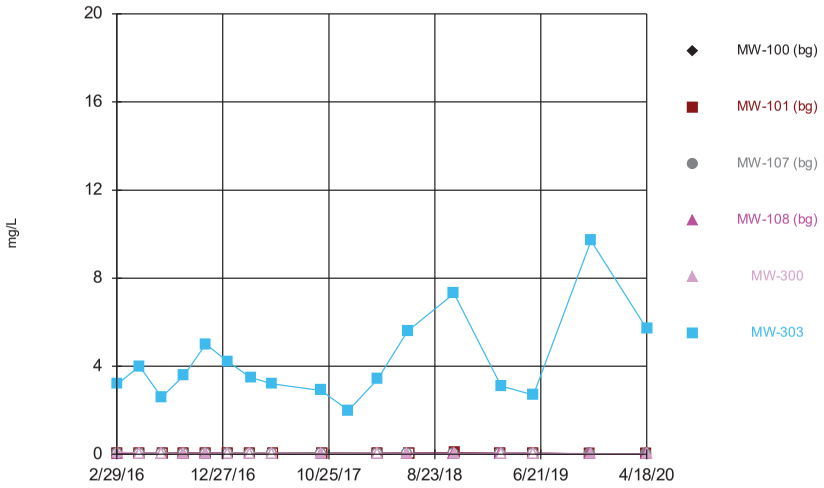


Constituent: Beryllium Analysis Run 6/25/2020 9:21 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

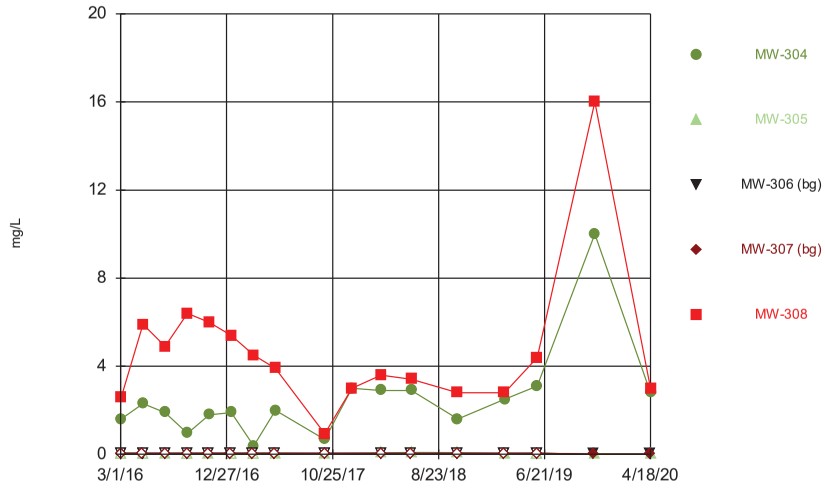
Time Series



Constituent: Boron Analysis Run 6/25/2020 9:21 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

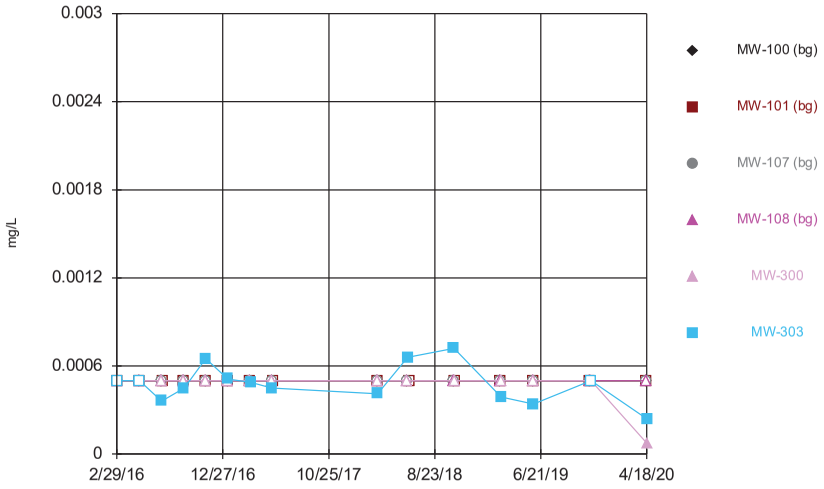
Time Series



Constituent: Boron Analysis Run 6/25/2020 9:21 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

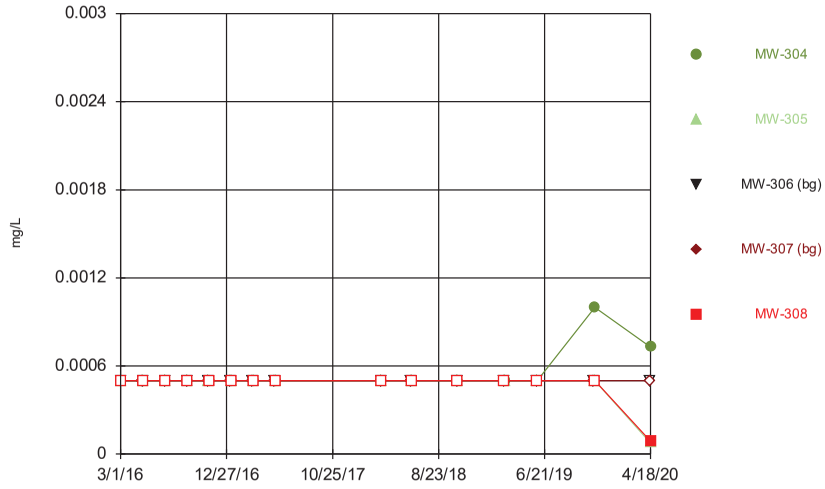
Time Series



Constituent: Cadmium Analysis Run 6/25/2020 9:21 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

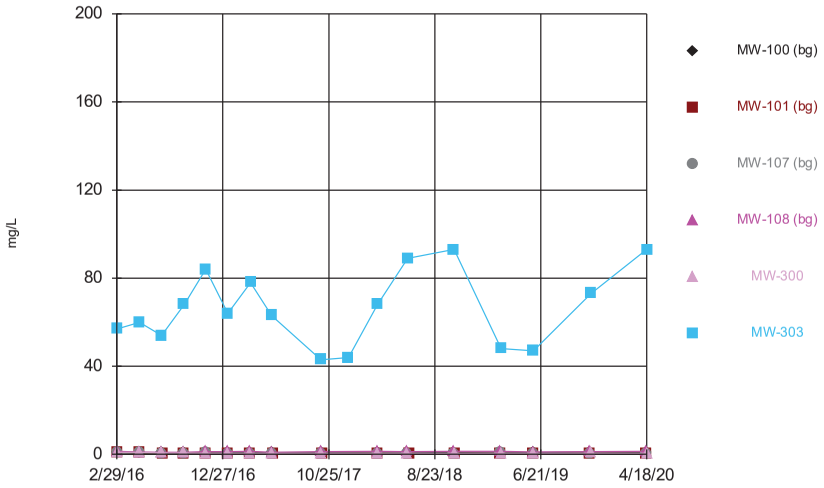
Time Series



Constituent: Cadmium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

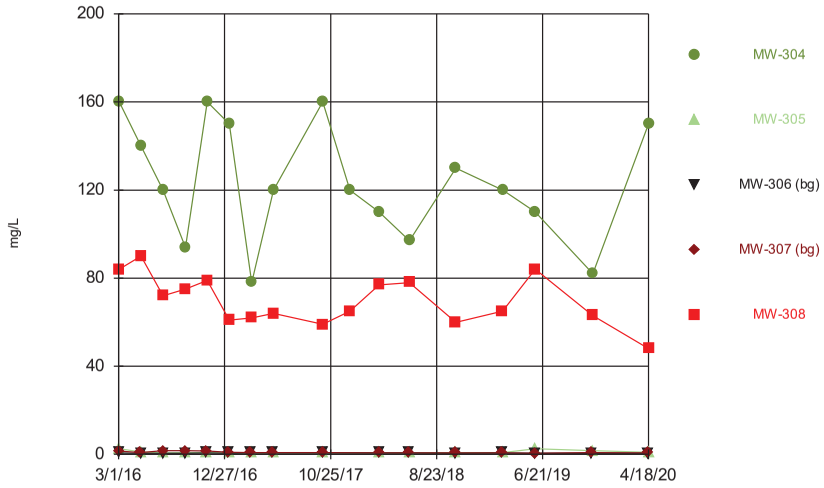
Time Series



Constituent: Calcium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

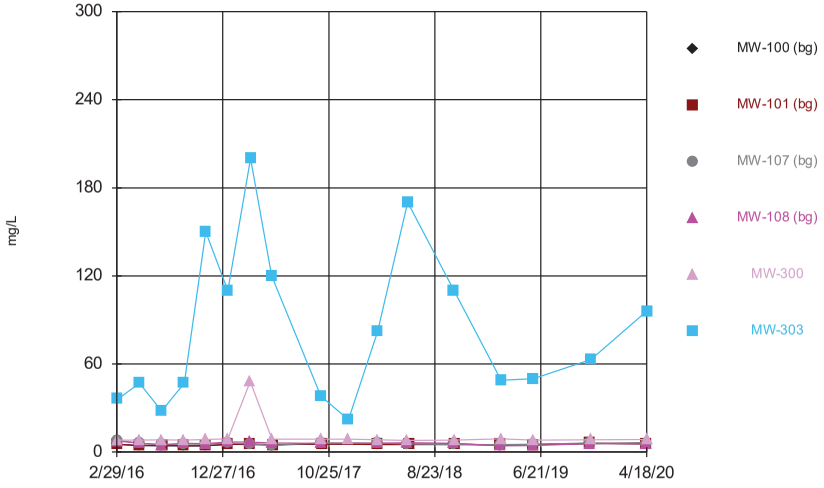
Time Series



Constituent: Calcium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

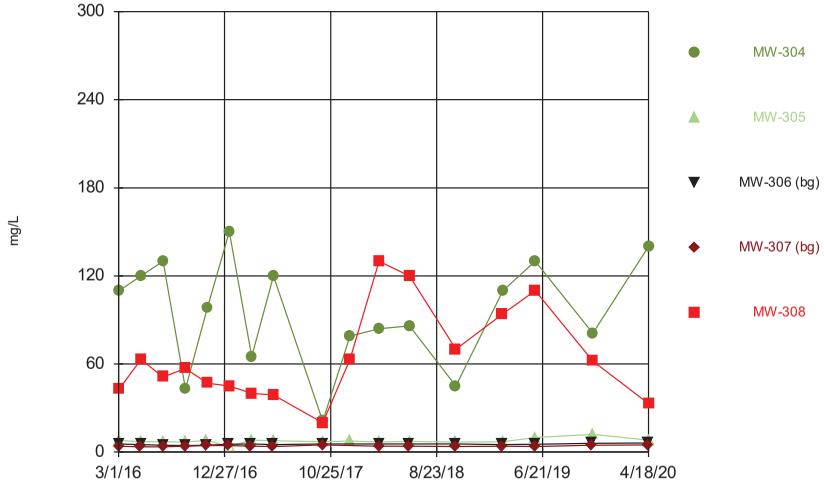
Time Series



Constituent: Chloride Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

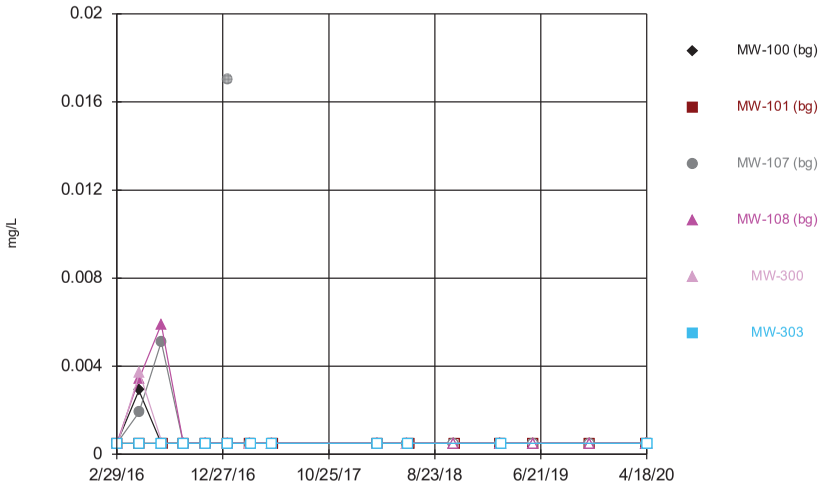
Time Series



Constituent: Chloride Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

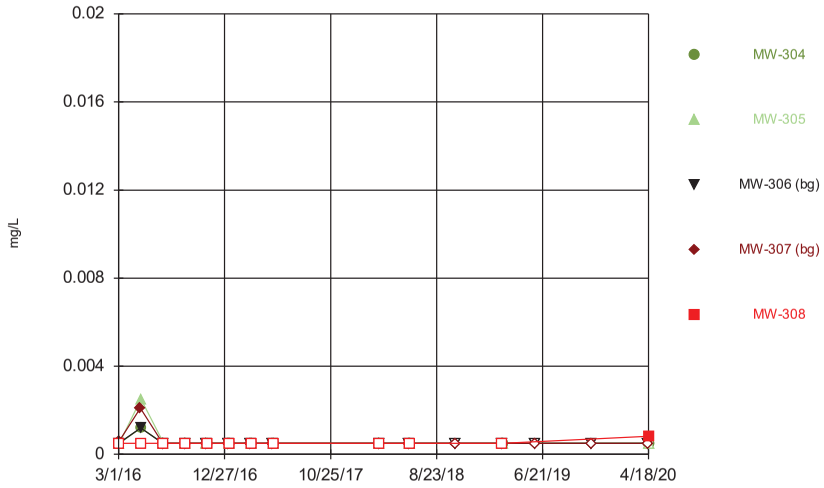
Time Series



Constituent: Chromium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

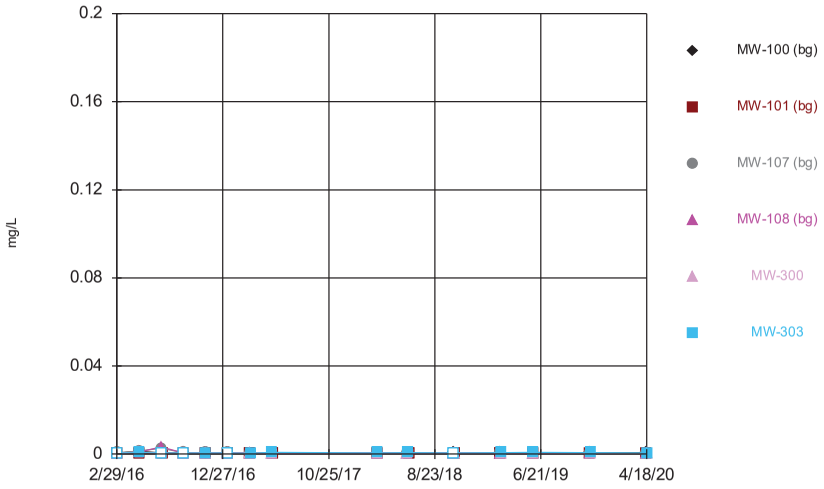
Time Series



Constituent: Chromium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

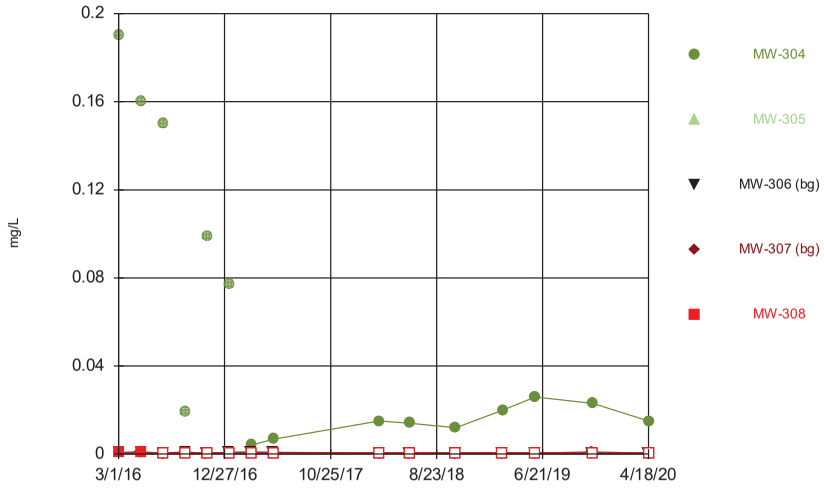
Time Series



Constituent: Cobalt Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

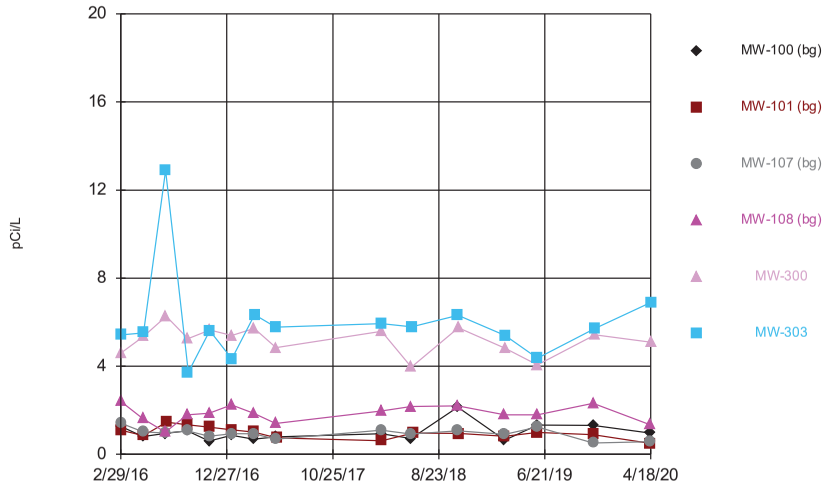
Time Series



Constituent: Cobalt Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

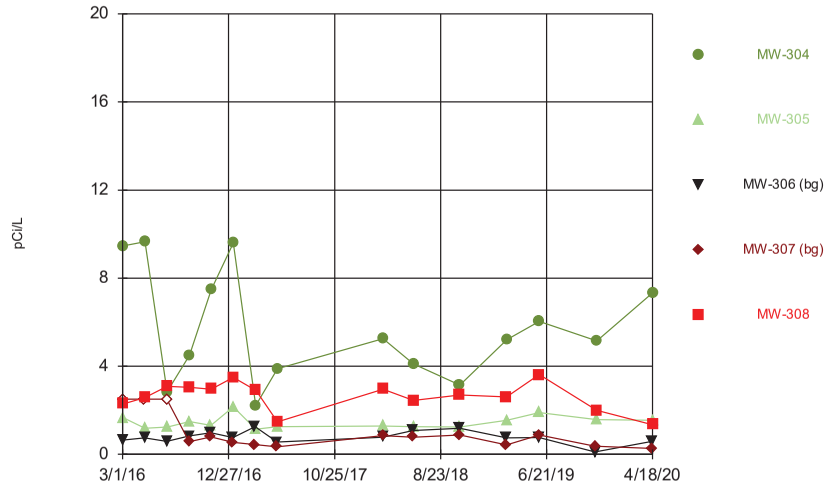
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

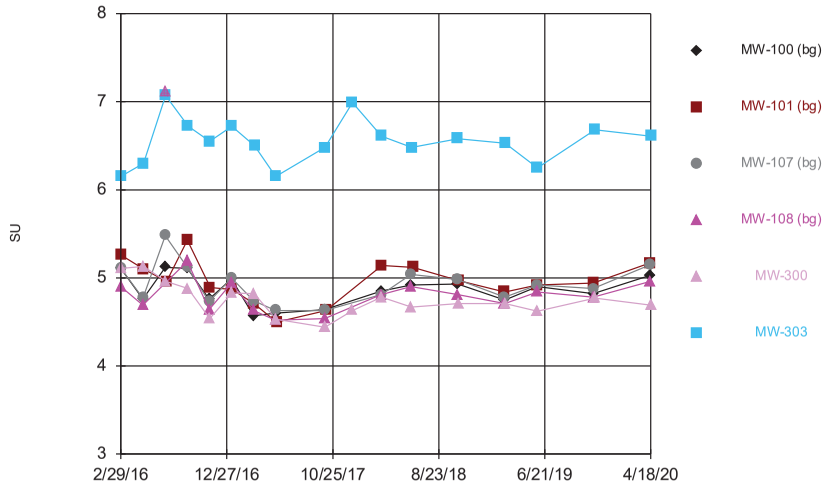
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

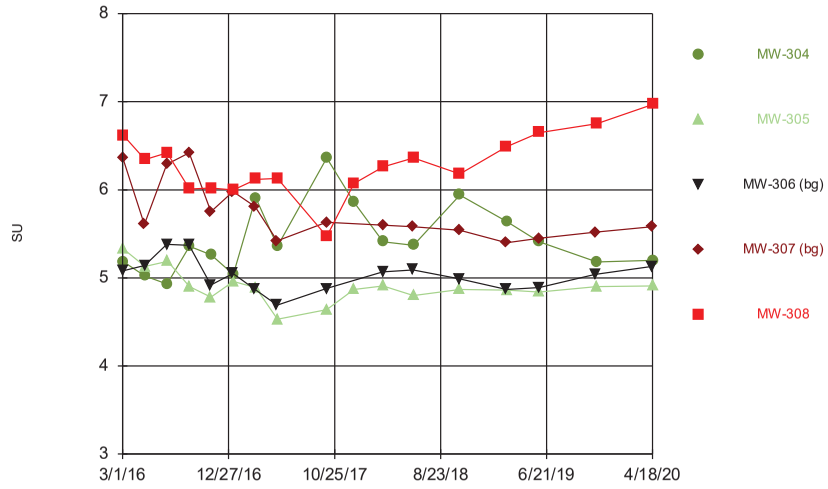
Time Series



Constituent: Field pH Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

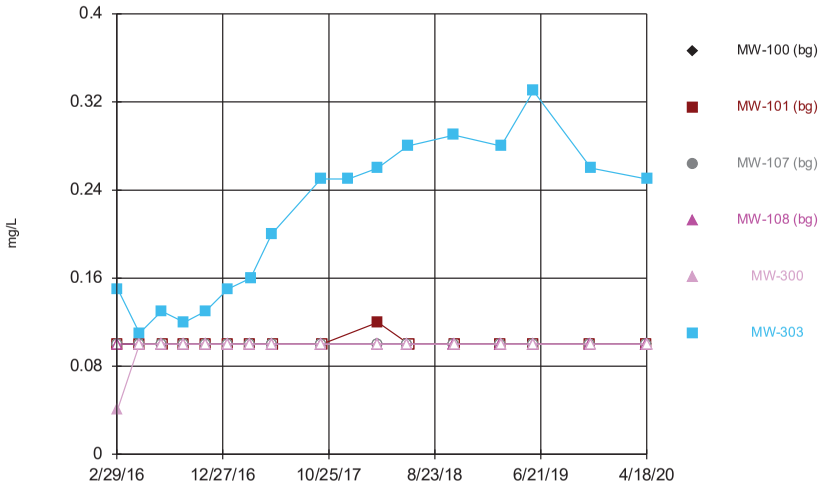
Time Series



Constituent: Field pH Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

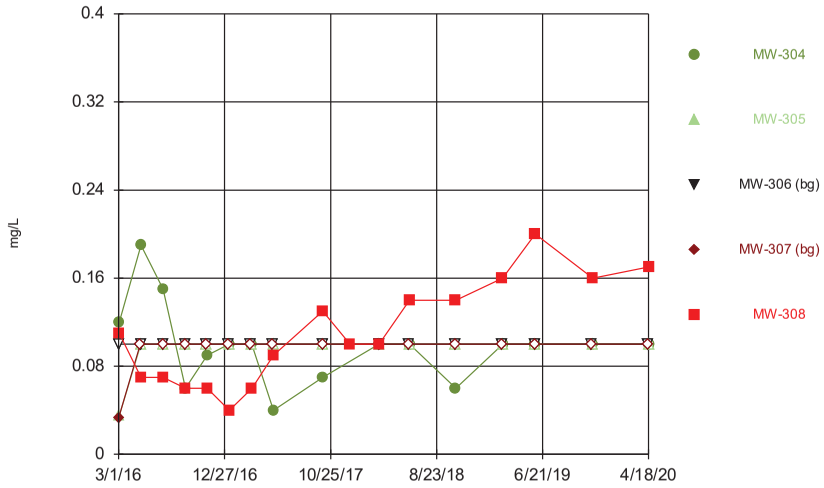
Time Series



Constituent: Fluoride Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

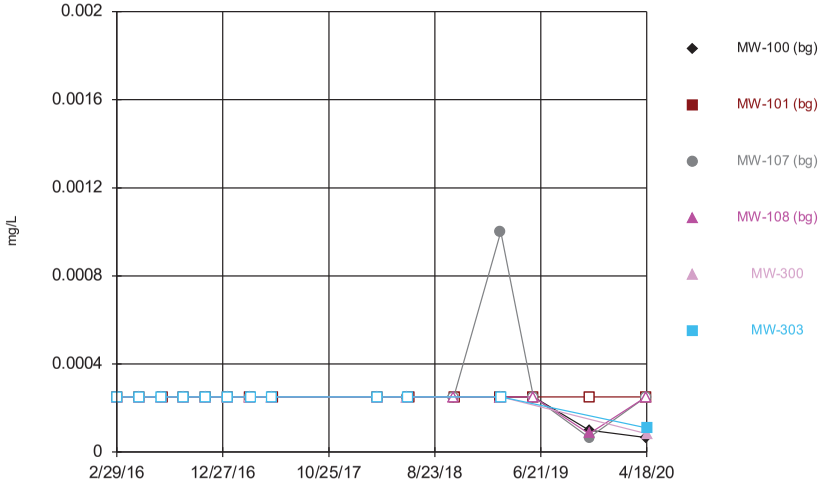
Time Series



Constituent: Fluoride Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

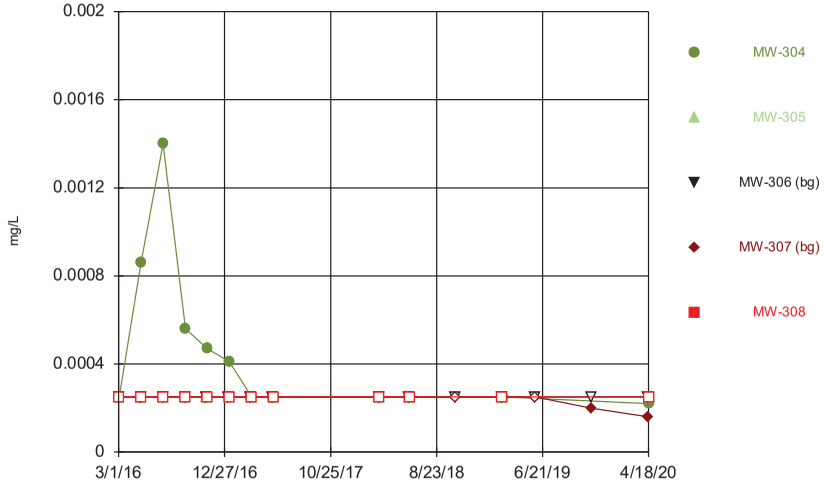
Time Series



Constituent: Lead Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

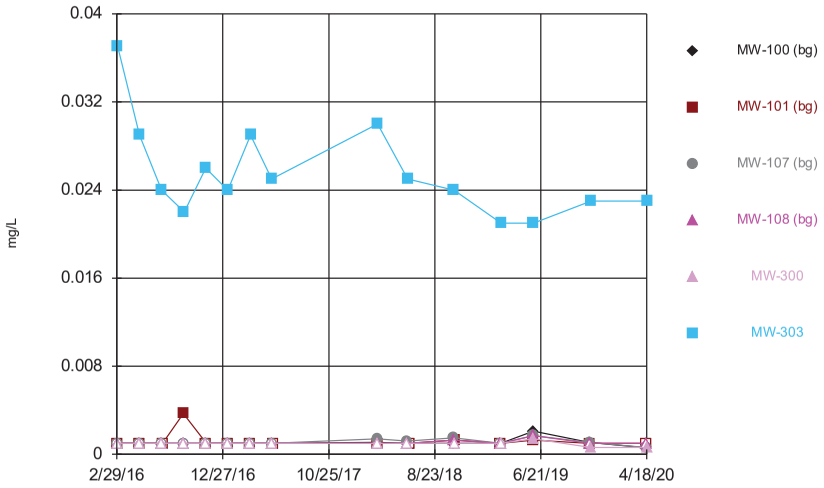
Time Series



Constituent: Lead Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

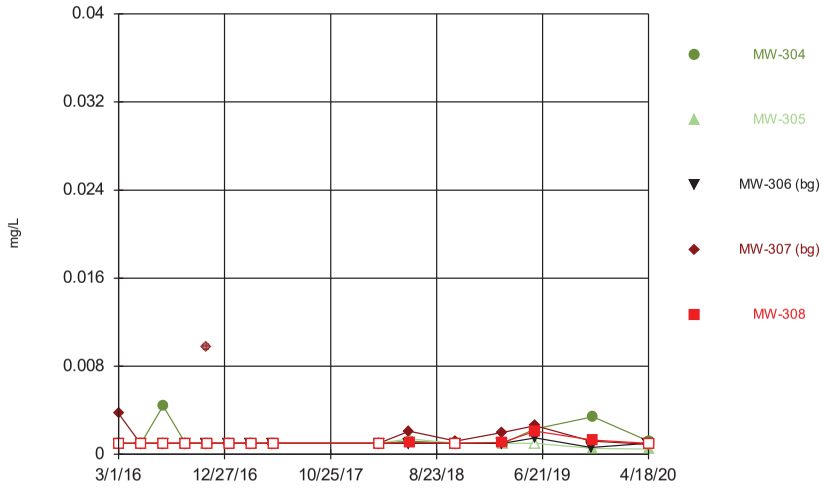
Time Series



Constituent: Lithium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

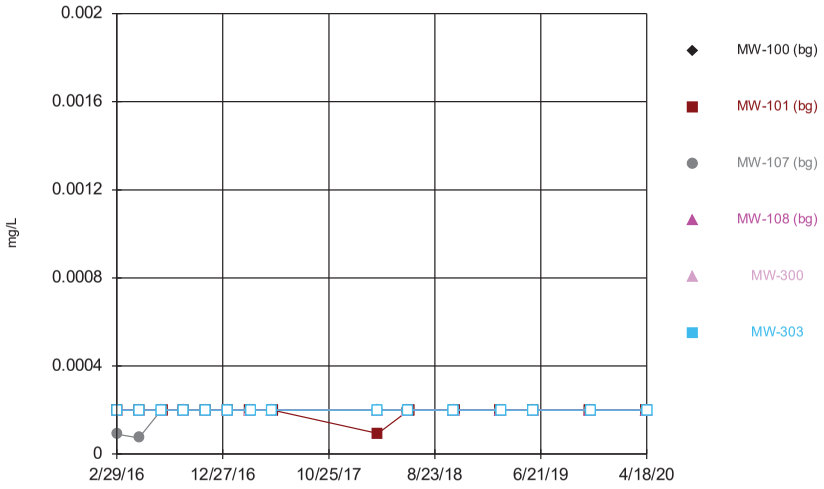
Time Series



Constituent: Lithium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

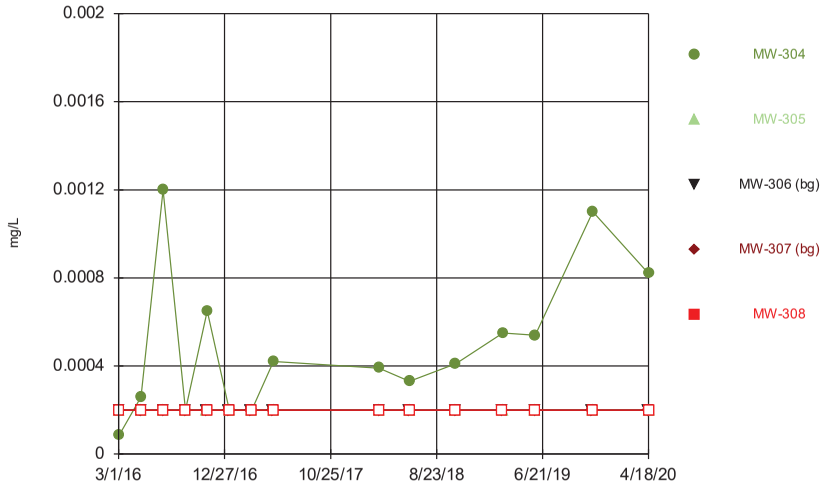
Time Series



Constituent: Mercury Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

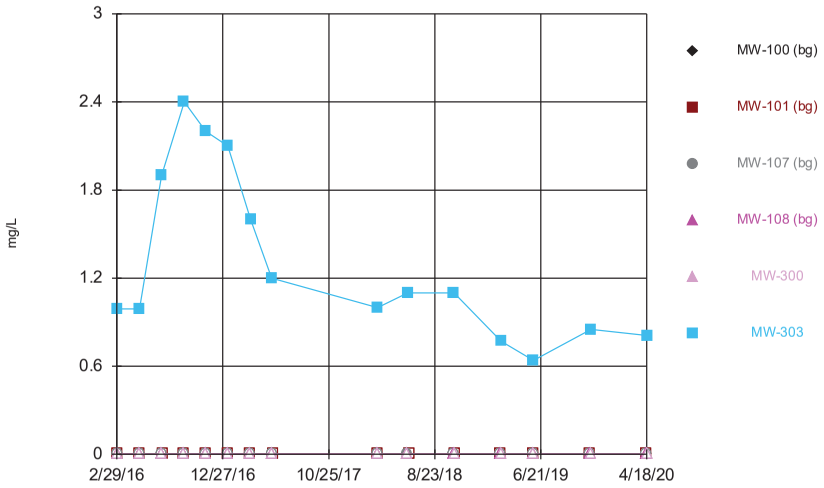
Time Series



Constituent: Mercury Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

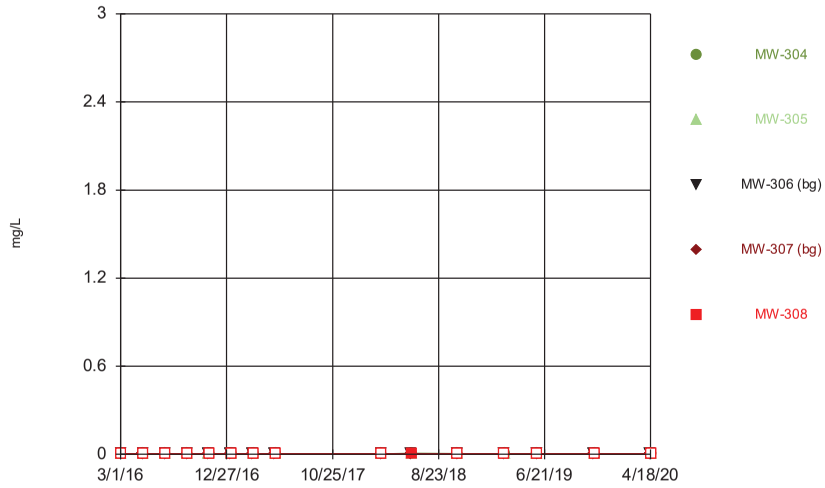
Time Series



Constituent: Molybdenum Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

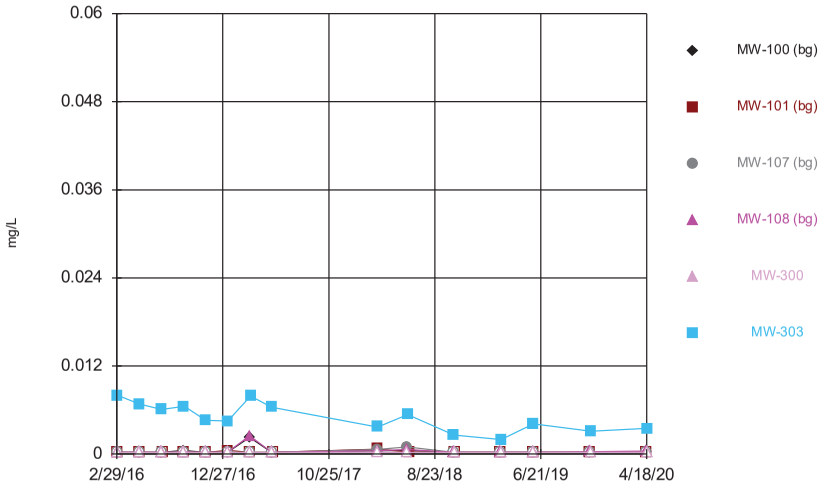
Time Series



Constituent: Molybdenum Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

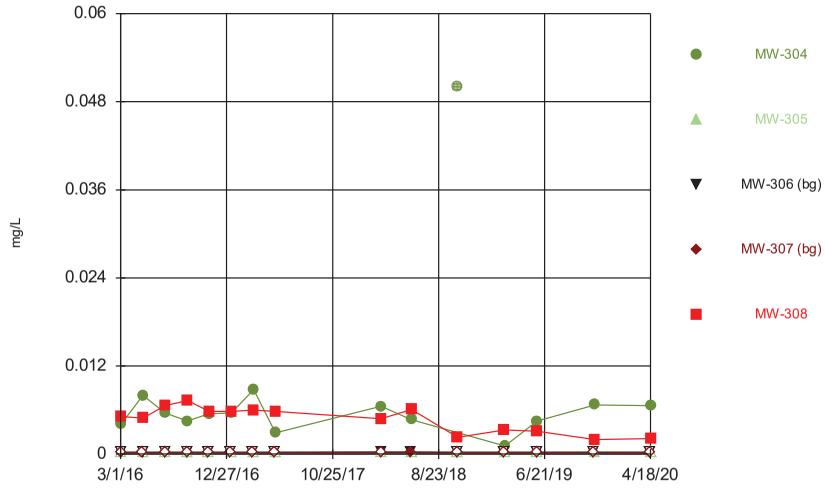
Time Series



Constituent: Selenium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

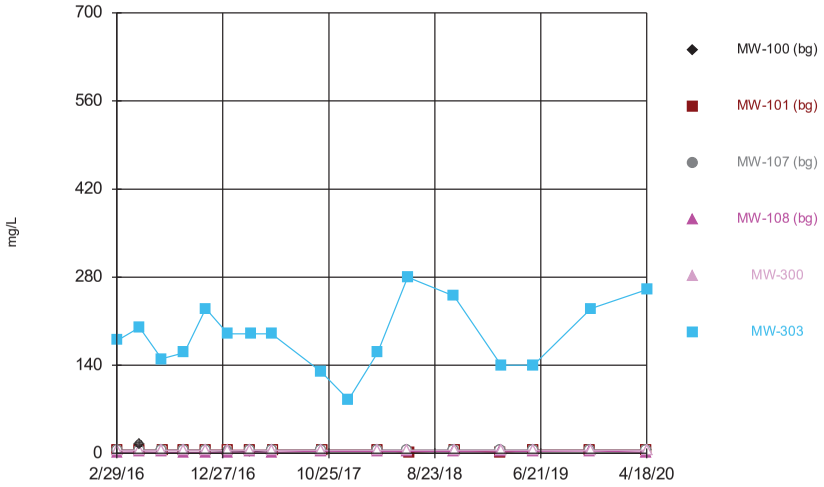
Time Series



Constituent: Selenium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

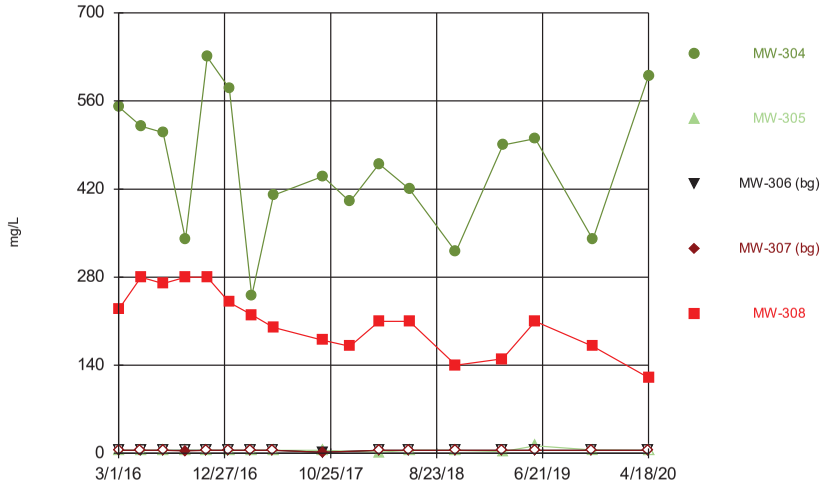
Time Series



Constituent: Sulfate Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

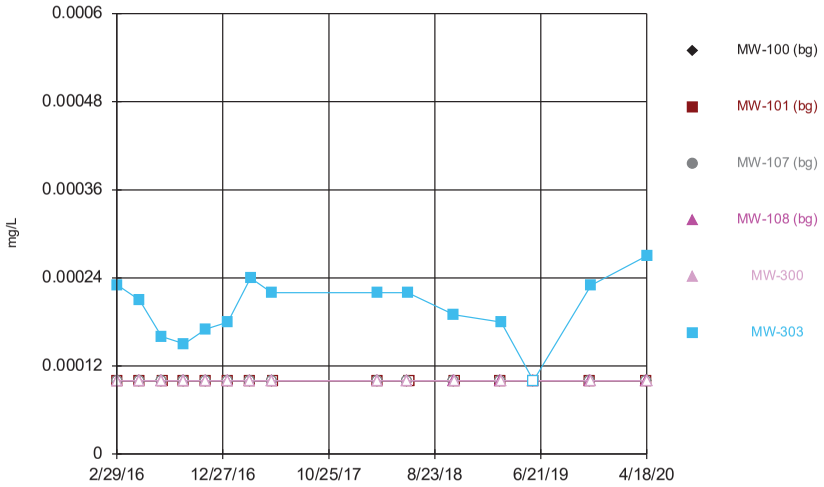
Time Series



Constituent: Sulfate Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

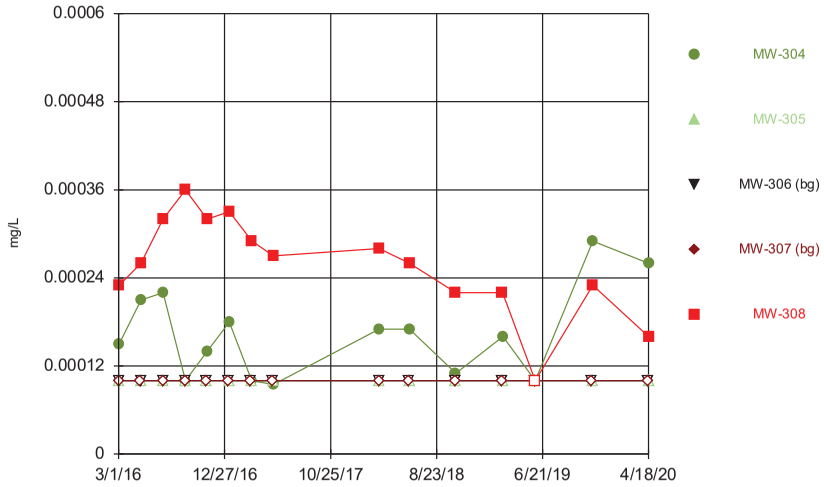
Time Series



Constituent: Thallium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

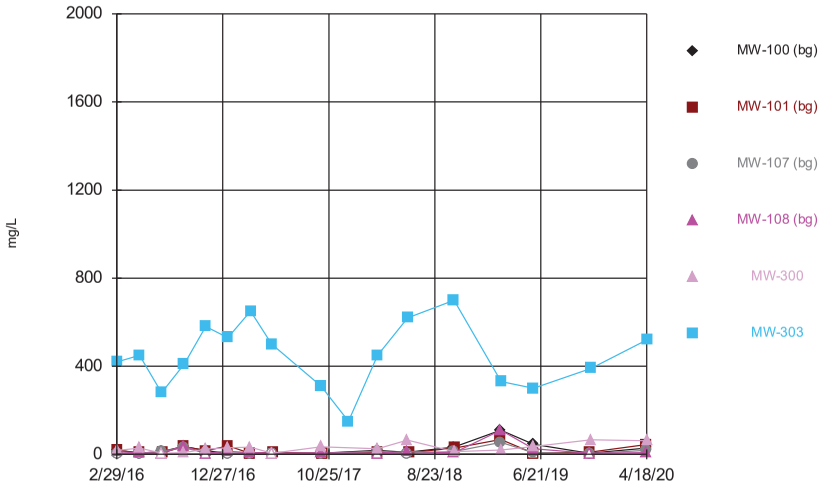
Time Series



Constituent: Thallium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

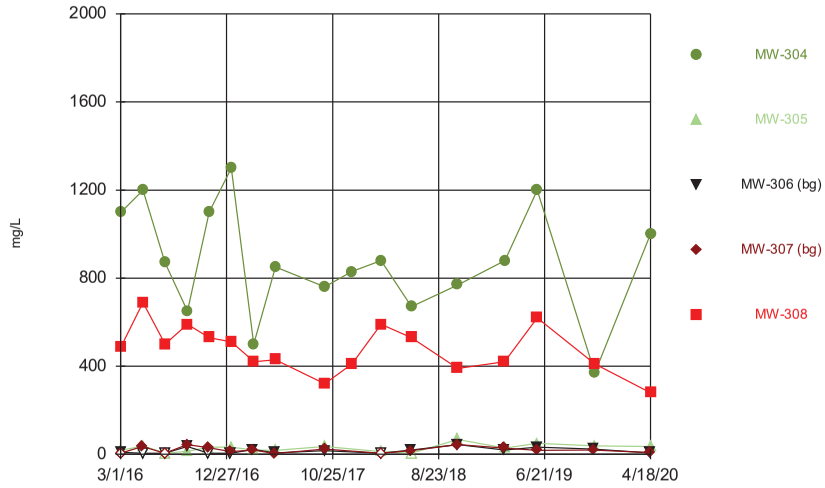
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		
5/4/2016		<0.0025			<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	<0.0025
11/10/2016		<0.0025				
1/9/2017	<0.0025		<0.0025	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025		<0.0025
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	<0.0025
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						<0.0025
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/18/2018		<0.0025				
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025		
4/18/2020					<0.0025	<0.0025

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	<0.0025	
3/3/2016	<0.0025	<0.0025			<0.0025
5/2/2016				<0.0025	
5/3/2016			<0.0025		
5/4/2016	<0.0025	<0.0025			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0025			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0025			<0.0025
11/7/2016		<0.0025	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0025			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0025			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0025			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0025			<0.0025
10/17/2018			<0.0025	<0.0025	
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0025			
4/16/2020			<0.0025	<0.0025	
4/18/2020	<0.0025	<0.0025			<0.0025

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025		
3/3/2016					<0.00025	0.0018 (J)
5/2/2016	<0.00025		<0.00025	<0.00025		
5/4/2016		<0.00025			<0.00025	0.0024
7/5/2016	<0.00025		<0.00025	<0.00025		
7/6/2016						0.0005 (J)
7/7/2016					<0.00025	
7/8/2016		<0.00025				
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025		
9/7/2016					<0.00025	
9/8/2016						<0.00025
11/7/2016	<0.00025		<0.00025	<0.00025		
11/8/2016					<0.00025	<0.00025
11/10/2016		<0.00025				
1/9/2017	<0.00025		<0.00025	<0.00025		
1/10/2017					<0.00025	<0.00025
1/11/2017		<0.00025				
3/13/2017	0.00069 (J)		<0.00025	0.00069 (J)		
3/14/2017		<0.00025				
3/15/2017					<0.00025	
3/16/2017						0.0015
5/15/2017	<0.00025		<0.00025	<0.00025		0.0012 (J)
5/16/2017					<0.00025	
5/18/2017		<0.00025				
3/12/2018	<0.00025		<0.00025	<0.00025		
3/13/2018					<0.00025	0.00082 (J)
3/14/2018		<0.00025				
6/5/2018	<0.00025		<0.00025	<0.00025		
6/6/2018					<0.00025	
6/7/2018						0.0007 (J)
6/10/2018		0.00046 (J)				
10/16/2018	<0.00025		<0.00025	<0.00025		
10/17/2018						<0.00025
10/18/2018		<0.00025			<0.00025	
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025		
2/28/2019					<0.00025	<0.00025
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025		
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)		
4/16/2020	<0.00025	<0.00025	<0.00025	<0.00025		
4/18/2020					<0.00025	<0.00025

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00025	0.00038 (J)	
3/3/2016	0.009 (o)	<0.00025			<0.00025
5/2/2016				0.00073 (J)	
5/3/2016			<0.00025		
5/4/2016	0.019 (o)	<0.00025			<0.00025
7/5/2016			<0.00025	0.00077 (J)	
7/6/2016	0.014 (o)				<0.00025
7/7/2016		<0.00025			
9/6/2016			<0.00025	0.0013	
9/7/2016	0.005	<0.00025			<0.00025
11/7/2016		<0.00025	<0.00025	<0.00025	
11/8/2016	0.0035				<0.00025
1/9/2017			<0.00025	0.00053 (J)	
1/10/2017	0.0051	<0.00025			<0.00025
3/13/2017			<0.00025	<0.00025	
3/15/2017	0.00066 (J)	<0.00025			
3/16/2017					<0.00025
5/15/2017			<0.00025	<0.00025	
5/16/2017	0.00094 (J)	<0.00025			<0.00025
3/12/2018			<0.00025	<0.00025	
3/13/2018	0.00086 (J)	<0.00025			<0.00025
6/6/2018			<0.00025	<0.00025	
6/7/2018	0.00056 (J)	<0.00025			<0.00025
10/17/2018	0.0005 (J)	<0.00025	<0.00025	<0.00025	<0.00025
2/27/2019			<0.00025	<0.00025	<0.00025
2/28/2019	<0.00025	<0.00025			
5/31/2019			<0.00025	<0.00025	
11/6/2019			0.00014 (J)	0.00024 (J)	
4/16/2020			<0.00025	<0.00025	
4/18/2020	0.00053	0.00042			0.00046

Time Series

Constituent: Barium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	0.014	0.0097 (J)	0.013	0.013		
3/3/2016					0.01 (J)	0.024
5/2/2016	0.013		0.013	0.01		
5/4/2016		0.0095			0.012	0.025
7/5/2016	0.013		0.013	0.0089		
7/6/2016						0.025
7/7/2016					0.012	
7/8/2016		0.0093				
9/6/2016	0.016	0.011	0.013	0.01		
9/7/2016					0.011	
9/8/2016						0.03
11/7/2016	0.014		0.013	0.0096		
11/8/2016					0.011	0.032
11/10/2016		0.0092				
1/9/2017	0.015		0.012	0.011		
1/10/2017					0.011	0.027
1/11/2017		0.0092				
3/13/2017	0.015		0.013	0.011		
3/14/2017		0.0095				
3/15/2017					0.013	
3/16/2017						0.04
5/15/2017	0.015		0.011	0.0089		0.028
5/16/2017					0.011	
5/18/2017		0.0095				
3/12/2018	0.017		0.013	0.01		
3/13/2018					0.011	0.034
3/14/2018		0.0089				
6/5/2018	0.018		0.014	0.011		
6/6/2018					0.012	
6/7/2018						0.053
6/10/2018		0.0092				
10/16/2018	0.017		0.011	0.011		
10/17/2018						0.048
10/18/2018		0.0089			0.01	
2/27/2019	0.021	0.011	0.014	0.011		
2/28/2019					0.012	0.032
5/31/2019	0.02	0.0088	0.013	0.01	0.011	0.029
11/6/2019	0.019	0.0094	0.012	0.0097		
11/11/2019					0.012	0.046
4/16/2020	0.02	0.0099	0.012	0.012		
4/18/2020					0.011	0.069

Time Series

Constituent: Barium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			0.012	0.015	
3/3/2016	0.045	0.02			0.023
5/2/2016				0.013	
5/3/2016			0.012		
5/4/2016	0.035	0.017			0.029
7/5/2016			0.011	0.017	
7/6/2016	0.036				0.029
7/7/2016		0.018			
9/6/2016			0.012	0.017	
9/7/2016	0.026	0.017			0.029
11/7/2016		0.017	0.012	0.023	
11/8/2016	0.042				0.025
1/9/2017			0.013	0.016	
1/10/2017	0.041	0.016			0.022
3/13/2017			0.013	0.016	
3/15/2017	0.018	0.018			
3/16/2017					0.023
5/15/2017			0.012	0.015	
5/16/2017	0.026	0.016			0.02
3/12/2018			0.013	0.015	
3/13/2018	0.057	0.016			0.031
6/6/2018			0.014	0.017	
6/7/2018	0.04	0.016			0.026
10/17/2018	0.021	0.016	0.012	0.016	0.017
2/27/2019			0.015	0.018	0.024
2/28/2019	0.039	0.02			
5/31/2019	0.044	0.036	0.014	0.016	0.031
11/6/2019			0.013	0.017	
11/11/2019	0.027	0.026			0.02
4/16/2020			0.014	0.017	
4/18/2020	0.043	0.02			0.016

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005		
3/3/2016					<0.0005	<0.0005
5/2/2016	<0.0005		<0.0005	<0.0005		
5/4/2016		<0.0005			<0.0005	<0.0005
7/5/2016	<0.0005		<0.0005	<0.0005		
7/6/2016						<0.0005
7/7/2016					<0.0005	
7/8/2016		<0.0005				
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005		
9/7/2016					<0.0005	
9/8/2016						<0.0005
11/7/2016	<0.0005		<0.0005	<0.0005		
11/8/2016					<0.0005	<0.0005
11/10/2016		<0.0005				
1/9/2017	<0.0005		<0.0005	<0.0005		
1/10/2017					<0.0005	<0.0005
1/11/2017		<0.0005				
3/13/2017	<0.0005		<0.0005	<0.0005		
3/14/2017		<0.0005				
3/15/2017					<0.0005	
3/16/2017						<0.0005
5/15/2017	<0.0005		<0.0005	<0.0005		<0.0005
5/16/2017					<0.0005	
5/18/2017		<0.0005				
3/12/2018	<0.0005		<0.0005	<0.0005		
3/13/2018					<0.0005	<0.0005
3/14/2018		<0.0005				
6/5/2018	<0.0005		<0.0005	<0.0005		
6/6/2018					<0.0005	
6/7/2018						<0.0005
6/10/2018		<0.0005				
10/16/2018	<0.0005		<0.0005	<0.0005		
10/18/2018		<0.0005				
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005		
2/28/2019					<0.0005	<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005		
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0005		
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0005		
4/18/2020					<0.0005	7.4E-05 (J)

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0005	<0.0005	
3/3/2016	<0.0005	<0.0005			<0.0005
5/2/2016				<0.0005	
5/3/2016			<0.0005		
5/4/2016	<0.0005	<0.0005			<0.0005
7/5/2016			<0.0005	<0.0005	
7/6/2016	<0.0005				<0.0005
7/7/2016		<0.0005			
9/6/2016			<0.0005	<0.0005	
9/7/2016	<0.0005	<0.0005			<0.0005
11/7/2016		<0.0005	<0.0005	<0.0005	
11/8/2016	<0.0005				<0.0005
1/9/2017			<0.0005	<0.0005	
1/10/2017	<0.0005	<0.0005			<0.0005
3/13/2017			<0.0005	<0.0005	
3/15/2017	<0.0005	<0.0005			
3/16/2017					<0.0005
5/15/2017			<0.0005	<0.0005	
5/16/2017	<0.0005	<0.0005			<0.0005
3/12/2018			<0.0005	<0.0005	
3/13/2018	<0.0005	<0.0005			<0.0005
6/6/2018			<0.0005	<0.0005	
6/7/2018	<0.0005	<0.0005			<0.0005
10/17/2018			<0.0005	<0.0005	
2/27/2019			<0.0005	<0.0005	<0.0005
2/28/2019	<0.0005	<0.0005			
5/31/2019			<0.0005	<0.0005	
11/6/2019			<0.0005	<0.0005	
4/16/2020			<0.0005	<0.0005	
4/18/2020	<0.0005	<0.0005			<0.0005

Time Series

Constituent: Boron (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.05	<0.05	<0.05	<0.05		
3/3/2016					0.11 (J)	3.2
5/2/2016	<0.05		<0.05	<0.05		
5/4/2016		<0.05			<0.05	4
7/5/2016	<0.05		<0.05	<0.05		
7/6/2016						2.6
7/7/2016					<0.05	
7/8/2016		<0.05				
9/6/2016	<0.05	<0.05	<0.05	<0.05		
9/7/2016					0.028 (J)	
9/8/2016						3.6
11/7/2016	<0.05		<0.05	<0.05		
11/8/2016					0.025 (J)	5
11/10/2016		<0.05				
1/9/2017	<0.05		<0.05	<0.05		
1/10/2017					<0.05	4.2
1/11/2017		<0.05				
3/13/2017	<0.05		<0.05	0.022 (J)		
3/14/2017		<0.05				
3/15/2017					<0.05	
3/16/2017						3.5
5/15/2017	<0.05		<0.05	<0.05		3.2
5/16/2017					<0.05	
5/18/2017		<0.05				
10/2/2017	<0.05		<0.05	0.023 (J)		
10/3/2017					0.03 (J)	2.9
10/5/2017		<0.05				
12/20/2017						2
3/12/2018	<0.05		<0.05	<0.05		
3/13/2018					<0.05	3.4
3/14/2018		<0.05				
6/5/2018	<0.05		<0.05	<0.05		
6/6/2018					0.024 (J)	
6/7/2018						5.6
6/10/2018		<0.05				
10/16/2018	<0.05		<0.05	<0.05		
10/17/2018						7.3
10/18/2018		0.081			0.022 (J)	
2/27/2019	<0.05	<0.05	<0.05	<0.05		
2/28/2019					<0.05	3.1
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	2.7
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)		
11/11/2019					0.035 (V)	9.7
4/16/2020	0.02	0.013	0.013	0.017		
4/18/2020					0.027	5.7

Time Series

Constituent: Boron (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.05	<0.05	
3/3/2016	1.6	<0.05			2.6
5/2/2016				<0.05	
5/3/2016			<0.05		
5/4/2016	2.3	<0.05			5.9
7/5/2016			<0.05	<0.05	
7/6/2016	1.9				4.9
7/7/2016		0.034 (J)			
9/6/2016			<0.05	<0.05	
9/7/2016	0.95	<0.05			6.4
11/7/2016		0.045 (J)	<0.05	<0.05	
11/8/2016	1.8				6
1/9/2017			<0.05	<0.05	
1/10/2017	1.9	<0.05			5.4
3/13/2017			<0.05	<0.05	
3/15/2017	0.38	<0.05			
3/16/2017					4.5
5/15/2017			<0.05	<0.05	
5/16/2017	2	0.043 (J)			3.9
10/2/2017			<0.05	<0.05	
10/3/2017	0.67	0.026 (J)			0.93
12/20/2017	3				3
3/12/2018			<0.05	<0.05	
3/13/2018	2.9	0.07			3.6
6/6/2018			<0.05	<0.05	
6/7/2018	2.9	0.1			3.4
10/17/2018	1.6	0.074	<0.05	<0.05	2.8
2/27/2019			<0.05	<0.05	2.8
2/28/2019	2.5	0.027 (J)			
5/31/2019	3.1	<0.05	<0.05	<0.05	4.4
11/6/2019			0.011 (V)	0.0099 (J)	
11/11/2019	10	0.036 (V)			16
4/16/2020			0.0075 (J)	0.0055 (J)	
4/18/2020	2.8	0.016			3

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005		
3/3/2016					<0.0005	<0.0005
5/2/2016	<0.0005		<0.0005	<0.0005		
5/4/2016		<0.0005			<0.0005	<0.0005
7/5/2016	<0.0005		<0.0005	<0.0005		
7/6/2016						0.00036 (J)
7/7/2016					<0.0005	
7/8/2016		<0.0005				
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005		
9/7/2016					<0.0005	
9/8/2016						0.00045 (J)
11/7/2016	<0.0005		<0.0005	<0.0005		
11/8/2016					<0.0005	0.00065 (J)
11/10/2016		<0.0005				
1/9/2017	<0.0005		<0.0005	<0.0005		
1/10/2017					<0.0005	0.00051 (J)
1/11/2017		<0.0005				
3/13/2017	<0.0005		<0.0005	<0.0005		
3/14/2017		<0.0005				
3/15/2017					<0.0005	
3/16/2017						0.00049 (J)
5/15/2017	<0.0005		<0.0005	<0.0005		0.00045 (J)
5/16/2017					<0.0005	
5/18/2017		<0.0005				
3/12/2018	<0.0005		<0.0005	<0.0005		
3/13/2018					<0.0005	0.00041 (J)
3/14/2018		<0.0005				
6/5/2018	<0.0005		<0.0005	<0.0005		
6/6/2018					<0.0005	
6/7/2018						0.00066 (J)
6/10/2018		<0.0005				
10/16/2018	<0.0005		<0.0005	<0.0005		
10/17/2018						0.00072 (J)
10/18/2018		<0.0005			<0.0005	
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005		
2/28/2019					<0.0005	0.00039 (J)
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00034 (J)
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005		
11/11/2019					<0.0005	<0.0005
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005		
4/18/2020					7.5E-05 (J)	0.00024 (J)

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0005	<0.0005	
3/3/2016	<0.0005	<0.0005			<0.0005
5/2/2016				<0.0005	
5/3/2016			<0.0005		
5/4/2016	<0.0005	<0.0005			<0.0005
7/5/2016			<0.0005	<0.0005	
7/6/2016	<0.0005				<0.0005
7/7/2016		<0.0005			
9/6/2016			<0.0005	<0.0005	
9/7/2016	<0.0005	<0.0005			<0.0005
11/7/2016		<0.0005	<0.0005	<0.0005	
11/8/2016	<0.0005				<0.0005
1/9/2017			<0.0005	<0.0005	
1/10/2017	<0.0005	<0.0005			<0.0005
3/13/2017			<0.0005	<0.0005	
3/15/2017	<0.0005	<0.0005			
3/16/2017					<0.0005
5/15/2017			<0.0005	<0.0005	
5/16/2017	<0.0005	<0.0005			<0.0005
3/12/2018			<0.0005	<0.0005	
3/13/2018	<0.0005	<0.0005			<0.0005
6/6/2018			<0.0005	<0.0005	
6/7/2018	<0.0005	<0.0005			<0.0005
10/17/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/27/2019			<0.0005	<0.0005	<0.0005
2/28/2019	<0.0005	<0.0005			
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2019			<0.0005	<0.0005	
11/11/2019	0.001 (J)	<0.0005			<0.0005
4/16/2020			<0.0005	<0.0005	
4/18/2020	0.00073	7.6E-05 (J)			8.9E-05 (J)

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	1	1 (J)	0.67	1.4		
3/3/2016					1 (J)	57
5/2/2016	0.78		0.58	1.1		
5/4/2016		0.62			1	60
7/5/2016	0.65		0.43	0.94		
7/6/2016						54
7/7/2016					0.62	
7/8/2016		0.4				
9/6/2016	0.7	0.45	0.48	1		
9/7/2016					0.6	
9/8/2016						68
11/7/2016	0.8		0.56	1.2		
11/8/2016					0.53	84
11/10/2016		0.44				
1/9/2017	0.74		0.43	1.2		
1/10/2017					0.51	64
1/11/2017		0.42				
3/13/2017	0.78		0.48	1.3		
3/14/2017		0.42				
3/15/2017					0.53	
3/16/2017						78
5/15/2017	0.76		0.37	1		63
5/16/2017					0.48	
5/18/2017		0.38				
10/2/2017	0.78		0.47	1.2		
10/3/2017					0.46	43
10/5/2017		0.39				
12/20/2017						44
3/12/2018	0.88		0.49	1.4		
3/13/2018					0.46	68
3/14/2018		0.49				
6/5/2018	0.9		0.49	1.2		
6/6/2018					0.45	
6/7/2018						89
6/10/2018		0.39				
10/16/2018	0.86		0.42	1.4		
10/17/2018						93
10/18/2018		0.41			0.48	
2/27/2019	0.96	0.44	0.56	1.3		
2/28/2019					0.44	48
5/31/2019	0.76	0.28	0.33	1.1	0.55	47
11/6/2019	0.88	0.46	0.49	1.2		
11/11/2019					0.56 (V)	73
4/16/2020	0.84	0.38	0.36	1.3		
4/18/2020					0.48	93

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			0.6	1.5	
3/3/2016	160	2.5			84
5/2/2016				0.83	
5/3/2016			0.55		
5/4/2016	140	1.1			90
7/5/2016			0.53	1.6	
7/6/2016	120				72
7/7/2016		0.71			
9/6/2016			0.5	1.6	
9/7/2016	94	0.78			75
11/7/2016		0.82	0.68	1.5	
11/8/2016	160				79
1/9/2017			0.56	0.98	
1/10/2017	150	0.58			61
3/13/2017			0.62	0.75	
3/15/2017	78	0.69			
3/16/2017					62
5/15/2017			0.58	0.83	
5/16/2017	120	0.66			64
10/2/2017			0.62	0.83	
10/3/2017	160	0.68			59
12/20/2017	120				65
3/12/2018			0.59	0.71	
3/13/2018	110	0.65			77
6/6/2018			0.59	0.68	
6/7/2018	97	0.6			78
10/17/2018	130	0.73	0.54	0.66	60
2/27/2019			0.63	0.7	65
2/28/2019	120	0.84			
5/31/2019	110	2.6	0.45	0.52	84
11/6/2019			0.55	0.74	
11/11/2019	82	1.6 (V)			63
4/16/2020			0.53	0.59	
4/18/2020	150	0.9			48

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	5.3	5.4	8.1	7.4		
3/3/2016					8.2	36
5/2/2016	4.4		6	6.3		
5/4/2016		4.5			8.2	47
7/5/2016	4.2		5.2	4.8		
7/6/2016						28
7/7/2016					8.3	
7/8/2016		4.9				
9/6/2016	4.3	4.3	5.5	6		
9/7/2016					8.1	
9/8/2016						47
11/7/2016	4.2		5.4	5.7		
11/8/2016					8.5	150
11/10/2016		4.5				
1/9/2017	5.3		6.1	6.8		
1/10/2017					9.1	110
1/11/2017		5.3				
3/13/2017	5.2		5.5	6.8		
3/14/2017		5.5				
3/15/2017					48	
3/16/2017						200
5/15/2017	4.8		4.7	6.1		120
5/16/2017					8.9	
5/18/2017		5				
10/2/2017	5.5		6.1	6		
10/3/2017					8.9	38
10/5/2017		5.6				
12/20/2017					8.8	22
3/12/2018	5.3		6.1	5.9		
3/13/2018					8.3	82
3/14/2018		5.2				
6/5/2018	5.3		5.5	6.5		
6/6/2018					8	
6/7/2018						170
6/10/2018		5.2				
10/16/2018	5.5		5.1	5.9		
10/17/2018						110
10/18/2018		5.2			8.1	
2/27/2019	4.6	5.1	5	4.3		
2/28/2019					9.1	49
5/31/2019	5.1	5	5.4	4.5	8.2	50
11/6/2019	5.8	6	6.1	5.7		
11/11/2019					8.4	63
4/16/2020	6.1	5.8	5.3	5.6		
4/18/2020					8.7	96

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			5.6	4	
3/3/2016	110	7.9			43
5/2/2016				3.6	
5/3/2016			5.1		
5/4/2016	120	7			63
7/5/2016			4.7	3.6	
7/6/2016	130				51
7/7/2016		7.1			
9/6/2016			4.4	4	
9/7/2016	43	6.9			57
11/7/2016		8	4.6	4.4	
11/8/2016	98				47
1/9/2017			5.3	4.4	
1/10/2017	150	<7.4			45
3/13/2017			5.6	4.1	
3/15/2017	65	8.1			
3/16/2017					40
5/15/2017			5.2	3.7	
5/16/2017	120	7.8			39
10/2/2017			5.5	4.8	
10/3/2017	21	7.1			20
12/20/2017	79	7.6			63
3/12/2018			5.6	4	
3/13/2018	84	6.9			130
6/6/2018			5.6	4.1	
6/7/2018	86	7.3			120
10/17/2018	45	6.8	5.5	3.7	70
2/27/2019			5.1	4	94
2/28/2019	110	7.1			
5/31/2019	130	9.8	5.4	3.7	110
11/6/2019			5.9	4.7	
11/11/2019	81	12			62
4/16/2020			6.2	4.9	
4/18/2020	140	8.2			33

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005		
3/3/2016					<0.0005	<0.0005
5/2/2016	0.0029		0.0019 (J)	0.0034		
5/4/2016		<0.0005			0.0037	<0.0005
7/5/2016	<0.0005		0.0051	0.0059		
7/6/2016						<0.0005
7/7/2016					<0.0005	
7/8/2016		<0.0005				
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005		
9/7/2016					<0.0005	
9/8/2016						<0.0005
11/7/2016	<0.0005		<0.0005	<0.0005		
11/8/2016					<0.0005	<0.0005
11/10/2016		<0.0005				
1/9/2017	<0.0005		0.017 (o)	<0.0005		
1/10/2017					<0.0005	<0.0005
1/11/2017		<0.0005				
3/13/2017	<0.0005		<0.0005	<0.0005		
3/14/2017		<0.0005				
3/15/2017					<0.0005	
3/16/2017						<0.0005
5/15/2017	<0.0005		<0.0005	<0.0005		<0.0005
5/16/2017					<0.0005	
5/18/2017		<0.0005				
3/12/2018	<0.0005		<0.0005	<0.0005		
3/13/2018					<0.0005	<0.0005
3/14/2018		<0.0005				
6/5/2018	<0.0005		<0.0005	<0.0005		
6/6/2018					<0.0005	
6/7/2018						<0.0005
6/10/2018		<0.0005				
10/16/2018	<0.0005		<0.0005	<0.0005		
10/18/2018		<0.0005				
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005		
2/28/2019					<0.0005	<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005		
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005		
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005		
4/18/2020					<0.0005	<0.0005

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0005	0.00056 (J)	
3/3/2016	<0.0005	<0.0005			<0.0005
5/2/2016				0.0021 (J)	
5/3/2016			0.0012 (J)		
5/4/2016	0.0012 (J)	0.0025			<0.0005
7/5/2016			<0.0005	<0.0005	
7/6/2016	<0.0005				<0.0005
7/7/2016		<0.0005			
9/6/2016			<0.0005	<0.0005	
9/7/2016	<0.0005	<0.0005			<0.0005
11/7/2016		<0.0005	<0.0005	<0.0005	
11/8/2016	<0.0005				<0.0005
1/9/2017			<0.0005	<0.0005	
1/10/2017	<0.0005	<0.0005			<0.0005
3/13/2017			<0.0005	<0.0005	
3/15/2017	<0.0005	<0.0005			
3/16/2017					<0.0005
5/15/2017			<0.0005	<0.0005	
5/16/2017	<0.0005	<0.0005			<0.0005
3/12/2018			<0.0005	<0.0005	
3/13/2018	<0.0005	<0.0005			<0.0005
6/6/2018			<0.0005	<0.0005	
6/7/2018	<0.0005	<0.0005			<0.0005
10/17/2018			<0.0005	<0.0005	
2/27/2019			<0.0005	<0.0005	<0.0005
2/28/2019	<0.0005	<0.0005			
5/31/2019			<0.0005	<0.0005	
11/6/2019			<0.0005	<0.0005	
4/16/2020			<0.0005	<0.0005	
4/18/2020	<0.0005	<0.0005			0.00082

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	0.00039 (J)	<0.0005	0.00064 (J)	0.00023 (J)		
3/3/2016					<0.0005	<0.0005
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		
5/4/2016		<0.0005			0.00093 (J)	0.0007 (J)
7/5/2016	0.00049 (J)		0.0027	0.0032		
7/6/2016						<0.0005
7/7/2016					<0.0005	
7/8/2016		<0.0005				
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0005		
9/7/2016					<0.0005	
9/8/2016						<0.0005
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0005		
11/8/2016					<0.0005	0.00051 (J)
11/10/2016		<0.0005				
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0005		
1/10/2017					<0.0005	<0.0005
1/11/2017		<0.0005				
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0005		
3/14/2017		<0.0005				
3/15/2017					<0.0005	
3/16/2017						0.0004 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0005		0.00079 (J)
5/16/2017					<0.0005	
5/18/2017		<0.0005				
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0005		
3/13/2018					<0.0005	0.00056 (J)
3/14/2018		<0.0005				
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0005		
6/6/2018					<0.0005	
6/7/2018						0.0007 (J)
6/10/2018		<0.0005				
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0005		
10/17/2018						<0.0005
10/18/2018		<0.0005			<0.0005	
2/27/2019	0.00065 (J)	<0.0005	0.00056 (J)	<0.0005		
2/28/2019					<0.0005	0.00059 (J)
5/31/2019	0.00046 (J)	<0.0005	<0.0005	<0.0005	<0.0005	0.00073 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)		
11/11/2019					0.00023 (J)	0.00065 (J)
4/16/2020	0.00058	0.00035 (J)	0.00043 (J)	0.00021 (J)		
4/18/2020					0.00024 (J)	0.00044 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			0.00064 (J)	0.00071 (J)	
3/3/2016	0.19 (o)	0.00085 (J)			0.00063 (J)
5/2/2016				0.001 (J)	
5/3/2016			0.00079 (J)		
5/4/2016	0.16 (o)	0.001 (J)			0.00056 (J)
7/5/2016			<0.0005	0.00055 (J)	
7/6/2016	0.15 (o)				<0.0005
7/7/2016		0.00044 (J)			
9/6/2016			0.00094 (J)	0.00057 (J)	
9/7/2016	0.019	0.00052 (J)			<0.0005
11/7/2016		0.00046 (J)	0.00041 (J)	0.00047 (J)	
11/8/2016	0.099 (o)				<0.0005
1/9/2017			0.00074 (J)	0.00054 (J)	
1/10/2017	0.077 (o)	0.00042 (J)			<0.0005
3/13/2017			0.00091 (J)	0.0004 (J)	
3/15/2017	0.0042	0.00044 (J)			
3/16/2017					<0.0005
5/15/2017			0.00075 (J)	0.00046 (J)	
5/16/2017	0.0067	<0.0005			<0.0005
3/12/2018			0.00044 (J)	<0.0005	
3/13/2018	0.015	<0.0005			<0.0005
6/6/2018			0.0004 (J)	0.00048 (J)	
6/7/2018	0.014	<0.0005			<0.0005
10/17/2018	0.012	<0.0005	<0.0005	0.00043 (J)	<0.0005
2/27/2019			<0.0005	0.00045 (J)	<0.0005
2/28/2019	0.02	0.00042 (J)			
5/31/2019	0.026	0.00046 (J)	<0.0005	<0.0005	<0.0005
11/6/2019			0.00029 (J)	0.00094 (J)	
11/11/2019	0.023	0.00063 (J)			<0.0005
4/16/2020			0.00029 (J)	0.00053	
4/18/2020	0.015	0.00045 (J)			<0.0005

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	1.27	1.09	1.42	2.4		
3/3/2016					4.62	5.43
5/2/2016	0.808		1.03	1.62		
5/4/2016		0.848			5.36	5.52
7/5/2016	0.947		0.961	1.01		
7/6/2016						12.9
7/7/2016					6.27	
7/8/2016		1.46				
9/6/2016	1.07	1.34	1.07	1.8		
9/7/2016					5.25	
9/8/2016						3.73
11/7/2016	0.602		0.818	1.86		
11/8/2016					5.64	5.61
11/10/2016		1.23				
1/9/2017	0.865		0.934	2.25		
1/10/2017					5.39	4.33
1/11/2017		1.11				
3/13/2017	0.693		0.937	1.87		
3/14/2017		1.01				
3/15/2017					5.72	
3/16/2017						6.34
5/15/2017	0.786		0.685	1.4		5.77
5/16/2017					4.84	
5/18/2017		0.745				
3/12/2018	0.933		1.09	1.97		
3/13/2018					5.59	5.94
3/14/2018		0.614				
6/5/2018	0.713		0.927	2.17		
6/6/2018					3.96	
6/7/2018						5.79
6/10/2018		0.959				
10/16/2018	2.14		1.07	2.2		
10/17/2018						6.31
10/18/2018		0.944			5.75	
2/27/2019	0.651	0.827	0.912	1.8		
2/28/2019					4.82	5.4
5/31/2019	1.33	0.99	1.24	1.8	4.06	4.37
11/6/2019	1.32	0.892	0.509 (U)	2.32		
11/11/2019					5.43	5.71
4/16/2020	0.971	0.497	0.568	1.35		
4/18/2020					5.09	6.89

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			0.647	<5	
3/3/2016	9.46	1.67			2.29
5/2/2016				<5	
5/3/2016			0.748		
5/4/2016	9.66	1.18			2.58
7/5/2016			0.591	<5	
7/6/2016	2.84				3.08
7/7/2016		1.24			
9/6/2016			0.831	0.566	
9/7/2016	4.49	1.49			3.04
11/7/2016		1.32	0.983	0.784	
11/8/2016	7.47				2.96
1/9/2017			0.767	0.541	
1/10/2017	9.6	2.16			3.5
3/13/2017			1.26	0.442	
3/15/2017	2.22	1.14			
3/16/2017					2.9
5/15/2017			0.553	0.345	
5/16/2017	3.89	1.26			1.47
3/12/2018			0.783	0.848	
3/13/2018	5.25	1.29			2.96
6/6/2018			1.08	0.78	
6/7/2018	4.1	1.25			2.45
10/17/2018	3.15	1.24	1.19	0.88	2.7
2/27/2019			0.741	0.431	2.61
2/28/2019	5.21	1.55			
5/31/2019	6.03	1.9	0.759	0.884	3.62
11/6/2019			0.105 (U)	0.366 (U)	
11/11/2019	5.15	1.58			2
4/16/2020			0.588	0.264 (U)	
4/18/2020	7.33	1.55			1.34

Time Series

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	5.11	5.26	5.11	4.9		
3/3/2016					5.11	6.16
5/2/2016	4.76		4.77	4.69		
5/4/2016		5.1			5.13	6.3
7/5/2016	5.12		5.48	7.11 (o)		
7/6/2016						7.07
7/7/2016					4.96	
7/8/2016		4.96				
9/6/2016	5.11	5.43	5.12	5.19		
9/7/2016					4.88	
9/8/2016						6.72
11/7/2016	4.76		4.73	4.64		
11/8/2016					4.54	6.55
11/10/2016		4.89				
1/9/2017	4.99		5	4.94		
1/10/2017					4.83	6.72
1/11/2017		4.87				
3/13/2017	4.57		4.74	4.63		
3/14/2017		4.71				
3/15/2017					4.82	
3/16/2017						6.5
5/15/2017	4.6		4.63	4.52		6.15
5/16/2017					4.53	
5/18/2017		4.5				
10/2/2017	4.64		4.63	4.54		
10/3/2017					4.44	6.48
10/5/2017		4.63				
12/20/2017					4.63	6.99 (R)
3/12/2018	4.85		4.81	4.81		
3/13/2018					4.78	6.61
3/14/2018		5.14				
6/5/2018	4.92		5.04	4.9		
6/6/2018					4.67	
6/7/2018						6.48
6/10/2018		5.12				
10/16/2018	4.93		4.98	4.81		
10/17/2018						6.58
10/18/2018		4.97			4.71	
2/27/2019	4.75	4.84	4.78	4.71		
2/28/2019					4.71	6.53
5/31/2019	4.9	4.92	4.92	4.84	4.62	6.25
11/6/2019	4.82	4.94	4.88	4.78		
11/11/2019					4.77	6.68
4/16/2020	5.03	5.17	5.15	4.96		
4/18/2020					4.69	6.61

Time Series

Constituent: Field pH (SU) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			5.08	6.37	
3/3/2016	5.185 (D)	5.33			6.62 (D)
5/2/2016				5.605 (D)	
5/3/2016			5.14		
5/4/2016	5.02 (D)	5.13			6.345 (D)
7/5/2016			5.38	6.29	
7/6/2016	4.93				6.42
7/7/2016		5.19			
9/6/2016			5.37	6.42	
9/7/2016	5.36	4.9			6.01
11/7/2016		4.78	4.92	5.75	
11/8/2016	5.26				6.02
1/9/2017			5.05	5.98	
1/10/2017	5.04	4.96			6
3/13/2017			4.87	5.81	
3/15/2017	5.91	4.89			
3/16/2017					6.12
5/15/2017			4.69	5.42	
5/16/2017	5.36	4.53			6.13
10/2/2017			4.88	5.63	
10/3/2017	6.36	4.64			5.47
12/20/2017	5.86	4.87			6.07 (R)
3/12/2018			5.07	5.6	
3/13/2018	5.41	4.91			6.26
6/6/2018			5.09	5.58	
6/7/2018	5.37	4.8			6.36
10/17/2018	5.94	4.87	4.99	5.54	6.18
2/27/2019			4.87	5.4	6.49
2/28/2019	5.64	4.86			
5/31/2019	5.41	4.84	4.89	5.45	6.65
11/6/2019			5.04	5.52	
11/11/2019	5.18	4.9			6.75
4/16/2020			5.13	5.58	
4/18/2020	5.2	4.91			6.97

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.1	<0.1	<0.1	<0.1		
3/3/2016					0.041 (J)	0.15
5/2/2016	<0.1		<0.1	<0.1		
5/4/2016		<0.1			<0.1	0.11
7/5/2016	<0.1		<0.1	<0.1		
7/6/2016						0.13
7/7/2016					<0.1	
7/8/2016		<0.1				
9/6/2016	<0.1	<0.1	<0.1	<0.1		
9/7/2016					<0.1	
9/8/2016						0.12
11/7/2016	<0.1		<0.1	<0.1		
11/8/2016					<0.1	0.13
11/10/2016		<0.1				
1/9/2017	<0.1		<0.1	<0.1		
1/10/2017					<0.1	0.15
1/11/2017		<0.1				
3/13/2017	<0.1		<0.1	<0.1		
3/14/2017		<0.1				
3/15/2017					<0.1	
3/16/2017						0.16
5/15/2017	<0.1		<0.1	<0.1		0.2
5/16/2017					<0.1	
5/18/2017		<0.1				
10/2/2017	<0.1		<0.1	<0.1		
10/3/2017					<0.1	0.25
10/5/2017		<0.1				
12/20/2017						0.25
3/12/2018	<0.1		<0.1	<0.1		
3/13/2018					<0.1	0.26
3/14/2018		0.12				
6/5/2018	<0.1		<0.1	<0.1		
6/6/2018					<0.1	
6/7/2018						0.28
6/10/2018		<0.1				
10/16/2018	<0.1		<0.1	<0.1		
10/17/2018						0.29
10/18/2018		<0.1			<0.1	
2/27/2019	<0.1	<0.1	<0.1	<0.1		
2/28/2019					<0.1	0.28
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	0.33
11/6/2019	<0.1	<0.1	<0.1	<0.1		
11/11/2019					<0.1	0.26
4/16/2020	<0.1	<0.1	<0.1	<0.1		
4/18/2020					<0.1	0.25

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.1	0.033 (J)	
3/3/2016	0.12	0.035 (J)			0.11
5/2/2016				<0.1	
5/3/2016			<0.1		
5/4/2016	0.19	<0.1			0.07 (J)
7/5/2016			<0.1	<0.1	
7/6/2016	0.15				0.07 (J)
7/7/2016		<0.1			
9/6/2016			<0.1	<0.1	
9/7/2016	0.06 (J)	<0.1			0.06 (J)
11/7/2016		<0.1	<0.1	<0.1	
11/8/2016	0.09 (J)				0.06 (J)
1/9/2017			<0.1	<0.1	
1/10/2017	<0.1	<0.1			0.04 (J)
3/13/2017			<0.1	<0.1	
3/15/2017	<0.1	<0.1			
3/16/2017					0.06 (J)
5/15/2017			<0.1	<0.1	
5/16/2017	0.04 (J)	<0.1			0.09 (J)
10/2/2017			<0.1	<0.1	
10/3/2017	0.07 (J)	<0.1			0.13
12/20/2017					0.1
3/12/2018			<0.1	<0.1	
3/13/2018	<0.1	<0.1			0.1
6/6/2018			<0.1	<0.1	
6/7/2018	<0.1	<0.1			0.14
10/17/2018	0.06 (J)	<0.1	<0.1	<0.1	0.14
2/27/2019			<0.1	<0.1	0.16
2/28/2019	<0.1	<0.1			
5/31/2019	<0.1	<0.1	<0.1	<0.1	0.2
11/6/2019			<0.1	<0.1	
11/11/2019	<0.1	<0.1			0.16
4/16/2020			<0.1	<0.1	
4/18/2020	<0.1	<0.1			0.17

Time Series

Constituent: Lead (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025		
3/3/2016					<0.00025	<0.00025
5/2/2016	<0.00025		<0.00025	<0.00025		
5/4/2016		<0.00025			<0.00025	<0.00025
7/5/2016	<0.00025		<0.00025	<0.00025		
7/6/2016						<0.00025
7/7/2016					<0.00025	
7/8/2016		<0.00025				
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025		
9/7/2016					<0.00025	
9/8/2016						<0.00025
11/7/2016	<0.00025		<0.00025	<0.00025		
11/8/2016					<0.00025	<0.00025
11/10/2016		<0.00025				
1/9/2017	<0.00025		<0.00025	<0.00025		
1/10/2017					<0.00025	<0.00025
1/11/2017		<0.00025				
3/13/2017	<0.00025		<0.00025	<0.00025		
3/14/2017		<0.00025				
3/15/2017					<0.00025	
3/16/2017						<0.00025
5/15/2017	<0.00025		<0.00025	<0.00025		<0.00025
5/16/2017					<0.00025	
5/18/2017		<0.00025				
3/12/2018	<0.00025		<0.00025	<0.00025		
3/13/2018					<0.00025	<0.00025
3/14/2018		<0.00025				
6/5/2018	<0.00025		<0.00025	<0.00025		
6/6/2018					<0.00025	
6/7/2018						<0.00025
6/10/2018		<0.00025				
10/16/2018	<0.00025		<0.00025	<0.00025		
10/18/2018		<0.00025				
2/27/2019	<0.00025	<0.00025	0.001 (J)	<0.00025		
2/28/2019					<0.00025	<0.00025
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025		
11/6/2019	0.0001 (J)	<0.00025	6.6E-05 (J)	8.4E-05 (J)		
4/16/2020	6.6E-05 (J)	<0.00025	<0.00025	<0.00025		
4/18/2020					8.3E-05 (J)	0.00011 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00025	<0.00025	
3/3/2016	<0.00025	<0.00025			<0.00025
5/2/2016				<0.00025	
5/3/2016			<0.00025		
5/4/2016	0.00086 (J)	<0.00025			<0.00025
7/5/2016			<0.00025	<0.00025	
7/6/2016	0.0014				<0.00025
7/7/2016		<0.00025			
9/6/2016			<0.00025	<0.00025	
9/7/2016	0.00056 (J)	<0.00025			<0.00025
11/7/2016		<0.00025	<0.00025	<0.00025	
11/8/2016	0.00047 (J)				<0.00025
1/9/2017			<0.00025	<0.00025	
1/10/2017	0.00041 (J)	<0.00025			<0.00025
3/13/2017			<0.00025	<0.00025	
3/15/2017	<0.00025	<0.00025			
3/16/2017					<0.00025
5/15/2017			<0.00025	<0.00025	
5/16/2017	<0.00025	<0.00025			<0.00025
3/12/2018			<0.00025	<0.00025	
3/13/2018	<0.00025	<0.00025			<0.00025
6/6/2018			<0.00025	<0.00025	
6/7/2018	<0.00025	<0.00025			<0.00025
10/17/2018			<0.00025	<0.00025	
2/27/2019			<0.00025	<0.00025	<0.00025
2/28/2019	<0.00025	<0.00025			
5/31/2019			<0.00025	<0.00025	
11/6/2019			<0.00025	0.0002 (J)	
4/16/2020			<0.00025	0.00016 (J)	
4/18/2020	0.00022 (J)	<0.00025			<0.00025

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.001	<0.001	<0.001	<0.001		
3/3/2016					<0.001	0.037
5/2/2016	<0.001		<0.001	<0.001		
5/4/2016		<0.001			<0.001	0.029
7/5/2016	<0.001		<0.001	<0.001		
7/6/2016						0.024
7/7/2016					<0.001	
7/8/2016		<0.001				
9/6/2016	<0.001	0.0037 (J)	<0.001	<0.001		
9/7/2016					<0.001	
9/8/2016						0.022
11/7/2016	<0.001		<0.001	<0.001		
11/8/2016					<0.001	0.026
11/10/2016		<0.001				
1/9/2017	<0.001		<0.001	<0.001		
1/10/2017					<0.001	0.024
1/11/2017		<0.001				
3/13/2017	<0.001		<0.001	<0.001		
3/14/2017		<0.001				
3/15/2017					<0.001	
3/16/2017						0.029
5/15/2017	<0.001		<0.001	<0.001		0.025
5/16/2017					<0.001	
5/18/2017		<0.001				
3/12/2018	0.0011 (J)		0.0014 (J)	<0.001		
3/13/2018					<0.001	0.03
3/14/2018		<0.001				
6/5/2018	<0.001		0.0012 (J)	<0.001		
6/6/2018					<0.001	
6/7/2018						0.025
6/10/2018		<0.001				
10/16/2018	<0.001		0.0015 (J)	0.0013 (J)		
10/17/2018						0.024
10/18/2018		0.0013 (J)			<0.001	
2/27/2019	<0.001	<0.001	<0.001	<0.001		
2/28/2019					<0.001	0.021
5/31/2019	0.0021 (J)	0.0013 (J)	0.0017 (J)	0.0017 (J)	0.0014 (J)	0.021
11/6/2019	0.0011	0.001	0.0011	<0.001		
11/11/2019					0.00062 (J)	0.023
4/16/2020	0.0006 (J)	<0.001	0.00063 (J)	<0.001		
4/18/2020					0.00062 (J)	0.023

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.001	0.0037	
3/3/2016	<0.001	<0.001			<0.001
5/2/2016				<0.001	
5/3/2016			<0.001		
5/4/2016	<0.001	<0.001			<0.001
7/5/2016			<0.001	<0.001	
7/6/2016	0.0044 (J)				<0.001
7/7/2016		<0.001			
9/6/2016			<0.001	<0.001	
9/7/2016	<0.001	<0.001			<0.001
11/7/2016		<0.001	<0.001	0.0097 (o)	
11/8/2016	<0.001				<0.001
1/9/2017			<0.001	<0.001	
1/10/2017	<0.001	<0.001			<0.001
3/13/2017			<0.001	<0.001	
3/15/2017	<0.001	<0.001			
3/16/2017					<0.001
5/15/2017			<0.001	<0.001	
5/16/2017	<0.001	<0.001			<0.001
3/12/2018			<0.001	<0.001	
3/13/2018	<0.001	<0.001			<0.001
6/6/2018			<0.001	0.0021 (J)	
6/7/2018	0.0012 (J)	0.0014 (J)			0.0011 (J)
10/17/2018	<0.001	<0.001	<0.001	0.0012 (J)	<0.001
2/27/2019			<0.001	0.002 (J)	0.0011 (J)
2/28/2019	<0.001	<0.001			
5/31/2019	0.0023 (J)	<0.001	0.0015 (J)	0.0026 (J)	0.0021 (J)
11/6/2019			0.00063 (J)	0.0012	
11/11/2019	0.0034	0.00054 (J)			0.0013
4/16/2020			<0.001	0.00091 (J)	
4/18/2020	0.0012	0.00047 (J)			<0.001

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002		
3/3/2016					<0.0002	<0.0002
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002		
5/4/2016		<0.0002			<0.0002	<0.0002
7/5/2016	<0.0002		<0.0002	<0.0002		
7/6/2016						<0.0002
7/7/2016					<0.0002	
7/8/2016		<0.0002				
9/6/2016	<0.0002	<0.0002	<0.0002	<0.0002		
9/7/2016					<0.0002	
9/8/2016						<0.0002
11/7/2016	<0.0002		<0.0002	<0.0002		
11/8/2016					<0.0002	<0.0002
11/10/2016		<0.0002				
1/9/2017	<0.0002		<0.0002	<0.0002		
1/10/2017					<0.0002	<0.0002
1/11/2017		<0.0002				
3/13/2017	<0.0002		<0.0002	<0.0002		
3/14/2017		<0.0002				
3/15/2017					<0.0002	
3/16/2017						<0.0002
5/15/2017	<0.0002		<0.0002	<0.0002		<0.0002
5/16/2017					<0.0002	
5/18/2017		<0.0002				
3/12/2018	<0.0002		<0.0002	<0.0002		
3/13/2018					<0.0002	<0.0002
3/14/2018		9.3E-05 (J)				
6/5/2018	<0.0002		<0.0002	<0.0002		
6/6/2018					<0.0002	
6/7/2018						<0.0002
6/10/2018		<0.0002				
10/16/2018	<0.0002		<0.0002	<0.0002		
10/17/2018						<0.0002
10/18/2018		<0.0002			<0.0002	
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002		
2/28/2019					<0.0002	<0.0002
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002		
11/11/2019					<0.0002	<0.0002
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002		
4/18/2020					<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0002	<0.0002	
3/3/2016	8.6E-05 (J)	<0.0002			<0.0002
5/2/2016				<0.0002	
5/3/2016			<0.0002		
5/4/2016	0.00026	<0.0002			<0.0002
7/5/2016			<0.0002	<0.0002	
7/6/2016	0.0012				<0.0002
7/7/2016		<0.0002			
9/6/2016			<0.0002	<0.0002	
9/7/2016	<0.0002	<0.0002			<0.0002
11/7/2016		<0.0002	<0.0002	<0.0002	
11/8/2016	0.00065				<0.0002
1/9/2017			<0.0002	<0.0002	
1/10/2017	<0.0002	<0.0002			<0.0002
3/13/2017			<0.0002	<0.0002	
3/15/2017	<0.0002	<0.0002			
3/16/2017					<0.0002
5/15/2017			<0.0002	<0.0002	
5/16/2017	0.00042	<0.0002			<0.0002
3/12/2018			<0.0002	<0.0002	
3/13/2018	0.00039	<0.0002			<0.0002
6/6/2018			<0.0002	<0.0002	
6/7/2018	0.00033	<0.0002			<0.0002
10/17/2018	0.00041	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2019			<0.0002	<0.0002	<0.0002
2/28/2019	0.00055	<0.0002			
5/31/2019	0.00054	<0.0002	<0.0002	<0.0002	<0.0002
11/6/2019			<0.0002	<0.0002	
11/11/2019	0.0011	<0.0002			<0.0002
4/16/2020			<0.0002	<0.0002	
4/18/2020	0.00082	<0.0002			<0.0002

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.003	<0.003	<0.003	<0.003		
3/3/2016					<0.003	0.99
5/2/2016	<0.003		<0.003	<0.003		
5/4/2016		<0.003			<0.003	0.99
7/5/2016	<0.003		<0.003	<0.003		
7/6/2016						1.9
7/7/2016					<0.003	
7/8/2016		<0.003				
9/6/2016	<0.003	<0.003	<0.003	<0.003		
9/7/2016					<0.003	
9/8/2016						2.4
11/7/2016	<0.003		<0.003	<0.003		
11/8/2016					<0.003	2.2
11/10/2016		<0.003				
1/9/2017	<0.003		<0.003	<0.003		
1/10/2017					<0.003	2.1
1/11/2017		<0.003				
3/13/2017	0.0042 (J)		<0.003	0.0022 (J)		
3/14/2017		<0.003				
3/15/2017					<0.003	
3/16/2017						1.6
5/15/2017	<0.003		<0.003	<0.003		1.2
5/16/2017					<0.003	
5/18/2017		<0.003				
3/12/2018	<0.003		<0.003	<0.003		
3/13/2018					<0.003	1
3/14/2018		<0.003				
6/5/2018	<0.003		0.00088 (J)	<0.003		
6/6/2018					<0.003	
6/7/2018						1.1
6/10/2018		<0.003				
10/16/2018	<0.003		<0.003	<0.003		
10/17/2018						1.1
10/18/2018		<0.003			<0.003	
2/27/2019	<0.003	<0.003	<0.003	<0.003		
2/28/2019					<0.003	0.77
5/31/2019	<0.003	<0.003	<0.003	<0.003	<0.003	0.64
11/6/2019	<0.003	<0.003	<0.003	<0.003		
11/11/2019					<0.003	0.85
4/16/2020	<0.003	<0.003	<0.003	<0.003		
4/18/2020					<0.003	0.81

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.003	<0.003	
3/3/2016	<0.003	<0.003			<0.003
5/2/2016				<0.003	
5/3/2016			<0.003		
5/4/2016	<0.003	<0.003			<0.003
7/5/2016			<0.003	<0.003	
7/6/2016	0.0018 (J)				<0.003
7/7/2016		<0.003			
9/6/2016			<0.003	<0.003	
9/7/2016	0.0029 (J)	<0.003			<0.003
11/7/2016		<0.003	<0.003	<0.003	
11/8/2016	<0.003				<0.003
1/9/2017			<0.003	<0.003	
1/10/2017	<0.003	<0.003			<0.003
3/13/2017			<0.003	<0.003	
3/15/2017	<0.003	<0.003			
3/16/2017					<0.003
5/15/2017			<0.003	<0.003	
5/16/2017	<0.003	<0.003			<0.003
3/12/2018			<0.003	<0.003	
3/13/2018	0.0033 (J)	<0.003			<0.003
6/6/2018			<0.003	<0.003	
6/7/2018	0.0065 (J)	0.0016 (J)			0.00098 (J)
10/17/2018	0.0043 (J)	<0.003	<0.003	<0.003	<0.003
2/27/2019			<0.003	<0.003	<0.003
2/28/2019	0.0028 (J)	<0.003			
5/31/2019	<0.003	<0.003	<0.003	<0.003	<0.003
11/6/2019			<0.003	<0.003	
11/11/2019	0.0056 (J)	<0.003			<0.003
4/16/2020			<0.003	<0.003	
4/18/2020	<0.003	<0.003			<0.003

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025		
3/3/2016					<0.00025	0.008
5/2/2016	<0.00025		<0.00025	0.00025 (J)		
5/4/2016		<0.00025			<0.00025	0.0068
7/5/2016	<0.00025		<0.00025	<0.00025		
7/6/2016						0.0061
7/7/2016					<0.00025	
7/8/2016		<0.00025				
9/6/2016	0.00049 (J)	<0.00025	<0.00025	0.00027 (J)		
9/7/2016					<0.00025	
9/8/2016						0.0065
11/7/2016	<0.00025		<0.00025	<0.00025		
11/8/2016					<0.00025	0.0046
11/10/2016		<0.00025				
1/9/2017	<0.00025		<0.00025	<0.00025		
1/10/2017					<0.00025	0.0045
1/11/2017		0.00049 (J)				
3/13/2017	0.0023		<0.00025	0.0025		
3/14/2017		<0.00025				
3/15/2017					<0.00025	
3/16/2017						0.0079
5/15/2017	<0.00025		<0.00025	<0.00025		0.0064
5/16/2017					<0.00025	
5/18/2017		<0.00025				
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)		
3/13/2018					<0.00025	0.0037
3/14/2018		0.00067 (J)				
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)		
6/6/2018					<0.00025	
6/7/2018						0.0054
6/10/2018		0.00028 (J)				
10/16/2018	<0.00025		<0.00025	<0.00025		
10/17/2018						0.0026
10/18/2018		<0.00025			<0.00025	
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025		
2/28/2019					<0.00025	0.002
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	0.0041
11/6/2019	<0.00025	<0.00025	<0.00025	0.00034		
11/11/2019					<0.00025	0.0031
4/16/2020	<0.00025	<0.00025	<0.00025	0.0004		
4/18/2020					<0.00025	0.0035

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00025	<0.00025	
3/3/2016	0.0041 (J)	<0.00025			0.0051 (J)
5/2/2016				<0.00025	
5/3/2016			<0.00025		
5/4/2016	0.008	<0.00025			0.0049
7/5/2016			<0.00025	<0.00025	
7/6/2016	0.0056				0.0066
7/7/2016		<0.00025			
9/6/2016			<0.00025	<0.00025	
9/7/2016	0.0045	<0.00025			0.0073
11/7/2016		<0.00025	<0.00025	<0.00025	
11/8/2016	0.0055				0.0058
1/9/2017			<0.00025	<0.00025	
1/10/2017	0.0056	<0.00025			0.0058
3/13/2017			<0.00025	<0.00025	
3/15/2017	0.0088	<0.00025			
3/16/2017					0.006
5/15/2017			<0.00025	<0.00025	
5/16/2017	0.0029	<0.00025			0.0058
3/12/2018			0.00026 (J)	<0.00025	
3/13/2018	0.0065	<0.00025			0.0048
6/6/2018			0.00025 (J)	0.00026 (J)	
6/7/2018	0.0047	<0.00025			0.0061
10/17/2018	0.05 (o)	<0.00025	<0.00025	<0.00025	0.0023
2/27/2019			<0.00025	<0.00025	0.0033
2/28/2019	0.0011 (J)	<0.00025			
5/31/2019	0.0045	<0.00025	<0.00025	<0.00025	0.0031
11/6/2019			<0.00025	<0.00025	
11/11/2019	0.0067	0.00027			0.002
4/16/2020			<0.00025	<0.00025	
4/18/2020	0.0066	<0.00025			0.0021

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<5	<5	<5	1.6 (J)		
3/3/2016					<5	180
5/2/2016	15 (o)		<5	2.1 (J)		
5/4/2016		<5			<5	200
7/5/2016	<5		<5	2 (J)		
7/6/2016						150
7/7/2016					<5	
7/8/2016		<5				
9/6/2016	<5	<5	<5	1.8 (J)		
9/7/2016					<5	
9/8/2016						160
11/7/2016	<5		<5	1.7 (J)		
11/8/2016					<5	230
11/10/2016		<5				
1/9/2017	<5		2.6 (J)	1.5 (J)		
1/10/2017					<5	190
1/11/2017		<5				
3/13/2017	2.5 (J)		<5	2.2 (J)		
3/14/2017		<5				
3/15/2017					<5	
3/16/2017						190
5/15/2017	<5		<5	1.9 (J)		190
5/16/2017					<5	
5/18/2017		<5 (X)				
10/2/2017	<5		<5	3.4 (J)		
10/3/2017					<5	130
10/5/2017		<5				
12/20/2017						85
3/12/2018	<5		<5	2.6 (J)		
3/13/2018					<5	160
3/14/2018		<5				
6/5/2018	<5		<5	2.6 (J)		
6/6/2018					<5	
6/7/2018						280
6/10/2018		1.5 (J)				
10/16/2018	<5		<5	2.8 (J)		
10/17/2018						250
10/18/2018		<5			<5	
2/27/2019	<5	1.9 (J)	<5	2.4 (J)		
2/28/2019					<5	140
5/31/2019	<5	<5	<5	3.3 (J)	<5	140
11/6/2019	<5	<5	<5	3.7 (J)		
11/11/2019					<5	230
4/16/2020	<5	<5	<5	1.7 (J)		
4/18/2020					<5	260

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<5	<5	
3/3/2016	550	<5			230
5/2/2016				<5	
5/3/2016			<5		
5/4/2016	520	<5			280
7/5/2016			<5	<5	
7/6/2016	510				270
7/7/2016		<5			
9/6/2016			<5	3.7 (J)	
9/7/2016	340	<5			280
11/7/2016		<5	<5	<5	
11/8/2016	630				280
1/9/2017			<5	<5	
1/10/2017	580	<5			240
3/13/2017			<5	<5	
3/15/2017	250	<5			
3/16/2017					220
5/15/2017			<5	<5	
5/16/2017	410	<5			200
10/2/2017			1.5 (J)	1.7 (J)	
10/3/2017	440	<5			180
12/20/2017	400				170
3/12/2018			<5	<5	
3/13/2018	460	1.5 (J)			210
6/6/2018			<5	<5	
6/7/2018	420	<5			210
10/17/2018	320	<5	<5	<5	140
2/27/2019			<5	<5	150
2/28/2019	490	2.6 (J)			
5/31/2019	500	12	<5	<5	210
11/6/2019			<5	<5	
11/11/2019	340	5.5			170
4/16/2020			<5	<5	
4/18/2020	600	<5			120

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0001	<0.0001	<0.0001	<0.0001		
3/3/2016					<0.0001	0.00023 (J)
5/2/2016	<0.0001		<0.0001	<0.0001		
5/4/2016		<0.0001			<0.0001	0.00021 (J)
7/5/2016	<0.0001		<0.0001	<0.0001		
7/6/2016						0.00016 (J)
7/7/2016					<0.0001	
7/8/2016		<0.0001				
9/6/2016	<0.0001	<0.0001	<0.0001	<0.0001		
9/7/2016					<0.0001	
9/8/2016						0.00015 (J)
11/7/2016	<0.0001		<0.0001	<0.0001		
11/8/2016					<0.0001	0.00017 (J)
11/10/2016		<0.0001				
1/9/2017	<0.0001		<0.0001	<0.0001		
1/10/2017					<0.0001	0.00018 (J)
1/11/2017		<0.0001				
3/13/2017	<0.0001		<0.0001	<0.0001		
3/14/2017		<0.0001				
3/15/2017					<0.0001	
3/16/2017						0.00024 (J)
5/15/2017	<0.0001		<0.0001	<0.0001		0.00022 (J)
5/16/2017					<0.0001	
5/18/2017		<0.0001				
3/12/2018	<0.0001		<0.0001	<0.0001		
3/13/2018					<0.0001	0.00022 (J)
3/14/2018		<0.0001				
6/5/2018	<0.0001		<0.0001	<0.0001		
6/6/2018					<0.0001	
6/7/2018						0.00022 (J)
6/10/2018		<0.0001				
10/16/2018	<0.0001		<0.0001	<0.0001		
10/17/2018						0.00019 (J)
10/18/2018		<0.0001			<0.0001	
2/27/2019	<0.0001	<0.0001	<0.0001	<0.0001		
2/28/2019					<0.0001	0.00018 (J)
5/31/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
11/6/2019	<0.0001	<0.0001	<0.0001	<0.0001		
11/11/2019					<0.0001	0.00023 (J)
4/16/2020	<0.0001	<0.0001	<0.0001	<0.0001		
4/18/2020					<0.0001	0.00027

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0001	<0.0001	
3/3/2016	0.00015 (J)	<0.0001			0.00023 (J)
5/2/2016				<0.0001	
5/3/2016			<0.0001		
5/4/2016	0.00021 (J)	<0.0001			0.00026 (J)
7/5/2016			<0.0001	<0.0001	
7/6/2016	0.00022 (J)				0.00032 (J)
7/7/2016		<0.0001			
9/6/2016			<0.0001	<0.0001	
9/7/2016	0.0001 (J)	<0.0001			0.00036 (J)
11/7/2016		<0.0001	<0.0001	<0.0001	
11/8/2016	0.00014 (J)				0.00032 (J)
1/9/2017			<0.0001	<0.0001	
1/10/2017	0.00018 (J)	<0.0001			0.00033 (J)
3/13/2017			<0.0001	<0.0001	
3/15/2017	<0.0001	<0.0001			
3/16/2017					0.00029 (J)
5/15/2017			<0.0001	<0.0001	
5/16/2017	9.5E-05 (J)	<0.0001			0.00027 (J)
3/12/2018			<0.0001	<0.0001	
3/13/2018	0.00017 (J)	<0.0001			0.00028 (J)
6/6/2018			<0.0001	<0.0001	
6/7/2018	0.00017 (J)	<0.0001			0.00026 (J)
10/17/2018	0.00011 (J)	<0.0001	<0.0001	<0.0001	0.00022 (J)
2/27/2019			<0.0001	<0.0001	0.00022 (J)
2/28/2019	0.00016 (J)	<0.0001			
5/31/2019	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
11/6/2019			<0.0001	<0.0001	
11/11/2019	0.00029 (J)	<0.0001			0.00023 (J)
4/16/2020			<0.0001	<0.0001	
4/18/2020	0.00026	<0.0001			0.00016

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	20	20	<5	12		
3/3/2016					18	420
5/2/2016	<5		<5	6		
5/4/2016		6			28	450
7/5/2016	12		14	<5		
7/6/2016						280
7/7/2016					<5	
7/8/2016		6				
9/6/2016	36	36	30	38		
9/7/2016					8	
9/8/2016						410
11/7/2016	18		8	<5		
11/8/2016					24	580
11/10/2016		16				
1/9/2017	4 (J)		<5	14		
1/10/2017					30	530
1/11/2017		38				
3/13/2017	6		<5	8		
3/14/2017		<5				
3/15/2017					32	
3/16/2017						650
5/15/2017	<5		<5	<5		500
5/16/2017					<5	
5/18/2017		10				
10/2/2017	<5		<5	6		
10/3/2017					34	310
10/5/2017		<5				
12/20/2017						150
3/12/2018	18		14	<5		
3/13/2018					26	450
3/14/2018		8				
6/5/2018	10		<5	14		
6/6/2018					64	
6/7/2018						620
6/10/2018		8				
10/16/2018	32		12	6		
10/17/2018						700
10/18/2018		28			12	
2/27/2019	110	68	54	110		
2/28/2019					20	330
5/31/2019	46	<5	8	26	36	300
11/6/2019	<5	10	4 (J)	<5		
11/11/2019					66	390
4/16/2020	28	44	18	8		
4/18/2020					62	520

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/25/2020 9:22 AM View: 300 Series

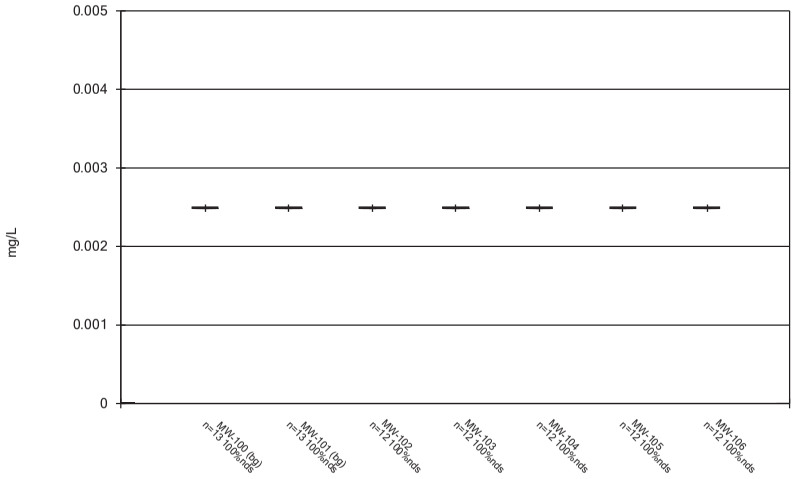
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			10	<5	
3/3/2016	1100	18			490
5/2/2016				36	
5/3/2016			<5		
5/4/2016	1200	38			690
7/5/2016			<5	<5	
7/6/2016	870				500
7/7/2016		<5			
9/6/2016			36	44	
9/7/2016	650	14			590
11/7/2016		32	<5	30	
11/8/2016	1100				530
1/9/2017			<5	12	
1/10/2017	1300	32			510
3/13/2017			22	20	
3/15/2017	500	20			
3/16/2017					420
5/15/2017			6	4 (J)	
5/16/2017	850	18			430
10/2/2017			16	24	
10/3/2017	760	36			320
12/20/2017	830				410
3/12/2018			<5	<5	
3/13/2018	880	12			590
6/6/2018			20	16	
6/7/2018	670	<5			530
10/17/2018	770	68	44	44	390
2/27/2019			20	28	420
2/28/2019	880	28			
5/31/2019	1200	50	32	18	620
11/6/2019			24	20	
11/11/2019	370	38			410
4/16/2020			6	8	
4/18/2020	1000	36			280

Box Plots - 100, 200 & 300 Series

100 Series

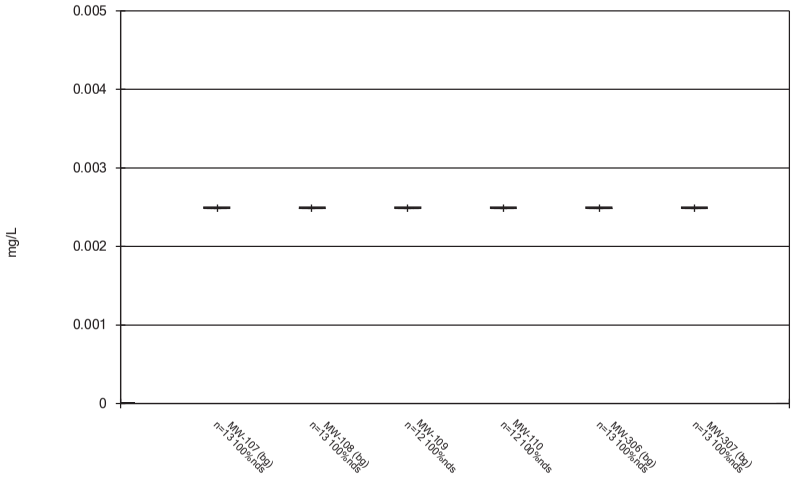
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

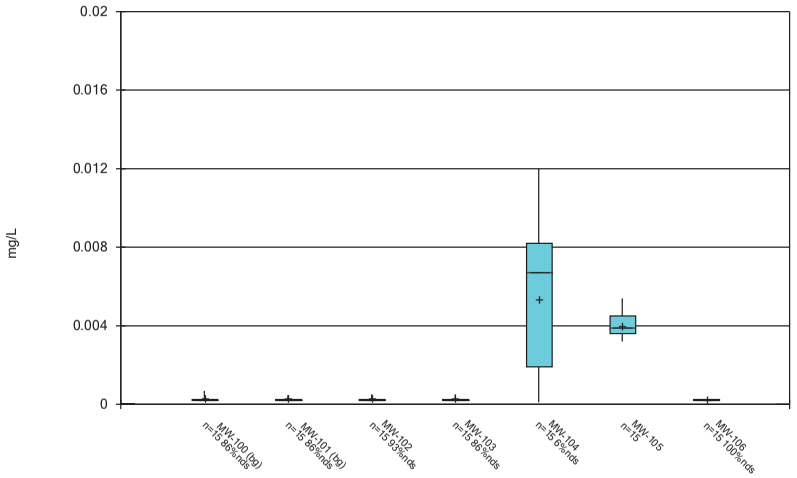
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

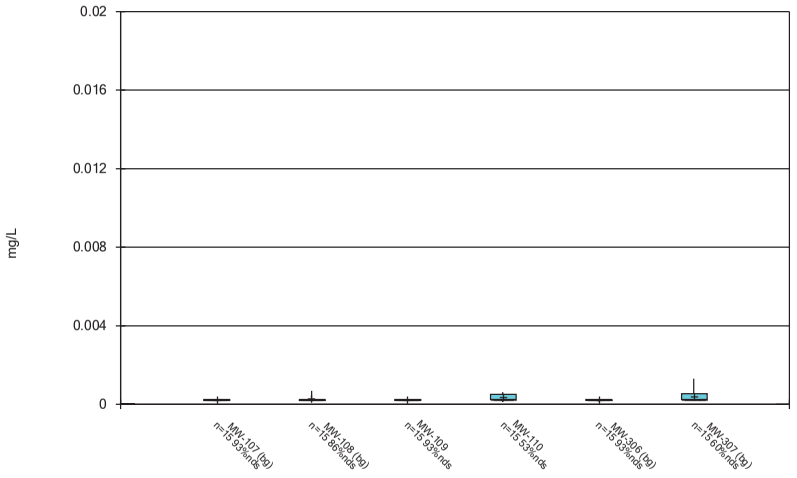
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

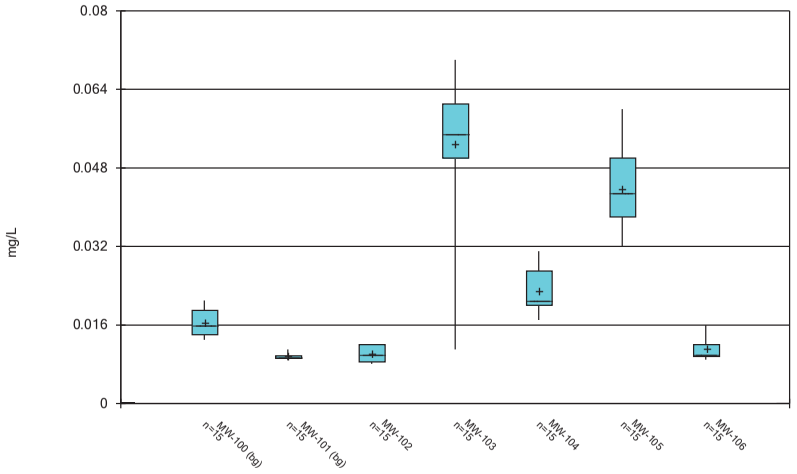
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

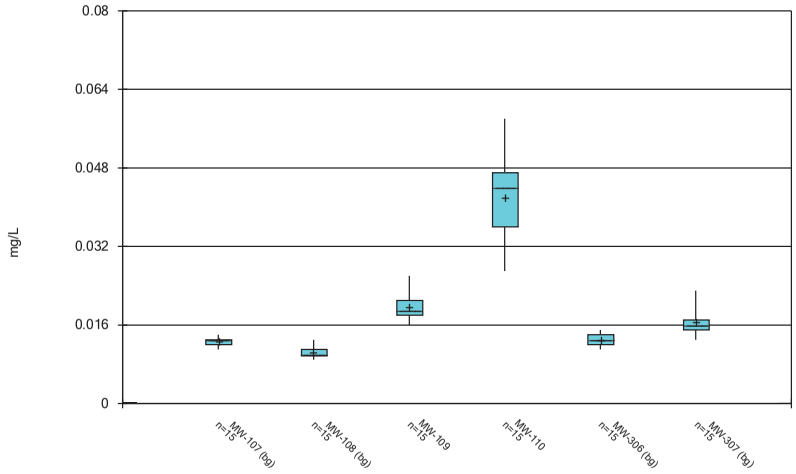
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

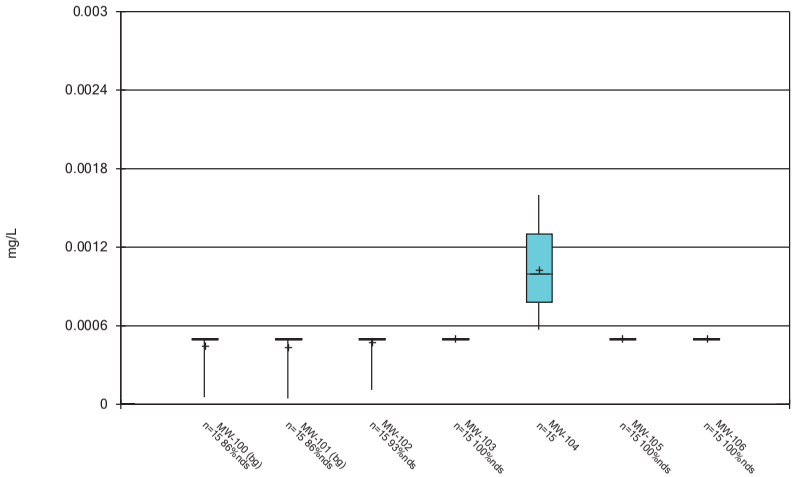
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

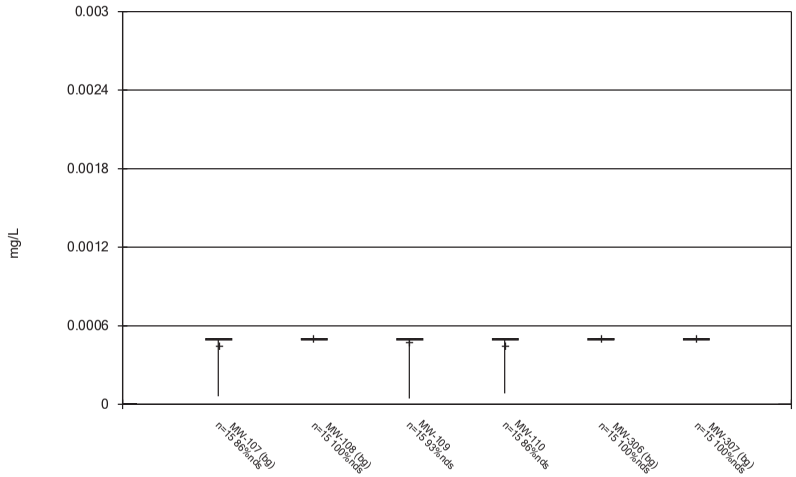
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

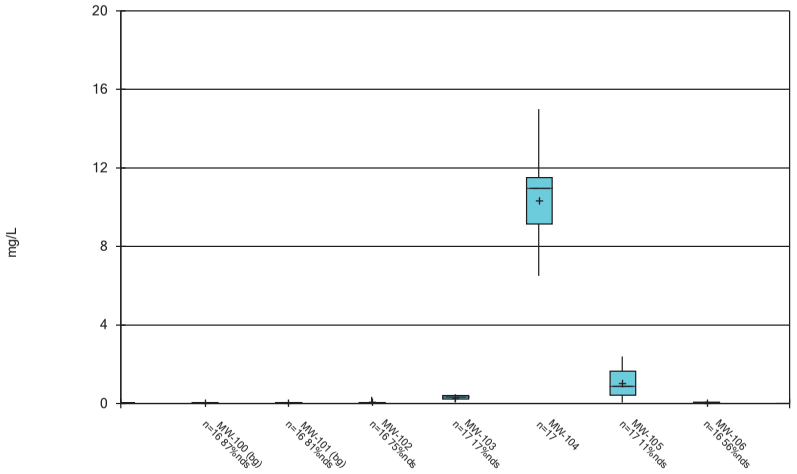
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

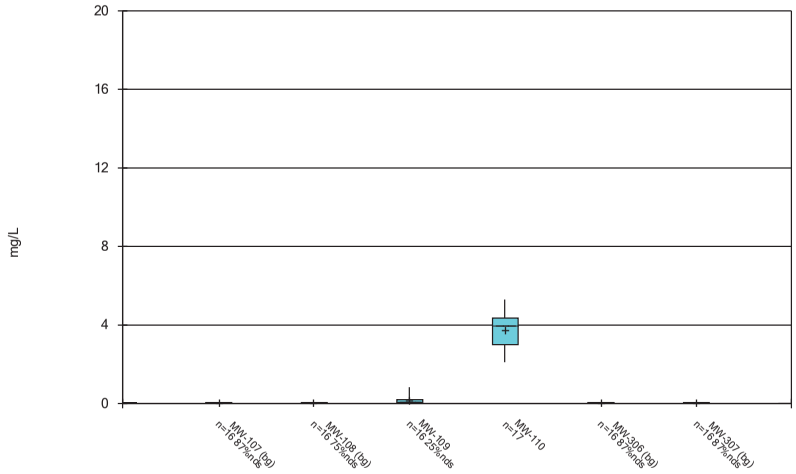
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

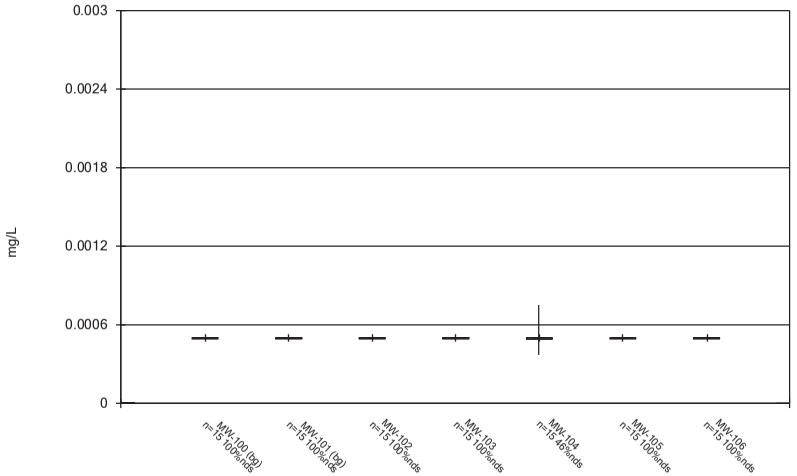
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

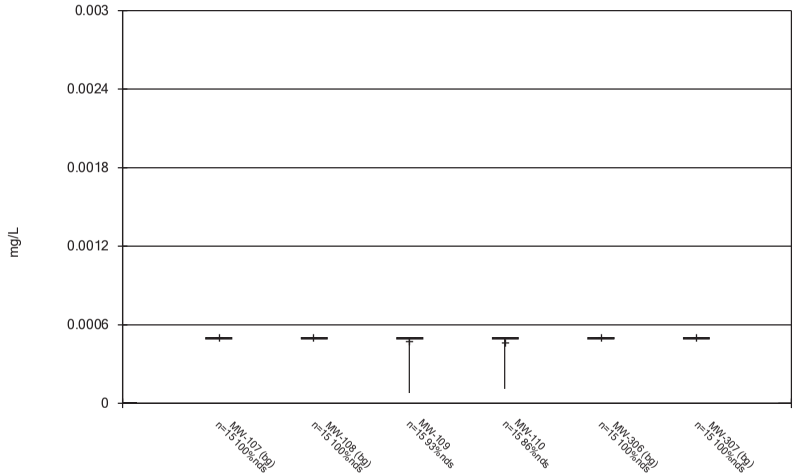
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

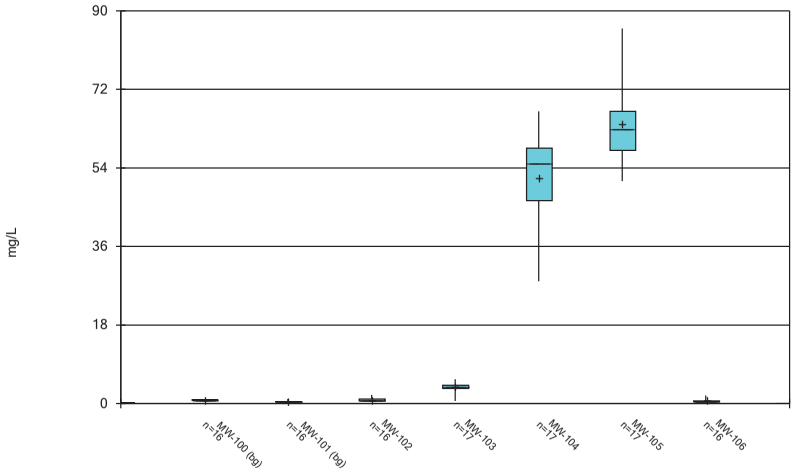
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

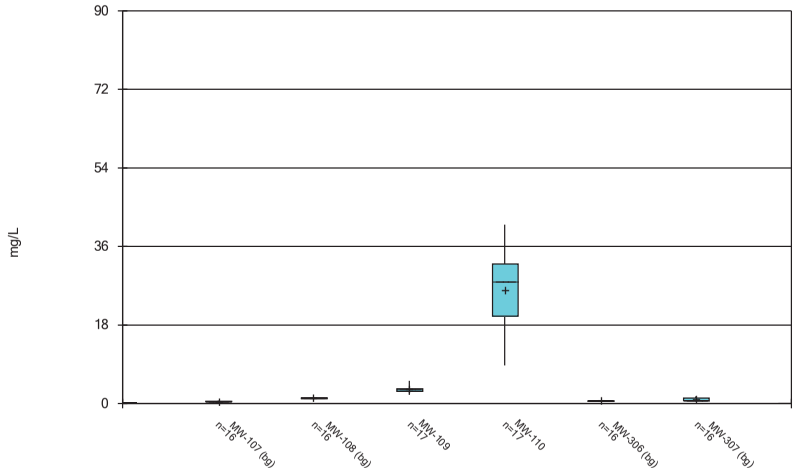
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

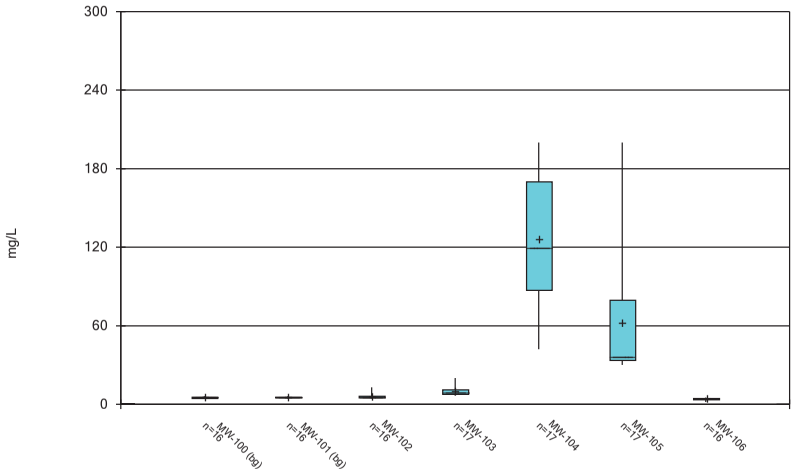
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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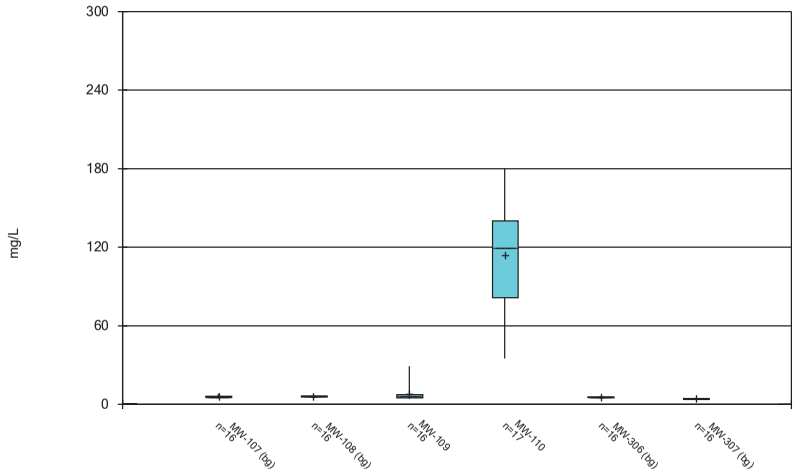
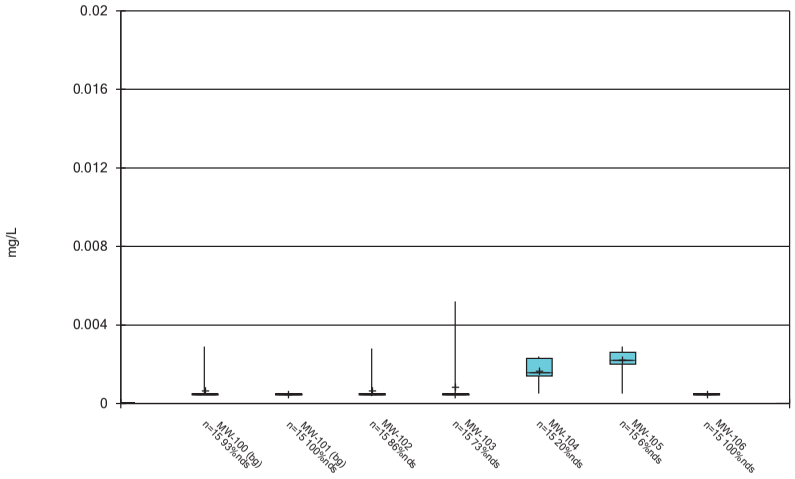
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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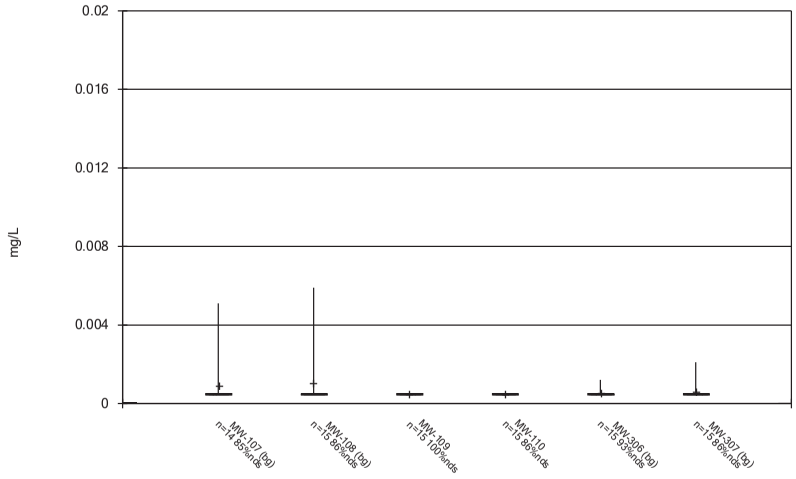
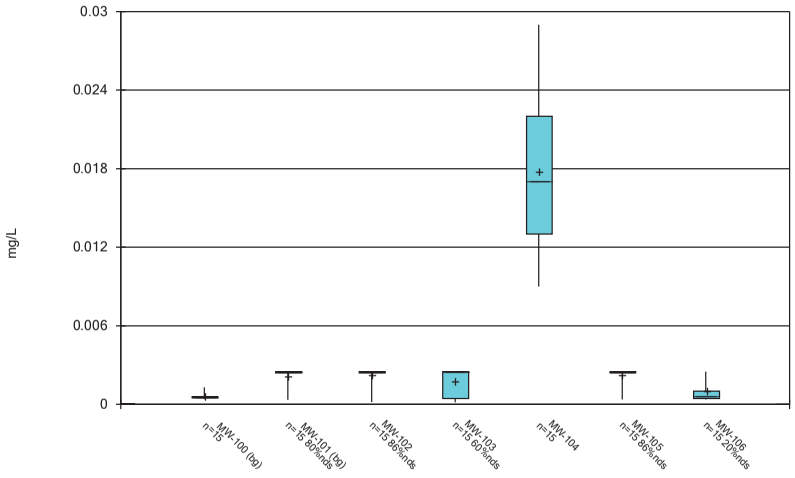
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

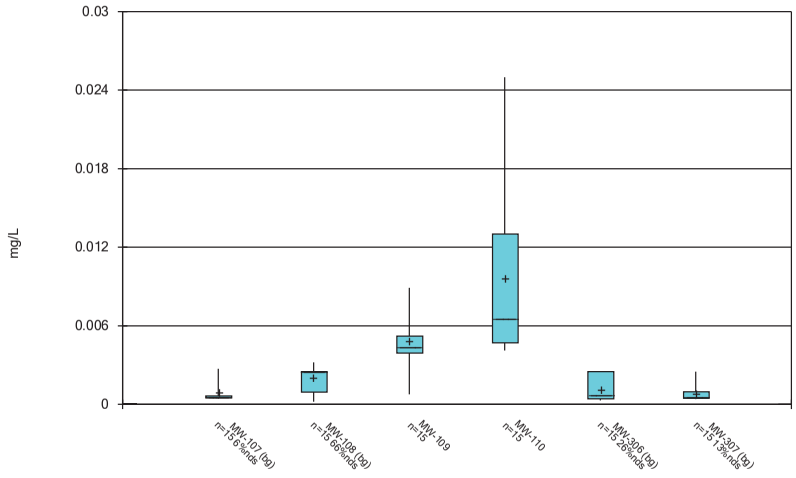
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

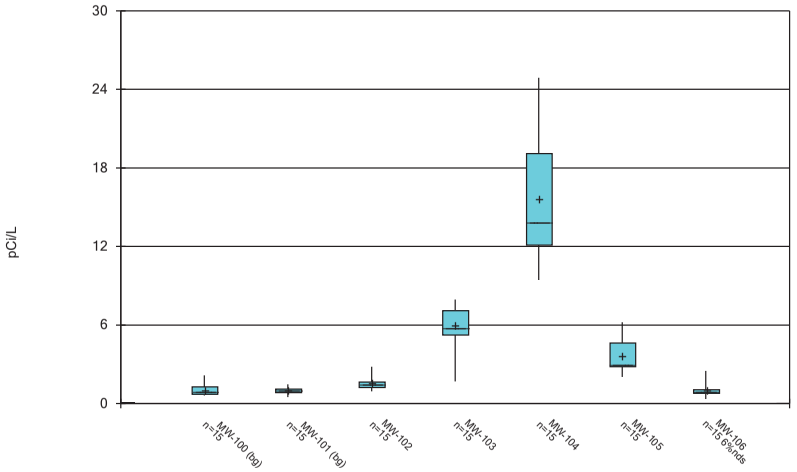
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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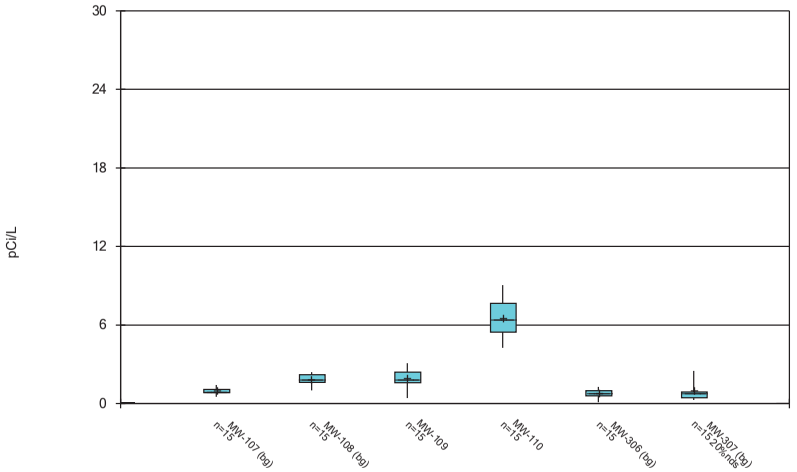
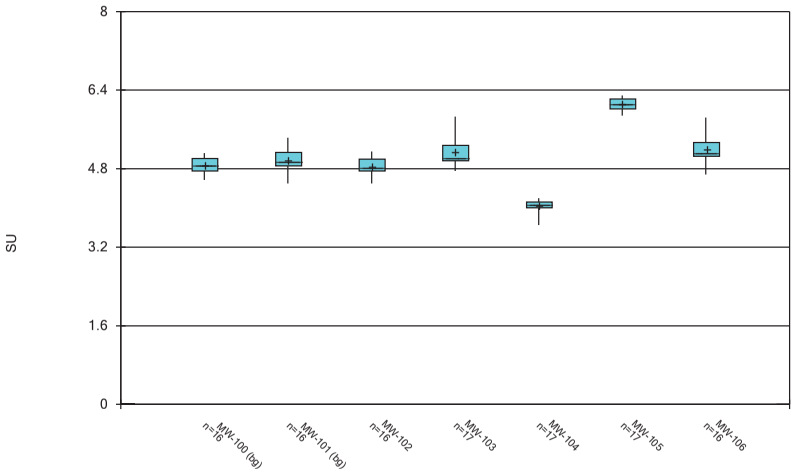
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

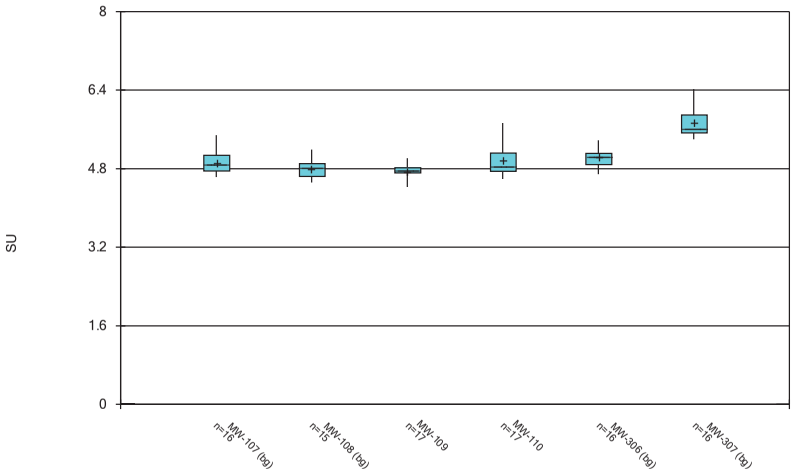
Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

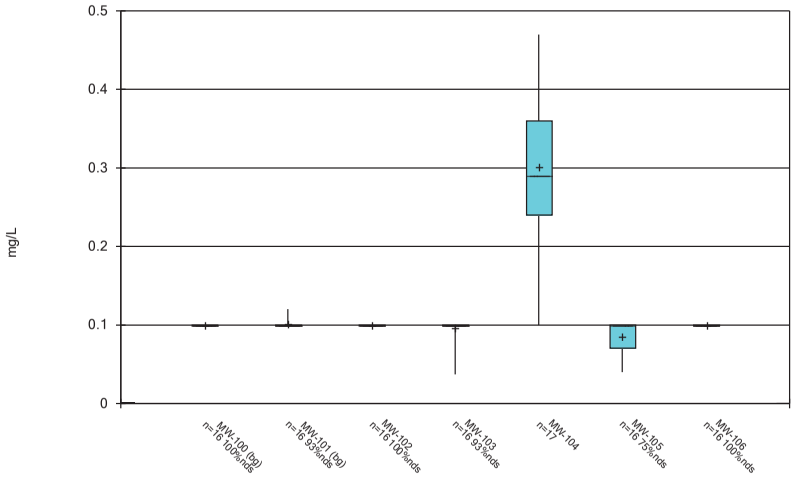
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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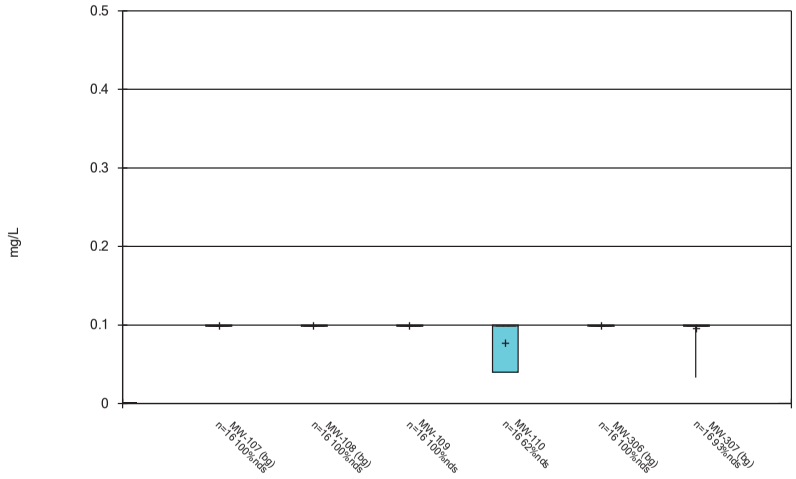
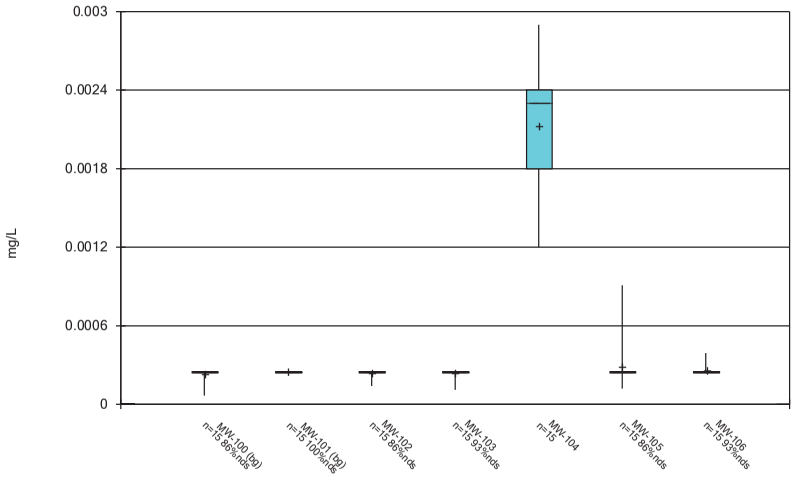
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

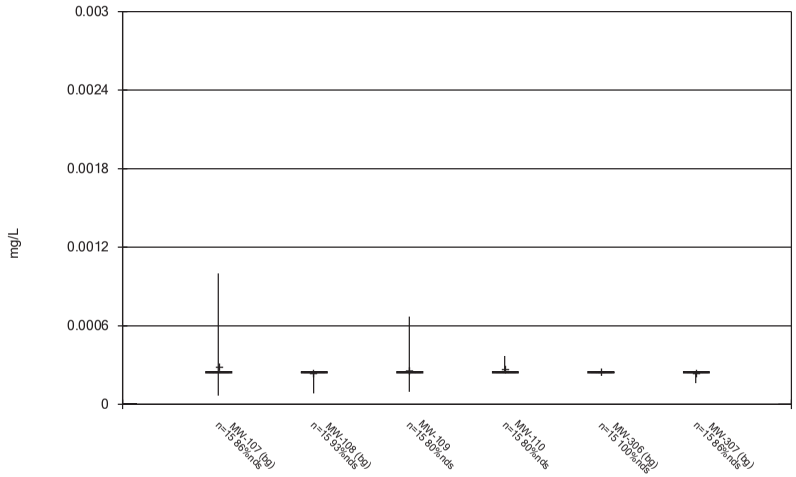
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

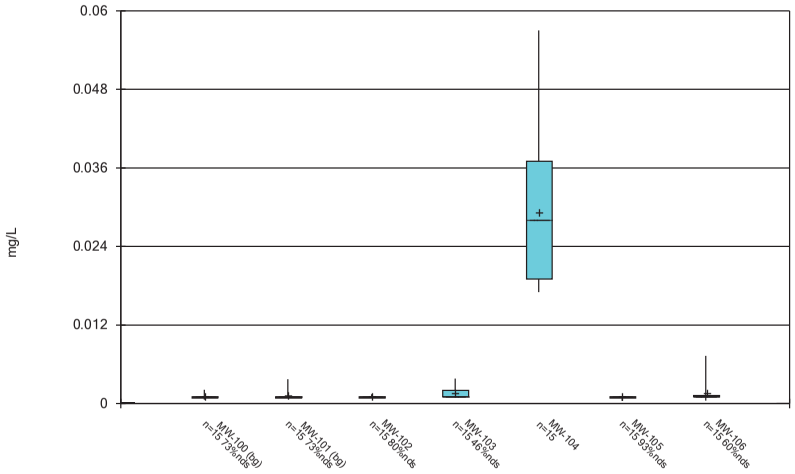
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lead Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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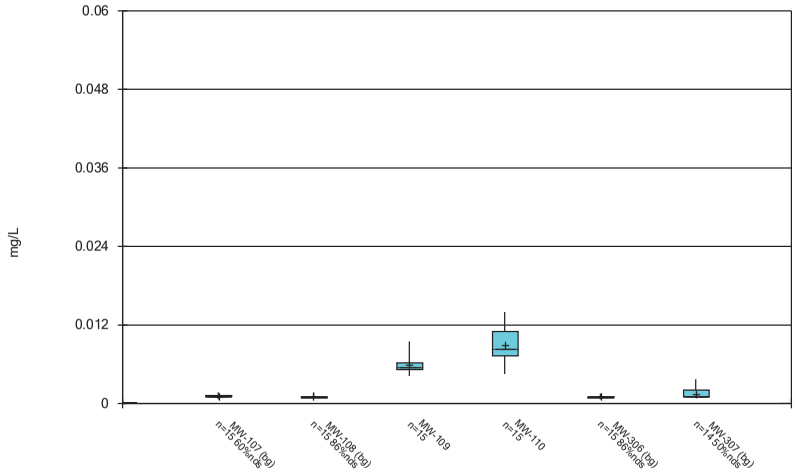
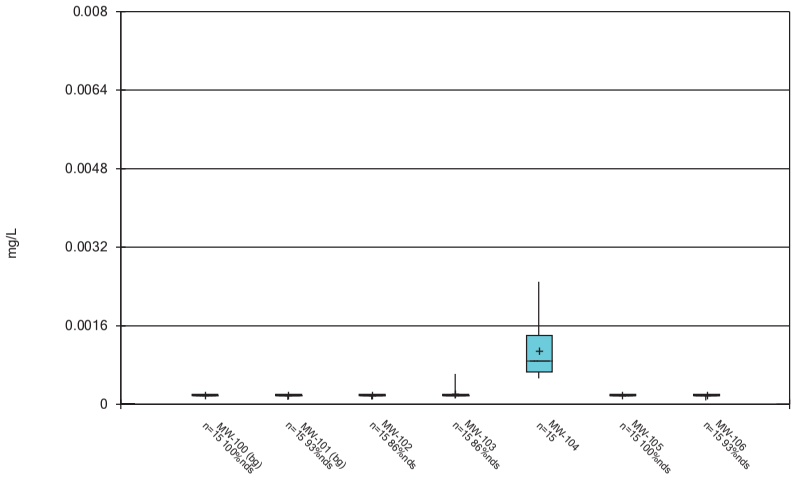
Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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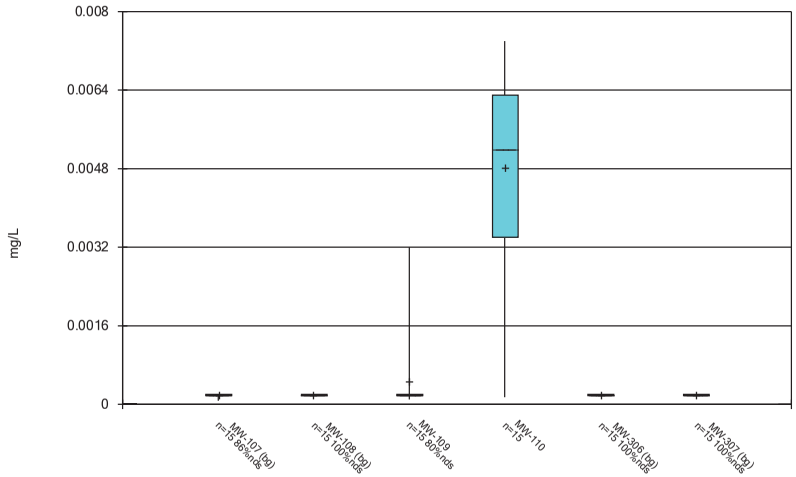
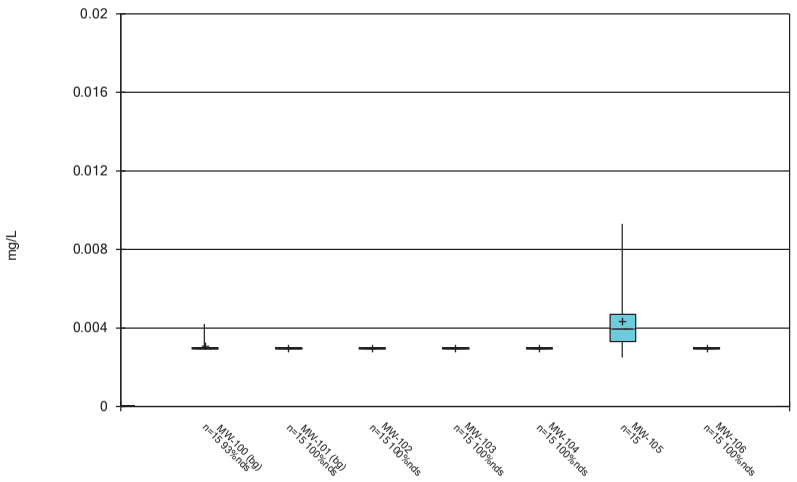
Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

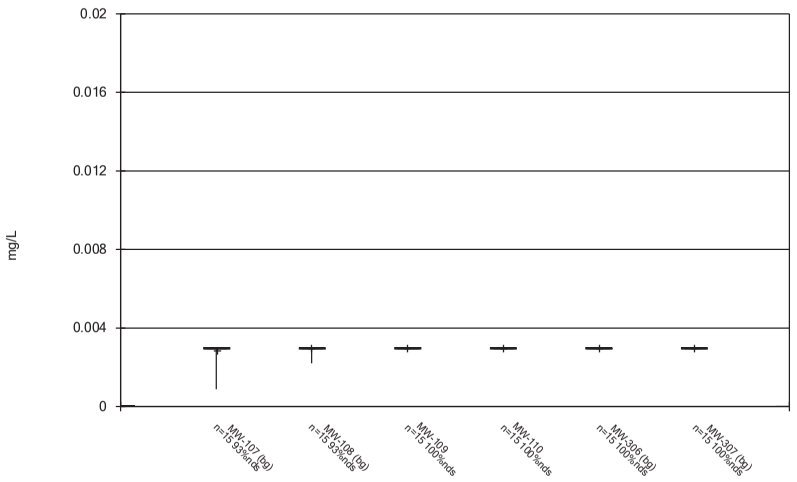
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

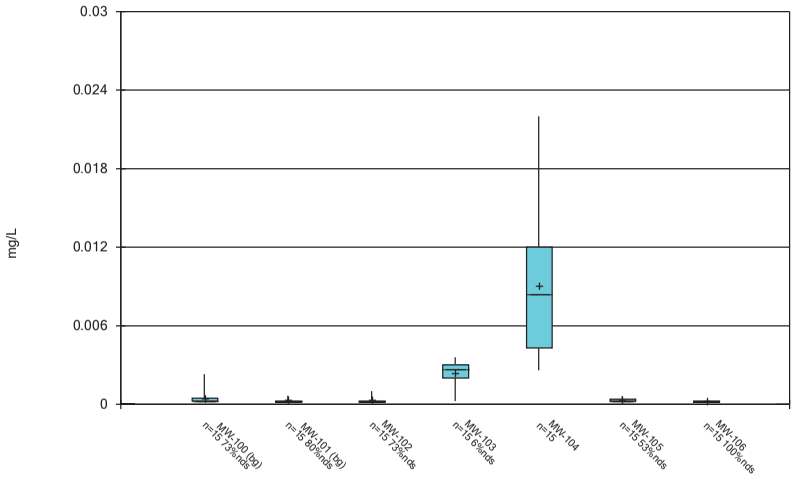
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

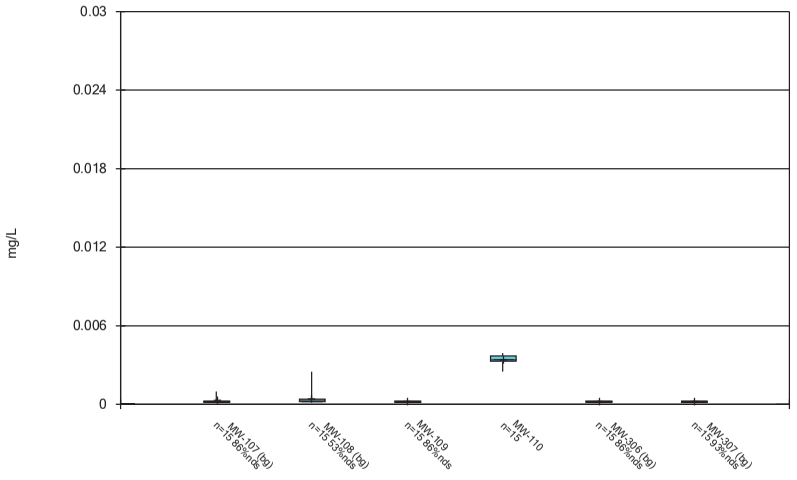
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

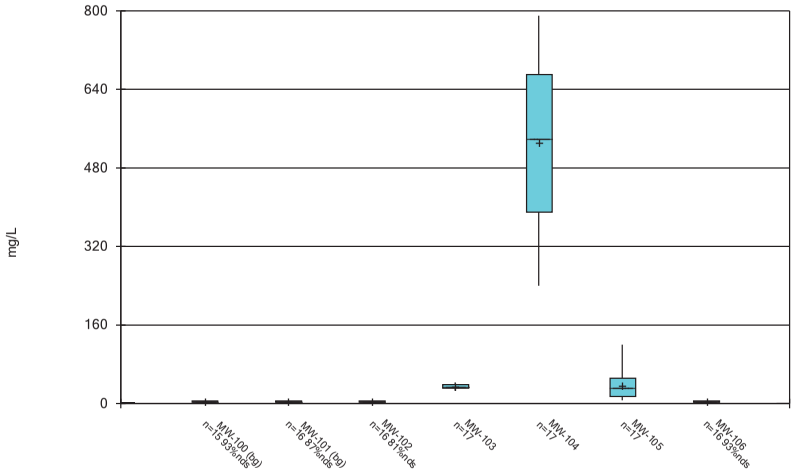
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

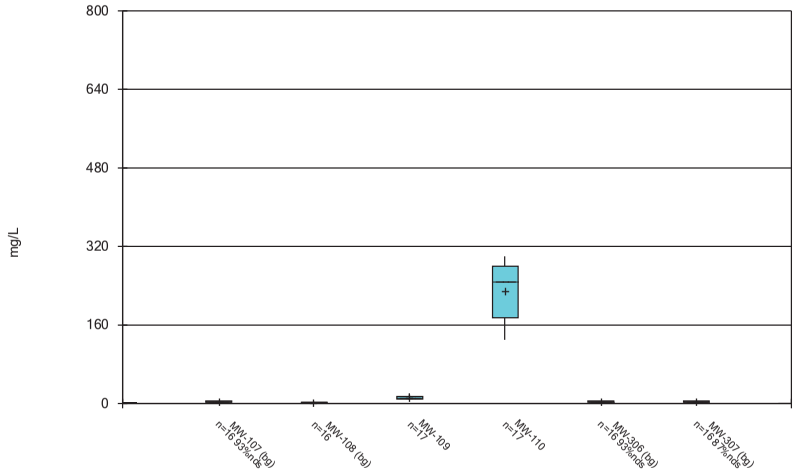
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

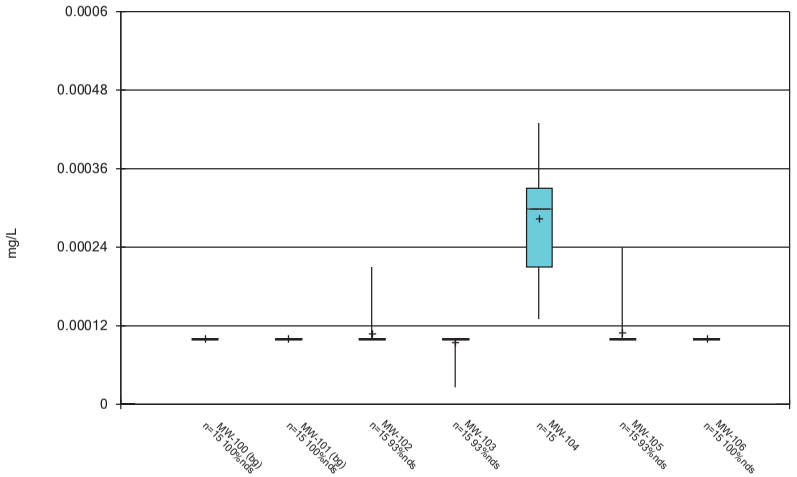
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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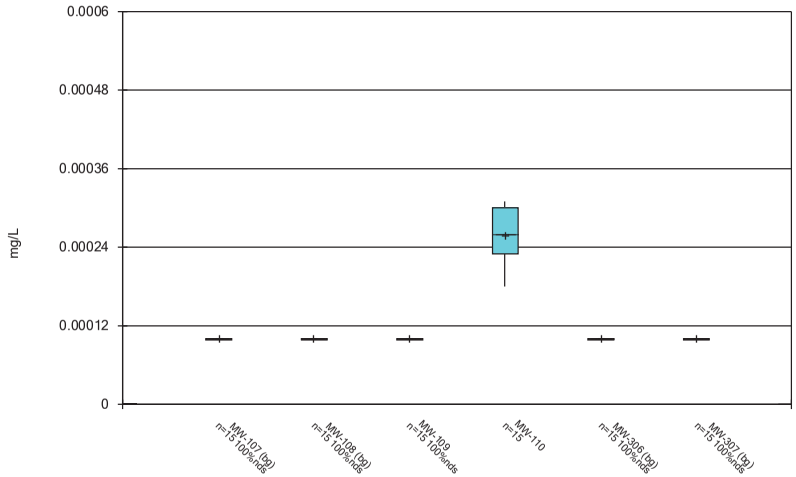
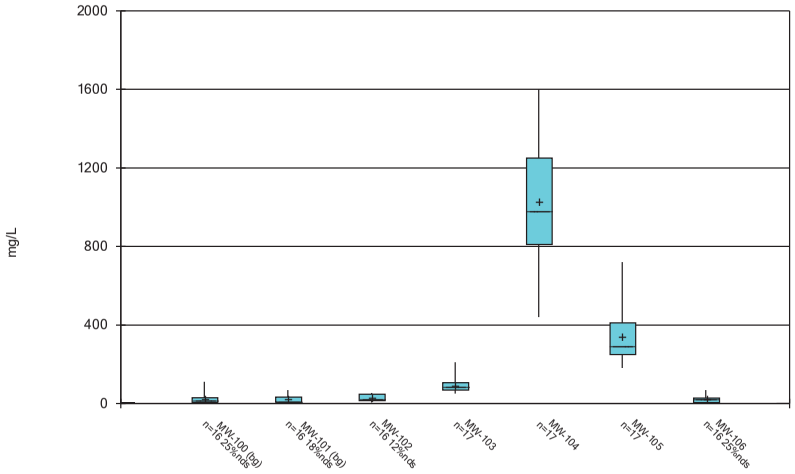
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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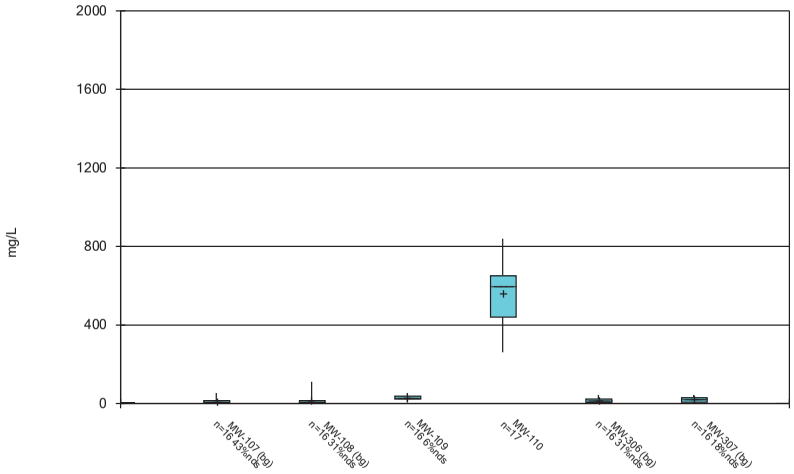
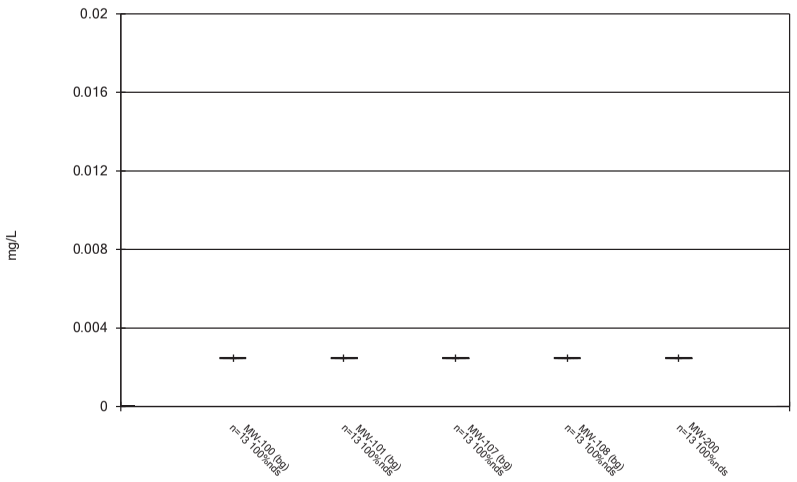
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:24 PM View: 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

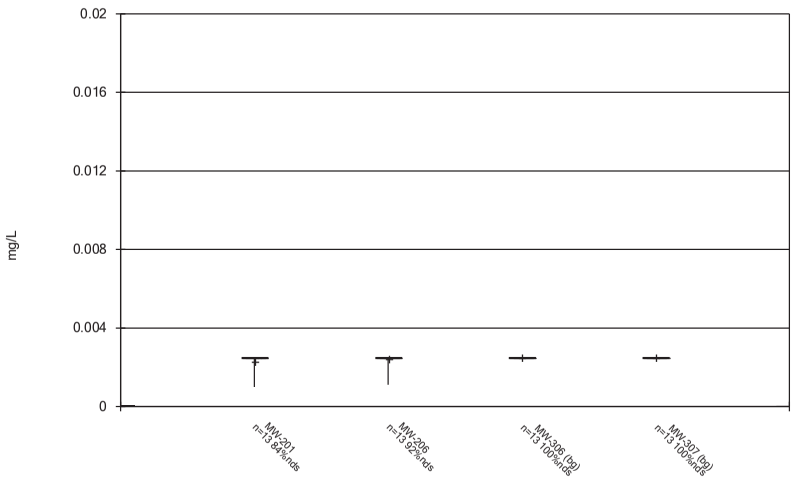
200 Series

Box & Whiskers Plot



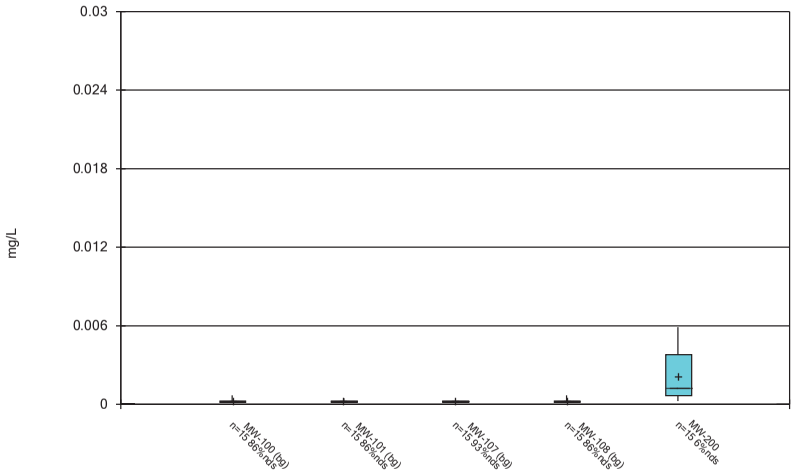
Constituent: Antimony Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



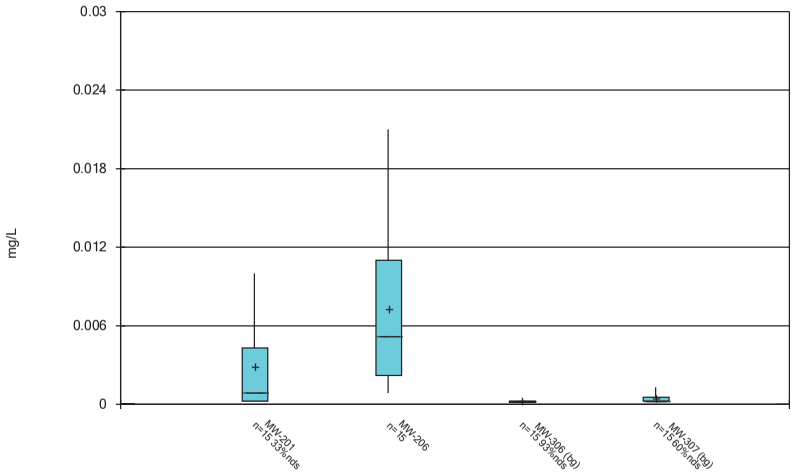
Constituent: Antimony Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



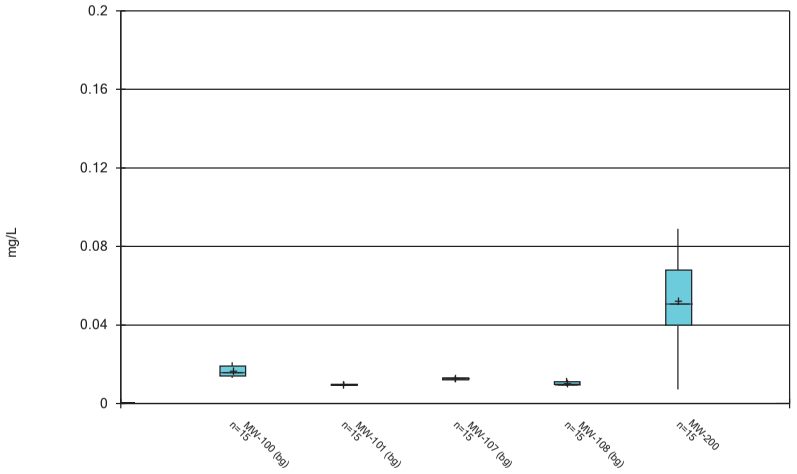
Constituent: Arsenic Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Barium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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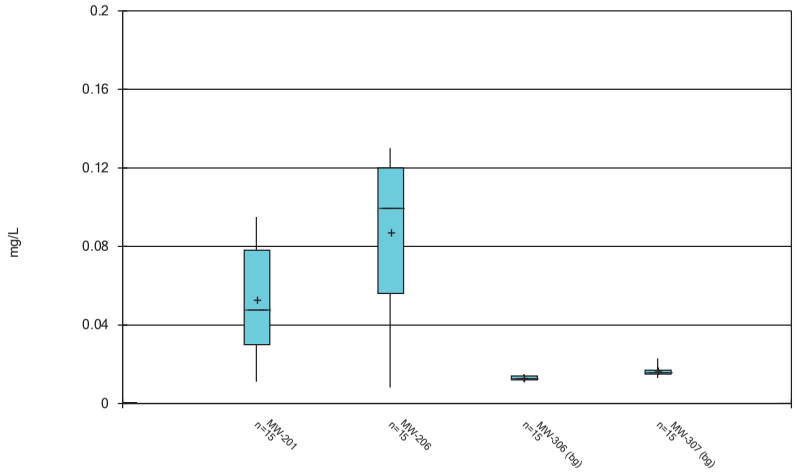
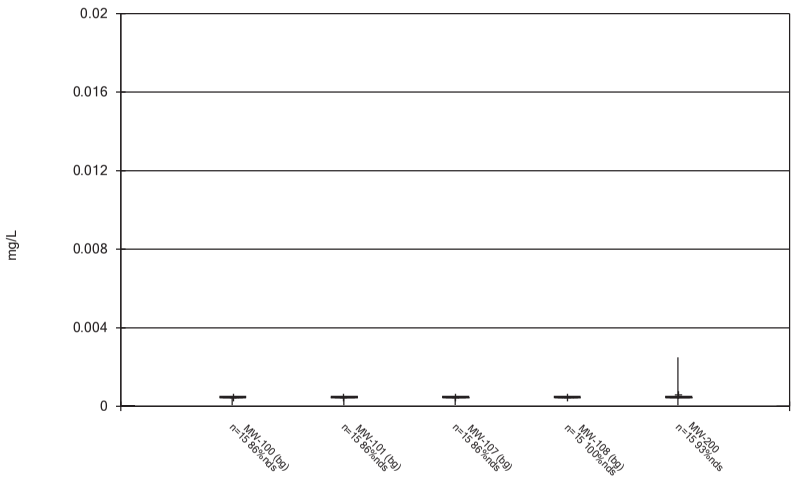
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

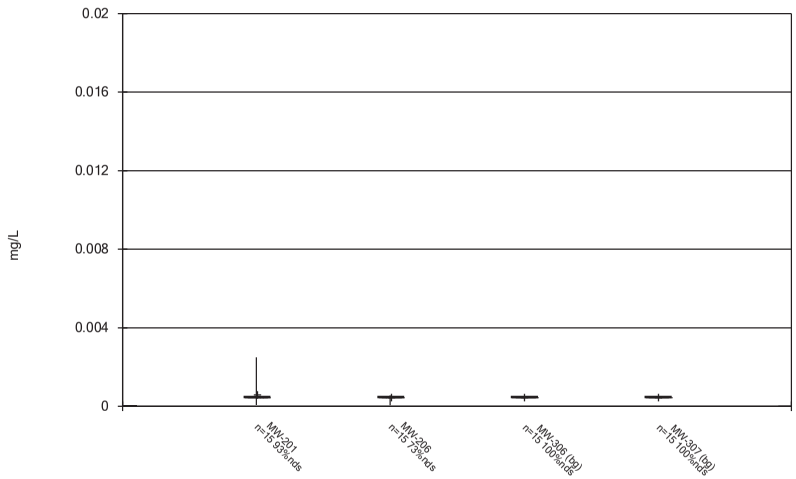
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

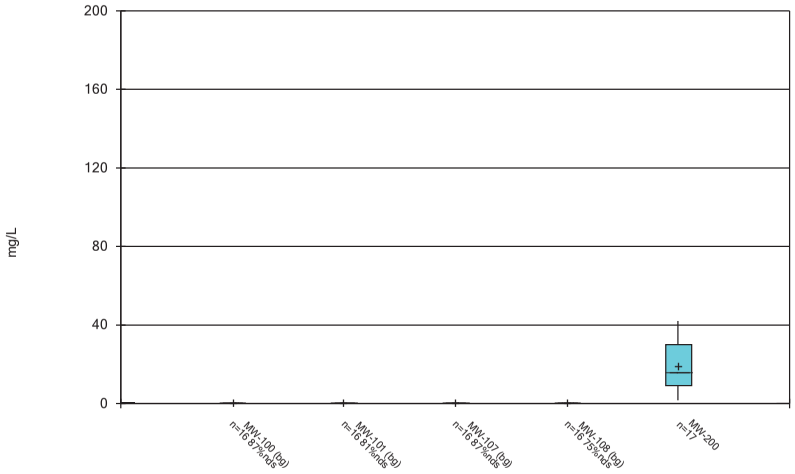
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



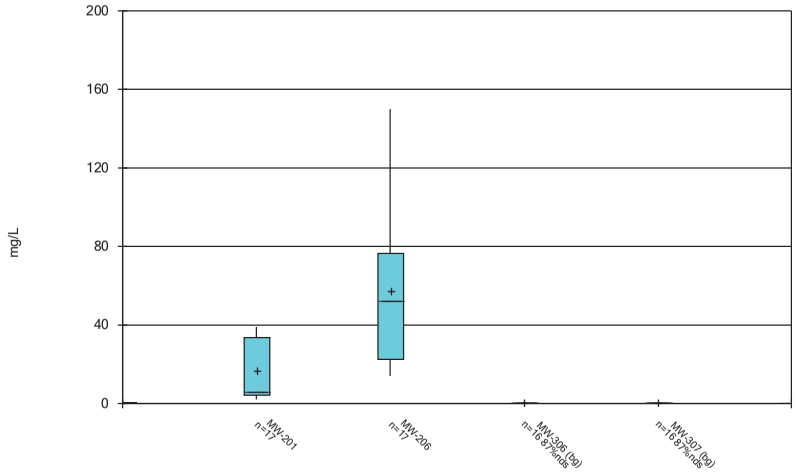
Constituent: Beryllium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



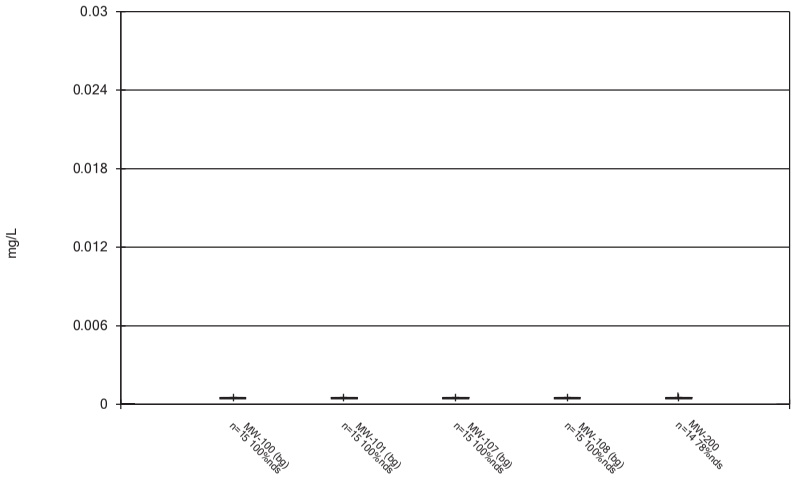
Constituent: Boron Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



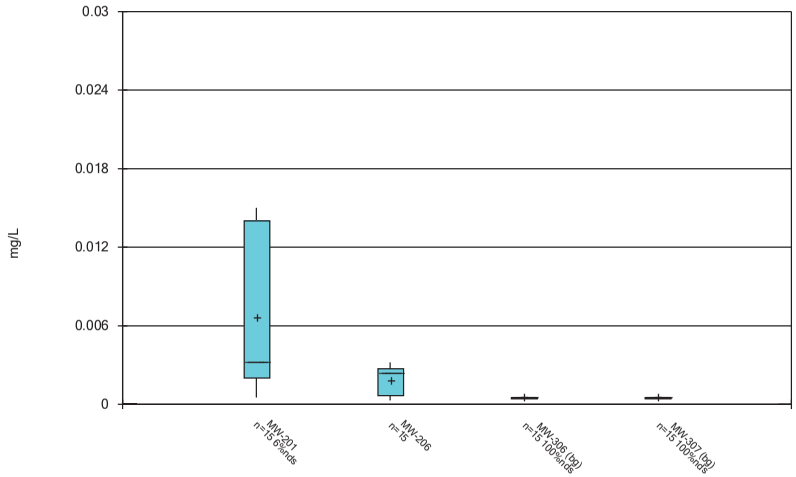
Constituent: Boron Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



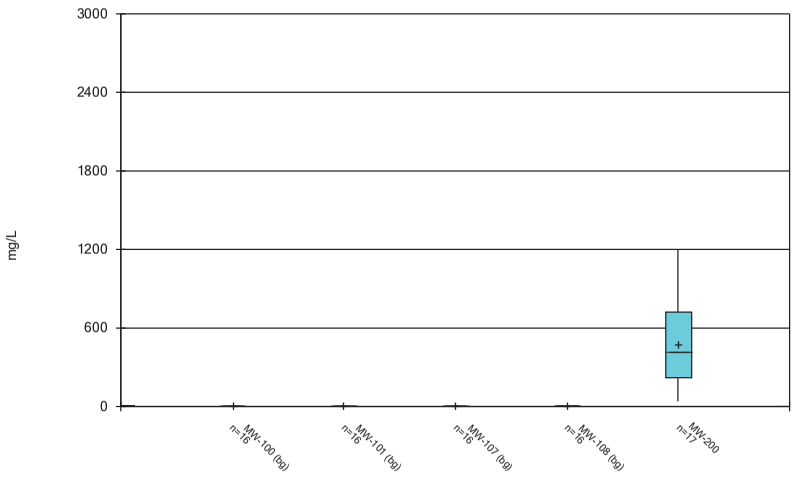
Constituent: Cadmium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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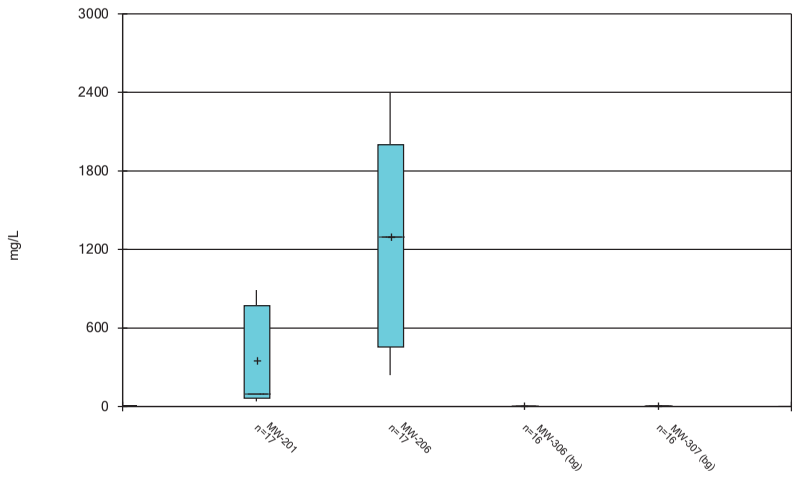
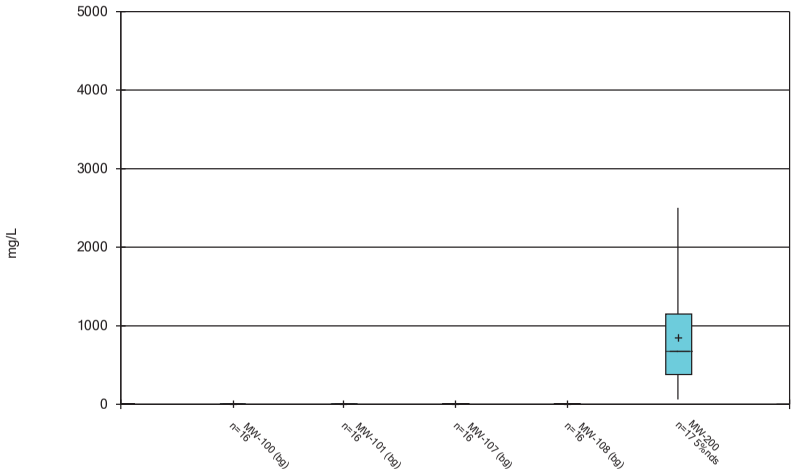
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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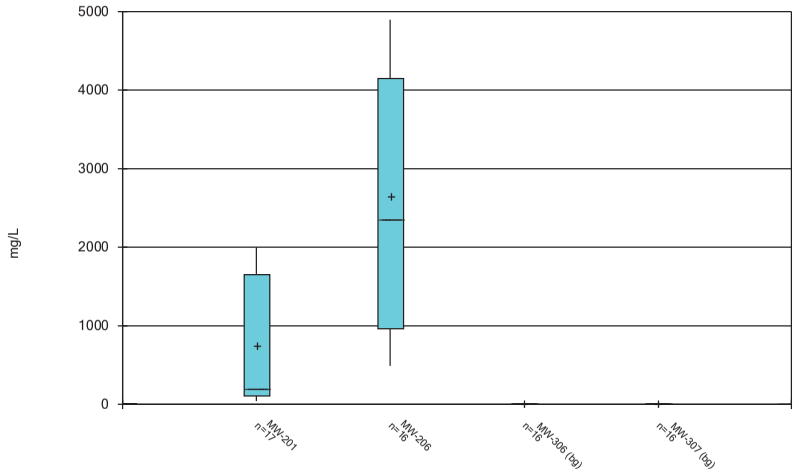
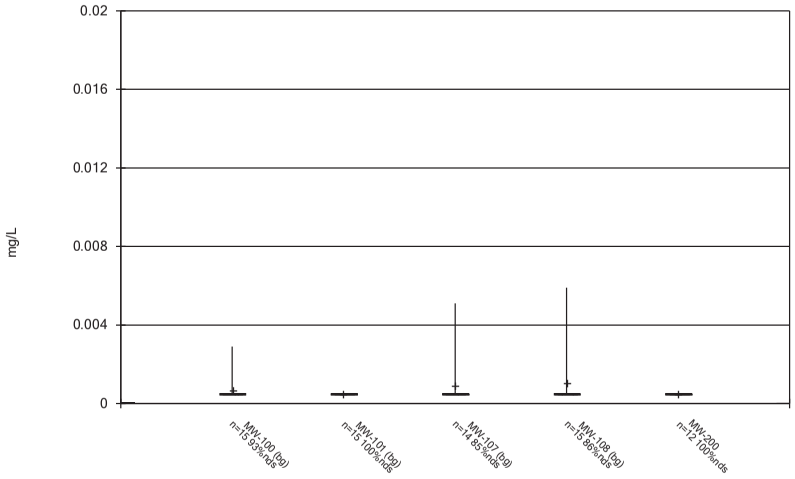
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

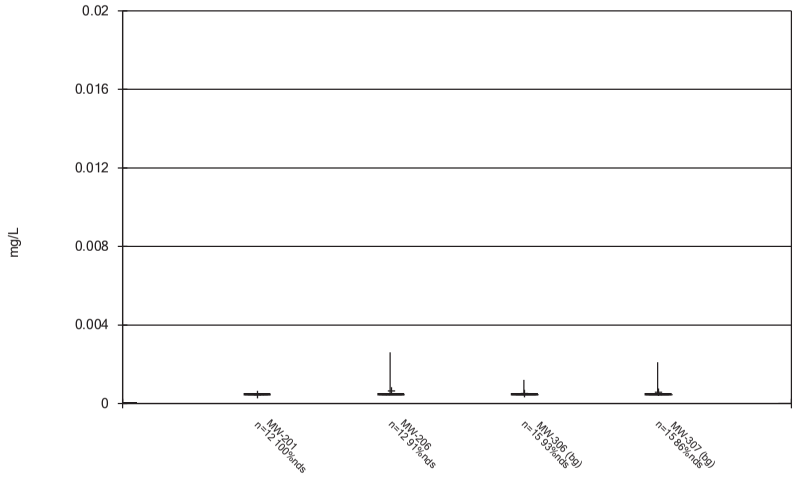
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

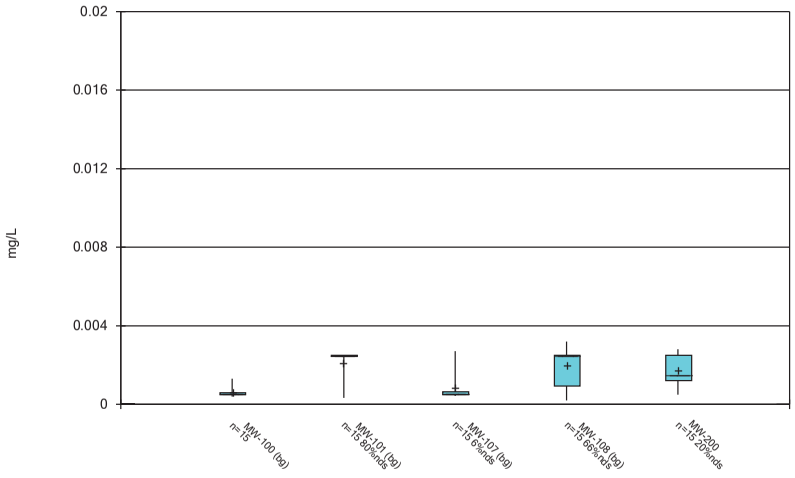
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

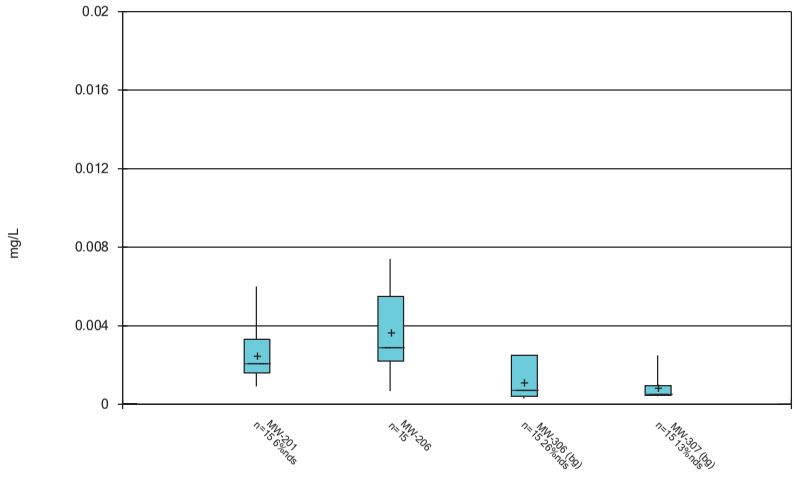
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

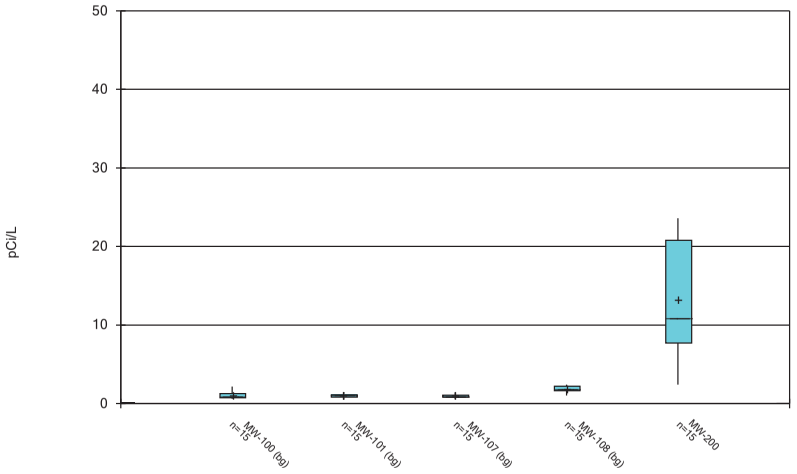
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

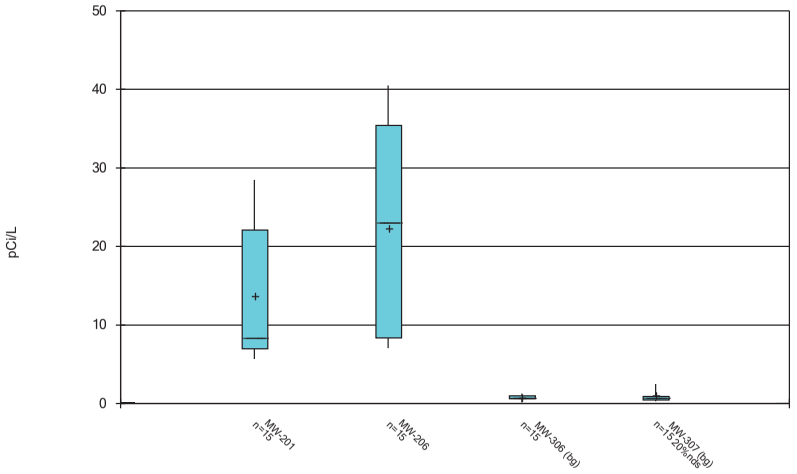
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

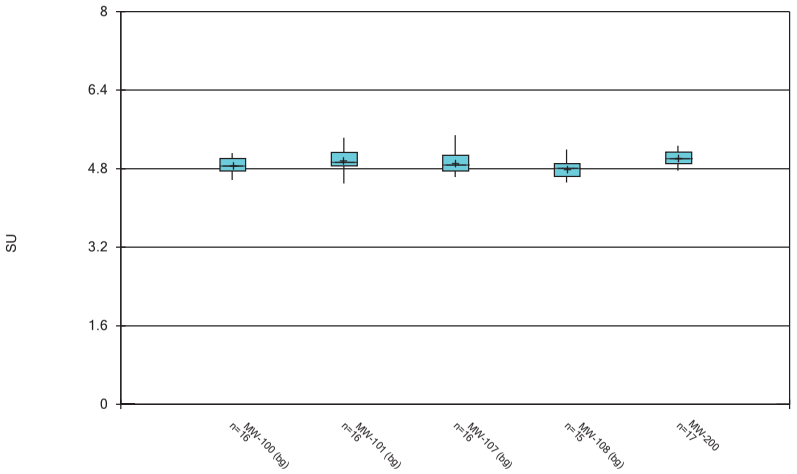
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

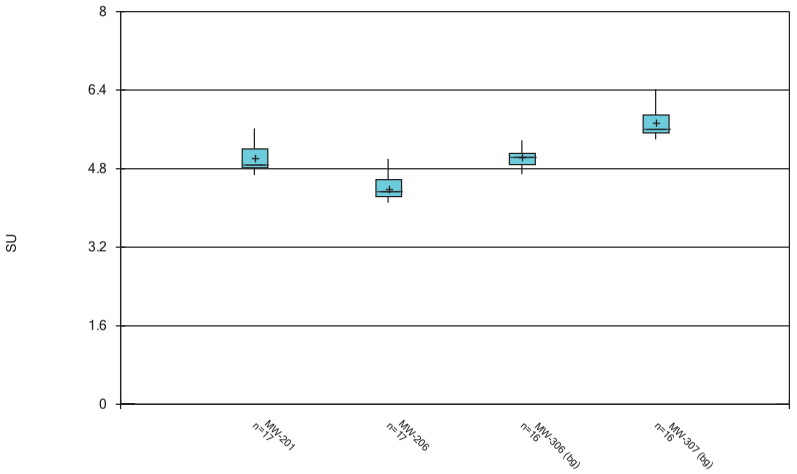
Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

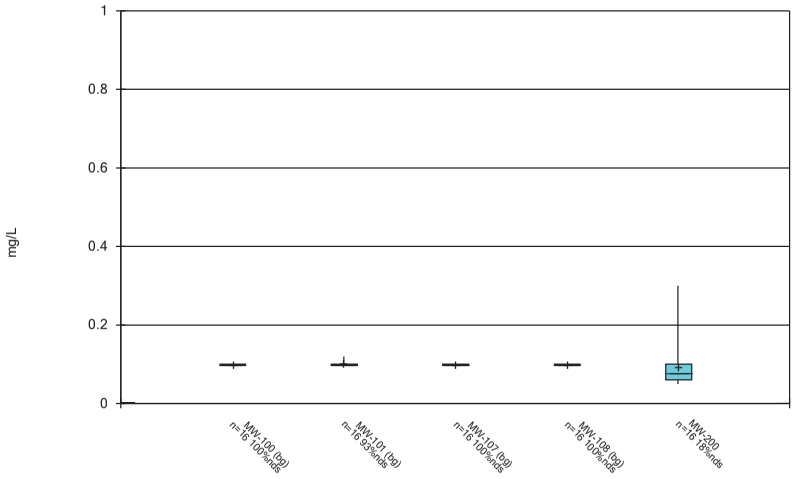
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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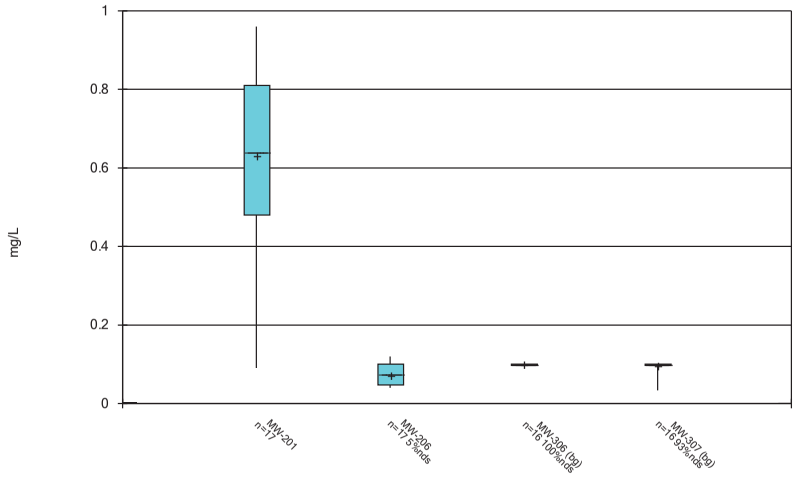
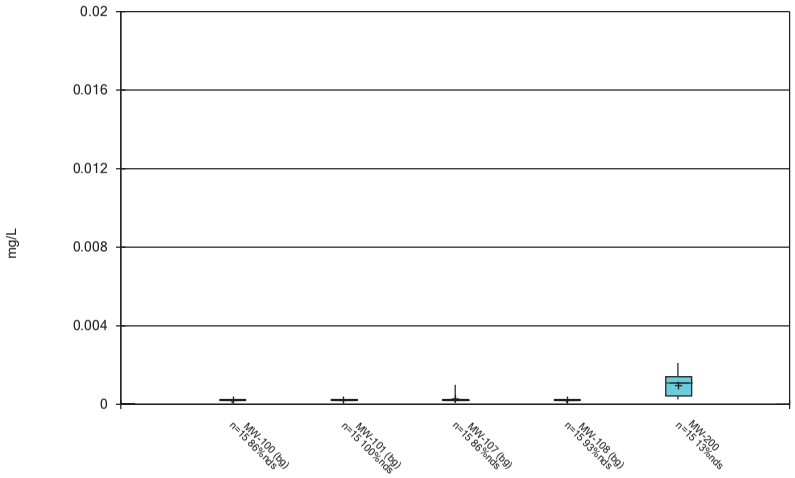
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lead Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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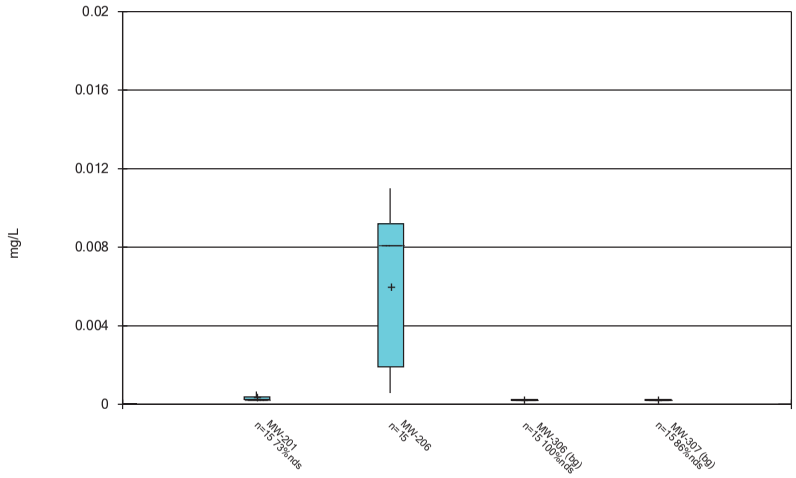
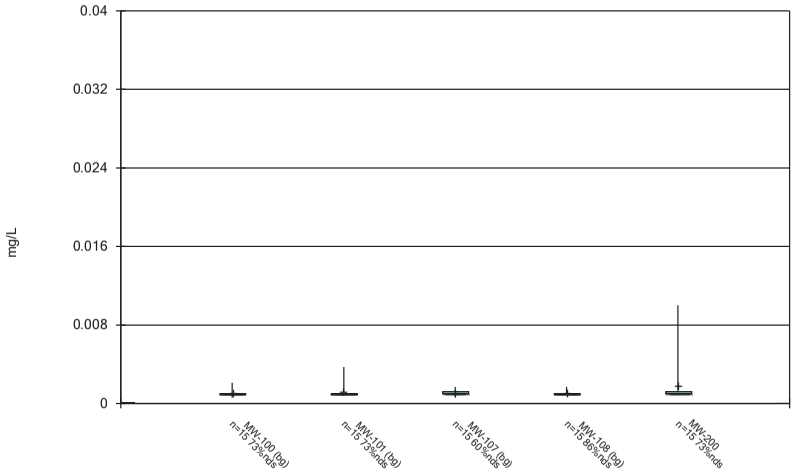
Box & Whiskers Plot



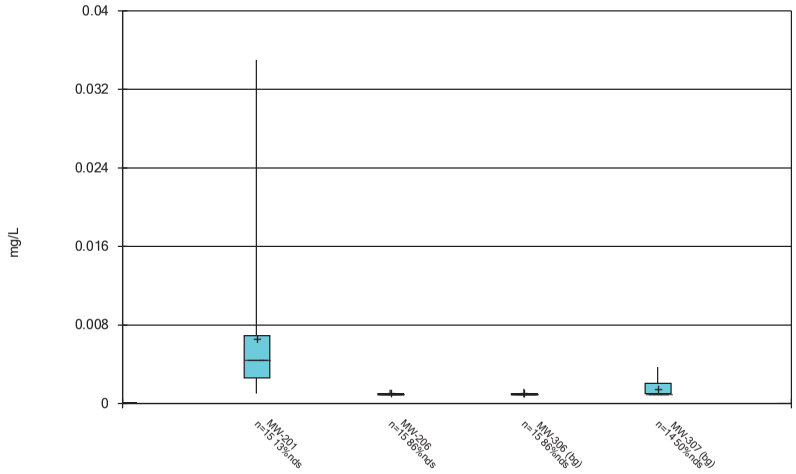
Constituent: Lead Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



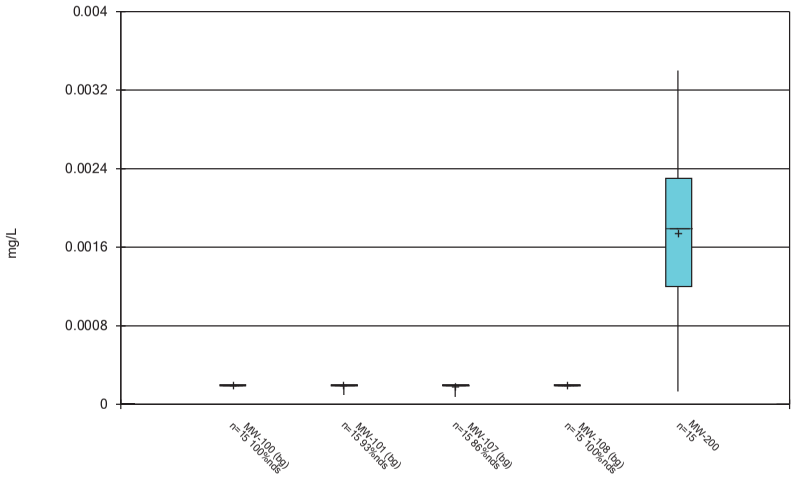
Constituent: Lithium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



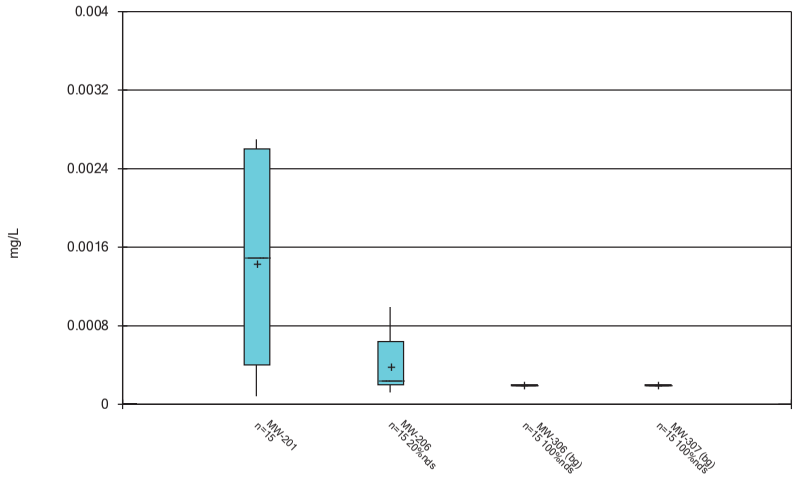
Constituent: Lithium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



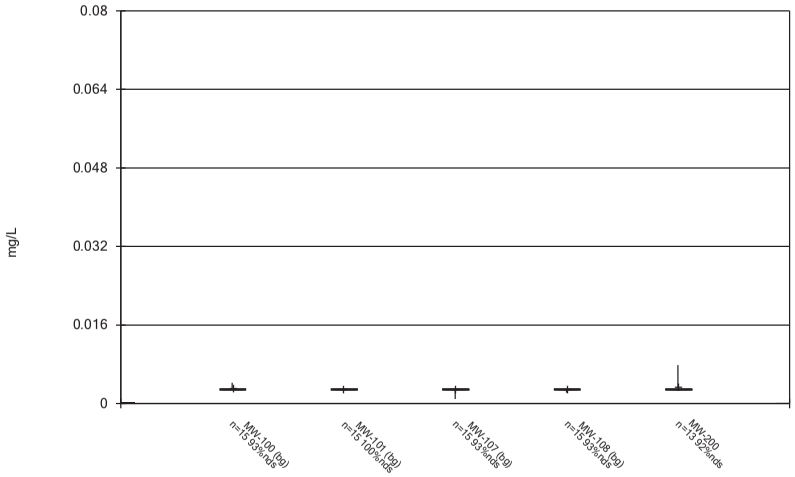
Constituent: Mercury Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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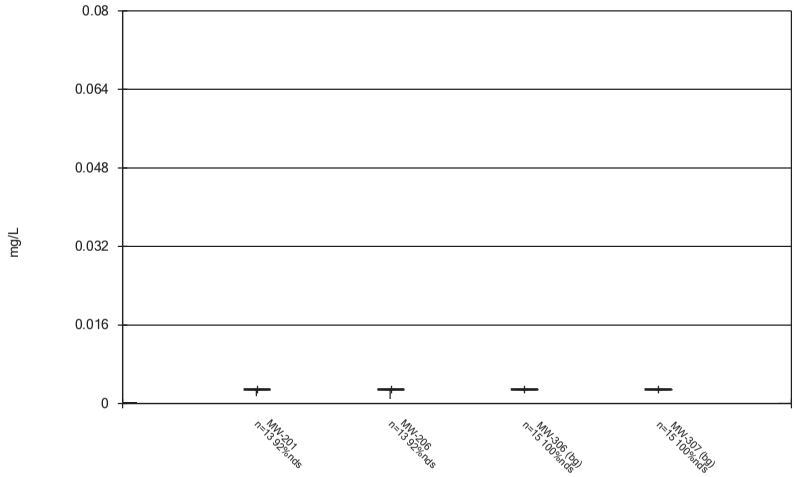
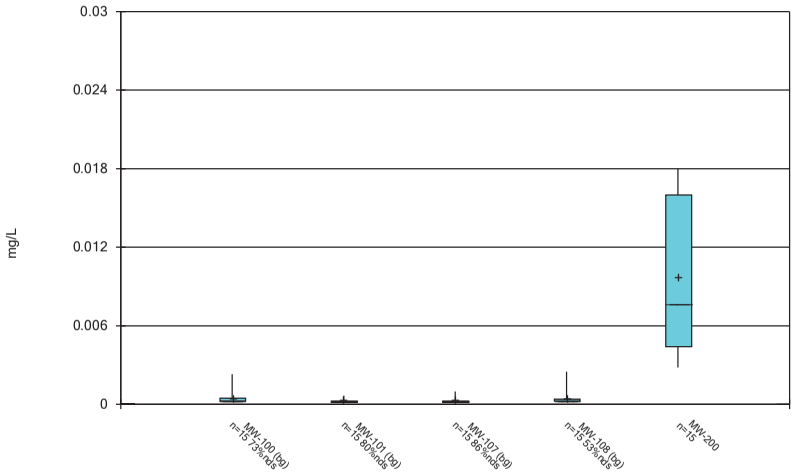
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

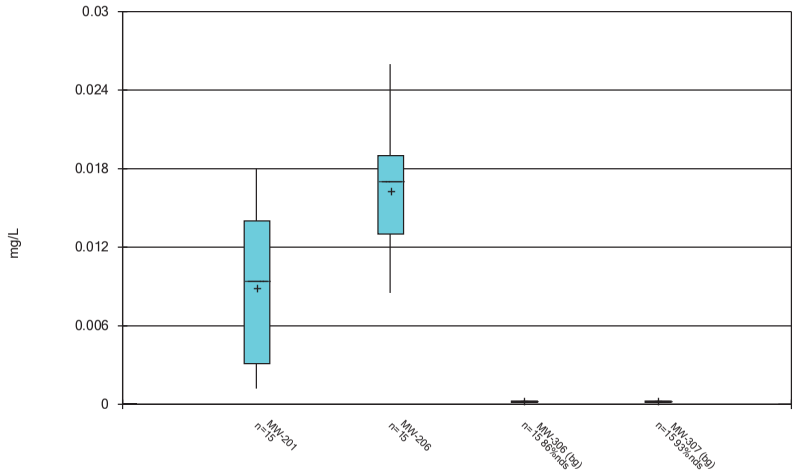
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

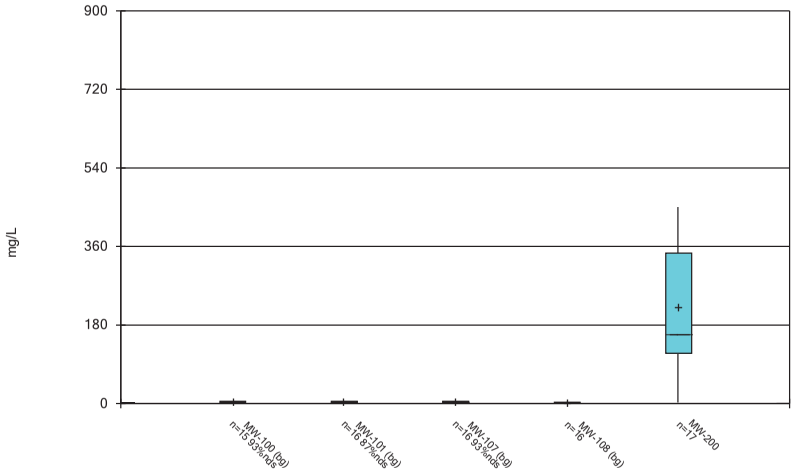
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

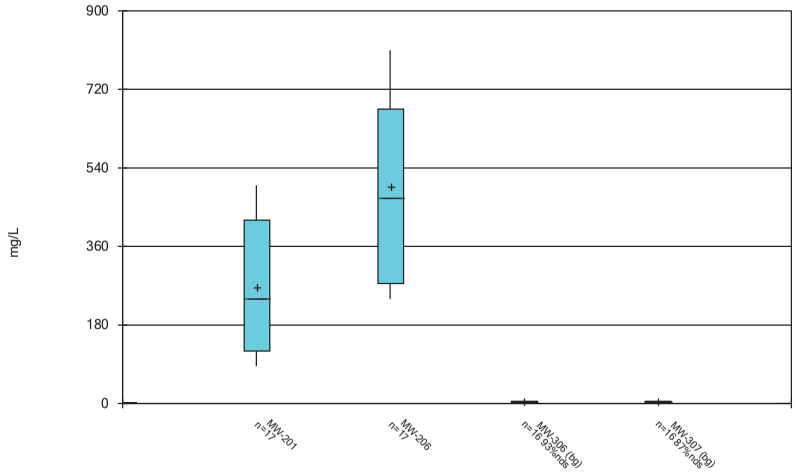
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

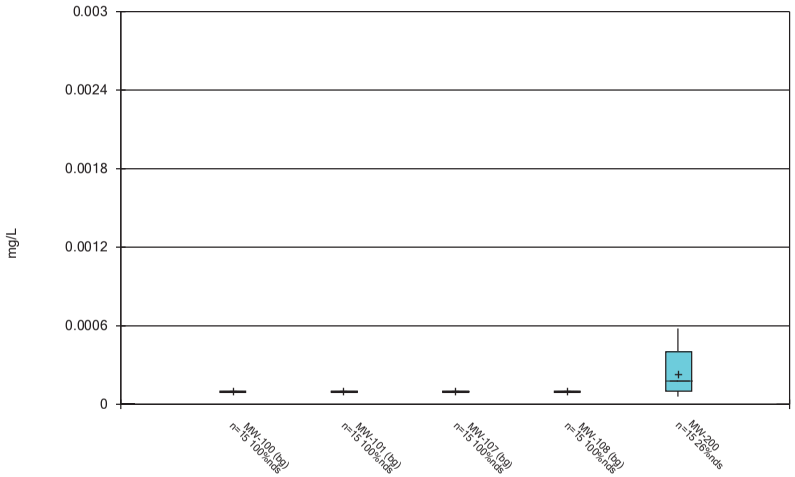
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

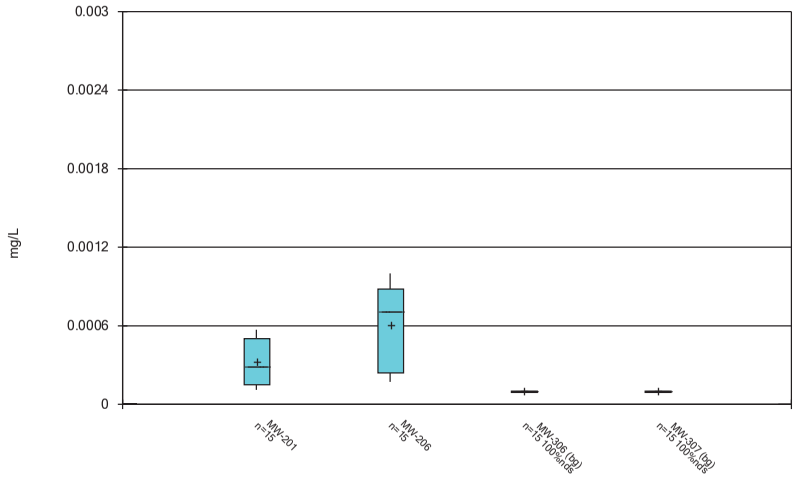
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

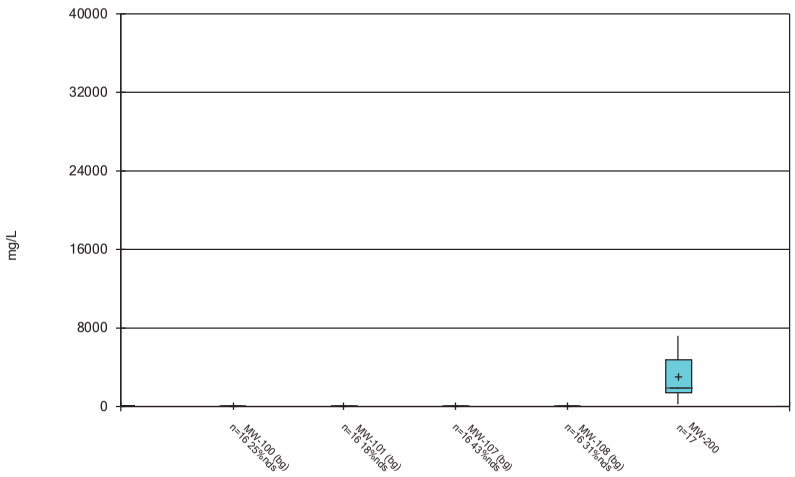
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

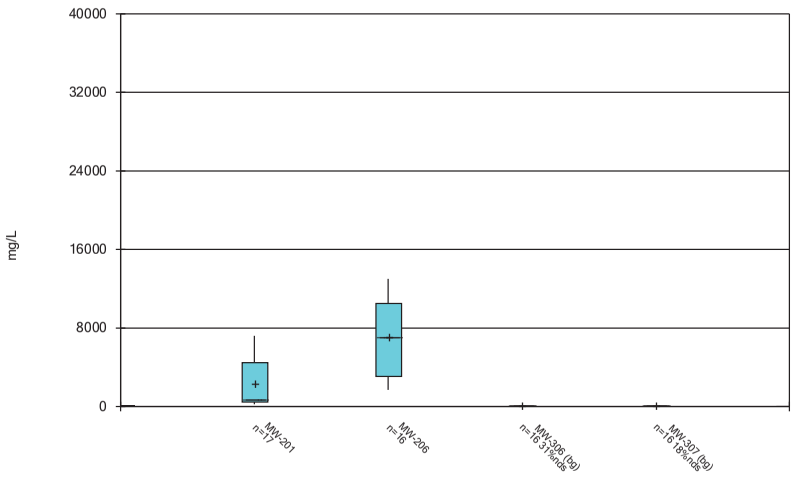
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

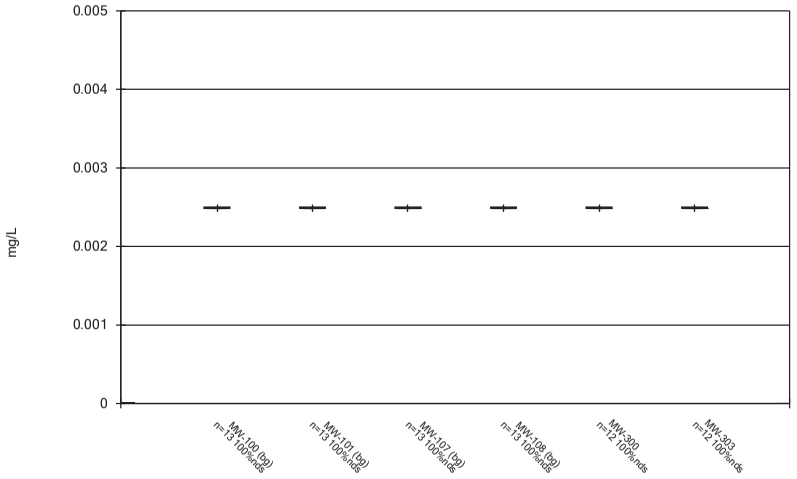
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/23/2020 12:42 PM View: 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

300 Series

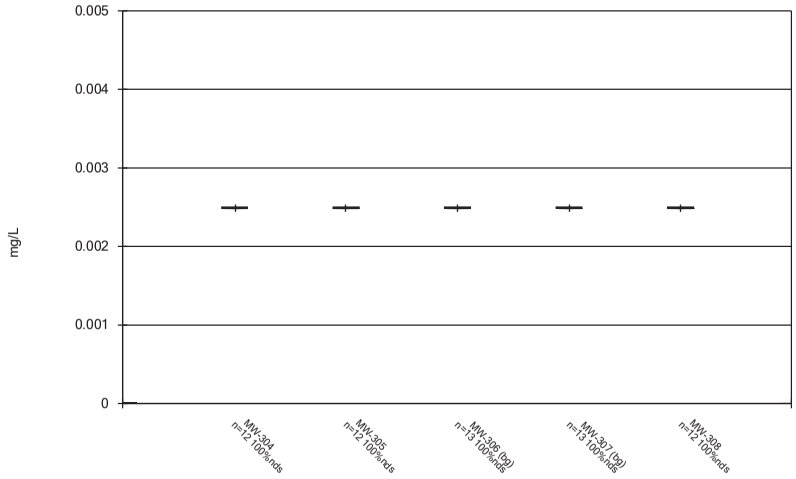
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

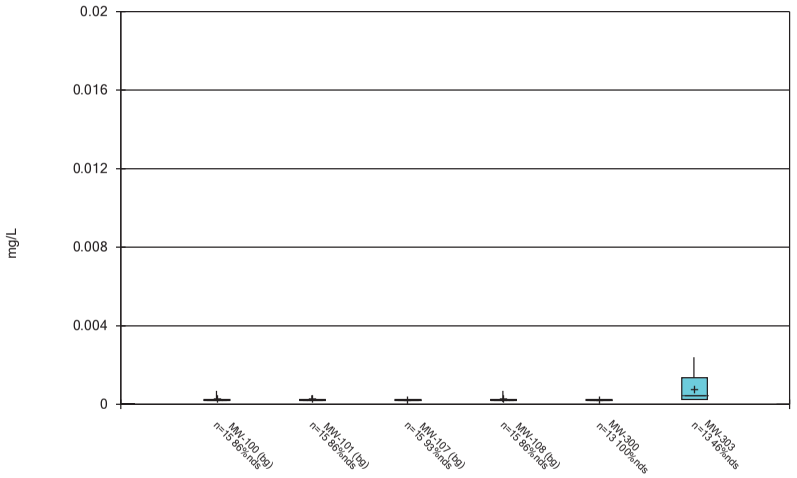
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

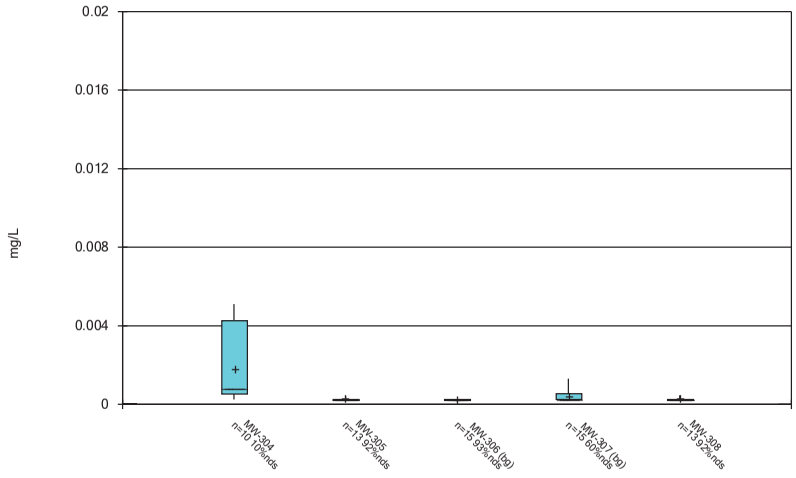
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

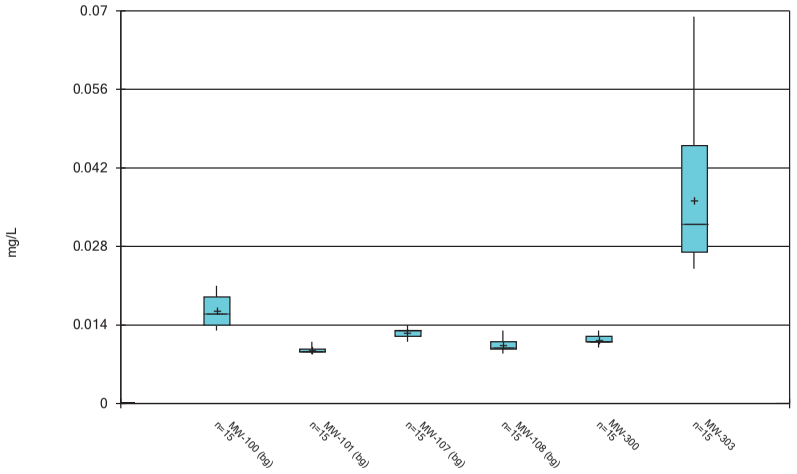
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

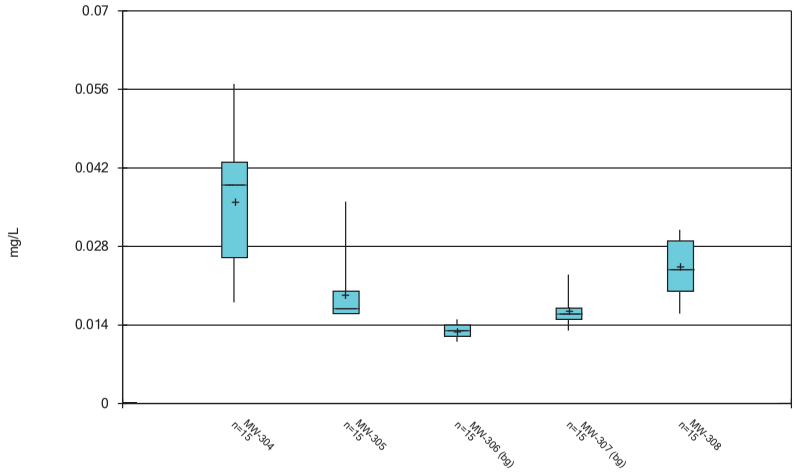
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

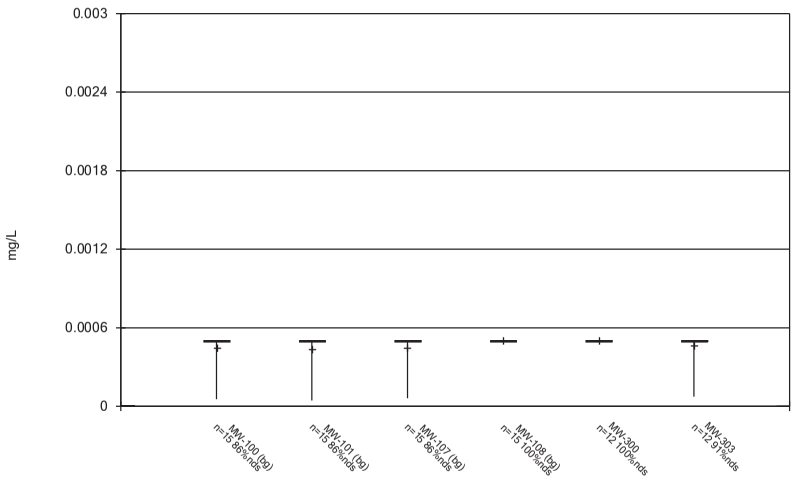
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/25/2020 9:22 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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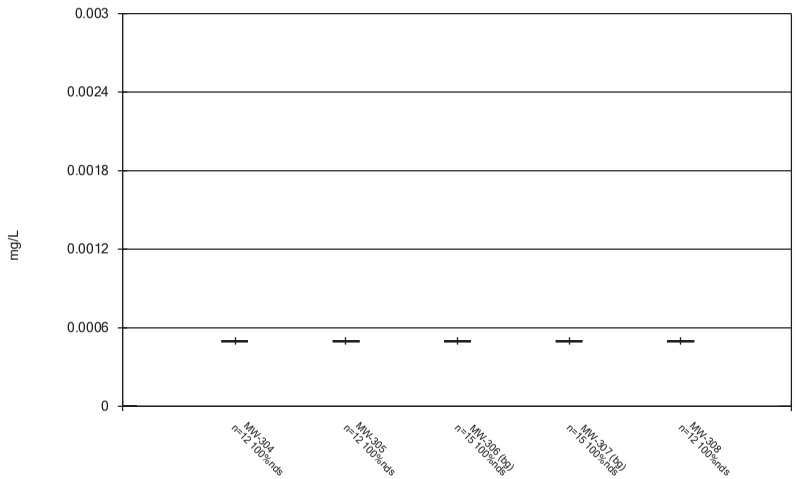
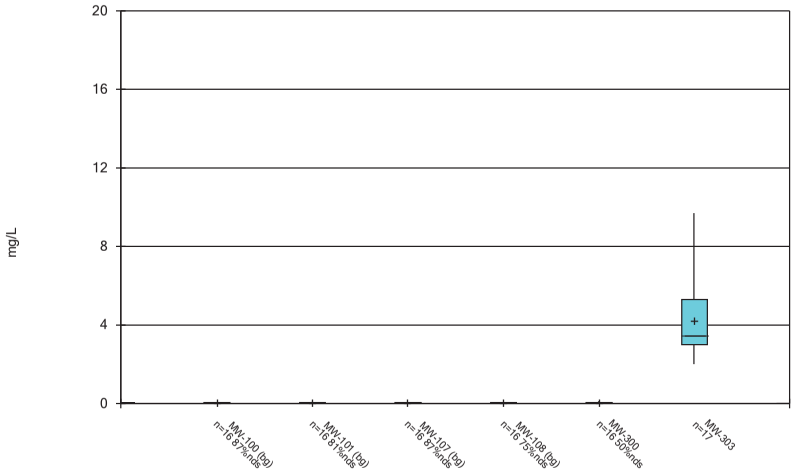
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



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Plant Crist Client: Gulf Power Data: Plant Crist CCR

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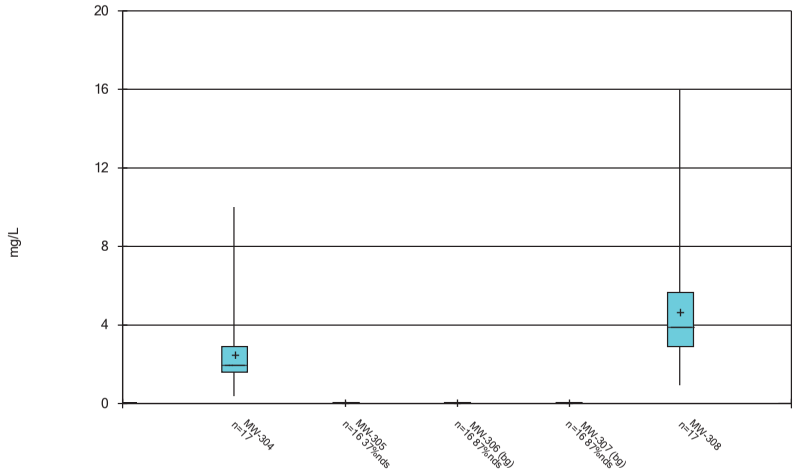
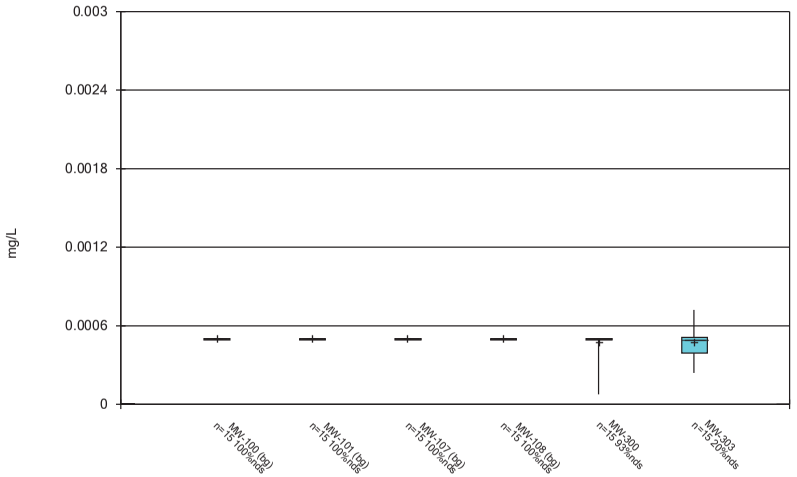


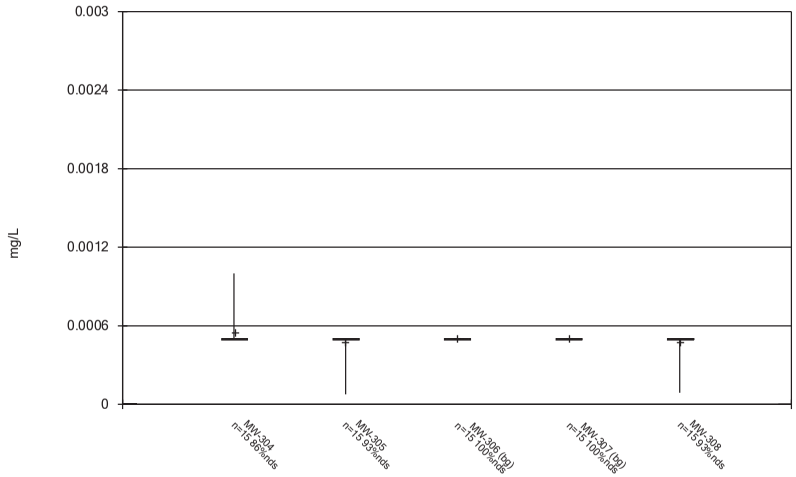
Constituent: Boron Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



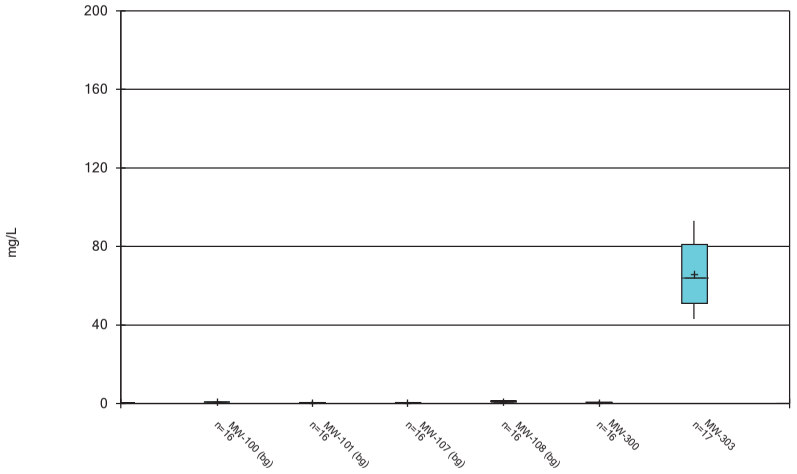
Constituent: Cadmium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

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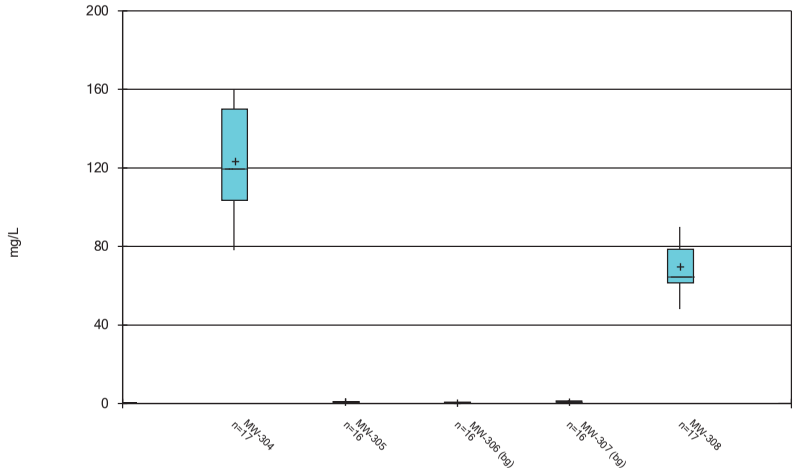
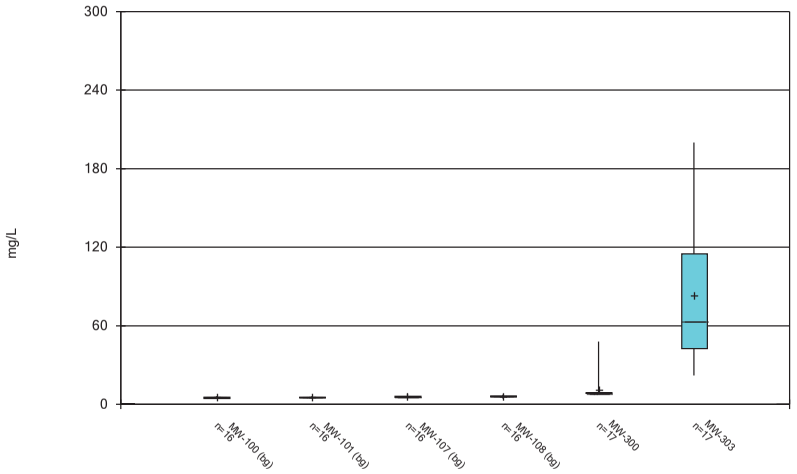
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

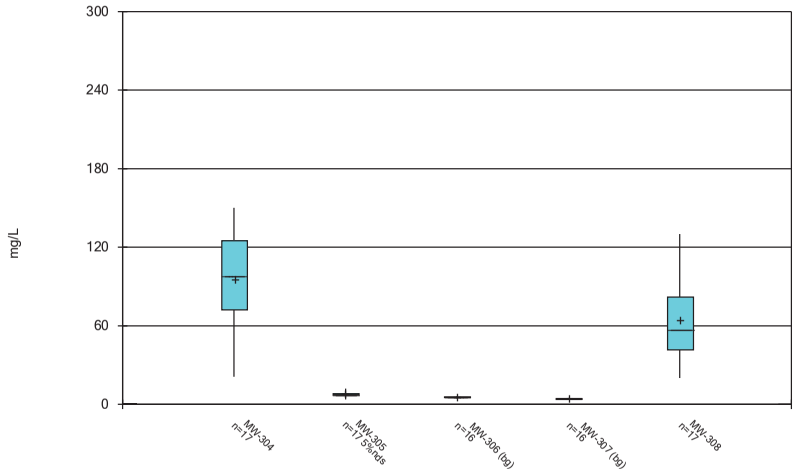
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

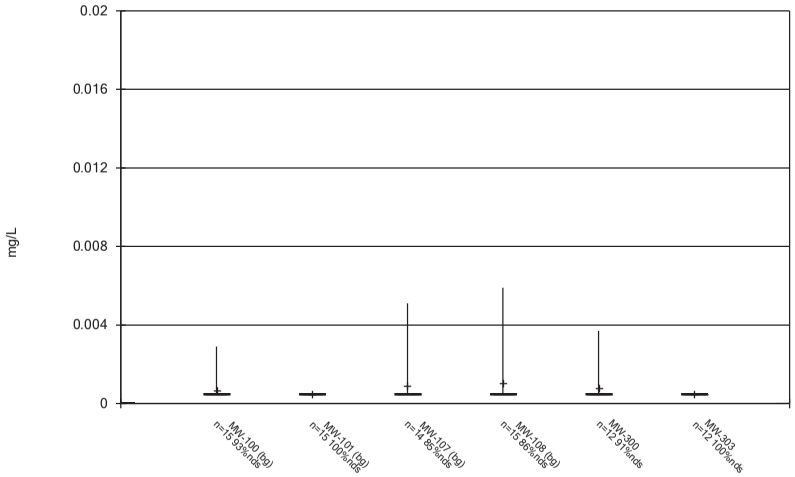
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

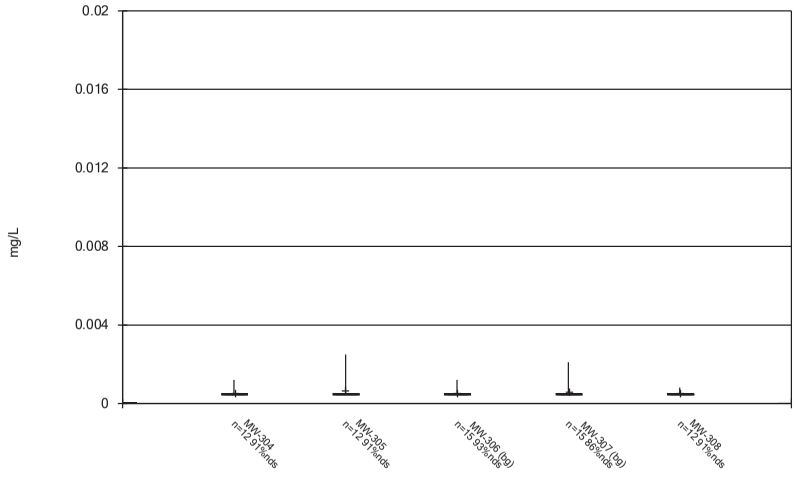
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

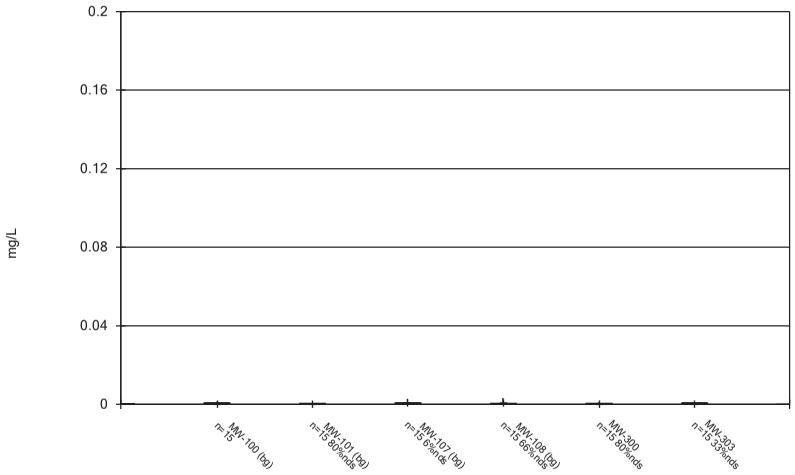
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

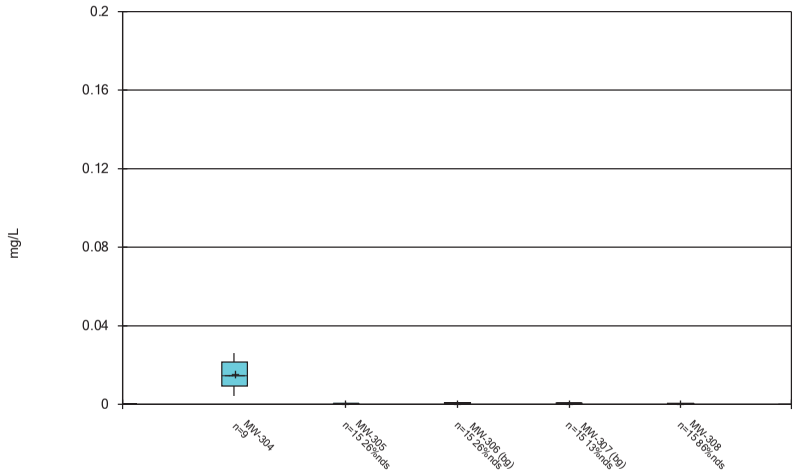
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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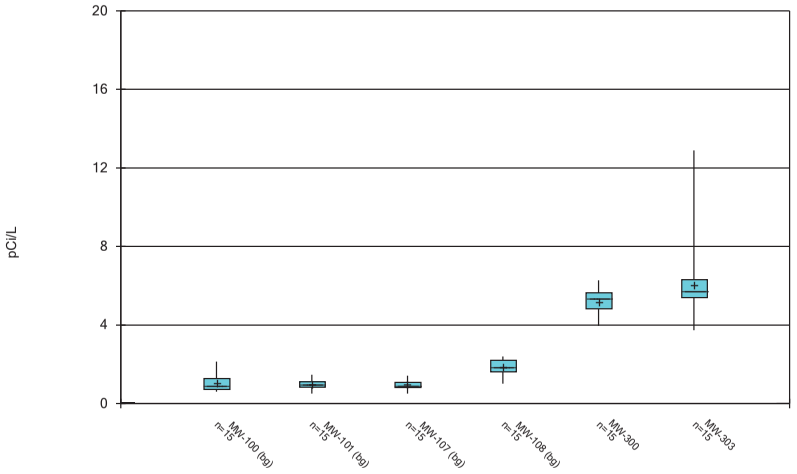
Plant Crist Client: Gulf Power Data: Plant Crist CCR

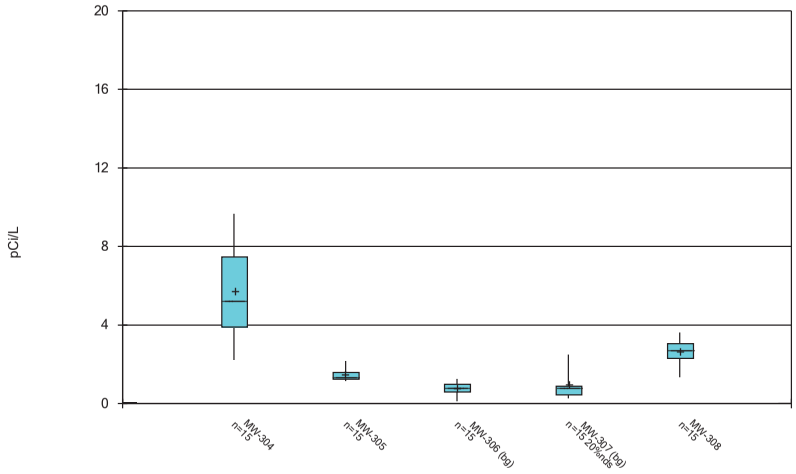
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

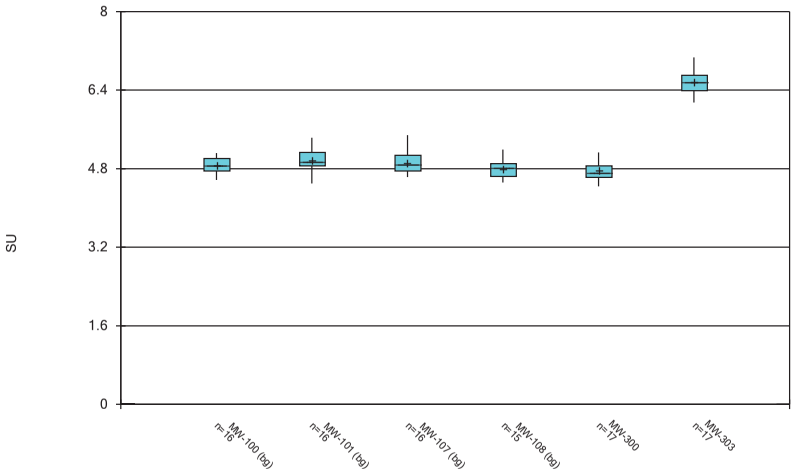
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

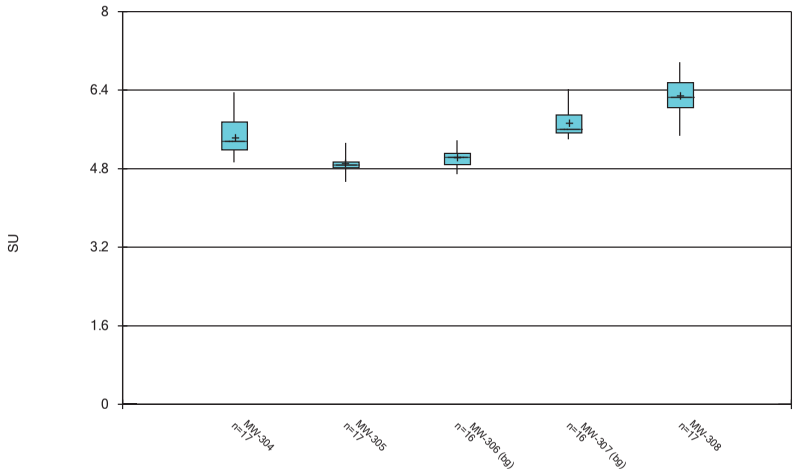
Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

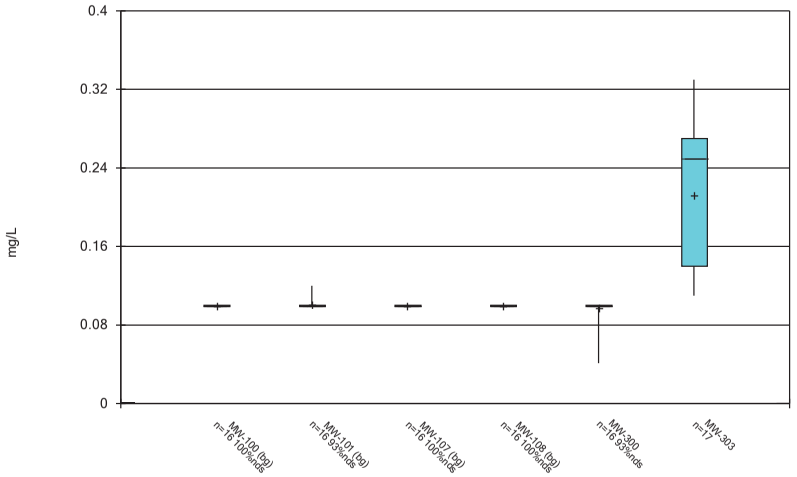
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

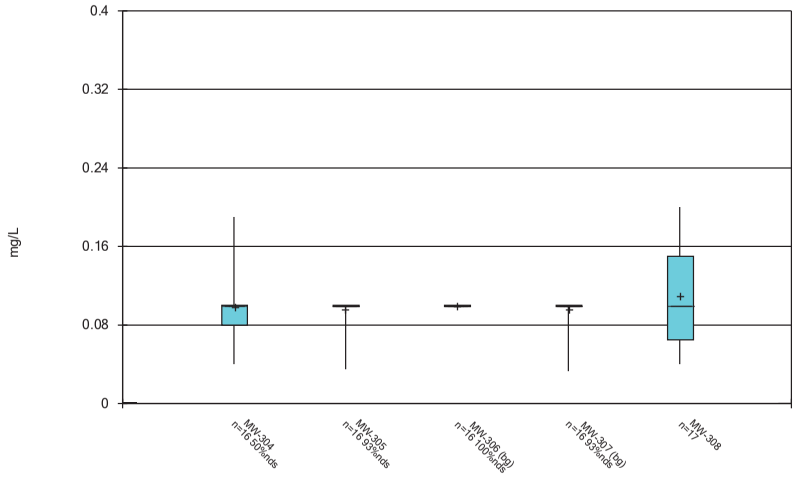
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

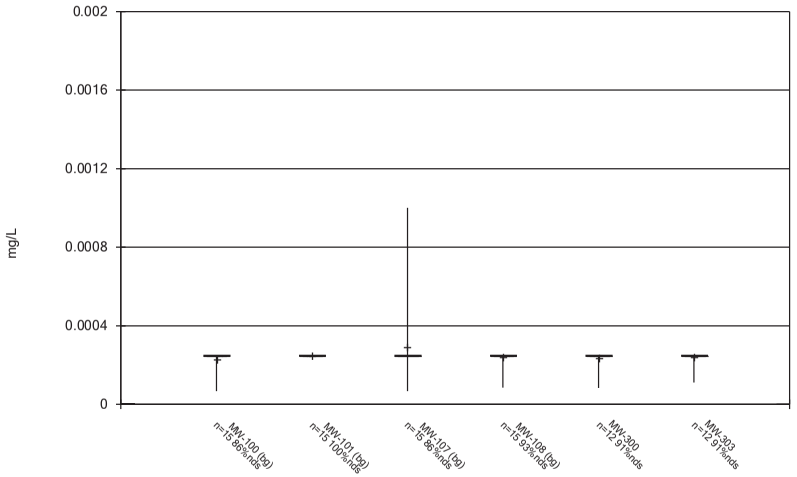
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

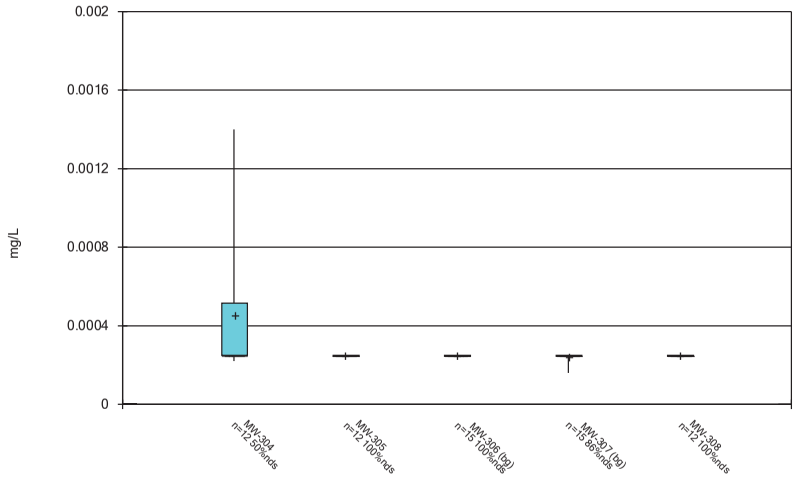
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

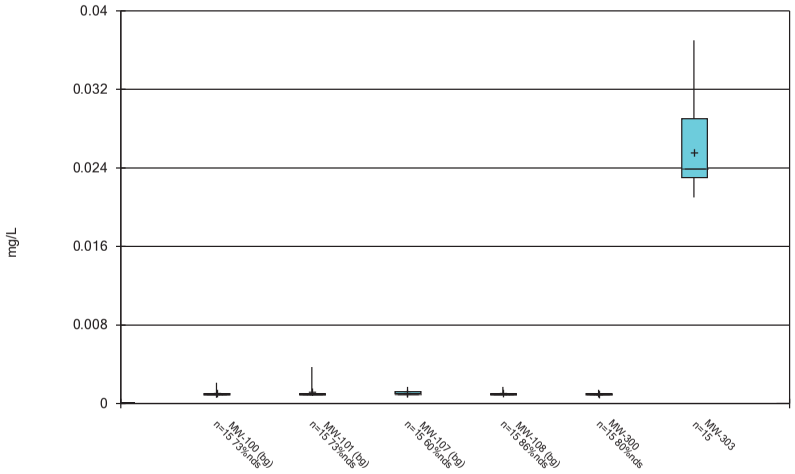
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

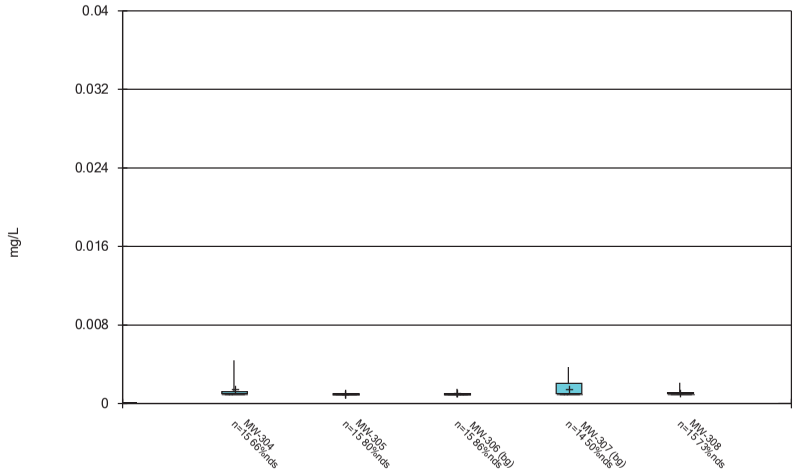
Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

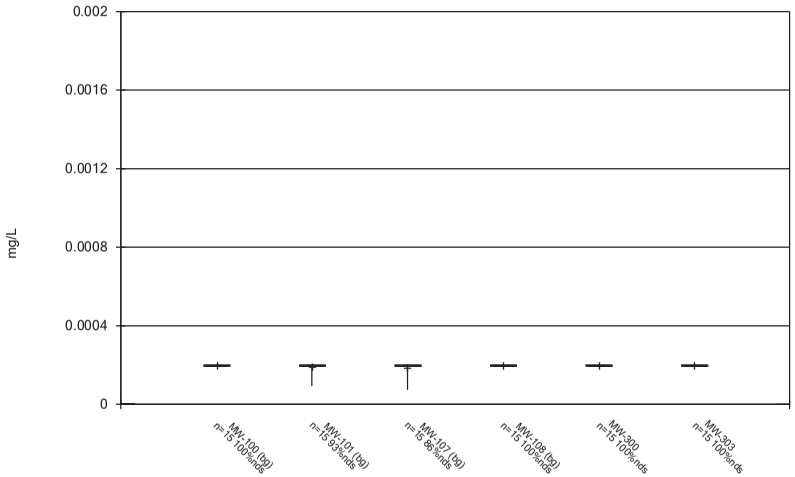
Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

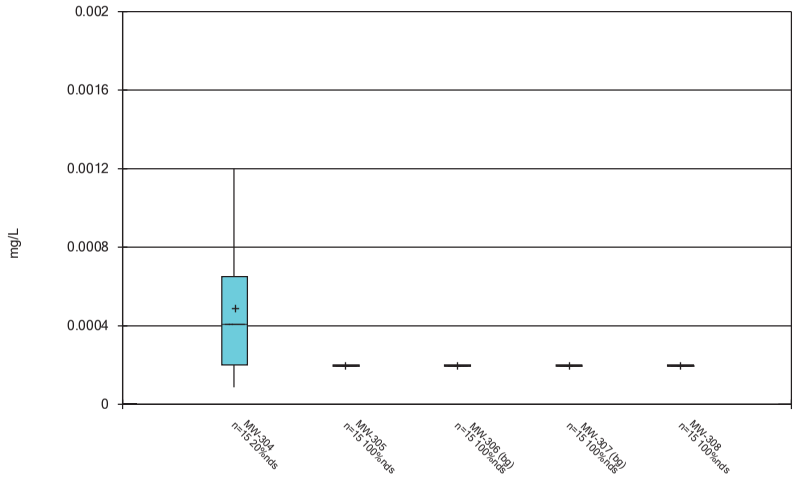
Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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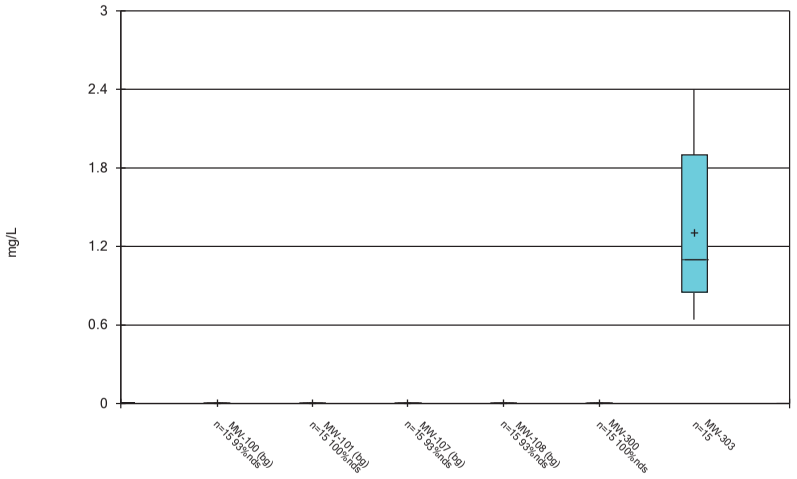
Plant Crist Client: Gulf Power Data: Plant Crist CCR

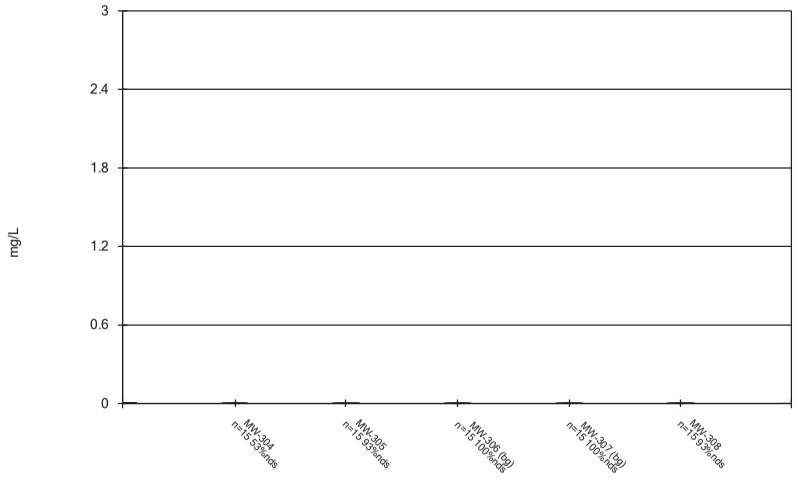
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

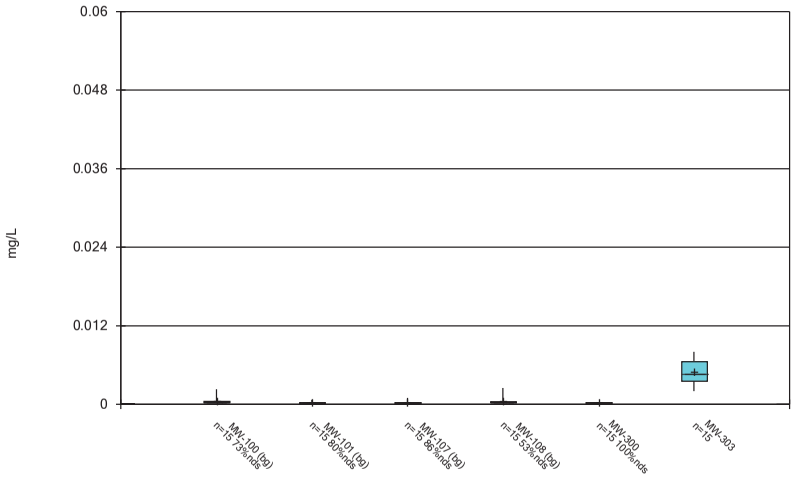
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

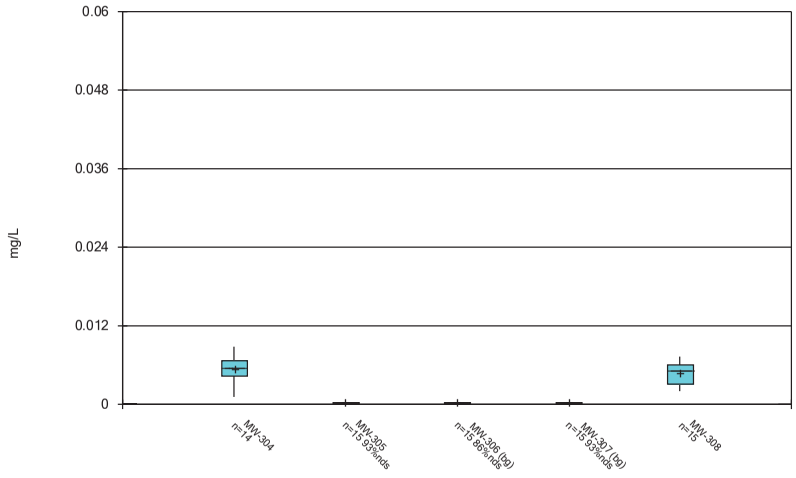
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

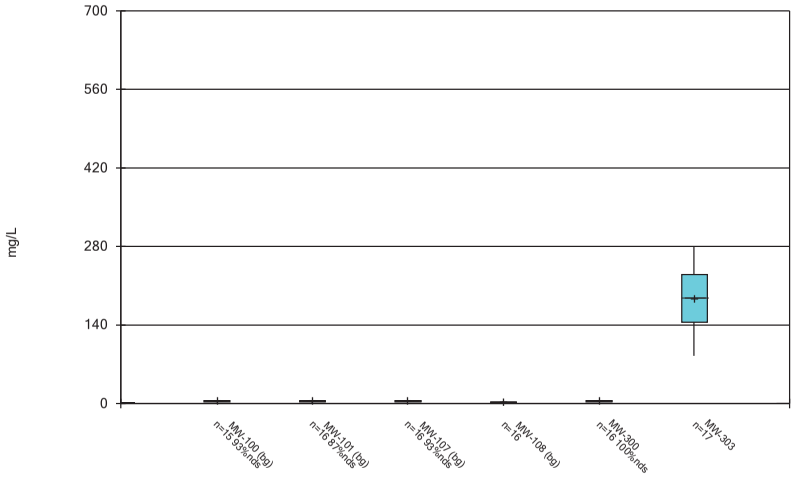
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

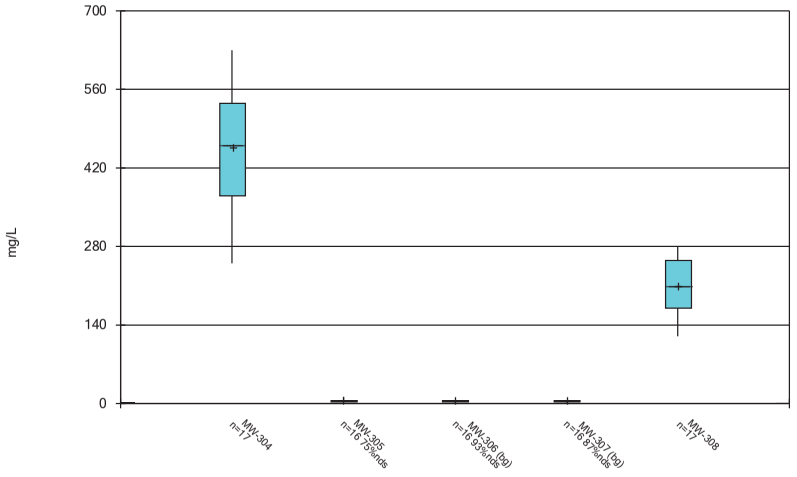
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

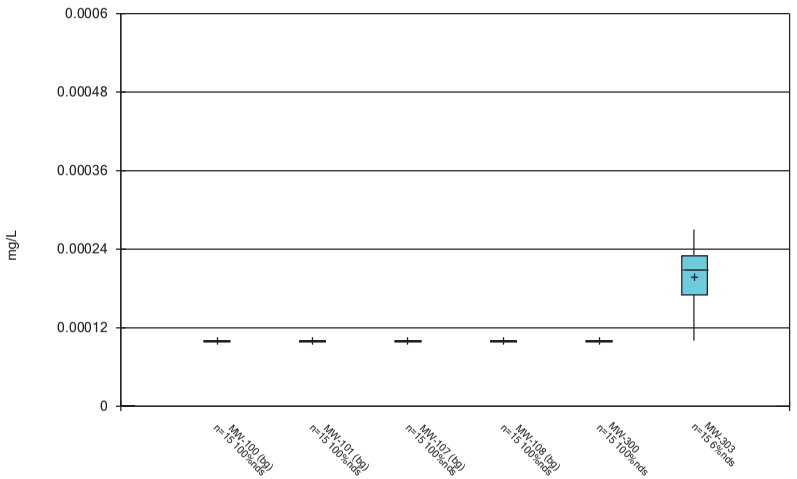
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

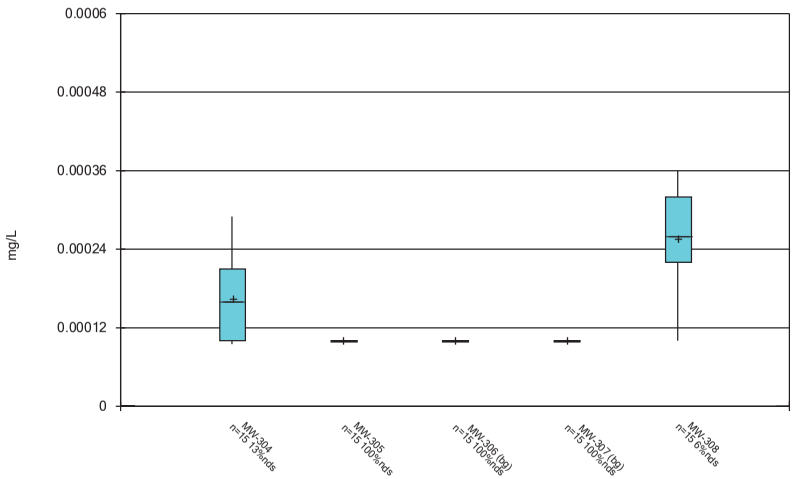
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

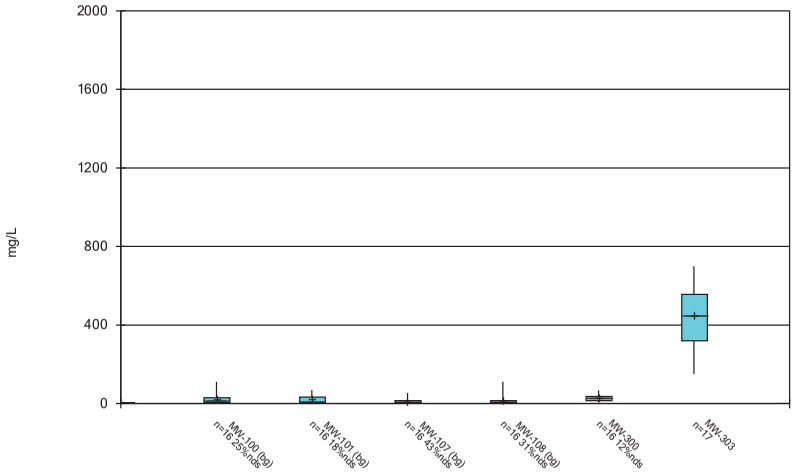
Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

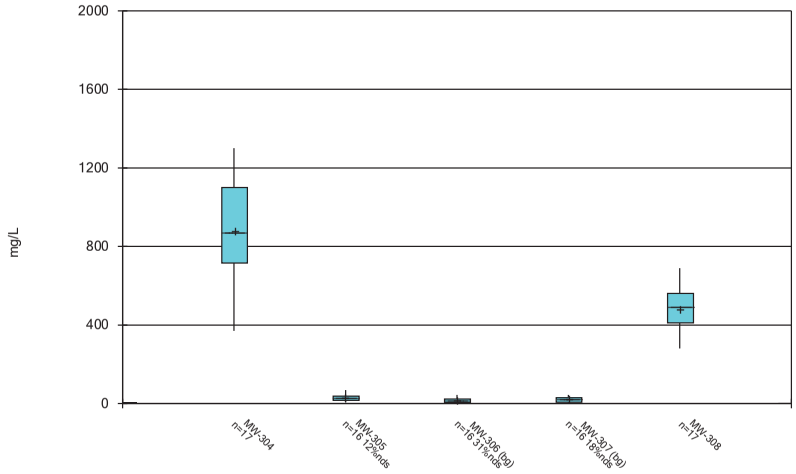
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.26 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/25/2020 9:23 AM View: 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

APPENDIX D

Statistical Analyses – October 2020
Semi-Annual Monitoring

FALL 2020

GROUNDWATER STATISTICAL ANALYSIS

FOR GULF POWER'S

PLANT CRIST

Prepared by:

Groundwater Stats Consulting LLC

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GROUNDWATER STATS CONSULTING

January 13, 2021

Geosyntec Consultants
Attn: Mr. Benjamin K. Amos, Ph.D., P.E.
1255 Roberts Boulevard, Suite 200
Kennesaw, GA 30144

Re: Plant Crist
Statistical Analysis – October 2020 Sample Event

Dear Mr. Amos,

Groundwater Stats Consulting (GSC), formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical analysis of the groundwater data for the October 2020 sample event at Gulf Power Company's Plant Crist. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015) as well as with the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began at Plant Crist for the CCR program in 2016 at each of the groundwater monitoring wells. The monitoring well network for the Gypsum Storage Area originally included wells MW-202, MW-203, MW-204 and MW-205. However, further research conducted by Geosyntec Consultants, reportedly, concluded that the location of these compliance wells does not represent the zone of groundwater quality downgradient of the site and, therefore, would not identify whether groundwater is affected from practices at the site. Therefore, these wells are not included in the statistical analysis provided in this report. The monitoring well network, as provided by Geosyntec Consultants, consists of the following wells:

- **Upgradient wells:** MW-100, MW-101, MW-107, MW-108, MW-306, MW-307
- **Ash Landfill No. 1 (100 Series):** MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110
- **Gypsum Storage Area (200 Series):** MW-200, MW-201, MW-206

- **Ash Landfill No. 2 (300 Series):** MW-300, MW-303, MW-304, MW-305, MW-308

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Dr. Jim Loftis, Civil & Environmental Engineering professor emeritus at Colorado State University and Senior Advisor to Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The CCR program consists of the following constituents listed below. The terms "constituent" and "parameter" are interchangeable.

- **Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Time series plots for Appendix III and IV parameters at the 100, 200 and 300 series wells are provided for these wells for the above constituents. Additionally, box plots are included for these constituents. The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. For each of the three well series the time series and box plots for the upgradient wells are included for comparison.

Proposed background data at all wells were initially evaluated in October 2017 for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for Appendix III parameters based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. A summary of those findings, along with the background update that was performed in March 2020 is provided below.

Power curves were provided during the screening to demonstrate that the selected statistical methods for Appendix III parameters comply with the USEPA Unified Guidance. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

CCR Appendix III Constituents:

Ash Landfill No. 1 (100 Series Wells)

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 7

Gypsum Storage Area (200 Series Wells)

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, sulfate, and TDS)
- Intrawell Prediction Limits with 1-of-2 resample plan – (pH)
- # Constituents: 7
- # Downgradient wells: 3

Ash Landfill No. 2 (300 Series Wells)

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, sulfate, and TDS)
- Intrawell Prediction Limits with 1-of-2 resample plan – (pH)
- # Constituents: 7
- # Downgradient wells: 5

The number of constituents and the number of downgradient wells affect both the power curves and the table value, kappa, that enters into the computation of parametric prediction limits whenever a resampling scheme is used. Thus interwell limits for a given constituent may differ slightly across the well series, even though the background data are the same.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are nondetects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below

(US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits as appropriate. Nondetects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% nondetects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% nondetects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for nondetects is the practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% nondetects, the Kaplan-Meier nondetect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% nondetects.

To handle varying detection limits in background data sets due to improved laboratory practices, a substitution of the most recent reporting limit is used for all nondetects. This is done on an individual well basis for confidence intervals and the reporting limit may vary from well to well. In the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs. Background data were screened for outliers, trends, and appropriate statistical methodology in October of 2017 and were updated in March of 2020. Summaries of those results are presented below.

Summary of October 2017 Background Screening

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not conservative from a regulatory perspective, in proposed background data. Suspected outliers at all wells for Appendix III and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of those findings were submitted with the October 2017 report. These values maybe also be seen on the time series graphs as disconnected points and on the data pages in a lighter font.

No seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

While trends may be visually identified, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each well to identify statistically significant increasing or decreasing trends. In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, earlier data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When the historical records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses, which were presented with the screening report, showed a few statistically significant trends. All trends noted were relatively low in magnitude when compared to average concentrations. Therefore, no adjustments were necessary.

Appendix III – Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical

limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified variation among upgradient well data at Plant Crist for the following Appendix III parameters: calcium, chloride, pH, and sulfate. No statistically significant variation was noted for boron, fluoride or TDS, making these constituents eligible for interwell analyses. All other constituents were further evaluated as described below for the appropriateness of intrawell testing to accommodate the groundwater quality.

Appendix III – Intrawell Method Eligibility Screening

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are conservative (i.e. lower) from a regulatory perspective, and that will rapidly identify a change in more recent compliance data from within a given well. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility. Prior to performing intrawell prediction limits, several steps are required to reasonably demonstrate that downgradient water quality does not have existing impacts from the practices of the facility.

Exploratory data analysis was used as a general comparison of concentrations in downgradient wells for all Appendix III parameters recommended for intrawell analyses to concentrations reported in upgradient wells. Upper tolerance limits were used in conjunction with confidence intervals to determine whether the estimated averages in downgradient wells are higher than observed levels upgradient of the facility. The upper tolerance limits were constructed to represent the extreme upper range of potential background levels at the site.

Either parametric or nonparametric tolerance limits were calculated based on the data characteristics that were described above for prediction limits. Parametric tolerance limits (for normal or transformed-normally distributed data) were constructed with a target of 99% confidence and 95% coverage using pooled upgradient well data for each of the Appendix III parameters recommended for intrawell analyses. For non-normal data, nonparametric tolerance limits were used. The confidence and coverage levels for

nonparametric tolerance limits are dependent upon the number of background samples. As more data are collected, the background population is better represented, and the confidence and coverage levels increase.

Confidence intervals were constructed on downgradient wells for each of the Appendix III parameters exhibiting spatial variation, using the tolerance limits discussed above, to determine intrawell eligibility. Either parametric or nonparametric confidence intervals were constructed as appropriate. When the entire confidence interval is above the background limit for a given parameter, interwell methods are initially recommended as the statistical method. Note that this screening identifies whether confidence intervals are above a background limit but does not identify the reason for this occurrence. Therefore, only the wells/parameters with confidence intervals which did not exceed background limits are eligible for intrawell prediction limits.

Confidence intervals for Appendix III parameters were found to be above the background standards in at least one well for each parameter at Ash Landfill No. 1; therefore, interwell prediction limits are recommended initially for all Appendix III parameters at this unit. Confidence intervals were above background standards for all parameters except pH at the Gypsum Storage Area and Ash Landfill No. 2. Therefore, intrawell methods may be used for pH and interwell methods for all other Appendix III parameters at these two units. The results of the upper tolerance limits calculations and confidence interval comparisons were presented in the background screening report.

If further evaluation confirms natural variation in groundwater at these downgradient wells, intrawell methods will be considered for these parameters. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, an independent study and hydrogeological investigation would be required to identify local geochemical conditions and expected groundwater quality for the region to justify an intrawell approach. Such an assessment is beyond the scope of services provided by Groundwater Stats Consulting. When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells, interwell prediction limits will initially be selected for the statistical method until further evidence shows that the higher upgradient concentrations are due to natural variation rather than a result of the facility.

Summary of Appendix III Background Update Summary – Conducted in March 2020

Prior to performing prediction limits, proposed background data through March 2019 were reviewed to identify any newly suspected outliers at all wells for pH for intrawell

testing, and through June 2019 at upgradient wells for boron, calcium, chloride, fluoride, pH, sulfate and TDS for interwell testing. Visual screening was used to identify potential outliers using time series graphs. When necessary, Tukey's outlier test is used to formally test suspected outliers. No additional outlier testing was required during the background update. Previously flagged values were excluded to reduce variation, better represent background conditions, and provide limits that are conservative from a regulatory perspective. As mentioned above, flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. A complete list of flagged values follows this letter.

For pH which required intrawell prediction limits, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through May 2017 to more recent compliance samples through March 2019 at each of the 200 and 300 series wells and upgradient wells to evaluate whether the groups are statistically similar at the 99% confidence level. If no statistically significant difference is found, background data may be updated with compliance data. No statistically significant differences were found between the two groups for pH except at the Gypsum Storage Area for well MW-201. However, the measurements range from 5.62 s.u. to 4.71 s.u., which is in line with concentrations in the other wells, and show only a slight decrease in more recent data. Therefore, the background data were updated and will be re-evaluated during the next background update. All background data sets were updated.

In the future, if the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data may not be updated to include the newer data, but will be reconsidered in the future. A summary of these results was submitted with the March 2020 report.

The Sen's Slope/Mann Kendall trend test was used to evaluate the entire record of data from upgradient wells for parameters utilizing interwell prediction limits. When statistically significant trends are identified in upgradient wells, the earlier portion of data is deselected prior to construction of interwell statistical limits if the trending data would result in statistical limits that are not conservative from a regulatory perspective. No statistically significant increasing trends were noted in upgradient wells. Statistically significant decreasing trends were identified; however, the magnitudes of the trends were low relative to average concentrations, and no adjustment of the records was required. Complete graphical results of the trend test were submitted with the background update report.

Statistical Analysis of Appendix III Parameters – October 2020

Intrawell prediction limits, combined with a 1-of-2 resample plan, using background data through March 2019, are used to evaluate pH at the Gypsum Storage Area and at Landfill No. 2 due to natural spatial variation for this parameter. However, only the 200 and 300 series wells were eligible for intrawell testing for pH, as discussed earlier. The 100 series wells, therefore, utilize interwell prediction limits for pH.

Interwell prediction limits, which compare the most recent sample from each downgradient well to statistical limits constructed from pooled upgradient well data, are updated during each sample event. Data from upgradient wells are periodically re-screened for newly developing trends, which may require adjustment of the background period to eliminate the trend, as well as for outliers over the entire record. All available upgradient well data through October 2020 were used to establish interwell prediction limits, based on a 1-of-2 resample plan, for all Appendix III parameters except for pH at the 200 and 300 series wells

Complete tabular and graphical results for both intrawell and interwell prediction limits are presented following this letter. Exceedances were noted for each of the units and are listed in summary tables for intrawell and interwell prediction limits.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of an additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no further action is necessary.

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable. Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Upgradient trends are an indication of natural variability in groundwater unrelated to practices at the site. Complete tabular and graphical results of the trend tests follow this letter.

Evaluation of Appendix IV Parameters – October 2020

Prior to evaluating Appendix IV parameters, background data are screened through visual screening for potential outliers and extreme trending patterns that would lead to artificially elevated statistical limits. High outliers are also 'cautiously' flagged in the downgradient wells when they are clearly much different from the rest of the data. This is intended to be a regulatory conservative approach in that it will reduce the variance and thus reduce the width of parametric confidence intervals, although it will also reduce the mean and thus lower the entire interval. The intent is to better represent the actual downgradient mean. Flagging high outliers should have no effect on the lower limit of nonparametric confidence intervals. No new outliers were flagged during this analysis, and a complete list of outliers follows this report.

Interwell upper tolerance limits, as appropriate, were used to calculate background limits from pooled upgradient well data for Appendix IV parameters, with a target of 95% confidence and 95% coverage for parametric limits. Parametric tolerance limits are used when data follow a normal or transformed-normal distribution as do barium and combined radium 226 + 228. When data contained greater than 50% nondetects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used. These limits were compared to the Maximum Contaminant Levels (MCLs) and CCR rule-specified levels to determine the highest limit for use as the GWPS in the Confidence Interval comparisons.

Confidence intervals were then constructed on downgradient wells, using all historical data within a given well, for each of the Appendix IV parameters and compared to the highest limit of either the MCL or rule-specified level as discussed above. For cobalt in well MW-304, samples prior to March 2017 have been deselected to use at a minimum, the most recent 8 samples in constructing the confidence interval, rather than the entire data set in order to reflect present-day concentrations. The historical data for this constituent had higher concentrations due to a broken pipe that influenced groundwater quality at this well. Concentrations, as expected, have continued to decrease since the pipe was fixed.

Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its respective standard. Tables of the upper tolerance limits, GWPS, and confidence intervals, along with graphical comparisons against standards, and significant results (exceedances) follow this letter. The following confidence interval exceedances were noted:

100 Series Wells:

Cobalt:	MW-104
Combined Radium 226 + 228:	MW-104 and MW-110
Mercury:	MW-110

200 Series Wells:

Combined Radium 226 + 228:	MW-200, MW-201, and MW-206

300 Series Wells:

Cobalt:	MW-304
Molybdenum:	MW-303

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Crist. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Kristina L. Rayner
Groundwater Statistician

Outlier Summary

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/11/2021, 2:01 PM

	MW-304 Arsenic (mg/L)	MW-200 Cadmium (mg/L)	MW-206 Chloride (mg/L)	MW-107 Chromium (mg/L)	MW-108 Field pH (SU)	MW-307 Lithium (mg/L)	MW-304 Selenium (mg/L)	MW-100 Sulfate (mg/L)	MW-206 Total Dissolved Solids (mg/L)
3/2/2016		0.022 (o)							32000 (o)
3/3/2016	0.009 (o)								
5/2/2016								15 (o)	
5/4/2016	0.019 (o)								
7/5/2016			360 (o)		7.11 (o)				
7/6/2016	0.014 (o)								
11/7/2016						0.0097 (o)			
1/9/2017				0.017 (o)					
10/17/2018							0.05 (o)		

Appendix III Interwell Prediction Limits - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/11/2021, 1:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-103	0.081	n/a	10/8/2020	0.31	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	10/8/2020	12	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	10/8/2020	0.37	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	10/9/2020	0.37	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	10/9/2020	4.8	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.376	n/a	10/8/2020	3.7	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.376	n/a	10/8/2020	59	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.376	n/a	10/8/2020	50	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.376	n/a	10/9/2020	5.9	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.376	n/a	10/9/2020	31	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-103	6.614	n/a	10/8/2020	18	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-104	6.614	n/a	10/8/2020	95	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-105	6.614	n/a	10/8/2020	26	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-109	6.614	n/a	10/9/2020	22	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-110	6.614	n/a	10/9/2020	100	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	10/8/2020	4.13	Yes	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	10/8/2020	0.24	Yes	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	10/8/2020	0.26	Yes	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	10/8/2020	30	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	10/8/2020	590	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	10/8/2020	9.3	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	10/9/2020	25	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	10/9/2020	280	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	10/8/2020	120	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	10/8/2020	500	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	10/8/2020	260	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	10/9/2020	660	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/11/2021, 1:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	10/8/2020	0.033J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**10/8/2020**	**0.31**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**10/8/2020**	**12**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**10/8/2020**	**0.37**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	10/8/2020	0.031J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**10/9/2020**	**0.37**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**10/9/2020**	**4.8**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.376	n/a	10/8/2020	0.67	No	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.376**	**n/a**	**10/8/2020**	**3.7**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.376**	**n/a**	**10/8/2020**	**59**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.376**	**n/a**	**10/8/2020**	**50**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.376	n/a	10/8/2020	0.51	No	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.376**	**n/a**	**10/9/2020**	**5.9**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.376**	**n/a**	**10/9/2020**	**31**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	6.614	n/a	10/8/2020	6.4	No	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**6.614**	**n/a**	**10/8/2020**	**18**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**6.614**	**n/a**	**10/8/2020**	**95**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**6.614**	**n/a**	**10/8/2020**	**26**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	6.614	n/a	10/8/2020	5	No	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**6.614**	**n/a**	**10/9/2020**	**22**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**6.614**	**n/a**	**10/9/2020**	**100**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	10/8/2020	4.87	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	10/8/2020	4.98	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**10/8/2020**	**4.13**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003815**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	10/8/2020	6.29	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	10/8/2020	5.34	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	10/9/2020	4.77	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	10/9/2020	4.9	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	10/8/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-103**	**0.12**	**n/a**	**10/8/2020**	**0.24**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**10/8/2020**	**0.26**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	10/8/2020	0.04J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	10/8/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	10/8/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**10/8/2020**	**30**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**10/8/2020**	**590**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**10/8/2020**	**9.3**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	10/8/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**10/9/2020**	**25**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**10/9/2020**	**280**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	10/8/2020	32	No	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-103**	**110**	**n/a**	**10/8/2020**	**120**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**10/8/2020**	**500**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**10/8/2020**	**260**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	10/8/2020	100	No	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	10/9/2020	86	No	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**10/9/2020**	**660**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**10/12/2020**	**3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**10/12/2020**	**3.3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**10/12/2020**	**17**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Calcium (mg/L)	**MW-200**	**1.376**	**n/a**	**10/12/2020**	**74**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-201**	**1.376**	**n/a**	**10/12/2020**	**58**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-206**	**1.376**	**n/a**	**10/12/2020**	**300**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-200**	**6.614**	**n/a**	**10/12/2020**	**130**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-201**	**6.614**	**n/a**	**10/12/2020**	**82**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-206**	**6.614**	**n/a**	**10/12/2020**	**610**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**10/12/2020**	**0.46**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**10/12/2020**	**64**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**10/12/2020**	**110**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**10/12/2020**	**230**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**10/12/2020**	**600**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**10/12/2020**	**460**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**10/12/2020**	**2200**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2

Appendix III Interwell Prediction Limits - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**10/12/2020**	**3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**10/12/2020**	**3.3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**10/12/2020**	**17**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Calcium (mg/L)	**MW-200**	**1.376**	**n/a**	**10/12/2020**	**74**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-201**	**1.376**	**n/a**	**10/12/2020**	**58**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-206**	**1.376**	**n/a**	**10/12/2020**	**300**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-200**	**6.614**	**n/a**	**10/12/2020**	**130**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-201**	**6.614**	**n/a**	**10/12/2020**	**82**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-206**	**6.614**	**n/a**	**10/12/2020**	**610**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Fluoride (mg/L)	MW-200	0.12	n/a	10/12/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**10/12/2020**	**0.46**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-206	0.12	n/a	10/12/2020	0.04J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**10/12/2020**	**64**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**10/12/2020**	**110**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**10/12/2020**	**230**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**10/12/2020**	**600**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**10/12/2020**	**460**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**10/12/2020**	**2200**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2

Appendix III Intrawell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-200**	**5.263**	**4.716**	**10/12/2020**	**5.3**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**10/12/2020**	**4.82**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	10/7/2020	4.74	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	10/7/2020	5.08	No	13	4.955	0.258	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-107	5.412	4.406	10/7/2020	4.91	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	10/7/2020	4.8	No	12	4.773	0.1917	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-306	5.438	4.624	10/7/2020	5.13	No	13	5.031	0.1961	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-307	6.537	5.063	10/7/2020	5.5	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	**MW-200**	**5.263**	**4.716**	**10/12/2020**	**5.3**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	MW-201	5.704	4.463	10/12/2020	4.56	No	14	5.084	0.304	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**10/12/2020**	**4.82**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**

Appendix III Interwell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**10/8/2020**	**3.6**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**10/9/2020**	**0.68**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**10/8/2020**	**2.4**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Calcium (mg/L)	**MW-303**	**1.456**	**n/a**	**10/8/2020**	**100**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	**MW-304**	**1.456**	**n/a**	**10/9/2020**	**120**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	**MW-308**	**1.456**	**n/a**	**10/8/2020**	**55**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-300**	**6.725**	**n/a**	**10/9/2020**	**8.9**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-303**	**6.725**	**n/a**	**10/8/2020**	**230**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-304**	**6.725**	**n/a**	**10/9/2020**	**14**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-305**	**6.725**	**n/a**	**10/9/2020**	**7.5**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-308**	**6.725**	**n/a**	**10/8/2020**	**36**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**10/8/2020**	**160**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**10/9/2020**	**300**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**10/8/2020**	**170**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**10/8/2020**	**850**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**10/9/2020**	**580**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**10/8/2020**	**380**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2

Appendix III Interwell Prediction Limits - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	10/9/2020	0.025J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**10/8/2020**	**3.6**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**10/9/2020**	**0.68**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	MW-305	0.081	n/a	10/9/2020	0.018J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**10/8/2020**	**2.4**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Calcium (mg/L)	MW-300	1.456	n/a	10/9/2020	0.58	No	102	-0.3815	0.4191	0	None	ln(x)	0.001504	Param 1 of 2
Calcium (mg/L)	**MW-303**	**1.456**	**n/a**	**10/8/2020**	**100**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	**MW-304**	**1.456**	**n/a**	**10/9/2020**	**120**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	MW-305	1.456	n/a	10/9/2020	0.76	No	102	-0.3815	0.4191	0	None	ln(x)	0.001504	Param 1 of 2
Calcium (mg/L)	**MW-308**	**1.456**	**n/a**	**10/8/2020**	**55**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-300**	**6.725**	**n/a**	**10/9/2020**	**8.9**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-303**	**6.725**	**n/a**	**10/8/2020**	**230**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-304**	**6.725**	**n/a**	**10/9/2020**	**14**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-305**	**6.725**	**n/a**	**10/9/2020**	**7.5**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-308**	**6.725**	**n/a**	**10/8/2020**	**36**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Fluoride (mg/L)	MW-300	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	10/8/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-304	0.12	n/a	10/9/2020	0.04J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	10/8/2020	0.07J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Sulfate (mg/L)	MW-300	5	n/a	10/9/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001905	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**10/8/2020**	**160**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**10/9/2020**	**300**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5	n/a	10/9/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001905	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**10/8/2020**	**170**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-300	110	n/a	10/9/2020	52	No	102	n/a	n/a	26.47	n/a	n/a	0.0001875	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**10/8/2020**	**850**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**10/9/2020**	**580**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-305	110	n/a	10/9/2020	42	No	102	n/a	n/a	26.47	n/a	n/a	0.0001875	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**10/8/2020**	**380**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2

Appendix III Intrawell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:30 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-304**	**6.401**	**4.549**	**10/9/2020**	**6.49**	**Yes**	**14**	**5.475**	**0.4141**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:30 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	10/7/2020	4.74	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	10/7/2020	5.08	No	13	4.955	0.258	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-107	5.461	4.357	10/7/2020	4.91	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	10/7/2020	4.8	No	12	4.773	0.1917	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-306	5.478	4.584	10/7/2020	5.13	No	13	5.031	0.1961	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-307	6.609	4.991	10/7/2020	5.5	No	13	5.8	0.3549	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-300	5.229	4.305	10/9/2020	4.6	No	14	4.767	0.2067	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-303	7.152	5.968	10/8/2020	6.68	No	14	6.56	0.2649	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	**MW-304**	**6.401**	**4.549**	**10/9/2020**	**6.49**	**Yes**	**14**	**5.475**	**0.4141**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Field pH (SU)	MW-305	5.367	4.441	10/9/2020	4.93	No	14	4.904	0.2071	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-308	6.805	5.551	10/8/2020	5.78	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

Appendix III Trend Test Summary - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06879**	**69**	**63**	**Yes**	**17**	**23.53**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-103**	**-0.2642**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**91**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**2.386**	**105**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.672**	**84**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-25	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-19	-63	No	17	82.35	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.0156	-23	-68	No	18	16.67	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0.3887	33	68	No	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	0.1058	38	68	No	18	11.11	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-25	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06879**	**69**	**63**	**Yes**	**17**	**23.53**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.3257	63	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03825	45	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01915	-34	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-103**	**-0.2642**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-104	2.759	47	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	0.7929	11	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03081	-42	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.05435	42	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0	-1	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**91**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	2.38	38	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1902	51	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**2.386**	**105**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	-1	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	4.451	17	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.05999	-20	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-60	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2214	60	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1289	41	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**1.672**	**84**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	6.271	19	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02297	-20	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01946	-10	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01959	29	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.009346	-3	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.0066	4	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01128	-14	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	2	63	No	17	94.12	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-103	0	31	63	No	17	88.24	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.02672	-49	-68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	16	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-11	-63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.337	-35	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	33.21	20	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	2.456	17	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate (mg/L)	MW-306 (bg)	0	0	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	9	63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-109	-0.529	-21	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	18.62	60	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.611	29	63	No	17	23.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.195	18	63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-103	4.004	11	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	-32.27	-10	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	4.913	7	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.4612	23	63	No	17	41.18	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.4717	18	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.695	37	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	-0.4148	-6	-63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	40.29	44	68	No	18	0	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-7.907**	**-118**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-8.039**	**-103**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-20.49**	**-132**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-192.1**	**-127**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-202.3**	**-122**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-584**	**-143**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-333.3**	**-102**	**-68**	**Yes**	**18**	**5.556**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-419.4**	**-101**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1275**	**-124**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-81.11**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-103.6**	**-123**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-133.8**	**-114**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-1244**	**-126**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1174**	**-106**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3045**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-25	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-19	-63	No	17	82.35	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-25	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-7.907**	**-118**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-8.039**	**-103**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-20.49**	**-132**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-100 (bg)	0.03825	45	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01915	-34	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03081	-42	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.05435	42	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0	-1	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-192.1**	**-127**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-202.3**	**-122**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-584**	**-143**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1902	51	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.05999	-20	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-60	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2214	60	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1289	41	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-333.3**	**-102**	**-68**	**Yes**	**18**	**5.556**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-419.4**	**-101**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1275**	**-124**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.02297	-20	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01946	-10	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.009346	-3	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.0066	4	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01128	-14	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-200	0.05034	45	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-206	0.113	67	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	2	63	No	17	94.12	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	16	63	No	17	94.12	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.02633	-12	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-11	-63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	0	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	9	63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-200**	**-81.11**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-103.6**	**-123**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-133.8**	**-114**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.611	29	63	No	17	23.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.195	18	63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.4612	23	63	No	17	41.18	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.4717	18	63	No	17	29.41	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.695	37	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	-0.4148	-6	-63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-1244**	**-126**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1174**	**-106**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3045**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:36 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-29.44**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:36 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-25	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-19	-63	No	17	82.35	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-25	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.2033	21	68	No	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2906	42	68	No	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.5887	-47	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03825	45	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01915	-34	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03081	-42	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.05435	42	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0	-1	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-303	4.701	43	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	-5.048	-32	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-308	-4.526	-53	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1902	51	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.05999	-20	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-60	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2214	60	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1289	41	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0.04932	16	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	10.45	39	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-5.59	-14	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.1367	27	68	No	18	5.556	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	2.332	4	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02297	-20	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01946	-10	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.009346	-3	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.0066	4	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01128	-14	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-304	0.111	51	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-11	-63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	0	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	9	63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-303	0	7	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-32.3	-32	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-29.44**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.611	29	63	No	17	23.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.195	18	63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.4612	23	63	No	17	41.18	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.4717	18	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.695	37	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	-0.4148	-6	-63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	26.5	20	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-68.03	-30	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-38.1	-57	-68	No	18	0	n/a	n/a	0.01	NP

Tolerance Limit Summary Table

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:53 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.0025	84	n/a	n/a	100	n/a	n/a	0.01345	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.0013	90	n/a	n/a	88.89	n/a	n/a	0.009888	NP Inter(NDs)
Barium (mg/L)	n/a	0.01944	90	0.1136	0.01328	0	None	sqrt(x)	0.05	Inter
Beryllium (mg/L)	n/a	0.0015	90	n/a	n/a	90	n/a	n/a	0.009888	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0025	90	n/a	n/a	100	n/a	n/a	0.009888	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0059	89	n/a	n/a	85.39	n/a	n/a	0.01041	NP Inter(NDs)
Cobalt (mg/L)	n/a	0.0032	90	n/a	n/a	37.78	n/a	n/a	0.009888	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	n/a	2.252	90	1.006	0.1571	3.333	None	x^(1/3)	0.05	Inter
Fluoride (mg/L)	n/a	0.12	96	n/a	n/a	97.92	n/a	n/a	0.007269	NP Inter(NDs)
Lead (mg/L)	n/a	0.0013	90	n/a	n/a	96.67	n/a	n/a	0.009888	NP Inter(NDs)
Lithium (mg/L)	n/a	0.0054	89	n/a	n/a	70.79	n/a	n/a	0.01041	NP Inter(normality)
Mercury (mg/L)	n/a	0.00025	90	n/a	n/a	93.33	n/a	n/a	0.009888	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.015	90	n/a	n/a	96.67	n/a	n/a	0.009888	NP Inter(NDs)
Selenium (mg/L)	n/a	0.0025	90	n/a	n/a	80	n/a	n/a	0.009888	NP Inter(NDs)
Thallium (mg/L)	n/a	0.0005	90	n/a	n/a	100	n/a	n/a	0.009888	NP Inter(NDs)

PLANT CRIST GWPS				
Constituent Name	**MCL**	**CCR Rule-Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0025	0.006
Arsenic, Total (mg/L)	0.01		0.0013	0.01
Barium, Total (mg/L)	2		0.019	2
Beryllium, Total (mg/L)	0.004		0.0015	0.004
Cadmium, Total (mg/L)	0.005		0.0025	0.005
Chromium, Total (mg/L)	0.1		0.0059	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.0032	0.006
Combined Radium, Total (pCi/L)	5		2.25	5
Fluoride, Total (mg/L)	4		0.12	4
Lead, Total (mg/L)	0.015		0.0013	0.015
Lithium, Total (mg/L)	n/a	0.04	0.0054	0.04
Mercury, Total (mg/L)	0.002		0.00025	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.015	0.1
Selenium, Total (mg/L)	0.05		0.0025	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

MCL = Maximum Contaminant Level

GWPS = Groundwater Protection Standard

Confidence Interval Summary Table - 100 Series - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02119**	**0.01418**	**0.006**	**Yes**	**16**	**0.01769**	**0.005388**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.25**	**12.73**	**5**	**Yes**	**16**	**15.49**	**4.237**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.31**	**5.53**	**5**	**Yes**	**16**	**6.42**	**1.368**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006042**	**0.003613**	**0.002**	**Yes**	**16**	**0.004828**	**0.001867**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-102	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-103	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-104	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-105	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-106	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-109	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-110	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-102	0.0013	0.0005	0.01	No	16	0.00125	0.0002	93.75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.0021	0.00051	0.01	No	16	0.001231	0.0004017	81.25	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.007459	0.002914	0.01	No	16	0.005187	0.003493	6.25	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.00442	0.003655	0.01	No	16	0.004038	0.0005875	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-106	0.0013	0.0013	0.01	No	16	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-109	0.0013	0.00025	0.01	No	16	0.001234	0.0002625	93.75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.0013	0.00047	0.01	No	16	0.0009169	0.0004641	56.25	None	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.012	0.0085	2	No	16	0.009963	0.001485	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.06114	0.04534	2	No	16	0.05194	0.01459	0	None	x^2	0.01	Param.
Barium (mg/L)	MW-104	0.02554	0.01996	2	No	16	0.02275	0.004282	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04818	0.03695	2	No	16	0.04256	0.008633	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0096	2	No	16	0.01094	0.002031	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02193	0.01807	2	No	16	0.02	0.002966	0	None	No	0.01	Param.
Barium (mg/L)	MW-110	0.04674	0.03513	2	No	16	0.04094	0.008925	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0025	0.00011	0.004	No	16	0.002351	0.0005975	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-103	0.0025	0.0025	0.004	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.0012	0.000776	0.004	No	16	0.0009881	0.0003261	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-105	0.0025	0.0025	0.004	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-106	0.0025	0.0025	0.004	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-109	0.0025	0.000044	0.004	No	16	0.002346	0.000614	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0025	0.00013	0.004	No	16	0.002201	0.0008174	87.5	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-102	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-103	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.0025	0.00044	0.005	No	16	0.001502	0.001034	50	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-105	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-106	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-109	0.0025	0.000078	0.005	No	16	0.002349	0.0006055	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0025	0.00032	0.005	No	16	0.002214	0.0007814	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	16	0.002386	0.0005427	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0052	0.0011	0.1	No	16	0.002302	0.001113	75	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-104	0.002554	0.001806	0.1	No	16	0.002112	0.0004911	18.75	Cohen`s	No	0.01	Param.
Chromium (mg/L)	MW-105	0.0028	0.002	0.1	No	16	0.002406	0.0003415	6.25	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-106	0.0025	0.0019	0.1	No	16	0.002462	0.00015	93.75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0025	0.0025	0.1	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0025	0.0016	0.1	No	16	0.002182	0.0007273	81.25	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00023	0.006	No	16	0.002212	0.0007874	87.5	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00041	0.006	No	16	0.001741	0.001028	62.5	None	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02119**	**0.01418**	**0.006**	**Yes**	**16**	**0.01769**	**0.005388**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	16	0.002265	0.0006486	87.5	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.0004	0.006	No	16	0.001039	0.0008846	25	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.00634	0.003691	0.006	No	16	0.005016	0.002036	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-110	0.019	0.0047	0.006	No	16	0.009956	0.006677	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-102	1.822	1.186	5	No	16	1.534	0.5428	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.971	4.897	5	No	16	5.934	1.594	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.25**	**12.73**	**5**	**Yes**	**16**	**15.49**	**4.237**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.304	2.635	5	No	16	3.531	1.35	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.276	0.7164	5	No	16	1.02	0.4806	6.25	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.581	1.554	5	No	16	2.068	0.7896	0	None	No	0.01	Param.

Confidence Interval Summary Table - 100 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.31**	**5.53**	**5**	**Yes**	**16**	**6.42**	**1.368**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-102	0.1	0.1	4	No	17	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-103	0.24	0.037	4	No	17	0.1045	0.0381	88.24	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3547	0.2431	4	No	18	0.2989	0.09222	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.04	4	No	17	0.08241	0.02809	70.59	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-106	0.1	0.1	4	No	17	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.1	4	No	17	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	17	0.07876	0.02964	64.71	None	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.0013	0.00018	0.015	No	16	0.001158	0.0003895	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.0013	0.00011	0.015	No	16	0.001226	0.0002975	93.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.0024	0.001825	0.015	No	16	0.002113	0.0004425	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.0013	0.00091	0.015	No	16	0.001202	0.0003045	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.0013	0.00039	0.015	No	16	0.001243	0.0002275	93.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.0013	0.00067	0.015	No	16	0.001105	0.0004216	75	None	No	0.01	NP (normality)
Lead (mg/L)	MW-110	0.0013	0.00033	0.015	No	16	0.001056	0.0004363	75	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.005	0.0014	0.04	No	16	0.004281	0.001548	81.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.005	0.0015	0.04	No	16	0.003479	0.001687	50	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.035	0.02059	0.04	No	16	0.02838	0.01181	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.005	0.00039	0.04	No	16	0.004712	0.001152	93.75	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0073	0.0012	0.04	No	16	0.004019	0.00201	62.5	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006618	0.005055	0.04	No	16	0.005869	0.001277	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.01066	0.007564	0.04	No	16	0.009113	0.00238	0	None	No	0.01	Param.
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	16	0.0001867	0.00003621	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00016	0.002	No	16	0.0002187	0.0001092	81.25	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001348	0.000727	0.002	No	16	0.001066	0.0005237	0	None	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-105	0.0002	0.0002	0.002	No	16	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	16	0.0001925	0.00003	93.75	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	16	0.0005186	0.0008094	75	None	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.006042**	**0.003613**	**0.002**	**Yes**	**16**	**0.004828**	**0.001867**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-104	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.0054	0.0032	0.1	No	16	0.004987	0.003084	6.25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-106	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-110	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.0013	0.00029	0.05	No	16	0.001085	0.0004198	75	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-103	0.0029	0.001975	0.05	No	16	0.002438	0.0007108	6.25	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01164	0.005012	0.05	No	16	0.008744	0.005635	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-105	0.0013	0.00038	0.05	No	16	0.000905	0.0004677	56.25	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-106	0.0013	0.0013	0.05	No	16	0.0013	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.0013	0.00024	0.05	No	16	0.001165	0.000369	87.5	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003602	0.003161	0.05	No	16	0.003381	0.0003391	0	None	No	0.01	Param.
Thallium (mg/L)	MW-102	0.0005	0.00021	0.002	No	16	0.0004819	0.0000725	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0005	0.00015	0.002	No	16	0.0004485	0.0001425	87.5	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.000339	0.0002347	0.002	No	16	0.0002869	0.00008014	0	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.0005	0.00024	0.002	No	16	0.0004838	0.000065	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-106	0.0005	0.0005	0.002	No	16	0.0005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0005	0.00012	0.002	No	16	0.0004763	0.000095	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002981	0.0002331	0.002	No	16	0.0002656	0.00004993	0	None	No	0.01	Param.

Confidence Interval Summary Table - 200 Series - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.15**	**8.109**	**5**	**Yes**	**16**	**12.63**	**6.949**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**16**	**13.31**	**8.101**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**29.38**	**13.57**	**5**	**Yes**	**16**	**21.48**	**12.15**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 200 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-200	0.0025	0.0025	0.006	No	14	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	14	0.002286	0.0005447	85.71	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	14	0.0024	0.0003742	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.002919	0.0009315	0.01	No	16	0.002093	0.001748	12.5	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0068	0.0009	0.01	No	16	0.003084	0.003038	37.5	None	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-206	0.009888	0.002491	0.01	No	16	0.006934	0.006444	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.0647	0.03644	2	No	16	0.05057	0.02171	0	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.06768	0.03569	2	No	16	0.05169	0.02458	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1092	0.06072	2	No	16	0.08494	0.03723	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	16	0.002347	0.0006137	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	16	0.002348	0.0006077	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00048	0.004	No	16	0.001968	0.0009568	75	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	15	0.002127	0.0007778	80	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.014	0.0017	0.005	No	16	0.006456	0.005653	6.25	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0027	0.00055	0.005	No	16	0.001889	0.001067	6.25	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-200	0.0025	0.0025	0.1	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-201	0.0025	0.0011	0.1	No	13	0.002392	0.0003883	92.31	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0025	0.1	No	13	0.002508	0.00002774	92.31	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.002536	0.001308	0.006	No	16	0.001465	0.00063	25	Cohen`s	No	0.01	Param.
Cobalt (mg/L)	MW-201	0.002962	0.001477	0.006	No	16	0.002297	0.001305	6.25	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004744	0.002302	0.006	No	16	0.003523	0.001877	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.15**	**8.109**	**5**	**Yes**	**16**	**12.63**	**6.949**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**16**	**13.31**	**8.101**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**29.38**	**13.57**	**5**	**Yes**	**16**	**21.48**	**12.15**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.088	0.05	4	No	17	0.08118	0.06057	23.53	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7555	0.4867	4	No	18	0.6211	0.2222	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.1	0.045	4	No	18	0.06717	0.02656	5.556	None	No	0.01	NP (normality)
Lead (mg/L)	MW-200	0.001402	0.0007381	0.015	No	16	0.00107	0.0005101	12.5	None	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00061	0.015	No	16	0.001058	0.0003748	68.75	None	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.01	0.001	0.015	No	16	0.005639	0.004013	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	16	0.004756	0.001853	75	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-201	0.0078	0.0042	0.04	No	16	0.006856	0.007707	12.5	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0014	0.04	No	16	0.004537	0.001264	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002276	0.001008	0.002	No	16	0.001642	0.0009743	0	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00026	0.002	No	16	0.001363	0.00105	0	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.0007	0.0001	0.002	No	16	0.0003394	0.000288	25	None	No	0.01	NP (Cohens/xfrm)
Molybdenum (mg/L)	MW-200	0.015	0.0078	0.1	No	14	0.01449	0.001924	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.015	0.0015	0.1	No	14	0.01404	0.003608	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.015	0.00092	0.1	No	14	0.01399	0.003763	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01244	0.005167	0.05	No	16	0.009281	0.00577	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01167	0.004097	0.05	No	16	0.008475	0.005824	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-206	0.01876	0.01256	0.05	No	16	0.01566	0.004765	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.00041	0.00005	0.002	No	16	0.0002086	0.000169	25	None	No	0.01	NP (Cohens/xfrm)
Thallium (mg/L)	MW-201	0.0004225	0.0002087	0.002	No	16	0.0003156	0.0001643	0	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.00089	0.00023	0.002	No	16	0.0005869	0.0003067	0	None	No	0.01	NP (normality)

Confidence Interval Summary Table - 300 Series - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/13/2021, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-304**	**0.02083**	**0.006728**	**0.006**	**Yes**	**10**	**0.01378**	**0.007904**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**MW-303**	**1.59**	**0.8622**	**0.1**	**Yes**	**16**	**1.259**	**0.5919**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/13/2021, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-300	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-303	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-304	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-305	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-308	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-300	0.0013	0.0013	0.01	No	14	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-303	0.001588	0.0008995	0.01	No	14	0.001244	0.0004858	42.86	None	No	0.01	Param.
Arsenic (mg/L)	MW-304	0.005	0.00053	0.01	No	11	0.001841	0.001796	18.18	None	No	0.006	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-305	0.0013	0.00057	0.01	No	14	0.001185	0.0002938	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.0013	0.0011	0.01	No	14	0.001226	0.0002267	85.71	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	16	0.01131	0.0007932	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04574	0.02854	2	No	16	0.03863	0.01587	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04214	0.02724	2	No	16	0.03469	0.01145	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	16	0.01906	0.005221	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02725	0.02112	2	No	16	0.02419	0.004708	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-300	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-303	0.0025	0.000074	0.004	No	13	0.002313	0.0006729	92.31	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-304	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-305	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-308	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0025	0.000075	0.005	No	16	0.002348	0.0006062	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0025	0.00036	0.005	No	16	0.0009794	0.000915	25	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-304	0.0025	0.001	0.005	No	16	0.002296	0.0005606	87.5	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0025	0.000076	0.005	No	16	0.002348	0.000606	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0025	0.000089	0.005	No	16	0.002349	0.0006027	93.75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0025	0.1	No	13	0.002592	0.0003328	92.31	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0025	0.1	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0016	0.1	No	13	0.002331	0.0004211	84.62	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.0016	0.1	No	13	0.002431	0.0002496	84.62	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.0025	0.00082	0.1	No	13	0.002371	0.0004659	92.31	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.0025	0.00093	0.006	No	16	0.002119	0.0008327	81.25	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0025	0.00051	0.006	No	16	0.001317	0.0009518	37.5	None	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-304**	**0.02083**	**0.006728**	**0.006**	**Yes**	**10**	**0.01378**	**0.007904**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-305	0.0025	0.00044	0.006	No	16	0.001162	0.0009454	31.25	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.0025	0.00063	0.006	No	16	0.002262	0.0006508	87.5	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.563	4.75	5	No	16	5.156	0.6245	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-303	6.89	4.37	5	No	16	6.15	2.092	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-304	7.16	3.769	5	No	16	5.464	2.606	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.623	1.211	5	No	16	1.417	0.3165	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.086	2.248	5	No	16	2.667	0.6445	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	17	0.09653	0.01431	94.12	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2503	0.1608	4	No	18	0.2056	0.0739	5.556	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.06	4	No	17	0.09529	0.0371	47.06	None	No	0.01	NP (Cohens/xfrm)
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	17	0.09618	0.01576	94.12	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1353	0.07916	4	No	18	0.1072	0.04638	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.000083	0.015	No	13	0.001206	0.0003375	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.00011	0.015	No	13	0.001208	0.00033	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.0014	0.00041	0.015	No	13	0.0009385	0.0004446	46.15	None	No	0.01	NP (normality)
Lead (mg/L)	MW-305	0.0013	0.0013	0.015	No	13	0.0013	0	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-308	0.0013	0.0013	0.015	No	13	0.0013	0	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0014	0.04	No	16	0.004227	0.001669	81.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02828	0.02306	0.04	No	16	0.02575	0.004171	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.005	0.0023	0.04	No	16	0.004219	0.001398	68.75	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.005	0.0014	0.04	No	16	0.004213	0.001702	81.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.005	0.0013	0.04	No	16	0.0041	0.001624	75	None	No	0.01	NP (normality)

Confidence Interval Summary Table - 300 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/13/2021, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-300	0.0002	0.0002	0.002	No	16	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-303	0.0002	0.0002	0.002	No	16	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00082	0.0002	0.002	No	16	0.0004804	0.0003221	18.75	None	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.0002	0.00014	0.002	No	16	0.0001962	0.000015	93.75	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.0002	0.000087	0.002	No	16	0.0001929	0.00002825	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-300	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.59**	**0.8622**	**0.1**	**Yes**	**16**	**1.259**	**0.5919**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.015	0.0029	0.1	No	16	0.01014	0.005792	56.25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.015	0.0016	0.1	No	16	0.01416	0.00335	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.015	0.00098	0.1	No	16	0.01412	0.003505	93.75	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.0013	0.0013	0.05	No	16	0.0013	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.00611	0.003465	0.05	No	16	0.004788	0.002033	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006685	0.004089	0.05	No	15	0.005387	0.001916	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.0013	0.00027	0.05	No	16	0.001236	0.0002575	93.75	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005822	0.00364	0.05	No	16	0.004731	0.001677	0	None	No	0.01	Param.
Thallium (mg/L)	MW-300	0.0005	0.0005	0.002	No	16	0.0005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-303	0.00027	0.00017	0.002	No	16	0.0002344	0.00008907	6.25	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-304	0.0002586	0.0001363	0.002	No	16	0.0002128	0.0001241	12.5	None	ln(x)	0.01	Param.
Thallium (mg/L)	MW-305	0.0005	0.0005	0.002	No	16	0.0005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-308	0.000335	0.000235	0.002	No	16	0.000285	0.00007685	6.25	None	No	0.01	Param.

Prediction Limits - 100, 200 & 300 Series

100 Series

Appendix III Interwell Prediction Limits - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/11/2021, 1:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-103	0.081	n/a	10/8/2020	0.31	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	10/8/2020	12	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	10/8/2020	0.37	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	10/9/2020	0.37	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	10/9/2020	4.8	Yes	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.376	n/a	10/8/2020	3.7	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.376	n/a	10/8/2020	59	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.376	n/a	10/8/2020	50	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.376	n/a	10/9/2020	5.9	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.376	n/a	10/9/2020	31	Yes	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-103	6.614	n/a	10/8/2020	18	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-104	6.614	n/a	10/8/2020	95	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-105	6.614	n/a	10/8/2020	26	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-109	6.614	n/a	10/9/2020	22	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-110	6.614	n/a	10/9/2020	100	Yes	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	10/8/2020	4.13	Yes	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	10/8/2020	0.24	Yes	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	10/8/2020	0.26	Yes	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	10/8/2020	30	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	10/8/2020	590	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	10/8/2020	9.3	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	10/9/2020	25	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	10/9/2020	280	Yes	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	10/8/2020	120	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	10/8/2020	500	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	10/8/2020	260	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	10/9/2020	660	Yes	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/11/2021, 1:43 PM

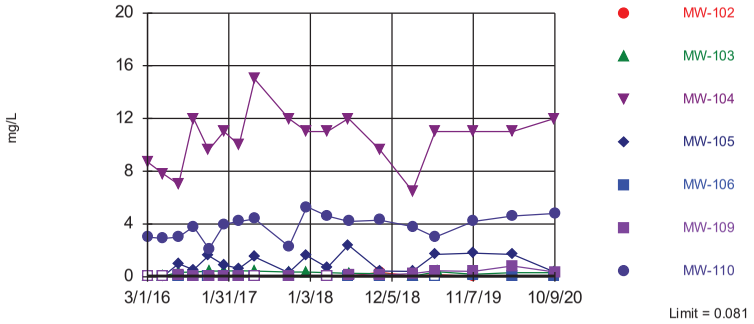
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	10/8/2020	0.033J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**10/8/2020**	**0.31**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**10/8/2020**	**12**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**10/8/2020**	**0.37**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	10/8/2020	0.031J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**10/9/2020**	**0.37**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**10/9/2020**	**4.8**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.376	n/a	10/8/2020	0.67	No	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.376**	**n/a**	**10/8/2020**	**3.7**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.376**	**n/a**	**10/8/2020**	**59**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.376**	**n/a**	**10/8/2020**	**50**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.376	n/a	10/8/2020	0.51	No	102	-0.3815	0.4191	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.376**	**n/a**	**10/9/2020**	**5.9**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.376**	**n/a**	**10/9/2020**	**31**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	6.614	n/a	10/8/2020	6.4	No	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**6.614**	**n/a**	**10/8/2020**	**18**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**6.614**	**n/a**	**10/8/2020**	**95**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**6.614**	**n/a**	**10/8/2020**	**26**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	6.614	n/a	10/8/2020	5	No	102	5.234	0.825	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**6.614**	**n/a**	**10/9/2020**	**22**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**6.614**	**n/a**	**10/9/2020**	**100**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	10/8/2020	4.87	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	10/8/2020	4.98	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**10/8/2020**	**4.13**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003815**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	10/8/2020	6.29	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	10/8/2020	5.34	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	10/9/2020	4.77	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	10/9/2020	4.9	No	101	n/a	n/a	0	n/a	n/a	0.0003815	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	10/8/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-103**	**0.12**	**n/a**	**10/8/2020**	**0.24**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**10/8/2020**	**0.26**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	10/8/2020	0.04J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	10/8/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	10/8/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**10/8/2020**	**30**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**10/8/2020**	**590**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**10/8/2020**	**9.3**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	10/8/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001907	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**10/9/2020**	**25**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**10/9/2020**	**280**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	10/8/2020	32	No	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-103**	**110**	**n/a**	**10/8/2020**	**120**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**10/8/2020**	**500**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**10/8/2020**	**260**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	10/8/2020	100	No	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	10/9/2020	86	No	102	n/a	n/a	26.47	n/a	n/a	0.0001878	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**10/9/2020**	**660**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 102 background values. 85.29% NDs. Annual per-constituent alpha = 0.001126. Individual comparison alpha = 0.0001878 (1 of 2). Comparing 7 points to limit.

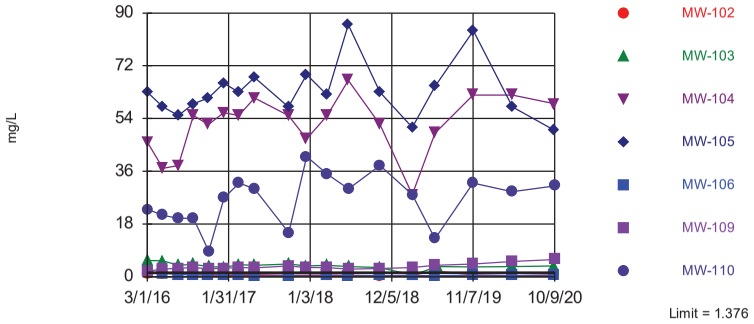
Constituent: Boron Analysis Run 1/11/2021 1:40 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3815, Std. Dev.=0.4191, n=102. Normality test: Chi Squared @alpha = 0.01, calculated = 12.31, critical = 14.07. Kappa = 1.672 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 7 points to limit.

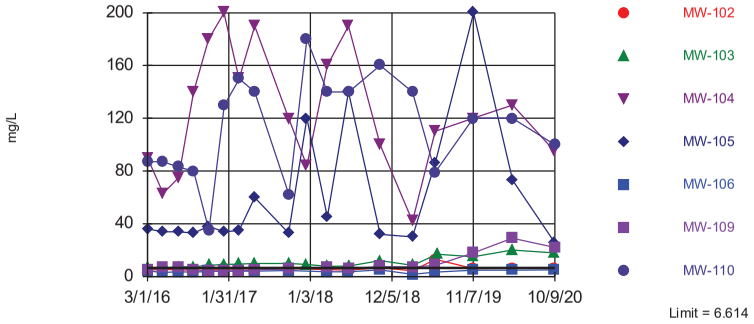
Constituent: Calcium Analysis Run 1/11/2021 1:40 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.234, Std. Dev.=0.825, n=102. Normality test: Chi Squared @alpha = 0.01, calculated = 6.431, critical = 14.07. Kappa = 1.672 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 7 points to limit.

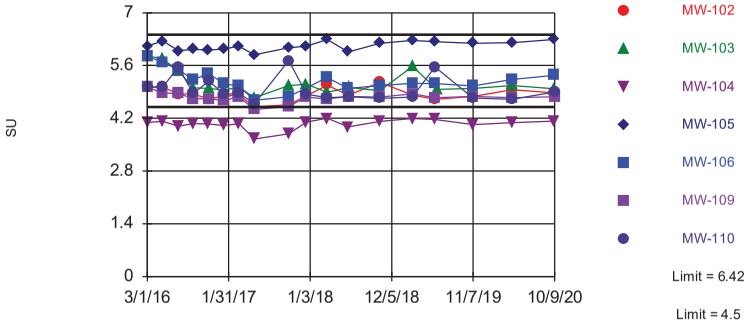
Constituent: Chloride Analysis Run 1/11/2021 1:40 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limits: MW-104

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 101 background values. Annual per-constituent alpha = 0.002288. Individual comparison alpha = 0.0003815 (1 of 2). Comparing 7 points to limit.

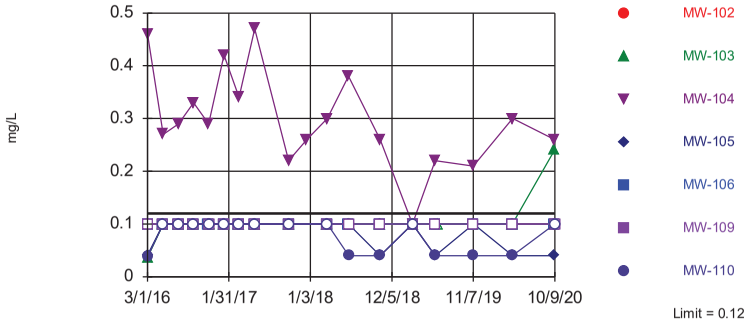
Constituent: Field pH Analysis Run 1/11/2021 1:40 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 102 background values. 98.04% NDs. Annual per-constituent alpha = 0.001126. Individual comparison alpha = 0.0001878 (1 of 2). Comparing 7 points to limit.

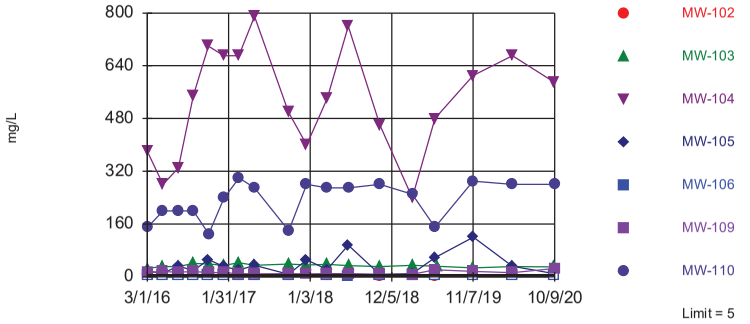
Constituent: Fluoride Analysis Run 1/11/2021 1:40 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 101 background values. 76.24% NDs. Annual per-constituent alpha = 0.001144. Individual comparison alpha = 0.0001907 (1 of 2). Comparing 7 points to limit.

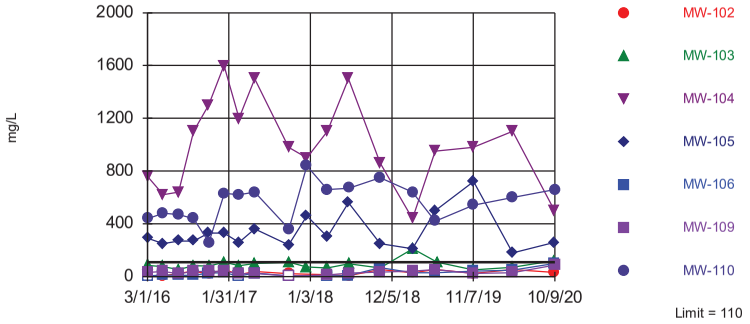
Constituent: Sulfate Analysis Run 1/11/2021 1:40 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 102 background values. 26.47% NDs. Annual per-constituent alpha = 0.001126. Individual comparison alpha = 0.0001878 (1 of 2). Comparing 7 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/11/2021 1:40 PM View: PL's Interwell 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05 (*)	8.7	<0.05	<0.05 (*)	<0.05
3/2/2016									
5/2/2016	<0.05	<0.05	<0.05						<0.05
5/3/2016							<0.05		
5/4/2016				<0.05					
5/5/2016					<0.05 (*)	7.8		<0.05 (*)	
7/5/2016	<0.05	<0.05	<0.05				<0.05		<0.05
7/7/2016					1	7		0.33	
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05			<0.05		<0.05
9/7/2016					0.53	12		0.37	
11/7/2016	<0.05	<0.05	<0.05				<0.05		<0.05
11/9/2016					1.6	9.6			
11/10/2016				<0.05				0.43	
1/9/2017	<0.05	<0.05	<0.05				<0.05		<0.05
1/11/2017				<0.05	0.9	11			
1/12/2017								0.44	
3/13/2017	<0.05	<0.05	0.022 (J)				<0.05		<0.05
3/14/2017				<0.05	0.63	10			
3/15/2017								0.46	
5/15/2017	<0.05	<0.05	<0.05				<0.05		<0.05
5/18/2017				<0.05	1.5	15		0.44	
10/2/2017	<0.05	<0.05	0.023 (J)				<0.05		<0.05
10/5/2017				<0.05	0.32	12			
10/6/2017								0.37	
12/19/2017					1.6 (R)	11 (R)		0.35 (R)	
3/12/2018	<0.05	<0.05	<0.05				<0.05		<0.05
3/14/2018				<0.05	0.7	11		0.32	
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018							<0.05		<0.05
6/10/2018				<0.05	2.4	12			
6/11/2018								0.26	
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018							<0.05		<0.05
10/18/2018				0.081	0.43	9.6		0.25	
10/19/2018									
2/27/2019	<0.05	<0.05	<0.05	<0.05			<0.05		<0.05
3/1/2019					0.4	6.5			
3/2/2019								<0.05	
5/31/2019	<0.05	<0.05	<0.05	<0.05			<0.05		<0.05
6/3/2019					1.7	11			
6/11/2019								0.39	
11/6/2019	0.017 (V)	0.016 (V)	0.022 (V)	0.016 (V)			0.011 (V)		0.0099 (J)
11/7/2019						11		0.19	
11/9/2019					1.8				
4/16/2020	0.02	0.013	0.017	0.013			0.0075 (J)		0.0055 (J)
4/17/2020								0.31	
4/18/2020					1.7	11			
10/7/2020	<0.05	<0.05	<0.05	<0.05			<0.05		<0.05
10/8/2020					0.37	12		0.31	
10/9/2020									

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<0.05	<0.05		
3/2/2016			3	<0.05 (*)
5/2/2016				
5/3/2016				
5/4/2016		<0.05 (*)		
5/5/2016	<0.05		2.9	<0.05 (*)
7/5/2016				
7/7/2016	<0.05		3	0.1
7/8/2016		<0.05		
9/6/2016	<0.05			
9/7/2016		0.022 (J)	3.8	0.073
11/7/2016				
11/9/2016		<0.05		
11/10/2016	<0.05		2.1	0.073
1/9/2017				
1/11/2017		<0.05		
1/12/2017	<0.05		4	0.059
3/13/2017				
3/14/2017		0.071		0.044 (J)
3/15/2017	<0.05		4.2	
5/15/2017				
5/18/2017	<0.05	<0.05 (*)	4.4	<0.05 (*)
10/2/2017				
10/5/2017		<0.05		0.047 (J)
10/6/2017	<0.05		2.3	
12/19/2017			5.3 (R)	
3/12/2018				
3/14/2018	<0.05	<0.05	4.6	<0.05
6/5/2018				
6/6/2018				
6/10/2018		0.066		
6/11/2018	<0.05		4.2	0.11
10/16/2018				
10/17/2018				
10/18/2018		0.067	4.3	0.15
10/19/2018	0.34			
2/27/2019				
3/1/2019		0.048 (J)	3.8	0.23
3/2/2019	<0.05			
5/31/2019				
6/3/2019	0.17	<0.05	3	0.45
6/11/2019				
11/6/2019				
11/7/2019			4.2	0.42
11/9/2019	0.023 (J)	0.097 (V)		
4/16/2020				
4/17/2020		0.07	4.6	0.83
4/18/2020	0.012			
10/7/2020				
10/8/2020	0.033 (J)	0.031 (J)		
10/9/2020			4.8	0.37

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	1	0.67	1.4	1 (J)					
3/1/2016					63	46	0.6	5.6	1.5
3/2/2016									
5/2/2016	0.78	0.58	1.1						0.83
5/3/2016							0.55		
5/4/2016				0.62					
5/5/2016					58	37		5.4	
7/5/2016	0.65	0.43	0.94				0.53		1.6
7/7/2016					55	38		3.9	
7/8/2016				0.4					
9/6/2016	0.7	0.48	1	0.45			0.5		1.6
9/7/2016					59	55		4.2	
11/7/2016	0.8	0.56	1.2				0.68		1.5
11/9/2016					61	52			
11/10/2016				0.44				3.5	
1/9/2017	0.74	0.43	1.2				0.56		0.98
1/11/2017				0.42	66	56			
1/12/2017								3.3	
3/13/2017	0.78	0.48	1.3				0.62		0.75
3/14/2017				0.42	63	55			
3/15/2017								4.1	
5/15/2017	0.76	0.37	1				0.58		0.83
5/18/2017				0.38	68	61		3.9	
10/2/2017	0.78	0.47	1.2				0.62		0.83
10/5/2017				0.39	58	55			
10/6/2017								4.3	
12/19/2017					69 (R)	47 (R)		3.7 (R)	
3/12/2018	0.88	0.49	1.4				0.59		0.71
3/14/2018				0.49	62	55		3.9	
6/5/2018	0.9	0.49	1.2						
6/6/2018							0.59		0.68
6/10/2018				0.39	86	67			
6/11/2018								3.5	
10/16/2018	0.86	0.42	1.4						
10/17/2018							0.54		0.66
10/18/2018				0.41	63	52		3.1	
10/19/2018									
2/27/2019	0.96	0.56	1.3	0.44			0.63		0.7
3/1/2019					51	28			
3/2/2019								0.56	
5/31/2019	0.76	0.33	1.1	0.28			0.45		0.52
6/3/2019					65	49			
6/11/2019								3.5	
11/6/2019	0.88	0.49	1.2	0.46			0.55		0.74
11/7/2019						62		3.4	
11/9/2019					84				
4/16/2020	0.84	0.36	1.3	0.38			0.53		0.59
4/17/2020								3.5	
4/18/2020					58	62			
10/7/2020	0.93	0.43	1.6	0.47			0.63		0.67
10/8/2020					50	59		3.7	
10/9/2020									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	0.99 (J)	1.8		
3/2/2016			23	2
5/2/2016				
5/3/2016				
5/4/2016		1.1		
5/5/2016	1.2		21	2.6
7/5/2016				
7/7/2016	1.1		20	2.9
7/8/2016		0.82		
9/6/2016	1			
9/7/2016		0.57	20	3.1
11/7/2016				
11/9/2016		0.62		
11/10/2016	0.73		8.7	2.7
1/9/2017				
1/11/2017		0.44		
1/12/2017	0.63		27	2.9
3/13/2017				
3/14/2017		0.46		3.1
3/15/2017	0.72		32	
5/15/2017				
5/18/2017	0.71	0.41	30	3
10/2/2017				
10/5/2017		0.39		3.7
10/6/2017	0.56		15	
12/19/2017			41 (R)	3.1 (R)
3/12/2018				
3/14/2018	0.63	0.47	35	3.1
6/5/2018				
6/6/2018				
6/10/2018		0.39		
6/11/2018	0.55		30	2.6
10/16/2018				
10/17/2018				
10/18/2018		0.47	38	2.8
10/19/2018	0.37			
2/27/2019				
3/1/2019		0.46	28	3.1
3/2/2019	0.57			
5/31/2019				
6/3/2019	2	0.38	13	3.9
6/11/2019				
11/6/2019				
11/7/2019			32	4.3
11/9/2019	0.61 (V)	0.56 (V)		
4/16/2020				
4/17/2020		0.42	29	5.2
4/18/2020	0.45			
10/7/2020				
10/8/2020	0.67	0.51		
10/9/2020			31	5.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	5.3	8.1	7.4	5.4					
3/1/2016					36	90	5.6	6.6	4
3/2/2016									
5/2/2016	4.4	6	6.3						3.6
5/3/2016							5.1		
5/4/2016				4.5					
5/5/2016					34	63		6.5	
7/5/2016	4.2	5.2	4.8				4.7		3.6
7/7/2016					34	75		7.3	
7/8/2016				4.9					
9/6/2016	4.3	5.5	6	4.3			4.4		4
9/7/2016					33	140		7.4	
11/7/2016	4.2	5.4	5.7				4.6		4.4
11/9/2016					38	180			
11/10/2016				4.5				8.4	
1/9/2017	5.3	6.1	6.8				5.3		4.4
1/11/2017				5.3	34	200			
1/12/2017								9.2	
3/13/2017	5.2	5.5	6.8				5.6		4.1
3/14/2017				5.5	35	150			
3/15/2017								9.5	
5/15/2017	4.8	4.7	6.1				5.2		3.7
5/18/2017				5	60	190		9.9	
10/2/2017	5.5	6.1	6				5.5		4.8
10/5/2017				5.6	33	120			
10/6/2017								10	
12/19/2017					120 (R)	84 (R)		9.3 (R)	
3/12/2018	5.3	6.1	5.9				5.6		4
3/14/2018				5.2	45	160		7.7	
6/5/2018	5.3	5.5	6.5						
6/6/2018							5.6		4.1
6/10/2018				5.2	140	190			
6/11/2018								8	
10/16/2018	5.5	5.1	5.9						
10/17/2018							5.5		3.7
10/18/2018				5.2	32	100		12	
10/19/2018									
2/27/2019	4.6	5	4.3	5.1			5.1		4
3/1/2019					30	42			
3/2/2019								8.5	
5/31/2019	5.1	5.4	4.5	5			5.4		3.7
6/3/2019					86	110			
6/11/2019								17	
11/6/2019	5.8	6.1	5.7	6			5.9		4.7
11/7/2019						120		15	
11/9/2019					200				
4/16/2020	6.1	5.3	5.6	5.8			6.2		4.9
4/17/2020								20	
4/18/2020					73	130			
10/7/2020	6.6	5.7	5.1	5.9			6.1		4.7
10/8/2020					26	95		18	
10/9/2020									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	4.8	4.4		
3/2/2016			87	5
5/2/2016				
5/3/2016				
5/4/2016		3		
5/5/2016	5.6		87	6.8
7/5/2016				
7/7/2016	5		83	6.7
7/8/2016		3.5		
9/6/2016	4.8			
9/7/2016		3.3	80	4.8
11/7/2016				
11/9/2016		3.9		
11/10/2016	4.7		35	4.2
1/9/2017				
1/11/2017		4.1		
1/12/2017	5.6		130	4.4
3/13/2017				
3/14/2017		4		4.4
3/15/2017	5.9		150	
5/15/2017				
5/18/2017	5.7	4	140	5
10/2/2017				
10/5/2017		4.5		5.8
10/6/2017	6		62	
12/19/2017			180 (R)	
3/12/2018				
3/14/2018	5.2	3.7	140	6.9
6/5/2018				
6/6/2018				
6/10/2018		3.6		
6/11/2018	4.9		140	6
10/16/2018				
10/17/2018				
10/18/2018		5	160	7.5
10/19/2018	6.7			
2/27/2019				
3/1/2019		1.7 (J)	140	7.2
3/2/2019	4.4			
5/31/2019				
6/3/2019	13	3.3	79	8.5
6/11/2019				
11/6/2019				
11/7/2019			120	18
11/9/2019	6.1	4.7		
4/16/2020				
4/17/2020		4.8	120	29
4/18/2020	6.3			
10/7/2020				
10/8/2020	6.4	5		
10/9/2020			100	22

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	5.11	5.11	4.9	5.26					
3/1/2016					6.12	4.09	5.08	5.86	6.37
3/2/2016									
5/2/2016	4.76	4.77	4.69						5.605 (D)
5/3/2016							5.14		
5/4/2016				5.1					
5/5/2016					6.25	4.12		5.77	
7/5/2016	5.12	5.48	7.11 (o)				5.38		6.29
7/7/2016					5.99	3.99		5.45	
7/8/2016				4.96					
9/6/2016	5.11	5.12	5.19	5.43			5.37		6.42
9/7/2016					6.03	4.06		5.01	
11/7/2016	4.76	4.73	4.64				4.92		5.75
11/9/2016					6.01	4.05			
11/10/2016				4.89				4.99	
1/9/2017	4.99	5	4.94				5.05		5.98
1/11/2017				4.87	6.04	4.01			
1/12/2017								4.95	
3/13/2017	4.57	4.74	4.63				4.87		5.81
3/14/2017				4.71	6.11	4.06			
3/15/2017								5.03	
5/15/2017	4.6	4.63	4.52				4.69		5.42
5/18/2017				4.5	5.88	3.65		4.75	
10/2/2017	4.64	4.63	4.54				4.88		5.63
10/5/2017				4.63	6.07	3.79			
10/6/2017								5.07	
12/19/2017					6.11 (R)	4.1 (R)		5.1 (R)	
3/12/2018	4.85	4.81	4.81				5.07		5.6
3/14/2018				5.14	6.29	4.2		4.89	
6/5/2018	4.92	5.04	4.9						
6/6/2018							5.09		5.58
6/10/2018				5.12	5.96	3.97			
6/11/2018								5.02	
10/16/2018	4.93	4.98	4.81						
10/17/2018							4.99		5.54
10/18/2018				4.97	6.19	4.12		4.93	
10/19/2018									
2/27/2019	4.75	4.78	4.71	4.84			4.87		5.4
3/1/2019					6.27	4.19			
3/2/2019								5.58	
5/31/2019	4.9	4.92	4.84	4.92			4.89		5.45
6/3/2019					6.23	4.17			
6/11/2019								4.97	
11/6/2019	4.82	4.88	4.78	4.94			5.04		5.52
11/7/2019						4.03		4.99	
11/9/2019					6.19				
4/16/2020	5.03	5.15	4.96	5.17			5.13		5.58
4/17/2020								5.07	
4/18/2020					6.21	4.08			
10/7/2020	4.74	4.91	4.8	5.08			5.13		5.5
10/8/2020					6.29	4.13		4.98	
10/9/2020									

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	5.03	5.84		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016				
5/3/2016				
5/4/2016		5.69		
5/5/2016	5.03		5.04	4.87
7/5/2016				
7/7/2016	4.85		5.55	4.86
7/8/2016		5.49		
9/6/2016	4.84			
9/7/2016		5.22	4.86	4.72
11/7/2016				
11/9/2016		5.39		
11/10/2016	4.72		5.19	4.72
1/9/2017				
1/11/2017		5.12		
1/12/2017	4.79		4.84	4.67
3/13/2017				
3/14/2017		5.05		4.77
3/15/2017	4.81		4.86	
5/15/2017				
5/18/2017	4.5	4.68	4.59	4.43
10/2/2017				
10/5/2017		4.77		4.52
10/6/2017	4.56		5.73	
12/19/2017			4.84 (R)	4.76 (R)
3/12/2018				
3/14/2018	5.08	5.28	4.75	4.71
6/5/2018				
6/6/2018				
6/10/2018		4.99		
6/11/2018	4.81		4.77	4.78
10/16/2018				
10/17/2018				
10/18/2018		5.07	4.73	4.76
10/19/2018	5.15			
2/27/2019				
3/1/2019		5.13	4.76	4.85
3/2/2019	4.81			
5/31/2019				
6/3/2019	4.7	5.12	5.56	4.75
6/11/2019				
11/6/2019				
11/7/2019			4.74	4.78
11/9/2019	4.78	5.06		
4/16/2020				
4/17/2020		5.23	4.7	4.75
4/18/2020	4.96			
10/7/2020				
10/8/2020	4.87	5.34		
10/9/2020			4.9	4.77

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					0.041 (J)	0.46	<0.1	0.037 (J)	0.033 (J)
3/2/2016									
5/2/2016	<0.1	<0.1	<0.1						<0.1
5/3/2016							<0.1		
5/4/2016				<0.1					
5/5/2016					<0.1	0.27		<0.1	
7/5/2016	<0.1	<0.1	<0.1				<0.1		<0.1
7/7/2016					<0.1	0.29		<0.1	
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
9/7/2016					<0.1	0.33		<0.1	
11/7/2016	<0.1	<0.1	<0.1				<0.1		<0.1
11/9/2016					<0.1	0.29			
11/10/2016				<0.1				<0.1	
1/9/2017	<0.1	<0.1	<0.1				<0.1		<0.1
1/11/2017				<0.1	<0.1	0.42			
1/12/2017								<0.1	
3/13/2017	<0.1	<0.1	<0.1				<0.1		<0.1
3/14/2017				<0.1	<0.1	0.34			
3/15/2017								<0.1	
5/15/2017	<0.1	<0.1	<0.1				<0.1		<0.1
5/18/2017				<0.1	<0.1	0.47		<0.1	
10/2/2017	<0.1	<0.1	<0.1				<0.1		<0.1
10/5/2017				<0.1	<0.1	0.22			
10/6/2017								<0.1	
12/19/2017						0.26 (R)			
3/12/2018	<0.1	<0.1	<0.1				<0.1		<0.1
3/14/2018				0.12	<0.1	0.3		<0.1	
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018							<0.1		<0.1
6/10/2018				<0.1	<0.1	0.38			
6/11/2018								<0.1	
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018							<0.1		<0.1
10/18/2018				<0.1	0.04 (J)	0.26		<0.1	
10/19/2018									
2/27/2019	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
3/1/2019					<0.1	0.1			
3/2/2019								<0.1	
5/31/2019	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
6/3/2019					0.04 (J)	0.22			
6/11/2019								<0.1	
11/6/2019	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
11/7/2019						0.21		<0.1	
11/9/2019					<0.1				
4/16/2020	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
4/17/2020								<0.1	
4/18/2020					0.04 (J)	0.3			
10/7/2020	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1
10/8/2020					0.04 (J)	0.26		0.24	
10/9/2020									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<0.1	<0.1		
3/2/2016			0.039 (J)	<0.1
5/2/2016				
5/3/2016				
5/4/2016		<0.1		
5/5/2016	<0.1		<0.1	<0.1
7/5/2016				
7/7/2016	<0.1		<0.1	<0.1
7/8/2016		<0.1		
9/6/2016	<0.1			
9/7/2016		<0.1	<0.1	<0.1
11/7/2016				
11/9/2016		<0.1		
11/10/2016	<0.1		<0.1	<0.1
1/9/2017				
1/11/2017		<0.1		
1/12/2017	<0.1		<0.1	<0.1
3/13/2017				
3/14/2017		<0.1		<0.1
3/15/2017	<0.1		<0.1	
5/15/2017				
5/18/2017	<0.1	<0.1	<0.1	<0.1
10/2/2017				
10/5/2017		<0.1		<0.1
10/6/2017	<0.1		<0.1	
12/19/2017				
3/12/2018				
3/14/2018	<0.1	<0.1	<0.1	<0.1
6/5/2018				
6/6/2018				
6/10/2018		<0.1		
6/11/2018	<0.1		0.04 (J)	<0.1
10/16/2018				
10/17/2018				
10/18/2018		<0.1	0.04 (J)	<0.1
10/19/2018	<0.1			
2/27/2019				
3/1/2019		<0.1	<0.1	<0.1
3/2/2019	<0.1			
5/31/2019				
6/3/2019	<0.1	<0.1	0.04 (J)	<0.1
6/11/2019				
11/6/2019				
11/7/2019			0.04 (J)	<0.1
11/9/2019	<0.1	<0.1		
4/16/2020				
4/17/2020		<0.1	0.04 (J)	<0.1
4/18/2020	<0.1			
10/7/2020				
10/8/2020	<0.1	<0.1		
10/9/2020			<0.1	<0.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-104	MW-102	MW-306 (bg)	MW-106	MW-105
2/29/2016	<5	<5	1.6 (J)	<5					
3/1/2016					380	<5	<5	<5	17
3/2/2016									
5/2/2016	15 (o)	<5	2.1 (J)						
5/3/2016							<5		
5/4/2016				<5				<5	
5/5/2016					280	<5			11
7/5/2016	<5	<5	2 (J)				<5		
7/7/2016					330	<5			33
7/8/2016				<5				<5	
9/6/2016	<5	<5	1.8 (J)	<5		<5	<5		
9/7/2016					550			<5	18
11/7/2016	<5	<5	1.7 (J)				<5		
11/9/2016					700			<5	52
11/10/2016				<5		<5			
1/9/2017	<5	2.6 (J)	1.5 (J)				<5		
1/11/2017				<5	670			<5	31
1/12/2017						<5			
3/13/2017	2.5 (J)	<5	2.2 (J)				<5		
3/14/2017				<5	670			<5	20
3/15/2017						<5 (*)			
5/15/2017	<5	<5	1.9 (J)				<5		
5/18/2017				<5 (X)	790	<5 (X)		<5 (X)	35
10/2/2017	<5	<5	3.4 (J)				1.5 (J)		
10/5/2017				<5	500			<5	7.7
10/6/2017						<5			
12/19/2017					400 (R)				51 (R)
3/12/2018	<5	<5	2.6 (J)				<5		
3/14/2018				<5	540	<5		<5	22
6/5/2018	<5	<5	2.6 (J)						
6/6/2018							<5		
6/10/2018				1.5 (J)	760			1.4 (J)	96
6/11/2018						1.7 (J)			
10/16/2018	<5	<5	2.8 (J)						
10/17/2018							<5		
10/18/2018				<5	460			<5	6.6
10/19/2018						3.4 (J)			
2/27/2019	<5	<5	2.4 (J)	1.9 (J)			<5		
3/1/2019					240			<5	9.6
3/2/2019						<5			
5/31/2019	<5	<5	3.3 (J)	<5			<5		
6/3/2019					480	3.5 (J)		<5	58
6/11/2019									
11/6/2019	<5	<5	3.7 (J)	<5			<5		
11/7/2019					610				
11/9/2019						<5		<5	120
4/16/2020	<5	<5	1.7 (J)	<5			<5		
4/17/2020								<5	
4/18/2020					670	<5			32
10/7/2020	<5	<5	4 (J)	<5			<5		
10/8/2020					590	<5		<5	9.3
10/9/2020									

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-307 (bg)	MW-109	MW-110
2/29/2016				
3/1/2016	26	<5		
3/2/2016			13	150
5/2/2016		<5		
5/3/2016				
5/4/2016				
5/5/2016	31		15	200
7/5/2016		<5		
7/7/2016	31		14	200
7/8/2016				
9/6/2016		3.7 (J)		
9/7/2016	41		15	200
11/7/2016		<5		
11/9/2016				
11/10/2016	39		13	130
1/9/2017		<5		
1/11/2017				
1/12/2017	35		12	240
3/13/2017		<5		
3/14/2017			10 (V)	
3/15/2017	43			300
5/15/2017		<5		
5/18/2017	35		8.7	270
10/2/2017		1.7 (J)		
10/5/2017			9.8	
10/6/2017	39			140
12/19/2017	36 (R)		8.4 (R)	280 (R)
3/12/2018		<5		
3/14/2018	38		9.7	270
6/5/2018				
6/6/2018		<5		
6/10/2018				
6/11/2018	34		10	270
10/16/2018				
10/17/2018		<5		
10/18/2018	31		8.1	280
10/19/2018				
2/27/2019		<5		
3/1/2019			7.4	250
3/2/2019	35			
5/31/2019		<5		
6/3/2019			21	150
6/11/2019	32			
11/6/2019		<5		
11/7/2019	27		16	290
11/9/2019				
4/16/2020		<5		
4/17/2020	31		12	280
4/18/2020				
10/7/2020		<5		
10/8/2020	30			
10/9/2020			25	280

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-306 (bg)	MW-103	MW-307 (bg)
2/29/2016	20	<5	12	20					
3/1/2016					290	760	10	84	<5
3/2/2016									
5/2/2016	<5	<5	6						36
5/3/2016							<5		
5/4/2016				6					
5/5/2016					250	620		76	
7/5/2016	12	14	<5				<5		<5
7/7/2016					270	640		54	
7/8/2016				6					
9/6/2016	36	30	38	36			36		44
9/7/2016					270	1100		82	
11/7/2016	18	8	<5				<5		30
11/9/2016					330	1300			
11/10/2016				16				80	
1/9/2017	4 (J)	<5	14				<5		12
1/11/2017				38	330	1600			
1/12/2017								110	
3/13/2017	6	<5	8				22		20
3/14/2017				<5	260	1200			
3/15/2017								82	
5/15/2017	<5	<5	<5				6		4 (J)
5/18/2017				10	360	1500		100	
10/2/2017	<5	<5	6				16		24
10/5/2017				<5	240	980			
10/6/2017								110	
12/19/2017					460 (R)	900 (R)		72 (R)	
3/12/2018	18	14	<5				<5		<5
3/14/2018				8	300	1100		66	
6/5/2018	10	<5	14						
6/6/2018							20		16
6/10/2018				8	560	1500			
6/11/2018								96	
10/16/2018	32	12	6						
10/17/2018							44		44
10/18/2018				28	250	860		64	
10/19/2018									
2/27/2019	110	54	110	68			20		28
3/1/2019					210	440			
3/2/2019								210	
5/31/2019	46	8	26	<5			32		18
6/3/2019					500	950			
6/11/2019								110	
11/6/2019	<5	4 (J)	<5	10			24		20
11/7/2019						980		50	
11/9/2019					720				
4/16/2020	28	18	8	44			6		8
4/17/2020								70	
4/18/2020					180	1100			
10/7/2020	30	20	26	24			16		12
10/8/2020					260	500		120	
10/9/2020									

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/11/2021 1:43 PM View: PL's Interwell 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<5	<5		
3/2/2016			440	30
5/2/2016				
5/3/2016				
5/4/2016		12		
5/5/2016	<5		480	38
7/5/2016				
7/7/2016	24		470	22
7/8/2016		10		
9/6/2016	40			
9/7/2016		10	440	38
11/7/2016				
11/9/2016		26		
11/10/2016	20		260	38
1/9/2017				
1/11/2017		28		
1/12/2017	54		630	40
3/13/2017				
3/14/2017		<5		22
3/15/2017	14		620	
5/15/2017				
5/18/2017	38	26	640	24
10/2/2017				
10/5/2017		<5		<5
10/6/2017	22		360	
12/19/2017			840 (R)	
3/12/2018				
3/14/2018	14	<5	660	12
6/5/2018				
6/6/2018				
6/10/2018		6		
6/11/2018	8		670	26
10/16/2018				
10/17/2018				
10/18/2018		68	750	34
10/19/2018	54			
2/27/2019				
3/1/2019		28	640	42
3/2/2019	28			
5/31/2019				
6/3/2019	54	28	420	54
6/11/2019				
11/6/2019				
11/7/2019			540	24
11/9/2019	24	42		
4/16/2020				
4/17/2020		48	600	28
4/18/2020	54			
10/7/2020				
10/8/2020	32	100		
10/9/2020			660	86

200 Series

Appendix III Interwell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**10/12/2020**	**3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**10/12/2020**	**3.3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**10/12/2020**	**17**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Calcium (mg/L)	**MW-200**	**1.376**	**n/a**	**10/12/2020**	**74**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-201**	**1.376**	**n/a**	**10/12/2020**	**58**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-206**	**1.376**	**n/a**	**10/12/2020**	**300**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-200**	**6.614**	**n/a**	**10/12/2020**	**130**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-201**	**6.614**	**n/a**	**10/12/2020**	**82**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-206**	**6.614**	**n/a**	**10/12/2020**	**610**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**10/12/2020**	**0.46**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**10/12/2020**	**64**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**10/12/2020**	**110**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**10/12/2020**	**230**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**10/12/2020**	**600**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**10/12/2020**	**460**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**10/12/2020**	**2200**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2

Appendix III Interwell Prediction Limits - 200 Series Wells - All Results

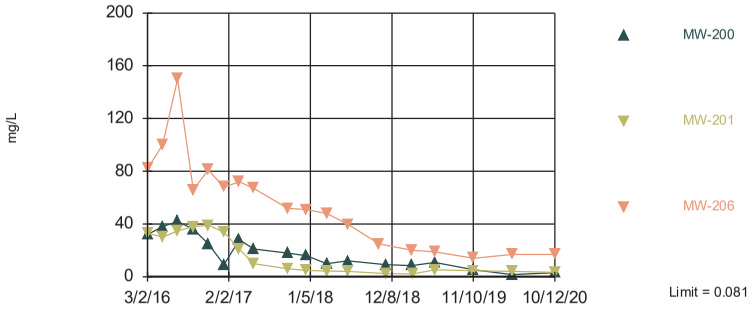
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:19 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**10/12/2020**	**3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**10/12/2020**	**3.3**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**10/12/2020**	**17**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Calcium (mg/L)	**MW-200**	**1.376**	**n/a**	**10/12/2020**	**74**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-201**	**1.376**	**n/a**	**10/12/2020**	**58**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Calcium (mg/L)	**MW-206**	**1.376**	**n/a**	**10/12/2020**	**300**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-200**	**6.614**	**n/a**	**10/12/2020**	**130**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-201**	**6.614**	**n/a**	**10/12/2020**	**82**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Chloride (mg/L)	**MW-206**	**6.614**	**n/a**	**10/12/2020**	**610**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.002505**	Param 1 of 2
Fluoride (mg/L)	MW-200	0.12	n/a	10/12/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**10/12/2020**	**0.46**	**Yes**	**102**	**n/a**	**n/a**	**98.04**	**n/a**	**n/a**	**0.0001878**	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-206	0.12	n/a	10/12/2020	0.04J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001878	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**10/12/2020**	**64**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**10/12/2020**	**110**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**10/12/2020**	**230**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001907**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**10/12/2020**	**600**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**10/12/2020**	**460**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**10/12/2020**	**2200**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001878**	NP (normality) 1 of 2

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 102 background values. 85.29% NDs. Annual per-constituent alpha = 0.001126. Individual comparison alpha = 0.0001878 (1 of 2). Comparing 3 points to limit.

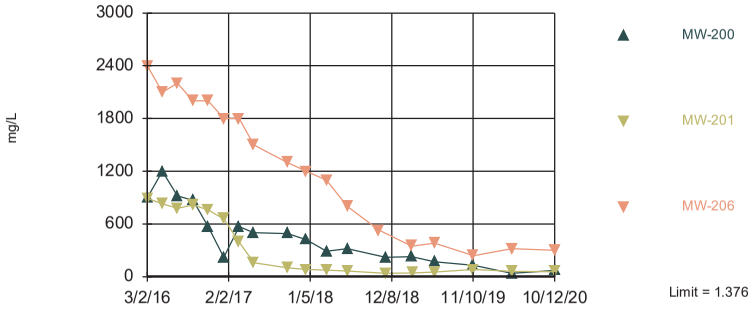
Constituent: Boron Analysis Run 1/7/2021 5:18 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3815, Std. Dev.=0.4191, n=102. Normality test: Chi Squared @alpha = 0.01, calculated = 12.31, critical = 14.07. Kappa = 1.672 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Calcium Analysis Run 1/7/2021 5:18 PM View: PL's Interwell 200 Series

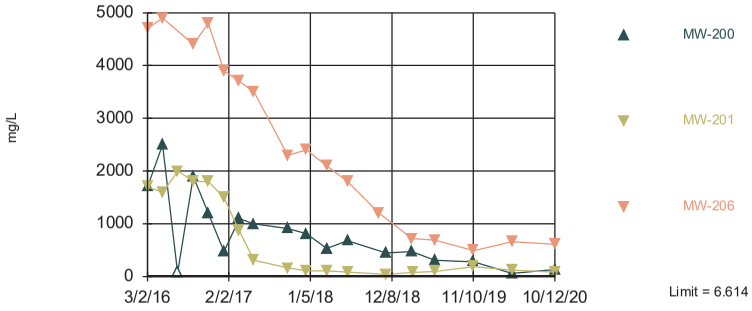
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.234, Std. Dev.=0.825, n=102. Normality test: Chi Squared @alpha = 0.01, calculated = 6.431, critical = 14.07. Kappa = 1.672 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Chloride Analysis Run 1/7/2021 5:18 PM View: PL's Interwell 200 Series

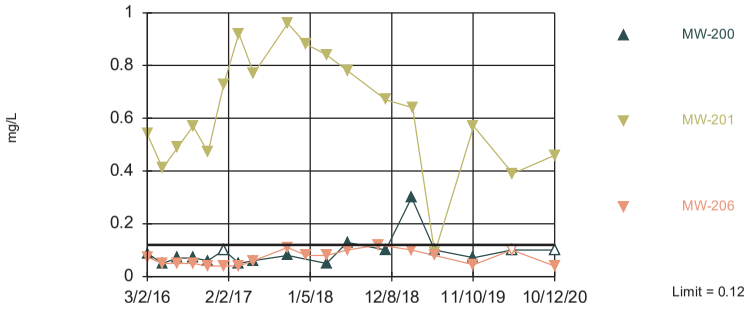
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Exceeds Limit: MW-201

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 102 background values. 98.04% NDs. Annual per-constituent alpha = 0.001126. Individual comparison alpha = 0.0001878 (1 of 2). Comparing 3 points to limit.

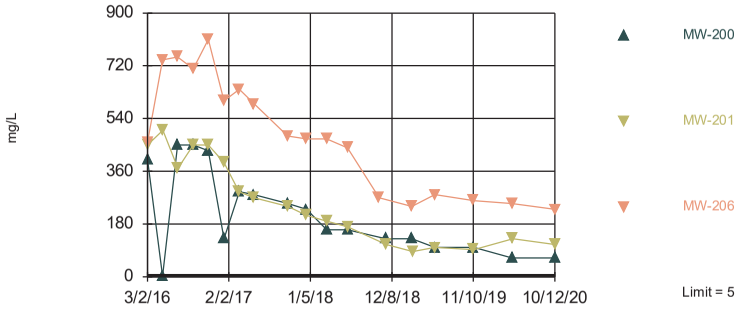
Constituent: Fluoride Analysis Run 1/7/2021 5:18 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 101 background values. 76.24% NDs. Annual per-constituent alpha = 0.001144. Individual comparison alpha = 0.0001907 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 1/7/2021 5:18 PM View: PL's Interwell 200 Series

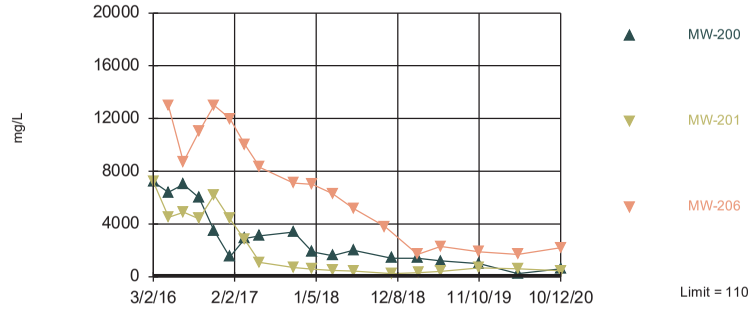
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 102 background values. 26.47% NDs. Annual per-constituent alpha = 0.001126. Individual comparison alpha = 0.0001878 (1 of 2). Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:18 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/2/2016							32	33	82
5/2/2016	<0.05	<0.05	<0.05			<0.05			
5/3/2016					<0.05		38		100
5/4/2016				<0.05				30	
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05	42		150
7/6/2016								35	
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/8/2016							36	38	66
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
11/8/2016								39	
11/9/2016							25		81
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/11/2017				<0.05					
1/12/2017							9.1		68
1/13/2017								34	
3/13/2017	<0.05	0.022 (J)	<0.05		<0.05	<0.05			
3/14/2017				<0.05					
3/16/2017								21	
3/17/2017							28		72
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
5/16/2017							21		
5/17/2017								10	67
5/18/2017				<0.05					
10/2/2017	<0.05	0.023 (J)	<0.05		<0.05	<0.05			
10/3/2017									52
10/4/2017							18	6	
10/5/2017				<0.05					
12/20/2017							16 (R)	4.9 (R)	51
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018							10		
3/14/2018				<0.05				4.4	48
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			
6/8/2018							12		40
6/9/2018								4.1	
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05			25
10/18/2018				0.081					
11/13/2018							9.1		
11/14/2018								2.3	
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							8.5		20
3/5/2019								2.1	
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
6/4/2019							11	5.2	19
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)	0.011 (V)	0.0099 (J)			
11/12/2019							5.3	4.5	14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	0.02	0.017	0.013	0.013	0.0075 (J)	0.0055 (J)			
4/18/2020							1.6		17
4/22/2020								4.2	
10/7/2020	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/12/2020							3	3.3	17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	1	1.4	0.67	1 (J)					
3/1/2016					0.6	1.5			
3/2/2016							900	890	2400
5/2/2016	0.78	1.1	0.58			0.83			
5/3/2016					0.55		1200		2100
5/4/2016				0.62				830	
7/5/2016	0.65	0.94	0.43		0.53	1.6	920		2200
7/6/2016								780	
7/8/2016				0.4					
9/6/2016	0.7	1	0.48	0.45	0.5	1.6			
9/8/2016							870	820	2000
11/7/2016	0.8	1.2	0.56		0.68	1.5			
11/8/2016								760	
11/9/2016							570		2000
11/10/2016				0.44					
1/9/2017	0.74	1.2	0.43		0.56	0.98			
1/11/2017				0.42					
1/12/2017							220		1800
1/13/2017								660	
3/13/2017	0.78	1.3	0.48		0.62	0.75			
3/14/2017				0.42					
3/16/2017								400	
3/17/2017							570		1800
5/15/2017	0.76	1	0.37		0.58	0.83			
5/16/2017							500		
5/17/2017								160	1500
5/18/2017				0.38					
10/2/2017	0.78	1.2	0.47		0.62	0.83			
10/3/2017									1300
10/4/2017							490	100	
10/5/2017				0.39					
12/20/2017							420 (R)	82 (R)	1200
3/12/2018	0.88	1.4	0.49		0.59	0.71			
3/13/2018							290		
3/14/2018				0.49				75	1100
6/5/2018	0.9	1.2	0.49						
6/6/2018					0.59	0.68			
6/8/2018							320		800
6/9/2018								64	
6/10/2018				0.39					
10/16/2018	0.86	1.4	0.42						
10/17/2018					0.54	0.66			530
10/18/2018				0.41					
11/13/2018							220		
11/14/2018								38	
2/27/2019	0.96	1.3	0.56	0.44	0.63	0.7			
2/28/2019							230		350
3/5/2019								43	
5/31/2019	0.76	1.1	0.33	0.28	0.45	0.52			
6/4/2019							170	54	380 (D)
11/6/2019	0.88	1.2	0.49	0.46	0.55	0.74			
11/12/2019							130	82	240

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	0.84	1.3	0.36	0.38	0.53	0.59			
4/18/2020							40		320
4/22/2020								61	
10/7/2020	0.93	1.6	0.43	0.47	0.63	0.67			
10/12/2020							74	58	300

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	5.3	7.4	8.1	5.4					
3/1/2016					5.6	4			
3/2/2016							1700	1700	4700
5/2/2016	4.4	6.3	6			3.6			
5/3/2016					5.1		2500		4900
5/4/2016				4.5				1600	
7/5/2016	4.2	4.8	5.2		4.7	3.6	<140 (*)		360 (o)
7/6/2016								2000	
7/8/2016				4.9					
9/6/2016	4.3	6	5.5	4.3	4.4	4			
9/8/2016							1900	1800	4400
11/7/2016	4.2	5.7	5.4		4.6	4.4			
11/8/2016								1800	
11/9/2016							1200		4800
11/10/2016				4.5					
1/9/2017	5.3	6.8	6.1		5.3	4.4			
1/11/2017				5.3					
1/12/2017							470		3900
1/13/2017								1500	
3/13/2017	5.2	6.8	5.5		5.6	4.1			
3/14/2017				5.5					
3/16/2017								870	
3/17/2017							1100		3700
5/15/2017	4.8	6.1	4.7		5.2	3.7			
5/16/2017							1000		
5/17/2017								310	3500
5/18/2017				5					
10/2/2017	5.5	6	6.1		5.5	4.8			
10/3/2017									2300
10/4/2017							910	160	
10/5/2017				5.6					
12/20/2017							810 (R)	110 (R)	2400
3/12/2018	5.3	5.9	6.1		5.6	4			
3/13/2018							530		
3/14/2018				5.2				110	2100
6/5/2018	5.3	6.5	5.5						
6/6/2018					5.6	4.1			
6/8/2018							680		1800
6/9/2018								86	
6/10/2018				5.2					
10/16/2018	5.5	5.9	5.1						
10/17/2018					5.5	3.7			1200
10/18/2018				5.2					
11/13/2018							450		
11/14/2018								41	
2/27/2019	4.6	4.3	5	5.1	5.1	4			
2/28/2019							470		720
3/5/2019								75	
5/31/2019	5.1	4.5	5.4	5	5.4	3.7			
6/4/2019							310	98	690
11/6/2019	5.8	5.7	6.1	6	5.9	4.7			
11/12/2019							280	190	490

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	6.1	5.6	5.3	5.8	6.2	4.9			
4/18/2020							59		660
4/22/2020								120	
10/7/2020	6.6	5.1	5.7	5.9	6.1	4.7			
10/12/2020							130	82	610

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/2/2016							0.088 (J)	0.54	0.074 (J)
5/2/2016	<0.1	<0.1	<0.1			<0.1			
5/3/2016					<0.1		0.05 (J)		0.05 (J)
5/4/2016				<0.1				0.41	
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1	0.07 (J)		0.05 (J)
7/6/2016								0.49	
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/8/2016							0.07 (J)	0.57	0.05 (J)
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
11/8/2016								0.47	
11/9/2016							0.06 (J)		0.04 (J)
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/11/2017				<0.1					
1/12/2017							<0.1		0.04 (J)
1/13/2017								0.73	
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/16/2017								0.92	
3/17/2017							0.05 (J)		0.04 (J)
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
5/16/2017							0.06 (J)		
5/17/2017								0.77	0.06 (J)
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017									0.11
10/4/2017							0.08 (J)	0.96	
10/5/2017				<0.1					
12/20/2017								0.88 (R)	0.08 (I)
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							0.05 (J)		
3/14/2018				0.12				0.84	0.08 (J)
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			
6/8/2018							0.13		0.1
6/9/2018								0.78	
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1			0.12
10/18/2018				<0.1					
11/13/2018							0.1		
11/14/2018								0.67	
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.3		0.1
3/5/2019								0.64	
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
6/4/2019							<0.1	0.09 (J)	0.08 (J)
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/12/2019							0.072 (J)	0.57	0.045 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							<0.1		<0.1
4/22/2020								0.39	
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/12/2020							<0.1	0.46	0.04 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-201	MW-206	MW-200
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					<5	<5			
3/2/2016							450	460	400
5/2/2016	15 (o)	2.1 (J)	<5		<5				
5/3/2016						<5		740	2.2 (J)
5/4/2016				<5			500		
7/5/2016	<5	2 (J)	<5		<5	<5		750	450 (J)
7/6/2016							370		
7/8/2016				<5					
9/6/2016	<5	1.8 (J)	<5	<5	3.7 (J)	<5			
9/8/2016							450	710	450
11/7/2016	<5	1.7 (J)	<5		<5	<5			
11/8/2016							450		
11/9/2016								810	430
11/10/2016				<5					
1/9/2017	<5	1.5 (J)	2.6 (J)		<5	<5			
1/11/2017				<5					
1/12/2017								600	130
1/13/2017							390		
3/13/2017	2.5 (J)	2.2 (J)	<5		<5	<5			
3/14/2017				<5					
3/16/2017							290		
3/17/2017								640	290
5/15/2017	<5	1.9 (J)	<5		<5	<5			
5/16/2017									280
5/17/2017							270	590	
5/18/2017				<5 (X)					
10/2/2017	<5	3.4 (J)	<5		1.7 (J)	1.5 (J)			
10/3/2017								480	
10/4/2017							240		250
10/5/2017				<5					
12/20/2017							210 (R)	470	230 (R)
3/12/2018	<5	2.6 (J)	<5		<5	<5			
3/13/2018									160
3/14/2018				<5			190	470	
6/5/2018	<5	2.6 (J)	<5						
6/6/2018					<5	<5			
6/8/2018								440	160
6/9/2018							170		
6/10/2018				1.5 (J)					
10/16/2018	<5	2.8 (J)	<5						
10/17/2018					<5	<5		270	
10/18/2018				<5					
11/13/2018									130
11/14/2018							110		
2/27/2019	<5	2.4 (J)	<5	1.9 (J)	<5	<5			
2/28/2019								240	130
3/5/2019							86		
5/31/2019	<5	3.3 (J)	<5	<5	<5	<5			
6/4/2019							100	280	100
11/6/2019	<5	3.7 (J)	<5	<5	<5	<5			
11/12/2019							93	260	100

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-201	MW-206	MW-200
4/16/2020	<5	1.7 (J)	<5	<5	<5	<5			
4/18/2020								250	64
4/22/2020							130		
10/7/2020	<5	4 (J)	<5	<5	<5	<5			
10/12/2020							110	230	64

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	20	12	<5	20					
3/1/2016					10	<5			
3/2/2016							7200	7200	32000 (o)
5/2/2016	<5	6	<5			36			
5/3/2016					<5		6400		13000
5/4/2016				6				4500	
7/5/2016	12	<5	14		<5	<5	7000		8700
7/6/2016								4900	
7/8/2016				6					
9/6/2016	36	38	30	36	36	44			
9/8/2016							6000	4400	11000 (Q)
11/7/2016	18	<5	8		<5	30			
11/8/2016								6200	
11/9/2016							3500		13000
11/10/2016				16					
1/9/2017	4 (J)	14	<5		<5	12			
1/11/2017				38					
1/12/2017							1500		12000
1/13/2017								4400	
3/13/2017	6	8	<5		22	20			
3/14/2017				<5					
3/16/2017								2800	
3/17/2017							2900		10000
5/15/2017	<5	<5	<5		6	4 (J)			
5/16/2017							3100		
5/17/2017								1100	8300
5/18/2017				10					
10/2/2017	<5	6	<5		16	24			
10/3/2017									7100
10/4/2017							3400	700	
10/5/2017				<5					
12/20/2017							1900 (R)	590 (R)	7000
3/12/2018	18	<5	14		<5	<5			
3/13/2018							1600		
3/14/2018				8				490	6300
6/5/2018	10	14	<5						
6/6/2018					20	16			
6/8/2018							2000		5200
6/9/2018								430	
6/10/2018				8					
10/16/2018	32	6	12						
10/17/2018					44	44			3800
10/18/2018				28					
11/13/2018							1400		
11/14/2018								230	
2/27/2019	110	110	54	68	20	28			
2/28/2019							1400		1700
3/5/2019								300	
5/31/2019	46	26	8	<5	32	18			
6/4/2019							1200	400	2300
11/6/2019	<5	<5	4 (J)	10	24	20			
11/12/2019							1000	670	1900

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:19 PM View: PL's Interwell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	28	8	18	44	6	8			
4/18/2020							240		1700
4/22/2020								600	
10/7/2020	30	26	20	24	16	12			
10/12/2020							600	460	2200

Appendix III Intrawell Prediction Limits - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-200**	**5.263**	**4.716**	**10/12/2020**	**5.3**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**10/12/2020**	**4.82**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 200 Series Wells - All Results

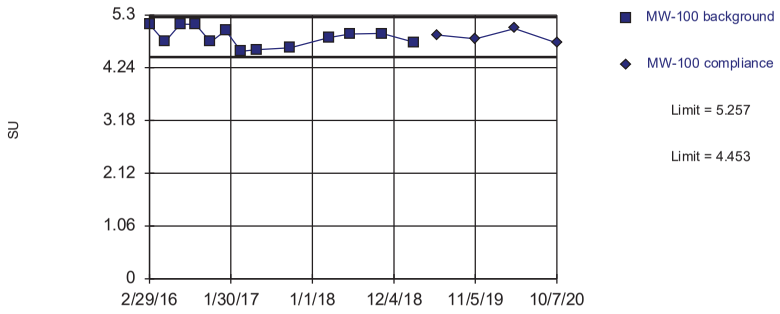
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	10/7/2020	4.74	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	10/7/2020	5.08	No	13	4.955	0.258	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-107	5.412	4.406	10/7/2020	4.91	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	10/7/2020	4.8	No	12	4.773	0.1917	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-306	5.438	4.624	10/7/2020	5.13	No	13	5.031	0.1961	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-307	6.537	5.063	10/7/2020	5.5	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	**MW-200**	**5.263**	**4.716**	**10/12/2020**	**5.3**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	MW-201	5.704	4.463	10/12/2020	4.56	No	14	5.084	0.304	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**10/12/2020**	**4.82**	**Yes**	**14**	**4.319**	**0.1573**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/7/2021 5:14 PM View: PL's Intrawell 200 Series

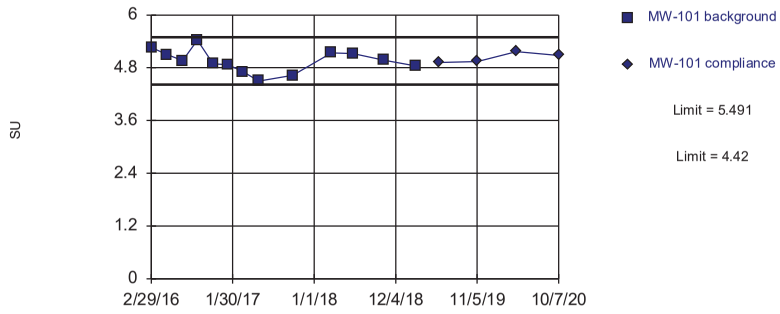
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

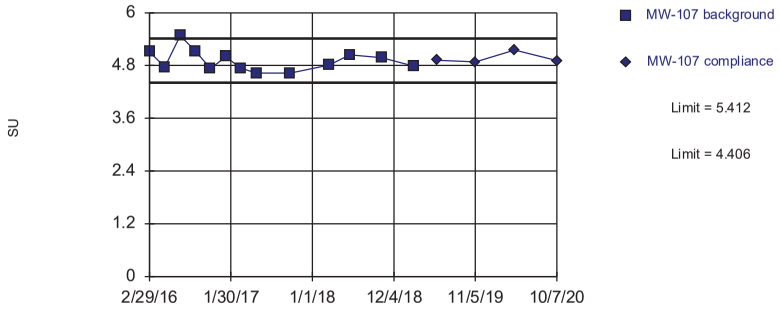
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

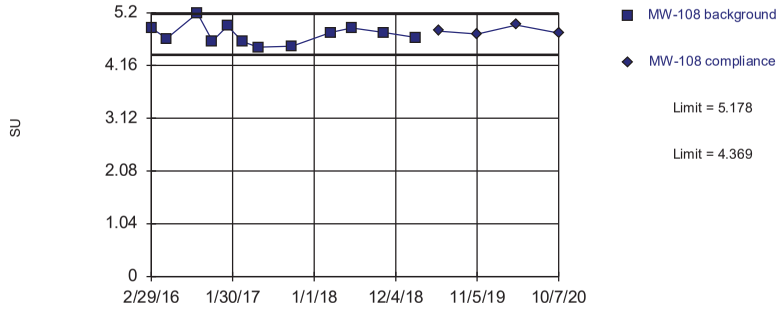
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.112 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

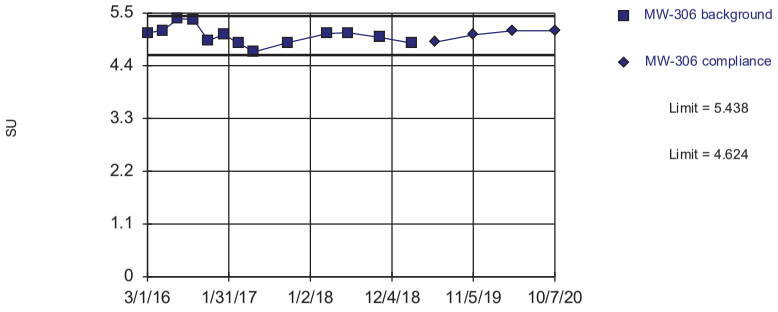
Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

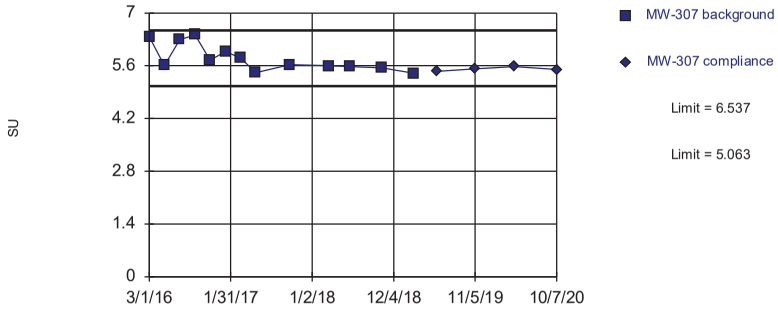
Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

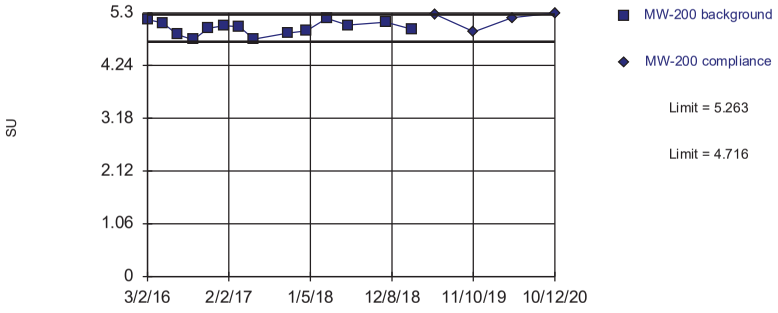
Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.989, Std. Dev.=0.134, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

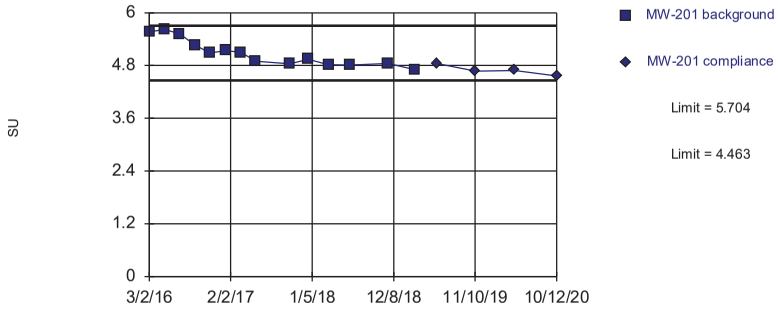
Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.084, Std. Dev.=0.304, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8864, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

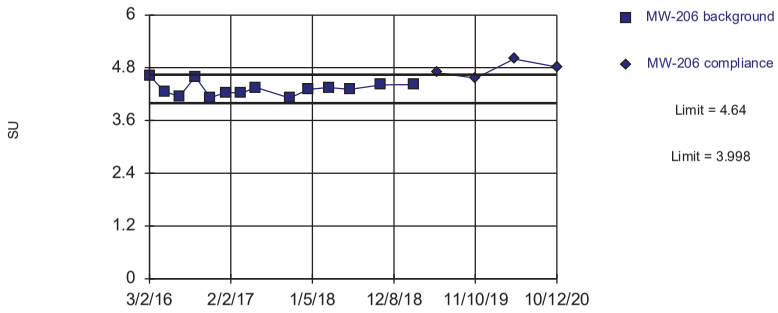
Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.319, Std. Dev.=0.1573, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/7/2021 5:15 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100	MW-100
2/29/2016	5.11	
5/2/2016	4.76	
7/5/2016	5.12	
9/6/2016	5.11	
11/7/2016	4.76	
1/9/2017	4.99	
3/13/2017	4.57	
5/15/2017	4.6	
10/2/2017	4.64	
3/12/2018	4.85	
6/5/2018	4.92	
10/16/2018	4.93	
2/27/2019	4.75	
5/31/2019		4.9
11/6/2019		4.82
4/16/2020		5.03
10/7/2020		4.74

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-101	MW-101
2/29/2016	5.26	
5/4/2016	5.1	
7/8/2016	4.96	
9/6/2016	5.43	
11/10/2016	4.89	
1/11/2017	4.87	
3/14/2017	4.71	
5/18/2017	4.5	
10/5/2017	4.63	
3/14/2018	5.14	
6/10/2018	5.12	
10/18/2018	4.97	
2/27/2019	4.84	
5/31/2019		4.92
11/6/2019		4.94
4/16/2020		5.17
10/7/2020		5.08

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107	MW-107
2/29/2016	5.11	
5/2/2016	4.77	
7/5/2016	5.48	
9/6/2016	5.12	
11/7/2016	4.73	
1/9/2017	5	
3/13/2017	4.74	
5/15/2017	4.63	
10/2/2017	4.63	
3/12/2018	4.81	
6/5/2018	5.04	
10/16/2018	4.98	
2/27/2019	4.78	
5/31/2019		4.92
11/6/2019		4.88
4/16/2020		5.15
10/7/2020		4.91

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-108	MW-108
2/29/2016	4.9	
5/2/2016	4.69	
7/5/2016	7.11 (o)	
9/6/2016	5.19	
11/7/2016	4.64	
1/9/2017	4.94	
3/13/2017	4.63	
5/15/2017	4.52	
10/2/2017	4.54	
3/12/2018	4.81	
6/5/2018	4.9	
10/16/2018	4.81	
2/27/2019	4.71	
5/31/2019		4.84
11/6/2019		4.78
4/16/2020		4.96
10/7/2020		4.8

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306	MW-306
3/1/2016	5.08	
5/3/2016	5.14	
7/5/2016	5.38	
9/6/2016	5.37	
11/7/2016	4.92	
1/9/2017	5.05	
3/13/2017	4.87	
5/15/2017	4.69	
10/2/2017	4.88	
3/12/2018	5.07	
6/6/2018	5.09	
10/17/2018	4.99	
2/27/2019	4.87	
5/31/2019		4.89
11/6/2019		5.04
4/16/2020		5.13
10/7/2020		5.13

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-307	MW-307
3/1/2016	6.37	
5/2/2016	5.605 (D)	
7/5/2016	6.29	
9/6/2016	6.42	
11/7/2016	5.75	
1/9/2017	5.98	
3/13/2017	5.81	
5/15/2017	5.42	
10/2/2017	5.63	
3/12/2018	5.6	
6/6/2018	5.58	
10/17/2018	5.54	
2/27/2019	5.4	
5/31/2019		5.45
11/6/2019		5.52
4/16/2020		5.58
10/7/2020		5.5

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-200
3/2/2016	5.16 (D)	
5/3/2016	5.1	
7/5/2016	4.86	
9/8/2016	4.76	
11/9/2016	4.99	
1/12/2017	5.04	
3/17/2017	5.02	
5/16/2017	4.77	
10/4/2017	4.89	
12/20/2017	4.94 (R)	
3/13/2018	5.19	
6/8/2018	5.05	
11/13/2018	5.11	
2/28/2019	4.97	
6/4/2019		5.27
11/12/2019		4.92
4/18/2020		5.2
10/12/2020		5.3

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-201
3/2/2016	5.57	
5/4/2016	5.62	
7/6/2016	5.52	
9/8/2016	5.26	
11/8/2016	5.09	
1/13/2017	5.14	
3/16/2017	5.1	
5/17/2017	4.9	
10/4/2017	4.84	
12/20/2017	4.94 (R)	
3/14/2018	4.82	
6/9/2018	4.81	
11/14/2018	4.85	
3/5/2019	4.71	
6/4/2019		4.85
11/12/2019		4.67
4/22/2020		4.69
10/12/2020		4.56

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:17 PM View: PL's Intrawell 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-206	MW-206
3/2/2016	4.62	
5/3/2016	4.26	
7/5/2016	4.15	
9/8/2016	4.6	
11/9/2016	4.12	
1/12/2017	4.24	
3/17/2017	4.22	
5/17/2017	4.35	
10/3/2017	4.11	
12/20/2017	4.31	
3/14/2018	4.35	
6/8/2018	4.31	
10/17/2018	4.41	
2/28/2019	4.42	
6/4/2019		4.69
11/12/2019		4.56
4/18/2020		5
10/12/2020		4.82

300 Series

Appendix III Interwell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**10/8/2020**	**3.6**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**10/9/2020**	**0.68**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**10/8/2020**	**2.4**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Calcium (mg/L)	**MW-303**	**1.456**	**n/a**	**10/8/2020**	**100**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	**MW-304**	**1.456**	**n/a**	**10/9/2020**	**120**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	**MW-308**	**1.456**	**n/a**	**10/8/2020**	**55**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-300**	**6.725**	**n/a**	**10/9/2020**	**8.9**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-303**	**6.725**	**n/a**	**10/8/2020**	**230**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-304**	**6.725**	**n/a**	**10/9/2020**	**14**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-305**	**6.725**	**n/a**	**10/9/2020**	**7.5**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-308**	**6.725**	**n/a**	**10/8/2020**	**36**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**10/8/2020**	**160**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**10/9/2020**	**300**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**10/8/2020**	**170**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**10/8/2020**	**850**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**10/9/2020**	**580**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**10/8/2020**	**380**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2

Appendix III Interwell Prediction Limits - 300 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:32 PM

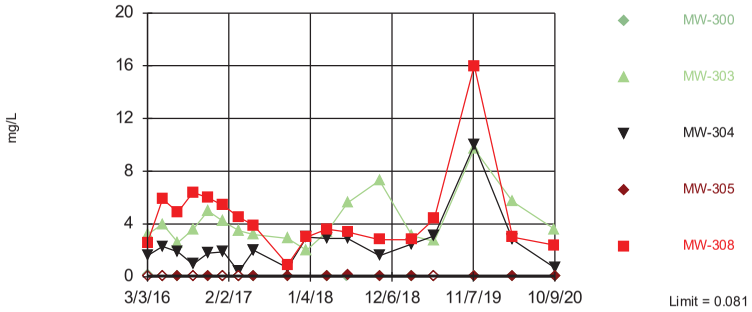
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	10/9/2020	0.025J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**10/8/2020**	**3.6**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**10/9/2020**	**0.68**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Boron (mg/L)	MW-305	0.081	n/a	10/9/2020	0.018J	No	102	n/a	n/a	85.29	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**10/8/2020**	**2.4**	**Yes**	**102**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.0001875**	NP (NDs) 1 of 2
Calcium (mg/L)	MW-300	1.456	n/a	10/9/2020	0.58	No	102	-0.3815	0.4191	0	None	ln(x)	0.001504	Param 1 of 2
Calcium (mg/L)	**MW-303**	**1.456**	**n/a**	**10/8/2020**	**100**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	**MW-304**	**1.456**	**n/a**	**10/9/2020**	**120**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Calcium (mg/L)	MW-305	1.456	n/a	10/9/2020	0.76	No	102	-0.3815	0.4191	0	None	ln(x)	0.001504	Param 1 of 2
Calcium (mg/L)	**MW-308**	**1.456**	**n/a**	**10/8/2020**	**55**	**Yes**	**102**	**-0.3815**	**0.4191**	**0**	**None**	**ln(x)**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-300**	**6.725**	**n/a**	**10/9/2020**	**8.9**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-303**	**6.725**	**n/a**	**10/8/2020**	**230**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-304**	**6.725**	**n/a**	**10/9/2020**	**14**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-305**	**6.725**	**n/a**	**10/9/2020**	**7.5**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Chloride (mg/L)	**MW-308**	**6.725**	**n/a**	**10/8/2020**	**36**	**Yes**	**102**	**5.234**	**0.825**	**0**	**None**	**No**	**0.001504**	Param 1 of 2
Fluoride (mg/L)	MW-300	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	10/8/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-304	0.12	n/a	10/9/2020	0.04J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	10/9/2020	0.1ND	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	10/8/2020	0.07J	No	102	n/a	n/a	98.04	n/a	n/a	0.0001875	NP (NDs) 1 of 2
Sulfate (mg/L)	MW-300	5	n/a	10/9/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001905	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**10/8/2020**	**160**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**10/9/2020**	**300**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5	n/a	10/9/2020	5ND	No	101	n/a	n/a	76.24	n/a	n/a	0.0001905	NP (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**10/8/2020**	**170**	**Yes**	**101**	**n/a**	**n/a**	**76.24**	**n/a**	**n/a**	**0.0001905**	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-300	110	n/a	10/9/2020	52	No	102	n/a	n/a	26.47	n/a	n/a	0.0001875	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**10/8/2020**	**850**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**10/9/2020**	**580**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-305	110	n/a	10/9/2020	42	No	102	n/a	n/a	26.47	n/a	n/a	0.0001875	NP (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**10/8/2020**	**380**	**Yes**	**102**	**n/a**	**n/a**	**26.47**	**n/a**	**n/a**	**0.0001875**	NP (normality) 1 of 2

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 102 background values. 85.29% NDs. Annual per-constituent alpha = 0.001874. Individual comparison alpha = 0.0001875 (1 of 2). Comparing 5 points to limit.

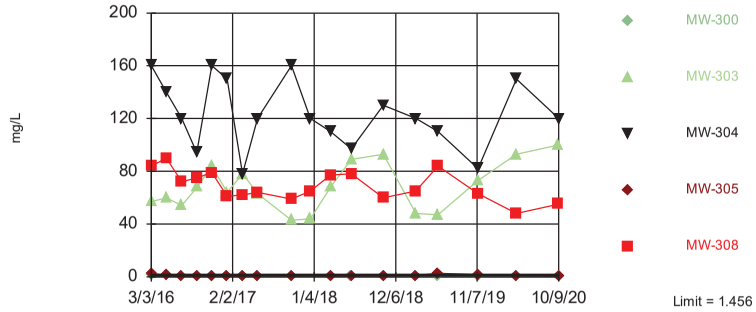
Constituent: Boron Analysis Run 1/7/2021 5:31 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3815, Std. Dev.=0.4191, n=102. Normality test: Chi Squared @alpha = 0.01, calculated = 12.31, critical = 14.07. Kappa = 1.807 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

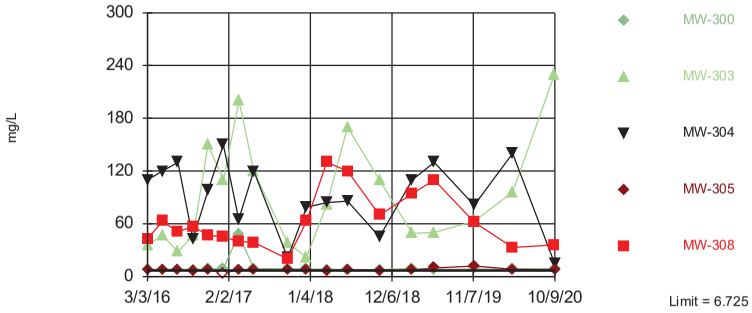
Constituent: Calcium Analysis Run 1/7/2021 5:31 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-300, MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.234, Std. Dev.=0.825, n=102. Normality test: Chi Squared @alpha = 0.01, calculated = 6.431, critical = 14.07. Kappa = 1.807 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

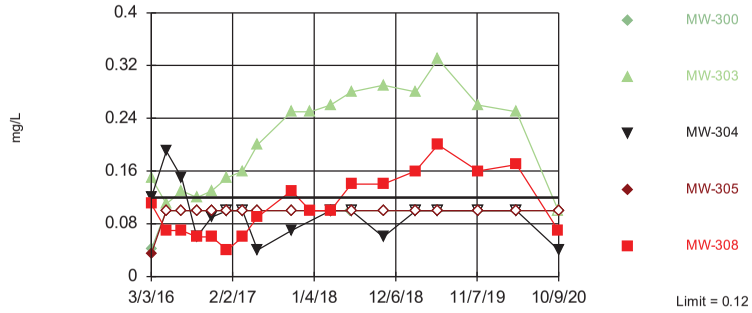
Constituent: Chloride Analysis Run 1/7/2021 5:31 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 102 background values. 98.04% NDs. Annual per-constituent alpha = 0.001874. Individual comparison alpha = 0.0001875 (1 of 2). Comparing 5 points to limit.

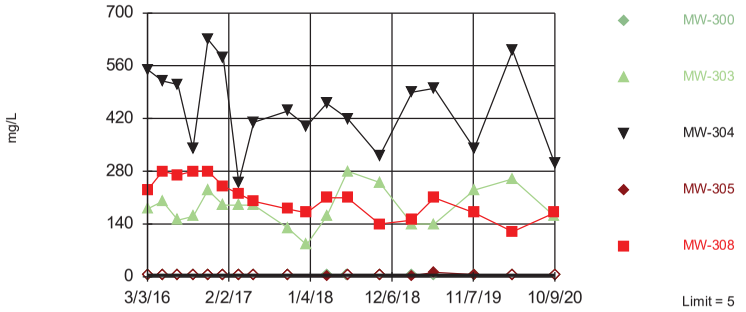
Constituent: Fluoride Analysis Run 1/7/2021 5:31 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 101 background values. 76.24% NDs. Annual per-constituent alpha = 0.001903. Individual comparison alpha = 0.0001905 (1 of 2). Comparing 5 points to limit.

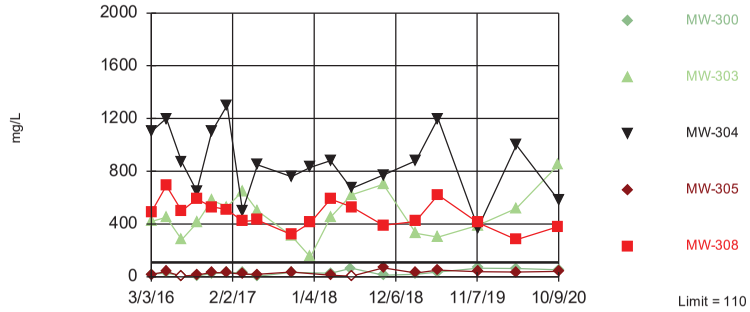
Constituent: Sulfate Analysis Run 1/7/2021 5:31 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 102 background values. 26.47% NDs. Annual per-constituent alpha = 0.001874. Individual comparison alpha = 0.0001875 (1 of 2). Comparing 5 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:31 PM View: PL's Interwell 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:32 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/3/2016							3.2	1.6	<0.05
5/2/2016	<0.05	<0.05	<0.05		<0.05				
5/3/2016						<0.05			
5/4/2016				<0.05			4	2.3	<0.05 (*)
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
7/6/2016							2.6	1.9	
7/7/2016									0.034 (J)
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/7/2016								0.95	<0.05
9/8/2016							3.6		
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05			0.045 (J)
11/8/2016							5	1.8	
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/10/2017							4.2	1.9	<0.05 (*)
1/11/2017				<0.05					
3/13/2017	<0.05	0.022 (J)	<0.05		<0.05	<0.05			
3/14/2017				<0.05					
3/15/2017								0.38	<0.05
3/16/2017							3.5		
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05	3.2		
5/16/2017								2	0.043 (J)
5/18/2017				<0.05					
10/2/2017	<0.05	0.023 (J)	<0.05		<0.05	<0.05			
10/3/2017							2.9	0.67	0.026 (J)
10/5/2017				<0.05					
12/20/2017							2	3	
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018							3.4	2.9	0.07
3/14/2018				<0.05					
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			
6/7/2018							5.6	2.9	0.1
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05	7.3	1.6	0.074
10/18/2018				0.081					
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							3.1	2.5	0.027 (J)
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2.7	3.1	<0.05
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)	0.0099 (J)	0.011 (V)			
11/11/2019							9.7	10	0.036 (V)
4/16/2020	0.02	0.017	0.013	0.013	0.0055 (J)	0.0075 (J)			
4/18/2020							5.7	2.8	0.016
10/7/2020	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/8/2020							3.6		
10/9/2020								0.68	0.018 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:32 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	2.6	0.11 (J)
5/2/2016		
5/3/2016		
5/4/2016	5.9	<0.05
7/5/2016		
7/6/2016	4.9	
7/7/2016		<0.05
7/8/2016		
9/6/2016		
9/7/2016	6.4	0.028 (J)
9/8/2016		
11/7/2016		
11/8/2016	6	0.025 (J)
11/10/2016		
1/9/2017		
1/10/2017	5.4	<0.05 (*)
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.05
3/16/2017	4.5	
5/15/2017		
5/16/2017	3.9	<0.05
5/18/2017		
10/2/2017		
10/3/2017	0.93	0.03 (J)
10/5/2017		
12/20/2017	3	
3/12/2018		
3/13/2018	3.6	<0.05
3/14/2018		
6/5/2018		
6/6/2018		0.024 (J)
6/7/2018	3.4	
6/10/2018		
10/16/2018		
10/17/2018	2.8	
10/18/2018		0.022 (J)
2/27/2019	2.8	
2/28/2019		<0.05
5/31/2019	4.4	<0.05
11/6/2019		
11/11/2019	16	0.035 (V)
4/16/2020		
4/18/2020	3	0.027
10/7/2020		
10/8/2020	2.4	
10/9/2020		0.025 (J)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:32 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	1	1.4	0.67	1 (J)					
3/1/2016					1.5	0.6			
3/3/2016							57	160	2.5
5/2/2016	0.78	1.1	0.58		0.83				
5/3/2016						0.55			
5/4/2016				0.62			60	140	1.1
7/5/2016	0.65	0.94	0.43		1.6	0.53			
7/6/2016							54	120	
7/7/2016									0.71
7/8/2016				0.4					
9/6/2016	0.7	1	0.48	0.45	1.6	0.5			
9/7/2016								94	0.78
9/8/2016							68		
11/7/2016	0.8	1.2	0.56		1.5	0.68			0.82
11/8/2016							84	160	
11/10/2016				0.44					
1/9/2017	0.74	1.2	0.43		0.98	0.56			
1/10/2017							64	150	0.58
1/11/2017				0.42					
3/13/2017	0.78	1.3	0.48		0.75	0.62			
3/14/2017				0.42					
3/15/2017								78	0.69
3/16/2017							78		
5/15/2017	0.76	1	0.37		0.83	0.58	63		
5/16/2017								120	0.66
5/18/2017				0.38					
10/2/2017	0.78	1.2	0.47		0.83	0.62			
10/3/2017							43	160	0.68
10/5/2017				0.39					
12/20/2017							44	120	
3/12/2018	0.88	1.4	0.49		0.71	0.59			
3/13/2018							68	110	0.65
3/14/2018				0.49					
6/5/2018	0.9	1.2	0.49						
6/6/2018					0.68	0.59			
6/7/2018							89	97	0.6
6/10/2018				0.39					
10/16/2018	0.86	1.4	0.42						
10/17/2018					0.66	0.54	93	130	0.73
10/18/2018				0.41					
2/27/2019	0.96	1.3	0.56	0.44	0.7	0.63			
2/28/2019							48	120	0.84
5/31/2019	0.76	1.1	0.33	0.28	0.52	0.45	47	110	2.6
11/6/2019	0.88	1.2	0.49	0.46	0.74	0.55			
11/11/2019							73	82	1.6 (V)
4/16/2020	0.84	1.3	0.36	0.38	0.59	0.53			
4/18/2020							93	150	0.9
10/7/2020	0.93	1.6	0.43	0.47	0.67	0.63			
10/8/2020							100		
10/9/2020								120	0.76

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:32 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	84	1 (J)
5/2/2016		
5/3/2016		
5/4/2016	90	1
7/5/2016		
7/6/2016	72	
7/7/2016		0.62
7/8/2016		
9/6/2016		
9/7/2016	75	0.6
9/8/2016		
11/7/2016		
11/8/2016	79	0.53
11/10/2016		
1/9/2017		
1/10/2017	61	0.51
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		0.53
3/16/2017	62	
5/15/2017		
5/16/2017	64	0.48
5/18/2017		
10/2/2017		
10/3/2017	59	0.46
10/5/2017		
12/20/2017	65	
3/12/2018		
3/13/2018	77	0.46
3/14/2018		
6/5/2018		
6/6/2018		0.45
6/7/2018	78	
6/10/2018		
10/16/2018		
10/17/2018	60	
10/18/2018		0.48
2/27/2019	65	
2/28/2019		0.44
5/31/2019	84	0.55
11/6/2019		
11/11/2019	63	0.56 (V)
4/16/2020		
4/18/2020	48	0.48
10/7/2020		
10/8/2020	55	
10/9/2020		0.58

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:32 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-300	MW-304	MW-305
2/29/2016	5.3	7.4	8.1	5.4					
3/1/2016					4	5.6			
3/3/2016							8.2	110	7.9
5/2/2016	4.4	6.3	6		3.6				
5/3/2016						5.1			
5/4/2016				4.5			8.2	120	7
7/5/2016	4.2	4.8	5.2		3.6	4.7			
7/6/2016								130	
7/7/2016							8.3		7.1
7/8/2016				4.9					
9/6/2016	4.3	6	5.5	4.3	4	4.4			
9/7/2016							8.1	43	6.9
9/8/2016									
11/7/2016	4.2	5.7	5.4		4.4	4.6			8
11/8/2016							8.5	98	
11/10/2016				4.5					
1/9/2017	5.3	6.8	6.1		4.4	5.3			
1/10/2017							9.1	150	<7.4 (*)
1/11/2017				5.3					
3/13/2017	5.2	6.8	5.5		4.1	5.6			
3/14/2017				5.5					
3/15/2017							48	65	8.1
3/16/2017									
5/15/2017	4.8	6.1	4.7		3.7	5.2			
5/16/2017							8.9	120	7.8
5/18/2017				5					
10/2/2017	5.5	6	6.1		4.8	5.5			
10/3/2017							8.9	21	7.1
10/5/2017				5.6					
12/20/2017							8.8	79	7.6
3/12/2018	5.3	5.9	6.1		4	5.6			
3/13/2018							8.3	84	6.9
3/14/2018				5.2					
6/5/2018	5.3	6.5	5.5						
6/6/2018					4.1	5.6	8		
6/7/2018								86	7.3
6/10/2018				5.2					
10/16/2018	5.5	5.9	5.1						
10/17/2018					3.7	5.5		45	6.8
10/18/2018				5.2			8.1		
2/27/2019	4.6	4.3	5	5.1	4	5.1			
2/28/2019							9.1	110	7.1
5/31/2019	5.1	4.5	5.4	5	3.7	5.4	8.2	130	9.8
11/6/2019	5.8	5.7	6.1	6	4.7	5.9			
11/11/2019							8.4	81	12
4/16/2020	6.1	5.6	5.3	5.8	4.9	6.2			
4/18/2020							8.7	140	8.2
10/7/2020	6.6	5.1	5.7	5.9	4.7	6.1			
10/8/2020									
10/9/2020							8.9	14	7.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:33 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-303
2/29/2016		
3/1/2016		
3/3/2016	43	36
5/2/2016		
5/3/2016		
5/4/2016	63	47
7/5/2016		
7/6/2016	51	28
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	57	
9/8/2016		47
11/7/2016		
11/8/2016	47	150
11/10/2016		
1/9/2017		
1/10/2017	45	110
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		
3/16/2017	40	200
5/15/2017		120
5/16/2017	39	
5/18/2017		
10/2/2017		
10/3/2017	20	38
10/5/2017		
12/20/2017	63	22
3/12/2018		
3/13/2018	130	82
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	120	170
6/10/2018		
10/16/2018		
10/17/2018	70	110
10/18/2018		
2/27/2019	94	
2/28/2019		49
5/31/2019	110	50
11/6/2019		
11/11/2019	62	63
4/16/2020		
4/18/2020	33	96
10/7/2020		
10/8/2020	36	230
10/9/2020		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:33 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					0.033 (J)	<0.1			
3/3/2016							0.15	0.12	0.035 (J)
5/2/2016	<0.1	<0.1	<0.1		<0.1				
5/3/2016						<0.1			
5/4/2016				<0.1			0.11	0.19	<0.1
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
7/6/2016							0.13	0.15	
7/7/2016									<0.1
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/7/2016								0.06 (J)	<0.1
9/8/2016							0.12		
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1			<0.1
11/8/2016							0.13	0.09 (J)	
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/10/2017							0.15	<0.1	<0.1
1/11/2017				<0.1					
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/15/2017								<0.1	<0.1
3/16/2017							0.16		
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1	0.2		
5/16/2017								0.04 (J)	<0.1
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017							0.25	0.07 (J)	<0.1
10/5/2017				<0.1					
12/20/2017							0.25		
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							0.26	<0.1	<0.1
3/14/2018				0.12					
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			
6/7/2018							0.28	<0.1	<0.1
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1	0.29	0.06 (J)	<0.1
10/18/2018				<0.1					
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.28	<0.1	<0.1
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.33	<0.1	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/11/2019							0.26	<0.1	<0.1
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							0.25	<0.1	<0.1
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/8/2020							<0.1		
10/9/2020								0.04 (J)	<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:33 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	0.11	0.041 (J)
5/2/2016		
5/3/2016		
5/4/2016	0.07 (J)	<0.1
7/5/2016		
7/6/2016	0.07 (J)	
7/7/2016		<0.1
7/8/2016		
9/6/2016		
9/7/2016	0.06 (J)	<0.1
9/8/2016		
11/7/2016		
11/8/2016	0.06 (J)	<0.1
11/10/2016		
1/9/2017		
1/10/2017	0.04 (J)	<0.1
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.1
3/16/2017	0.06 (J)	
5/15/2017		
5/16/2017	0.09 (J)	<0.1
5/18/2017		
10/2/2017		
10/3/2017	0.13	<0.1
10/5/2017		
12/20/2017	0.1	
3/12/2018		
3/13/2018	0.1	<0.1
3/14/2018		
6/5/2018		
6/6/2018		<0.1
6/7/2018	0.14	
6/10/2018		
10/16/2018		
10/17/2018	0.14	
10/18/2018		<0.1
2/27/2019	0.16	
2/28/2019		<0.1
5/31/2019	0.2	<0.1
11/6/2019		
11/11/2019	0.16	<0.1
4/16/2020		
4/18/2020	0.17	<0.1
10/7/2020		
10/8/2020	0.07 (J)	
10/9/2020		<0.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:33 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-300	MW-304	MW-305
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					<5	<5			
3/3/2016							<5	550	<5
5/2/2016	15 (o)	2.1 (J)	<5		<5				
5/3/2016						<5			
5/4/2016				<5			<5	520	<5
7/5/2016	<5	2 (J)	<5		<5	<5			
7/6/2016								510	
7/7/2016							<5		<5
7/8/2016				<5					
9/6/2016	<5	1.8 (J)	<5	<5	3.7 (J)	<5			
9/7/2016							<5	340	<5
9/8/2016									
11/7/2016	<5	1.7 (J)	<5		<5	<5			<5
11/8/2016							<5	630	
11/10/2016				<5					
1/9/2017	<5	1.5 (J)	2.6 (J)		<5	<5			
1/10/2017							<5	580	<5
1/11/2017				<5					
3/13/2017	2.5 (J)	2.2 (J)	<5		<5	<5			
3/14/2017				<5					
3/15/2017							<5 (*)	250	<5 (*)
3/16/2017									
5/15/2017	<5	1.9 (J)	<5		<5	<5			
5/16/2017							<5	410	<5
5/18/2017				<5 (X)					
10/2/2017	<5	3.4 (J)	<5		1.7 (J)	1.5 (J)			
10/3/2017							<5	440	<5
10/5/2017				<5					
12/20/2017								400	
3/12/2018	<5	2.6 (J)	<5		<5	<5			
3/13/2018							<5	460	1.5 (J)
3/14/2018				<5					
6/5/2018	<5	2.6 (J)	<5						
6/6/2018					<5	<5	<5		
6/7/2018								420	<5
6/10/2018				1.5 (J)					
10/16/2018	<5	2.8 (J)	<5						
10/17/2018					<5	<5		320	<5
10/18/2018				<5			<5		
2/27/2019	<5	2.4 (J)	<5	1.9 (J)	<5	<5			
2/28/2019							<5	490	2.6 (J)
5/31/2019	<5	3.3 (J)	<5	<5	<5	<5	<5	500	12
11/6/2019	<5	3.7 (J)	<5	<5	<5	<5			
11/11/2019							<5	340	5.5
4/16/2020	<5	1.7 (J)	<5	<5	<5	<5			
4/18/2020							<5	600	<5
10/7/2020	<5	4 (J)	<5	<5	<5	<5			
10/8/2020									
10/9/2020							<5	300	<5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:33 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-303
2/29/2016		
3/1/2016		
3/3/2016	230	180
5/2/2016		
5/3/2016		
5/4/2016	280	200
7/5/2016		
7/6/2016	270	150
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	280	
9/8/2016		160
11/7/2016		
11/8/2016	280	230
11/10/2016		
1/9/2017		
1/10/2017	240	190
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		
3/16/2017	220	190
5/15/2017		190
5/16/2017	200	
5/18/2017		
10/2/2017		
10/3/2017	180	130
10/5/2017		
12/20/2017	170	85
3/12/2018		
3/13/2018	210	160
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	210	280
6/10/2018		
10/16/2018		
10/17/2018	140	250
10/18/2018		
2/27/2019	150	
2/28/2019		140
5/31/2019	210	140
11/6/2019		
11/11/2019	170	230
4/16/2020		
4/18/2020	120	260
10/7/2020		
10/8/2020	170	160
10/9/2020		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:33 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-303	MW-304	MW-305
2/29/2016	20	12	<5	20					
3/1/2016					<5	10			
3/3/2016							420	1100	18
5/2/2016	<5	6	<5		36				
5/3/2016						<5			
5/4/2016				6			450	1200	38
7/5/2016	12	<5	14		<5	<5			
7/6/2016							280	870	
7/7/2016									<5
7/8/2016				6					
9/6/2016	36	38	30	36	44	36			
9/7/2016								650	14
9/8/2016							410		
11/7/2016	18	<5	8		30	<5			32
11/8/2016							580	1100	
11/10/2016				16					
1/9/2017	4 (J)	14	<5		12	<5			
1/10/2017							530	1300	32
1/11/2017				38					
3/13/2017	6	8	<5		20	22			
3/14/2017				<5					
3/15/2017								500	20
3/16/2017							650		
5/15/2017	<5	<5	<5		4 (J)	6	500		
5/16/2017								850	18
5/18/2017				10					
10/2/2017	<5	6	<5		24	16			
10/3/2017							310	760	36
10/5/2017				<5					
12/20/2017							150	830	
3/12/2018	18	<5	14		<5	<5			
3/13/2018							450	880	12
3/14/2018				8					
6/5/2018	10	14	<5						
6/6/2018					16	20			
6/7/2018							620	670	<5
6/10/2018				8					
10/16/2018	32	6	12						
10/17/2018					44	44	700	770	68
10/18/2018				28					
2/27/2019	110	110	54	68	28	20			
2/28/2019							330	880	28
5/31/2019	46	26	8	<5	18	32	300	1200	50
11/6/2019	<5	<5	4 (J)	10	20	24			
11/11/2019							390	370	38
4/16/2020	28	8	18	44	8	6			
4/18/2020							520	1000	36
10/7/2020	30	26	20	24	12	16			
10/8/2020							850		
10/9/2020								580	42

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:33 PM View: PL's Interwell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-300
2/29/2016		
3/1/2016		
3/3/2016	490	18
5/2/2016		
5/3/2016		
5/4/2016	690	28
7/5/2016		
7/6/2016	500	
7/7/2016		<5
7/8/2016		
9/6/2016		
9/7/2016	590	8
9/8/2016		
11/7/2016		
11/8/2016	530	24
11/10/2016		
1/9/2017		
1/10/2017	510	30
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		32
3/16/2017	420	
5/15/2017		
5/16/2017	430	<5
5/18/2017		
10/2/2017		
10/3/2017	320	34
10/5/2017		
12/20/2017	410	
3/12/2018		
3/13/2018	590	26
3/14/2018		
6/5/2018		
6/6/2018		64
6/7/2018	530	
6/10/2018		
10/16/2018		
10/17/2018	390	
10/18/2018		12
2/27/2019	420	
2/28/2019		20
5/31/2019	620	36
11/6/2019		
11/11/2019	410	66
4/16/2020		
4/18/2020	280	62
10/7/2020		
10/8/2020	380	
10/9/2020		52

Appendix III Intrawell Prediction Limits - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:30 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-304**	**6.401**	**4.549**	**10/9/2020**	**6.49**	**Yes**	**14**	**5.475**	**0.4141**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - 300 Series Wells - All Results

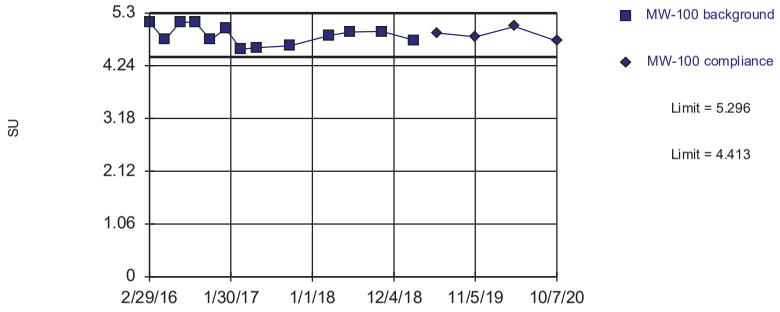
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:30 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	10/7/2020	4.74	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	10/7/2020	5.08	No	13	4.955	0.258	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-107	5.461	4.357	10/7/2020	4.91	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	10/7/2020	4.8	No	12	4.773	0.1917	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-306	5.478	4.584	10/7/2020	5.13	No	13	5.031	0.1961	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-307	6.609	4.991	10/7/2020	5.5	No	13	5.8	0.3549	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-300	5.229	4.305	10/9/2020	4.6	No	14	4.767	0.2067	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-303	7.152	5.968	10/8/2020	6.68	No	14	6.56	0.2649	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	**MW-304**	**6.401**	**4.549**	**10/9/2020**	**6.49**	**Yes**	**14**	**5.475**	**0.4141**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Field pH (SU)	MW-305	5.367	4.441	10/9/2020	4.93	No	14	4.904	0.2071	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-308	6.805	5.551	10/8/2020	5.78	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

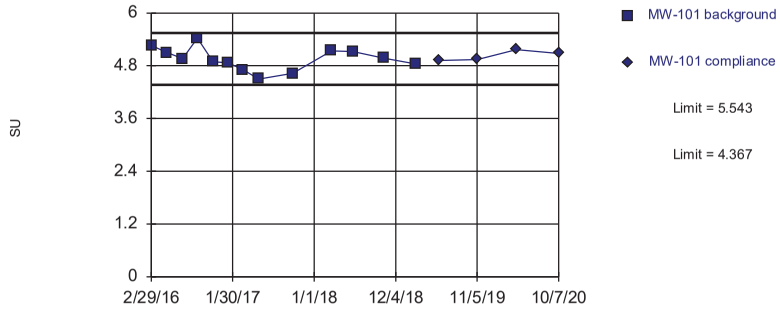
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

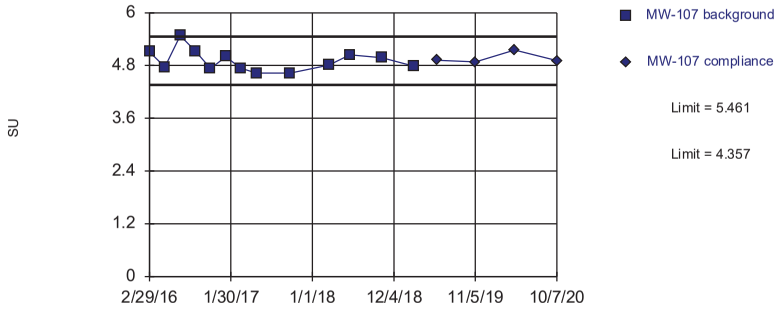
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

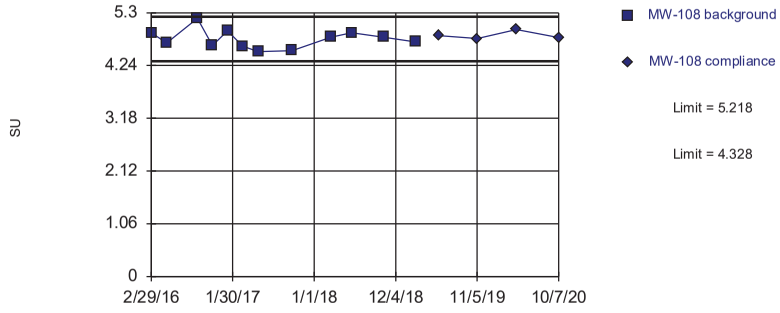
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.322 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

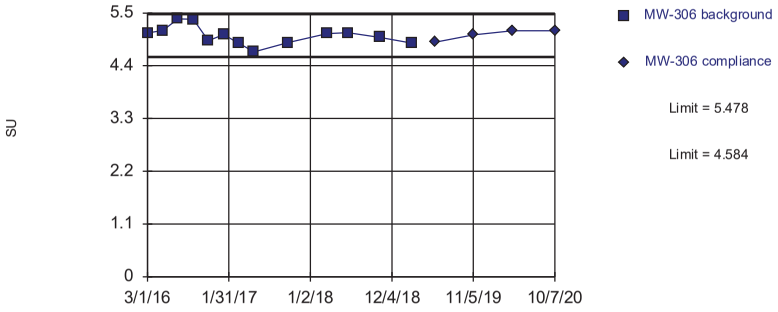
Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

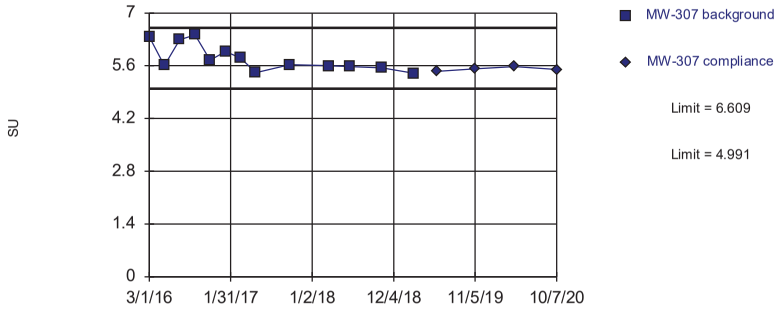
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

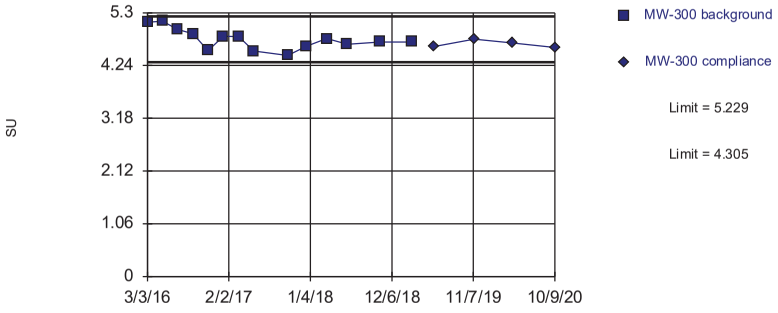
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.767, Std. Dev.=0.2067, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

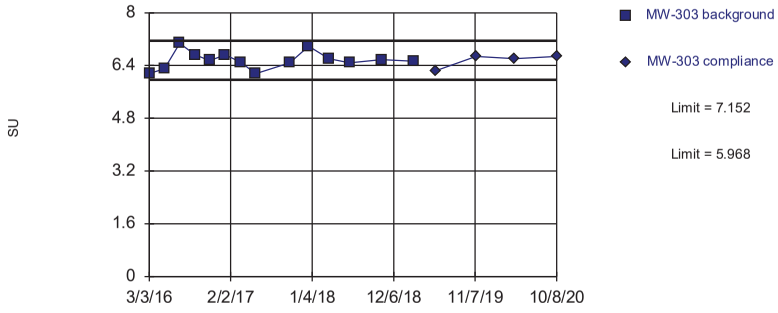
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.56, Std. Dev.=0.2649, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

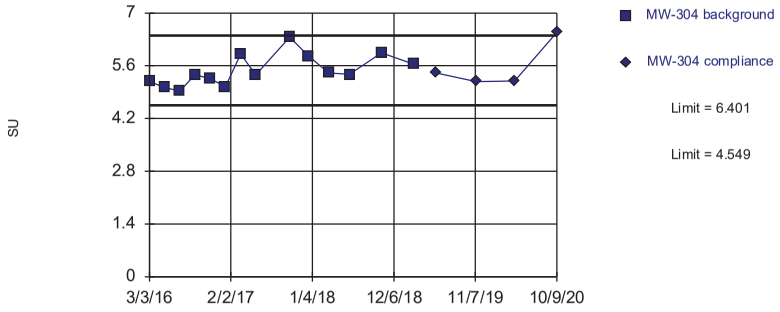
Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.475, Std. Dev.=0.4141, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

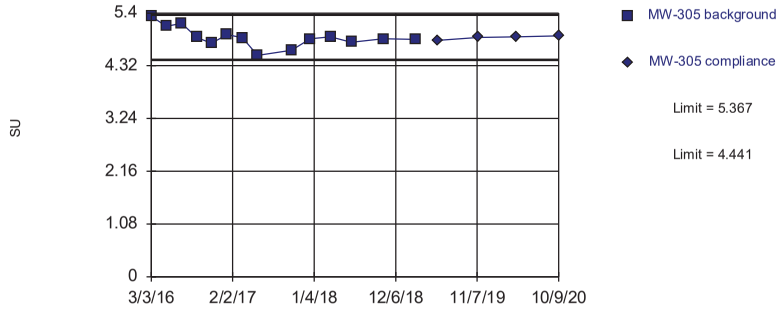
Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.904, Std. Dev.=0.2071, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

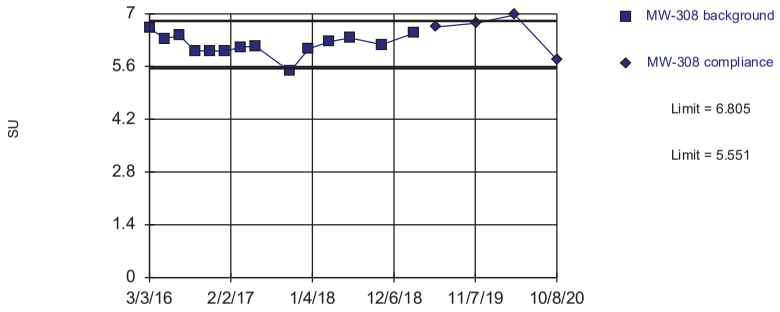
Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.178, Std. Dev.=0.2805, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/7/2021 5:26 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100	MW-100
2/29/2016	5.11	
5/2/2016	4.76	
7/5/2016	5.12	
9/6/2016	5.11	
11/7/2016	4.76	
1/9/2017	4.99	
3/13/2017	4.57	
5/15/2017	4.6	
10/2/2017	4.64	
3/12/2018	4.85	
6/5/2018	4.92	
10/16/2018	4.93	
2/27/2019	4.75	
5/31/2019		4.9
11/6/2019		4.82
4/16/2020		5.03
10/7/2020		4.74

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-101	MW-101
2/29/2016	5.26	
5/4/2016	5.1	
7/8/2016	4.96	
9/6/2016	5.43	
11/10/2016	4.89	
1/11/2017	4.87	
3/14/2017	4.71	
5/18/2017	4.5	
10/5/2017	4.63	
3/14/2018	5.14	
6/10/2018	5.12	
10/18/2018	4.97	
2/27/2019	4.84	
5/31/2019		4.92
11/6/2019		4.94
4/16/2020		5.17
10/7/2020		5.08

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-107	MW-107
2/29/2016	5.11	
5/2/2016	4.77	
7/5/2016	5.48	
9/6/2016	5.12	
11/7/2016	4.73	
1/9/2017	5	
3/13/2017	4.74	
5/15/2017	4.63	
10/2/2017	4.63	
3/12/2018	4.81	
6/5/2018	5.04	
10/16/2018	4.98	
2/27/2019	4.78	
5/31/2019		4.92
11/6/2019		4.88
4/16/2020		5.15
10/7/2020		4.91

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-108	MW-108
2/29/2016	4.9	
5/2/2016	4.69	
7/5/2016	7.11 (o)	
9/6/2016	5.19	
11/7/2016	4.64	
1/9/2017	4.94	
3/13/2017	4.63	
5/15/2017	4.52	
10/2/2017	4.54	
3/12/2018	4.81	
6/5/2018	4.9	
10/16/2018	4.81	
2/27/2019	4.71	
5/31/2019		4.84
11/6/2019		4.78
4/16/2020		4.96
10/7/2020		4.8

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306	MW-306
3/1/2016	5.08	
5/3/2016	5.14	
7/5/2016	5.38	
9/6/2016	5.37	
11/7/2016	4.92	
1/9/2017	5.05	
3/13/2017	4.87	
5/15/2017	4.69	
10/2/2017	4.88	
3/12/2018	5.07	
6/6/2018	5.09	
10/17/2018	4.99	
2/27/2019	4.87	
5/31/2019		4.89
11/6/2019		5.04
4/16/2020		5.13
10/7/2020		5.13

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-307	MW-307
3/1/2016	6.37	
5/2/2016	5.605 (D)	
7/5/2016	6.29	
9/6/2016	6.42	
11/7/2016	5.75	
1/9/2017	5.98	
3/13/2017	5.81	
5/15/2017	5.42	
10/2/2017	5.63	
3/12/2018	5.6	
6/6/2018	5.58	
10/17/2018	5.54	
2/27/2019	5.4	
5/31/2019		5.45
11/6/2019		5.52
4/16/2020		5.58
10/7/2020		5.5

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-300
3/3/2016	5.11	
5/4/2016	5.13	
7/7/2016	4.96	
9/7/2016	4.88	
11/8/2016	4.54	
1/10/2017	4.83	
3/15/2017	4.82	
5/16/2017	4.53	
10/3/2017	4.44	
12/20/2017	4.63	
3/13/2018	4.78	
6/6/2018	4.67	
10/18/2018	4.71	
2/28/2019	4.71	
5/31/2019		4.62
11/11/2019		4.77
4/18/2020		4.69
10/9/2020		4.6

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-303	MW-303
3/3/2016	6.16	
5/4/2016	6.3	
7/6/2016	7.07	
9/8/2016	6.72	
11/8/2016	6.55	
1/10/2017	6.72	
3/16/2017	6.5	
5/15/2017	6.15	
10/3/2017	6.48	
12/20/2017	6.99 (R)	
3/13/2018	6.61	
6/7/2018	6.48	
10/17/2018	6.58	
2/28/2019	6.53	
5/31/2019		6.25
11/11/2019		6.68
4/18/2020		6.61
10/8/2020		6.68

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-304
3/3/2016	5.185 (D)	
5/4/2016	5.02 (D)	
7/6/2016	4.93	
9/7/2016	5.36	
11/8/2016	5.26	
1/10/2017	5.04	
3/15/2017	5.91	
5/16/2017	5.36	
10/3/2017	6.36	
12/20/2017	5.86	
3/13/2018	5.41	
6/7/2018	5.37	
10/17/2018	5.94	
2/28/2019	5.64	
5/31/2019		5.41
11/11/2019		5.18
4/18/2020		5.2
10/9/2020		6.49

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-305
3/3/2016	5.33	
5/4/2016	5.13	
7/7/2016	5.19	
9/7/2016	4.9	
11/7/2016	4.78	
1/10/2017	4.96	
3/15/2017	4.89	
5/16/2017	4.53	
10/3/2017	4.64	
12/20/2017	4.87	
3/13/2018	4.91	
6/7/2018	4.8	
10/17/2018	4.87	
2/28/2019	4.86	
5/31/2019		4.84
11/11/2019		4.9
4/18/2020		4.91
10/9/2020		4.93

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:30 PM View: PL's Intrawell 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-308
3/3/2016	6.62 (D)	
5/4/2016	6.345 (D)	
7/6/2016	6.42	
9/7/2016	6.01	
11/8/2016	6.02	
1/10/2017	6	
3/16/2017	6.12	
5/16/2017	6.13	
10/3/2017	5.47	
12/20/2017	6.07 (R)	
3/13/2018	6.26	
6/7/2018	6.36	
10/17/2018	6.18	
2/27/2019	6.49	
5/31/2019		6.65
11/11/2019		6.75
4/18/2020		6.97
10/8/2020		5.78

Trend Tests - 100, 200 & 300 Series

100 Series

Appendix III Trend Test Summary - 100 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06879**	**69**	**63**	**Yes**	**17**	**23.53**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-103**	**-0.2642**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**91**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**2.386**	**105**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.672**	**84**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-25	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-19	-63	No	17	82.35	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.0156	-23	-68	No	18	16.67	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0.3887	33	68	No	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	0.1058	38	68	No	18	11.11	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-25	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06879**	**69**	**63**	**Yes**	**17**	**23.53**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.3257	63	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03825	45	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01915	-34	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-103**	**-0.2642**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-104	2.759	47	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	0.7929	11	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03081	-42	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.05435	42	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0	-1	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**91**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	2.38	38	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1902	51	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**2.386**	**105**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	-1	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	4.451	17	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.05999	-20	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-60	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2214	60	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1289	41	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**1.672**	**84**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	6.271	19	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02297	-20	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01946	-10	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01959	29	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.009346	-3	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.0066	4	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01128	-14	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	2	63	No	17	94.12	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-103	0	31	63	No	17	88.24	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.02672	-49	-68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	16	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-11	-63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.337	-35	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	33.21	20	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	2.456	17	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

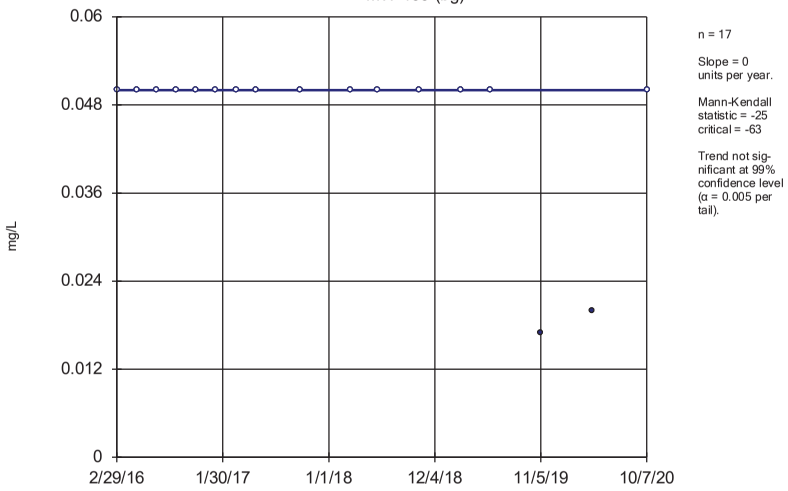
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate (mg/L)	MW-306 (bg)	0	0	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	9	63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-109	-0.529	-21	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	18.62	60	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.611	29	63	No	17	23.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.195	18	63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-103	4.004	11	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	-32.27	-10	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	4.913	7	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.4612	23	63	No	17	41.18	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.4717	18	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.695	37	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	-0.4148	-6	-63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	40.29	44	68	No	18	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -63

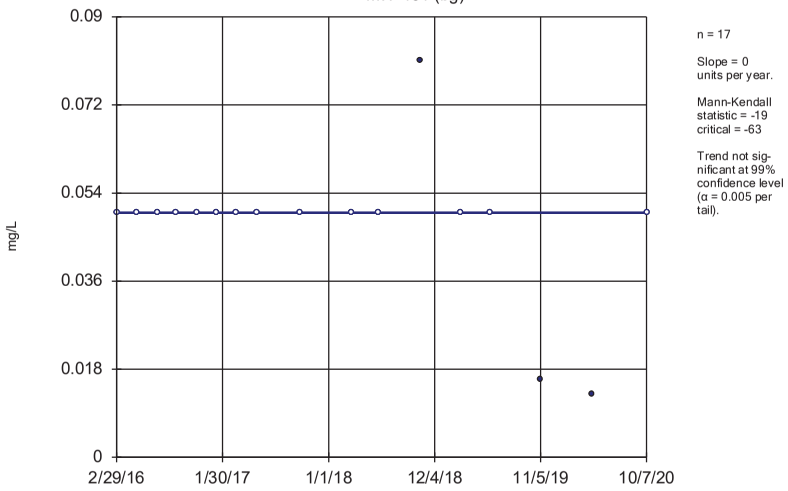
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -19
critical = -63

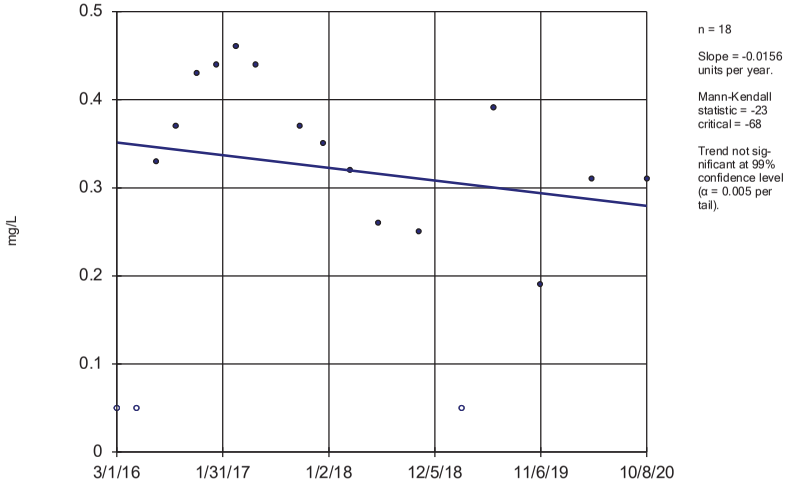
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-103



n = 18

Slope = -0.0156 units per year.

Mann-Kendall statistic = -23
critical = -68

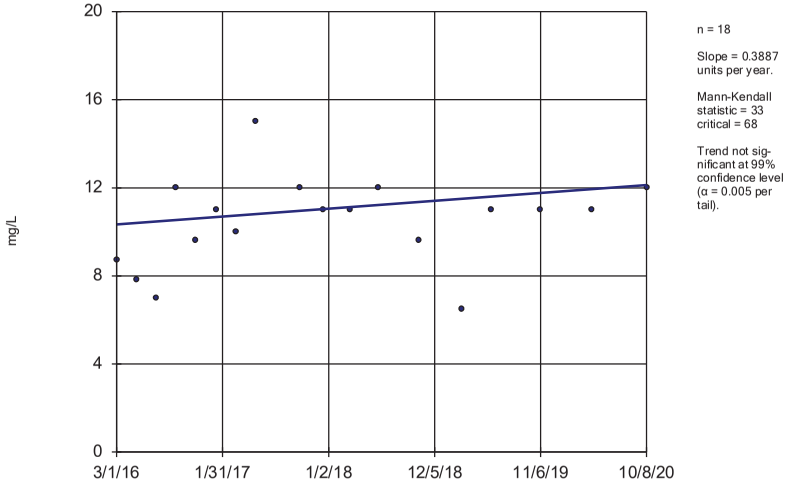
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 18

Slope = 0.3887 units per year.

Mann-Kendall statistic = 33
critical = 68

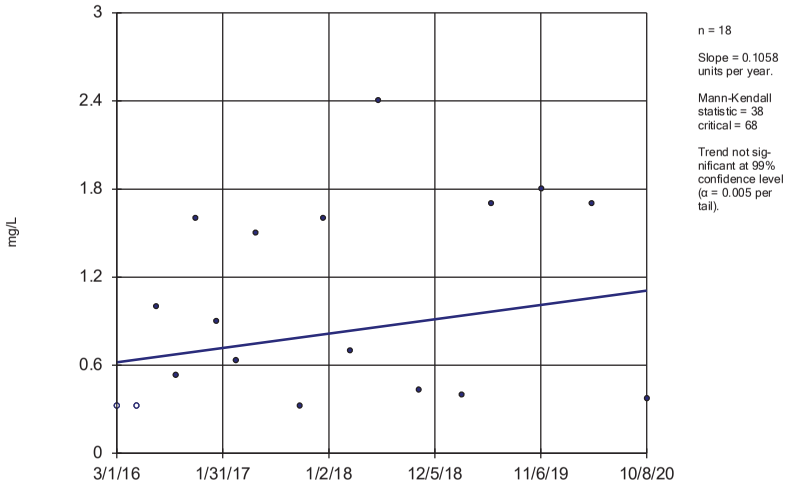
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-105



n = 18

Slope = 0.1058 units per year.

Mann-Kendall statistic = 38
critical = 68

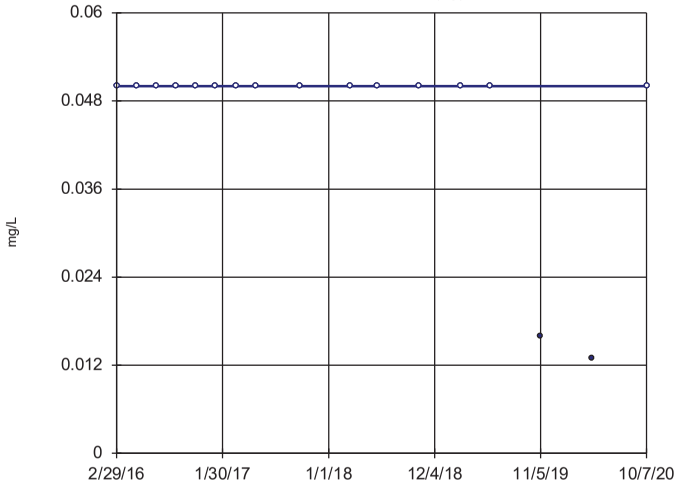
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

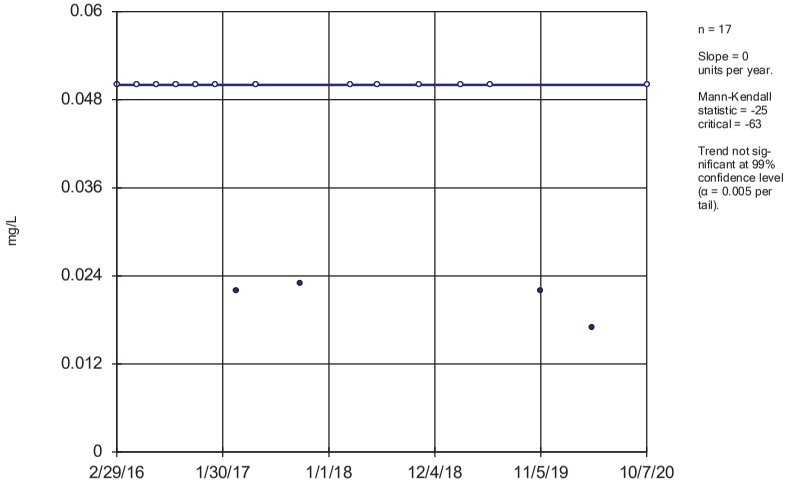
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -63

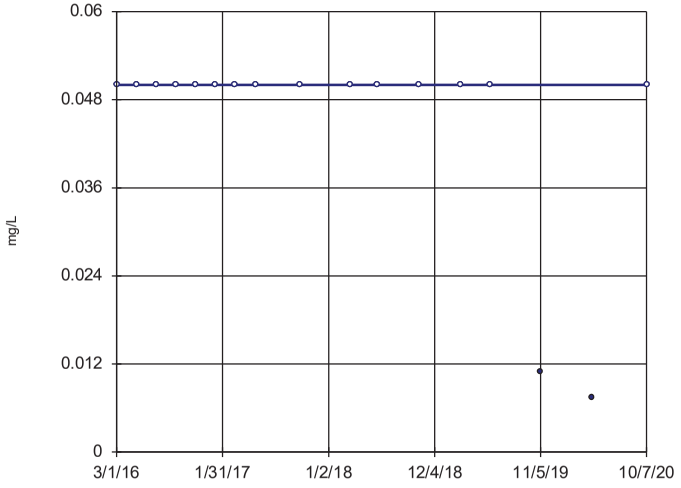
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

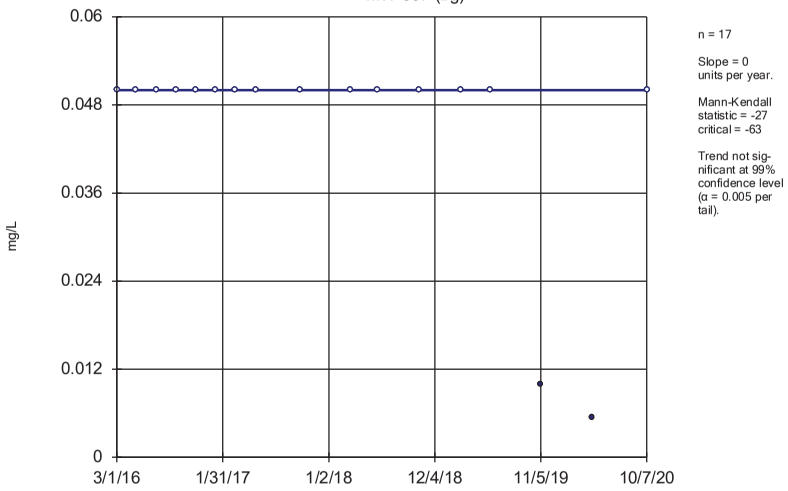
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

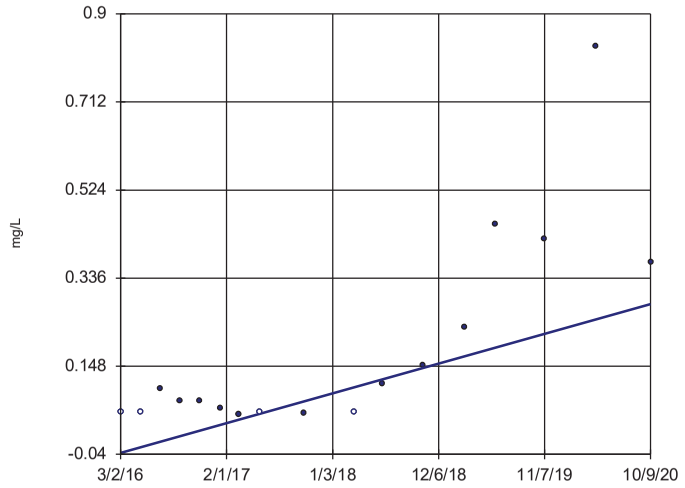
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-109



n = 17

Slope = 0.06879 units per year.

Mann-Kendall statistic = 69
critical = 63

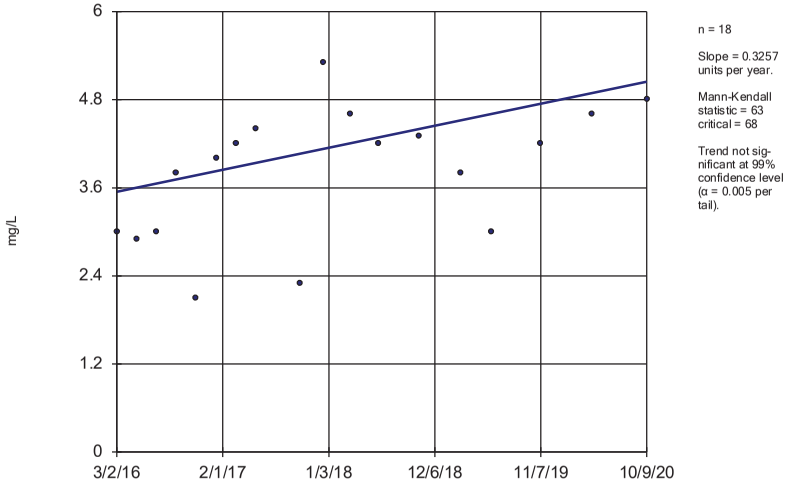
Increasing trend signficant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 18

Slope = 0.3257 units per year.

Mann-Kendall statistic = 63
critical = 68

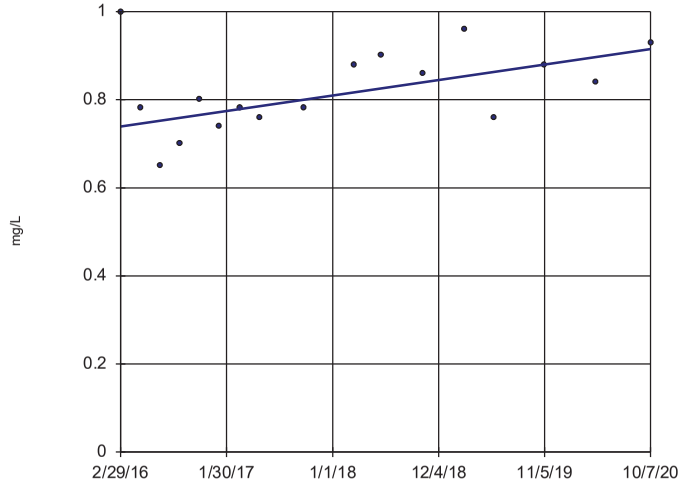
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0.03825 units per year.

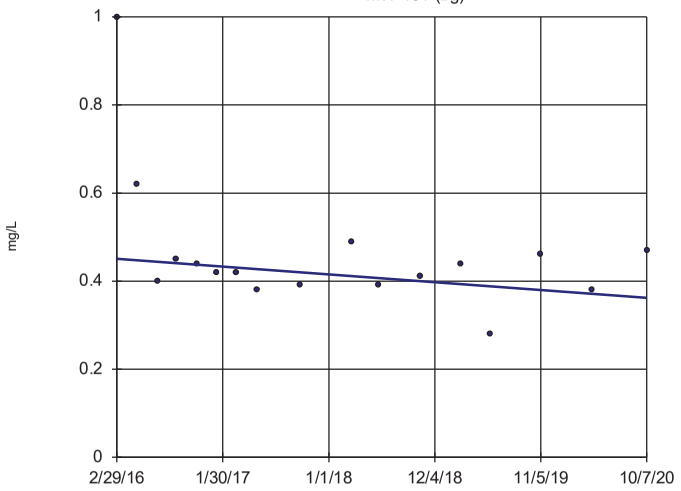
Mann-Kendall statistic = 45
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = -0.01915 units per year.

Mann-Kendall statistic = -34
critical = -63

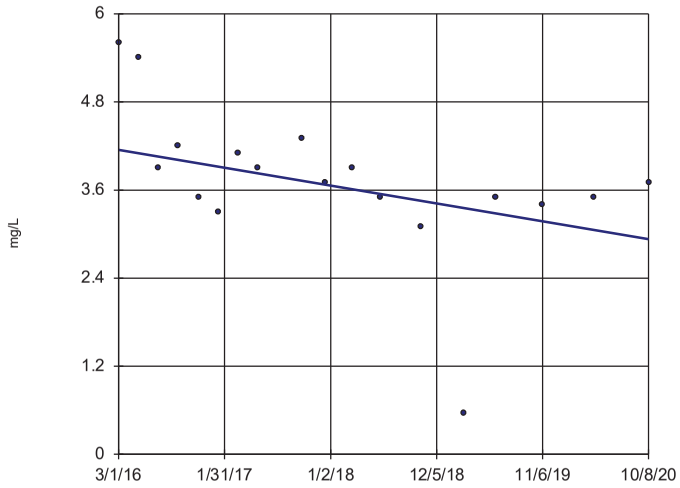
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 18

Slope = -0.2642 units per year.

Mann-Kendall statistic = -71
critical = -68

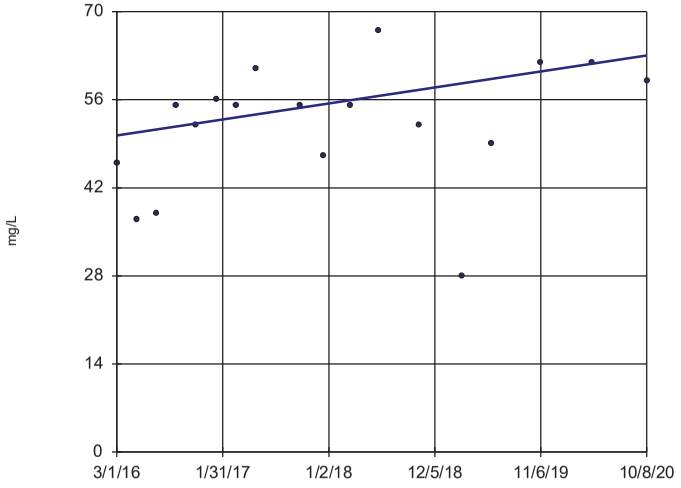
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 18

Slope = 2.759 units per year.

Mann-Kendall statistic = 47
critical = 68

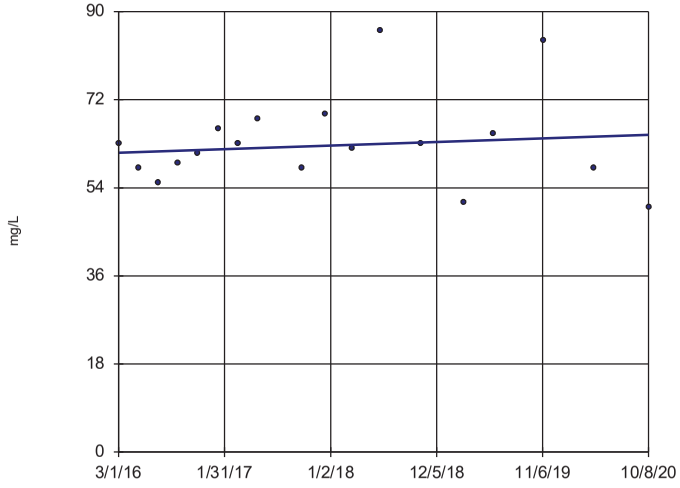
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 18

Slope = 0.7929 units per year.

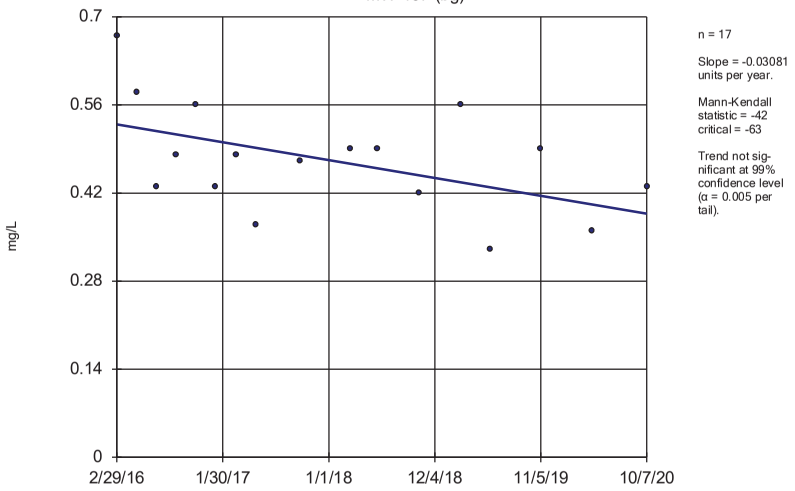
Mann-Kendall statistic = 11
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.03081 units per year.

Mann-Kendall statistic = -42
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

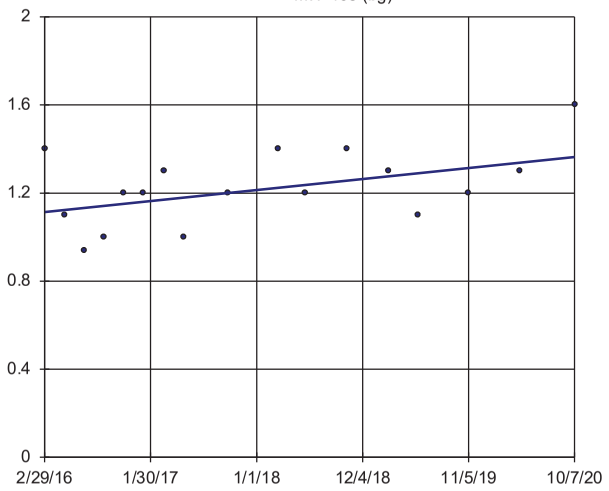
Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.05435 units per year.

Mann-Kendall statistic = 42
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

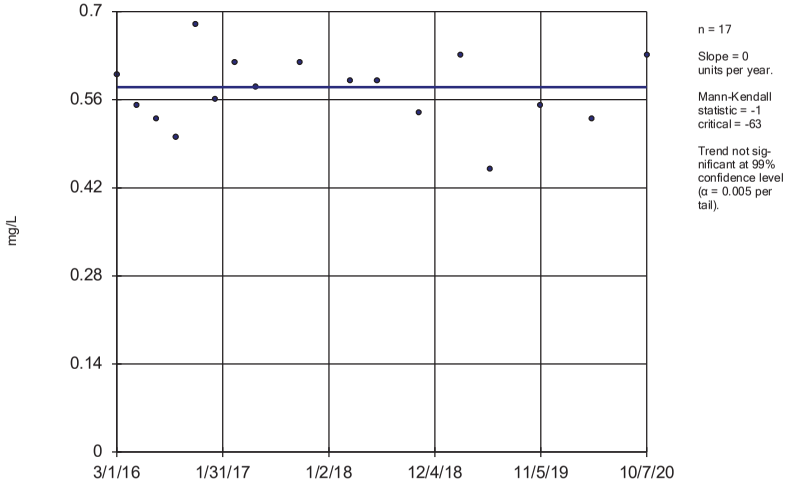
Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

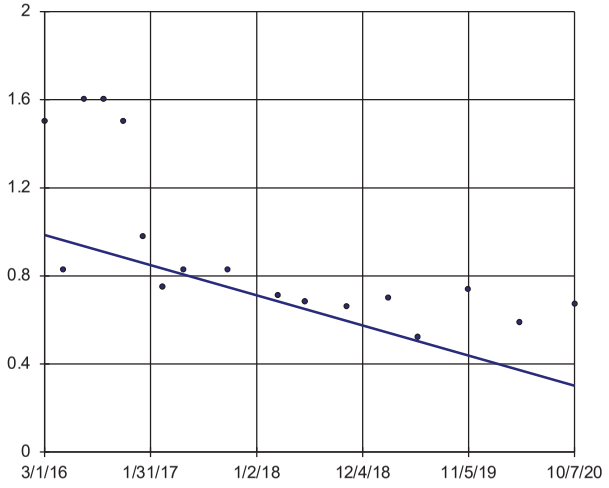
Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.1486 units per year.

Mann-Kendall statistic = -93
critical = -63

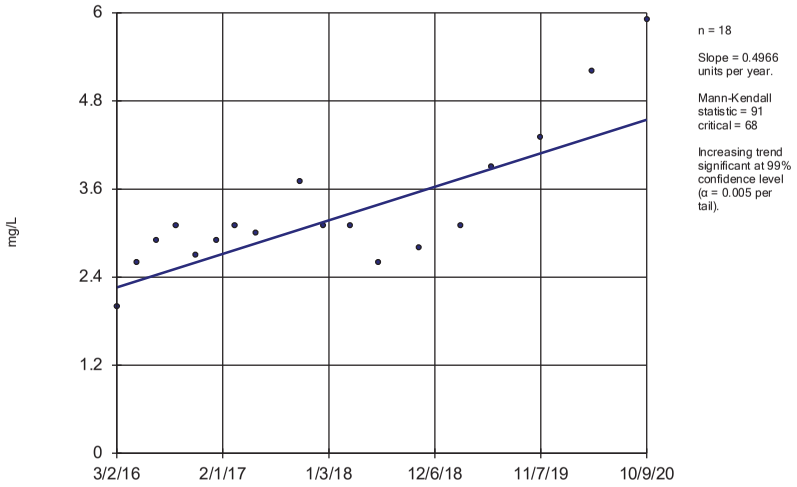
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-109



n = 18

Slope = 0.4966 units per year.

Mann-Kendall statistic = 91
critical = 68

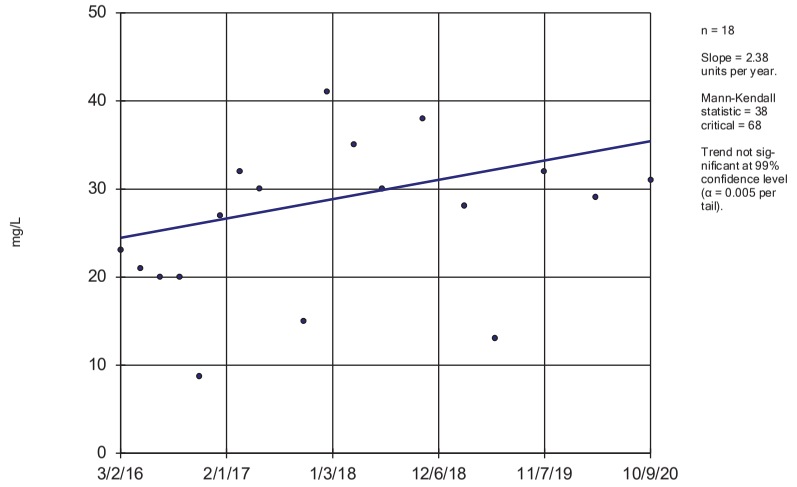
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 18

Slope = 2.38 units per year.

Mann-Kendall statistic = 38
critical = 68

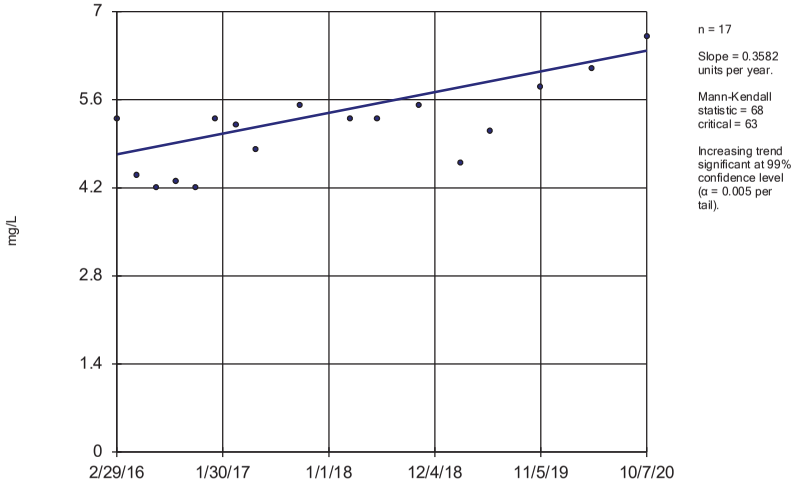
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0.3582 units per year.

Mann-Kendall statistic = 68
critical = 63

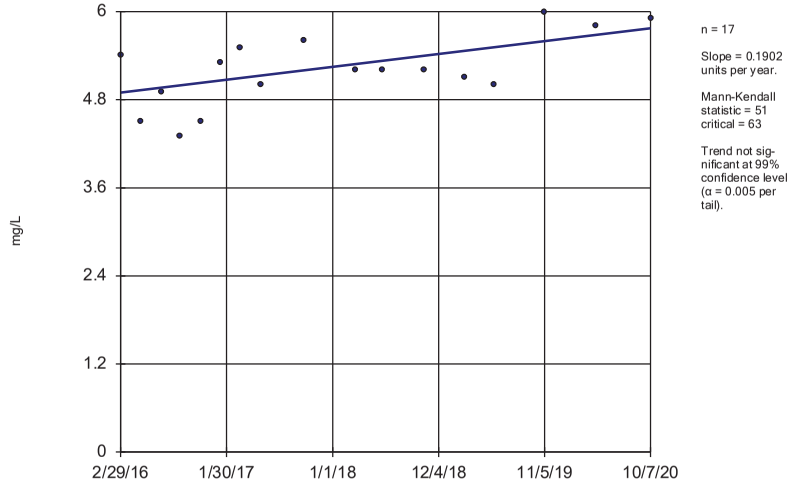
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0.1902 units per year.

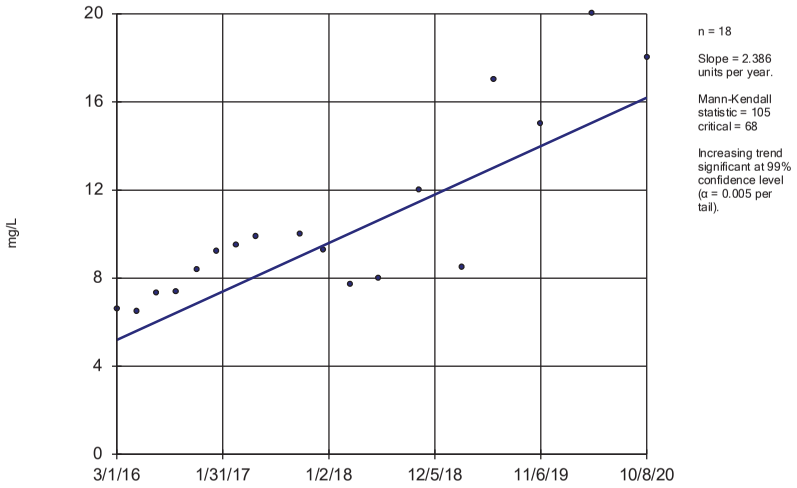
Mann-Kendall statistic = 51
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-103



n = 18

Slope = 2.386 units per year.

Mann-Kendall statistic = 105
critical = 68

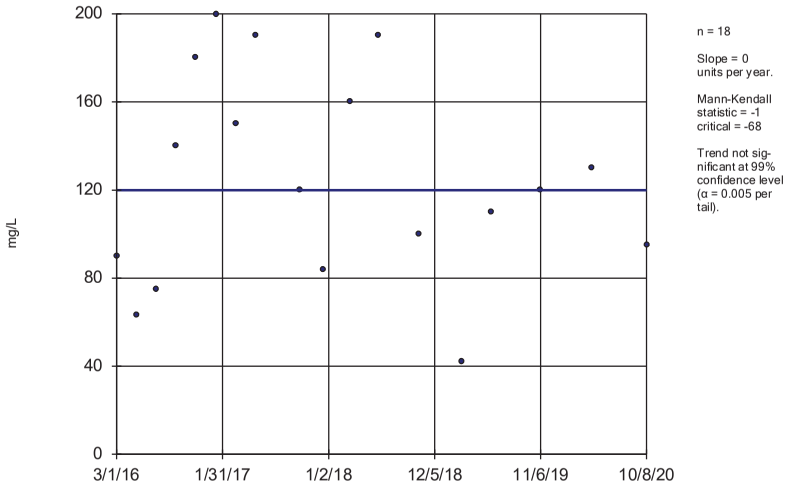
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -68

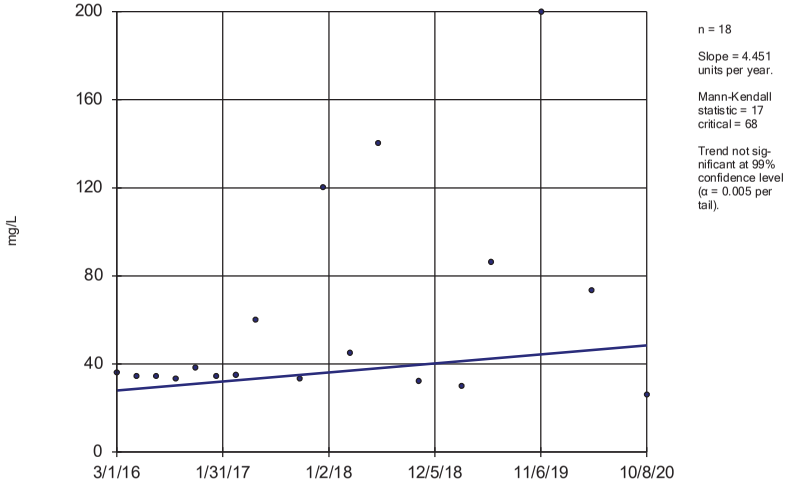
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 18

Slope = 4.451 units per year.

Mann-Kendall statistic = 17
critical = 68

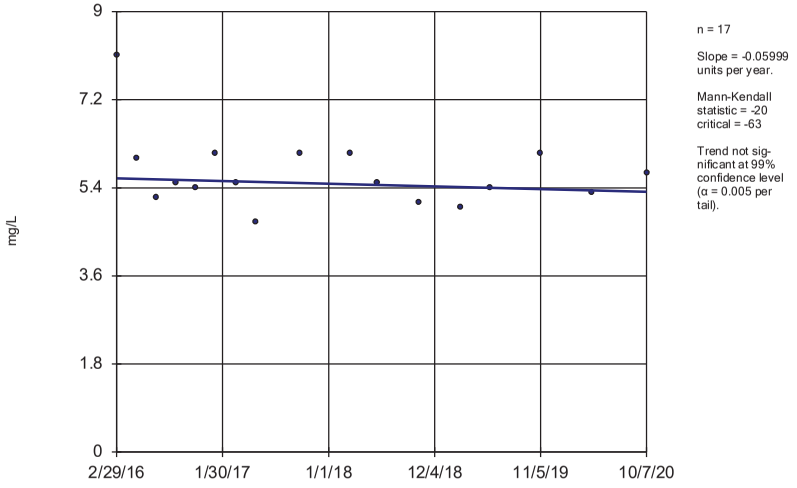
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.05999 units per year.

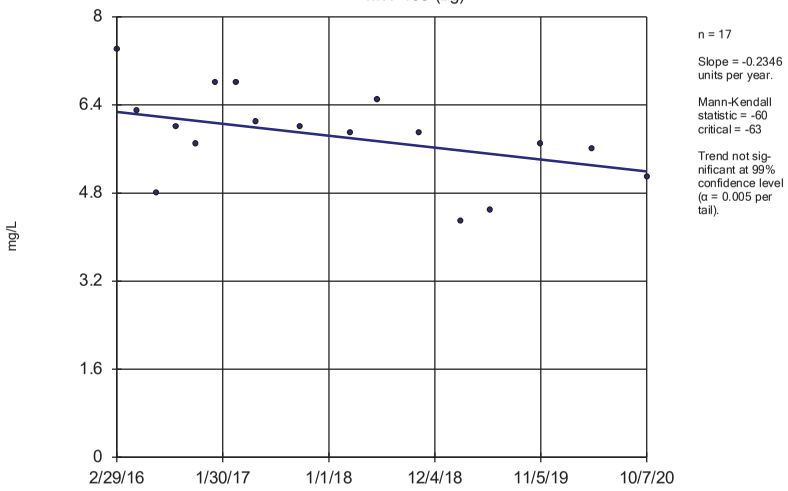
Mann-Kendall statistic = -20
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = -0.2346 units per year.

Mann-Kendall statistic = -60
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

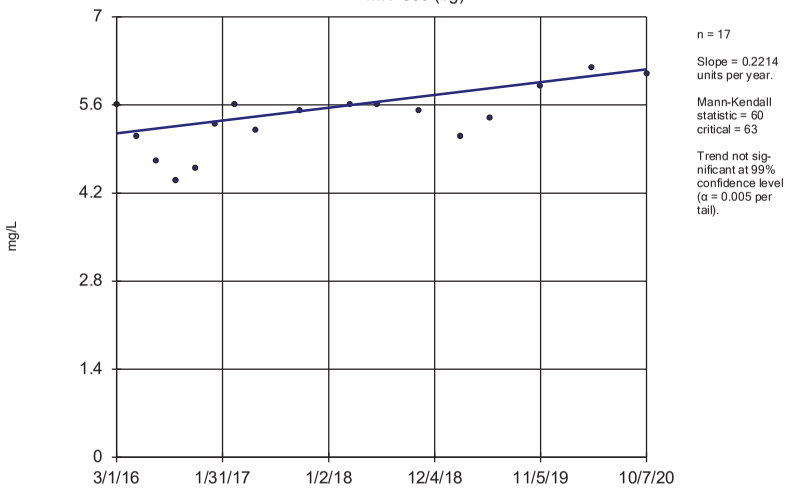
Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0.2214 units per year.

Mann-Kendall statistic = 60
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

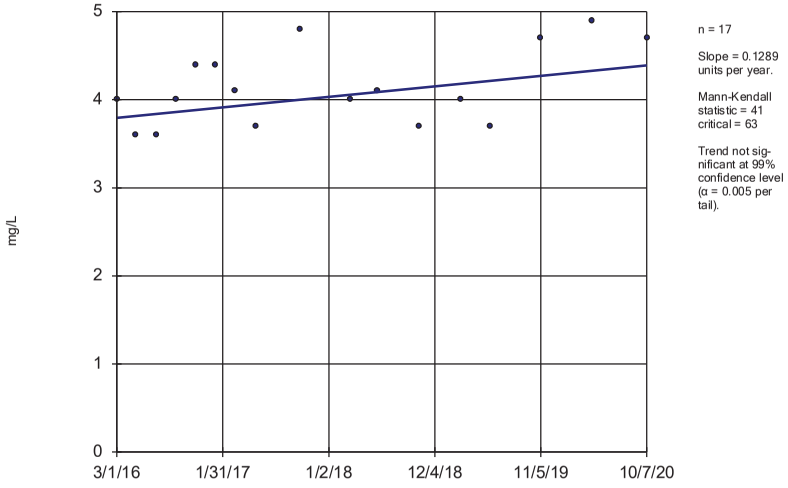
Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0.1289 units per year.

Mann-Kendall statistic = 41
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

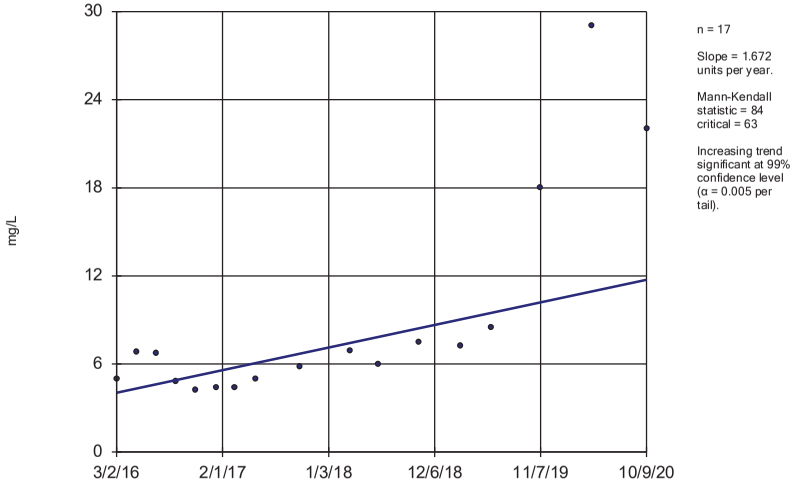
Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109



n = 17

Slope = 1.672 units per year.

Mann-Kendall statistic = 84
critical = 63

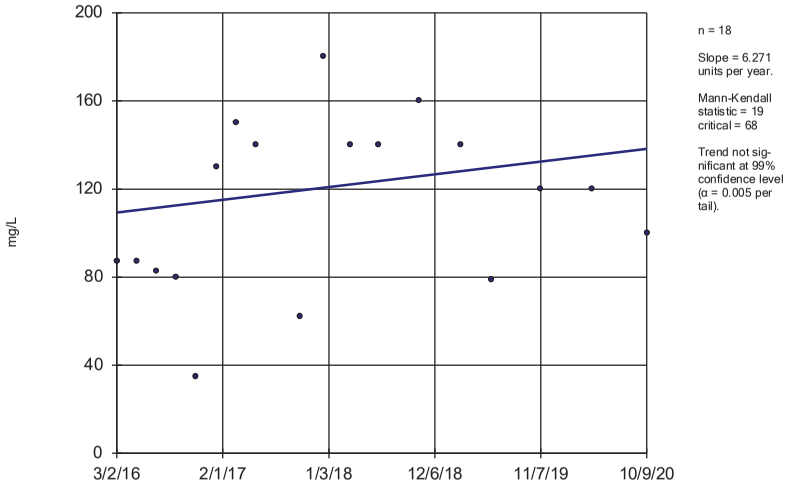
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-110



n = 18

Slope = 6.271 units per year.

Mann-Kendall statistic = 19
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

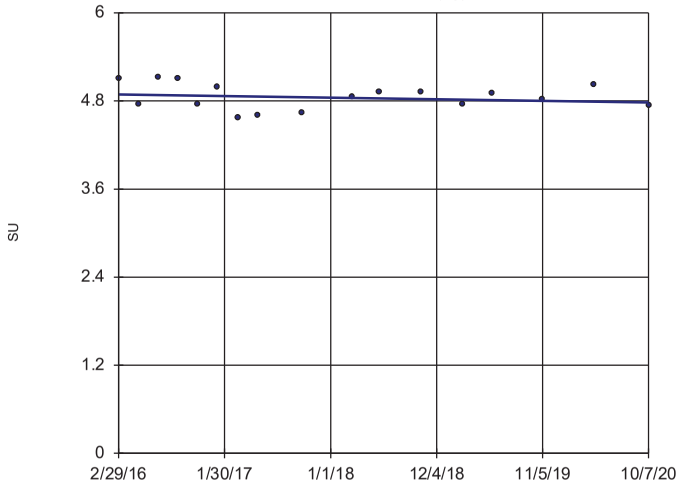
Constituent: Chloride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = -0.02297 units per year.

Mann-Kendall statistic = -20
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

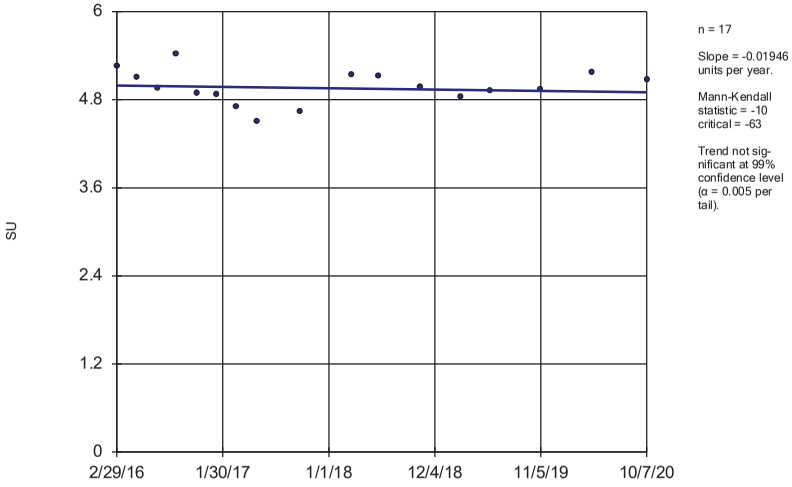
Constituent: Field pH Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = -0.01946 units per year.

Mann-Kendall statistic = -10
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

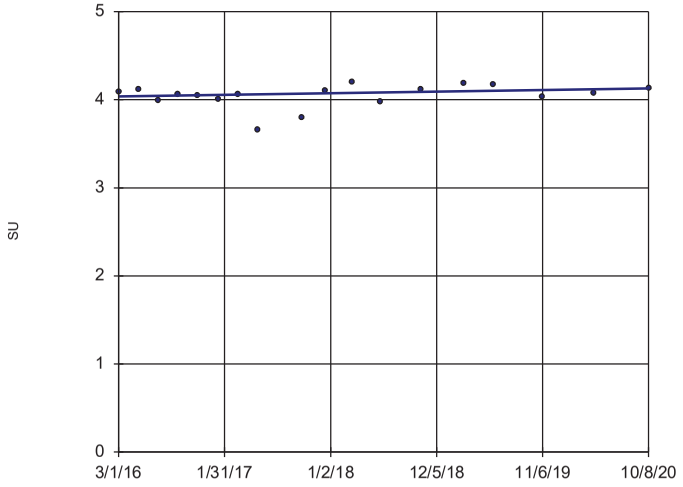
Constituent: Field pH Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 18

Slope = 0.01959 units per year.

Mann-Kendall statistic = 29
critical = 68

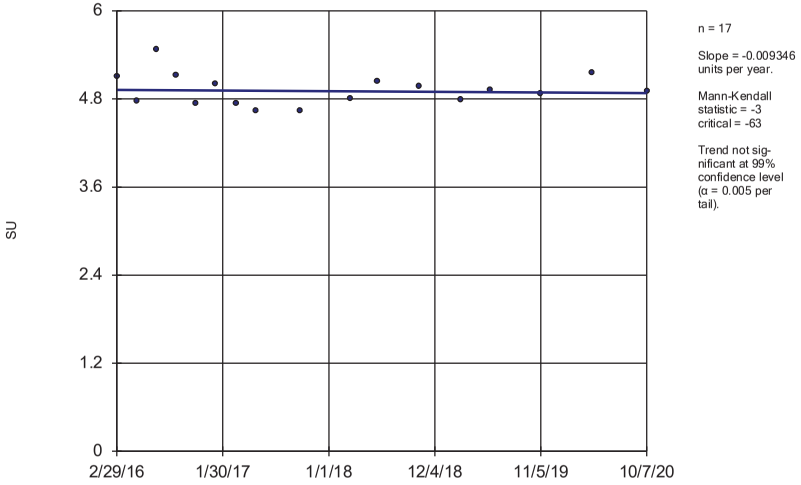
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.009346 units per year.

Mann-Kendall statistic = -3
critical = -63

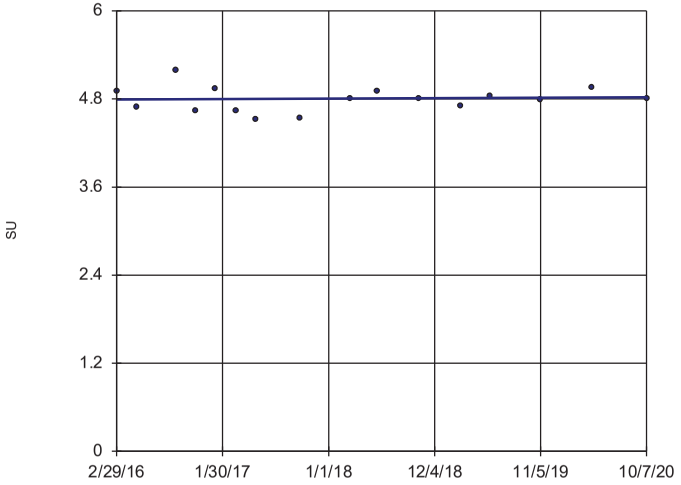
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0.0066 units per year.

Mann-Kendall statistic = 4
critical = 58

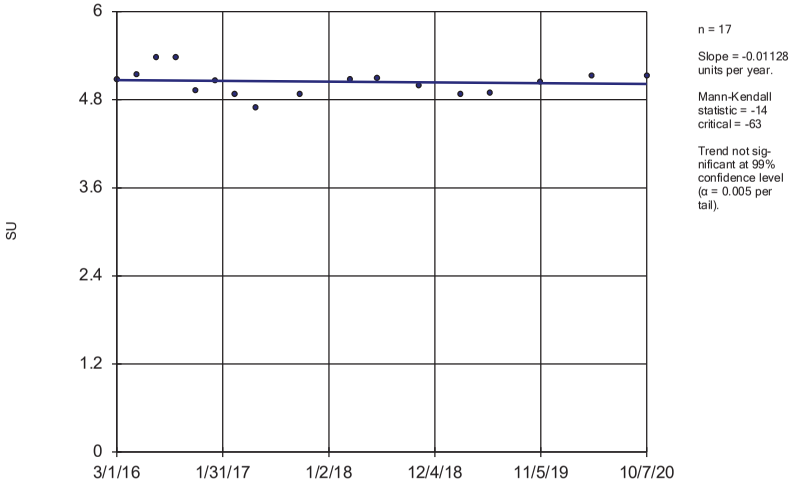
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = -0.01128 units per year.

Mann-Kendall statistic = -14
critical = -63

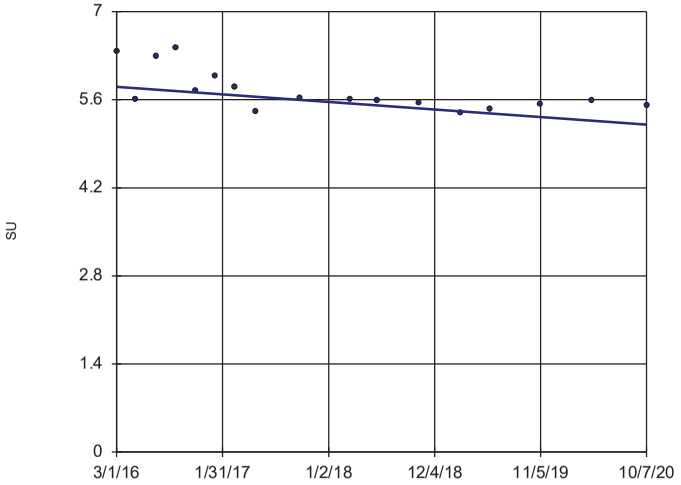
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.1302 units per year.

Mann-Kendall statistic = -81
critical = -63

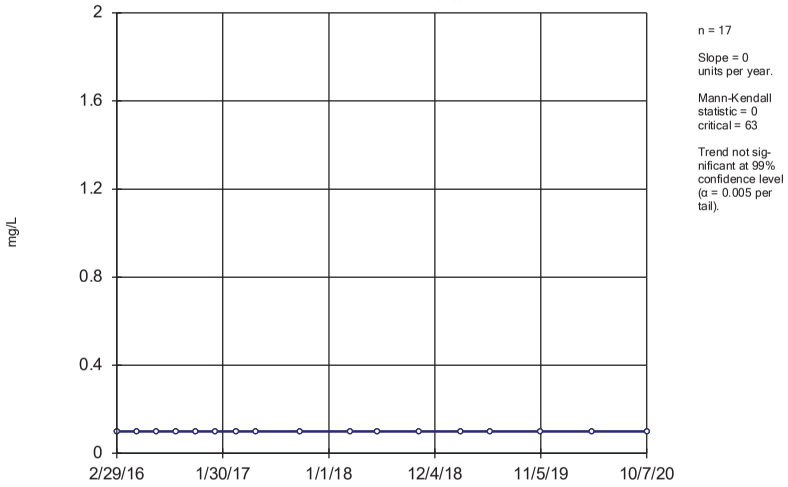
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 63

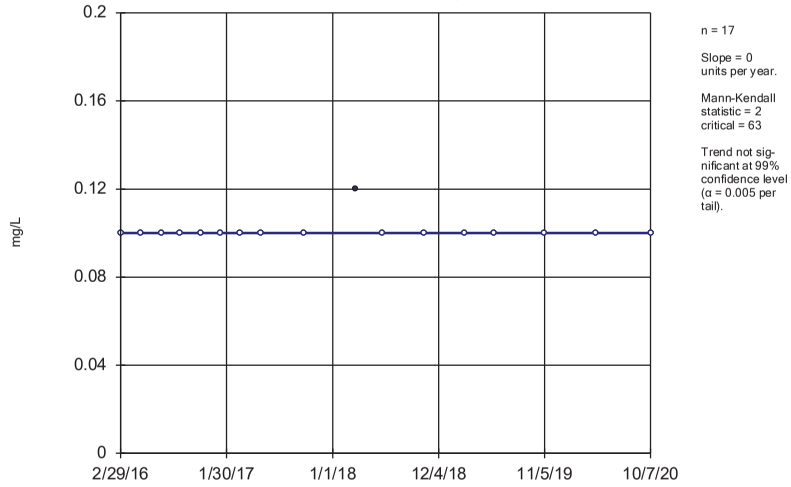
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 2
critical = 63

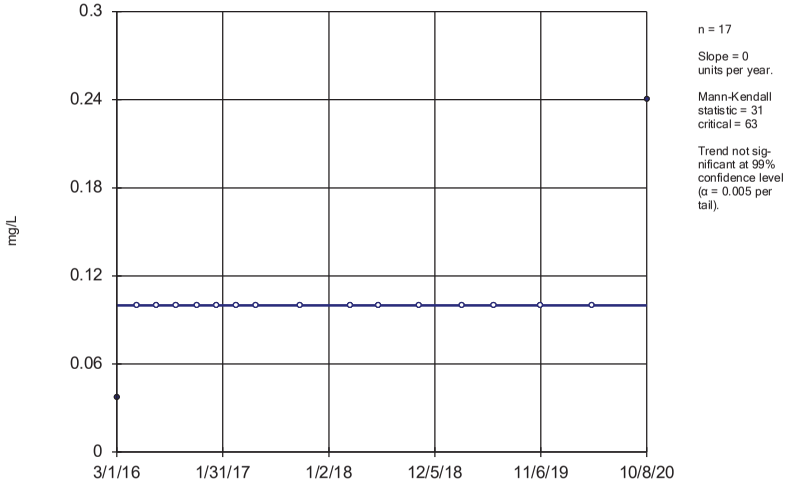
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-103



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 31
critical = 63

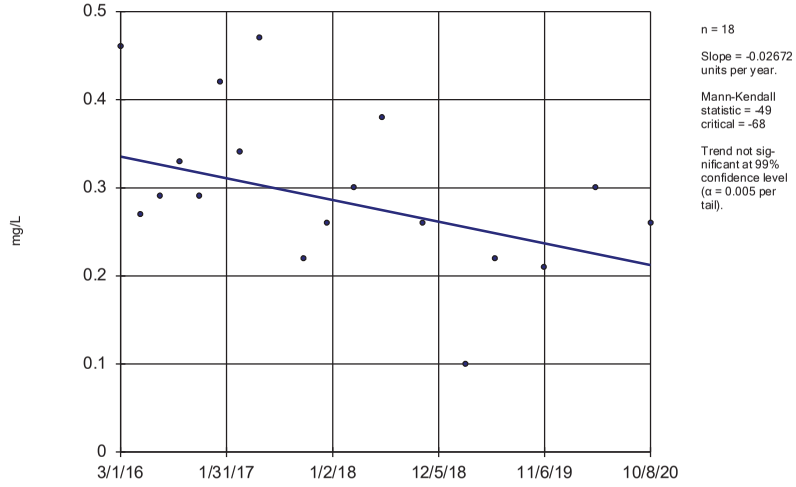
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 18

Slope = -0.02672 units per year.

Mann-Kendall statistic = -49
critical = -68

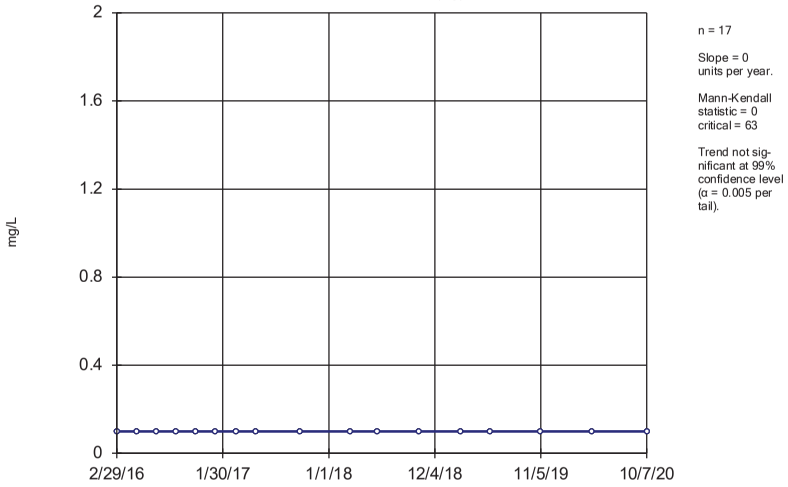
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 63

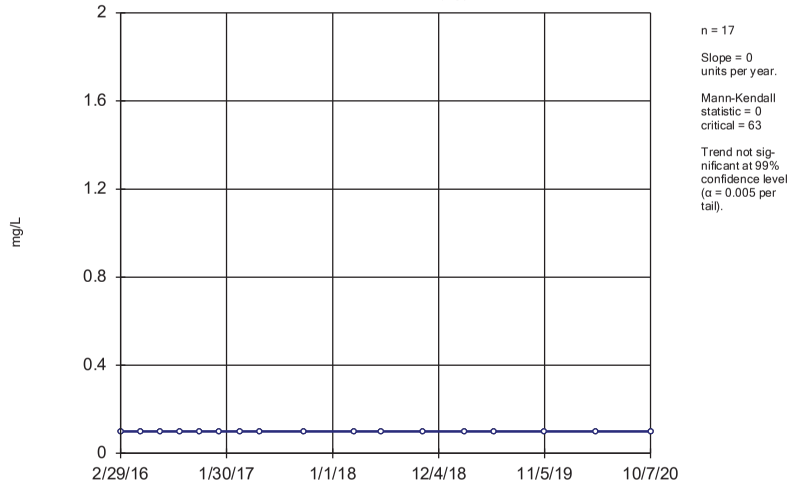
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 63

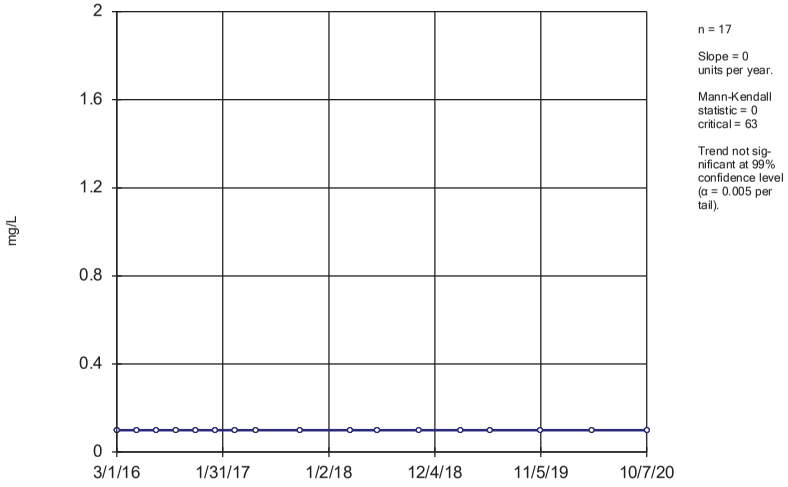
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 63

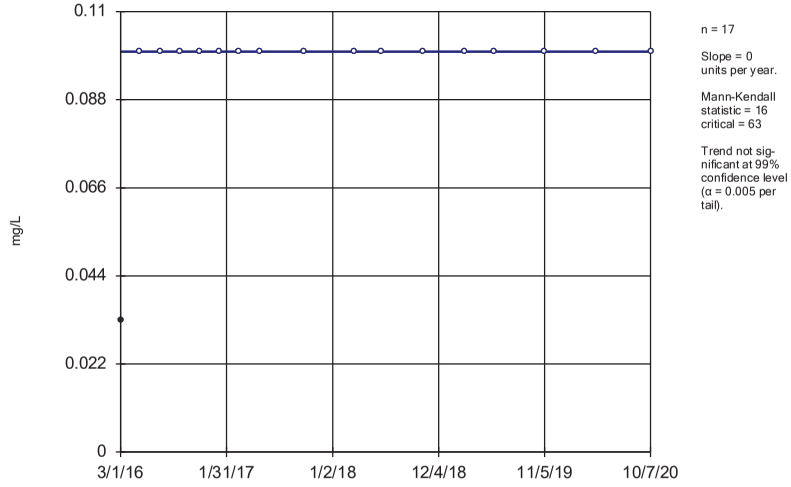
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 16
critical = 63

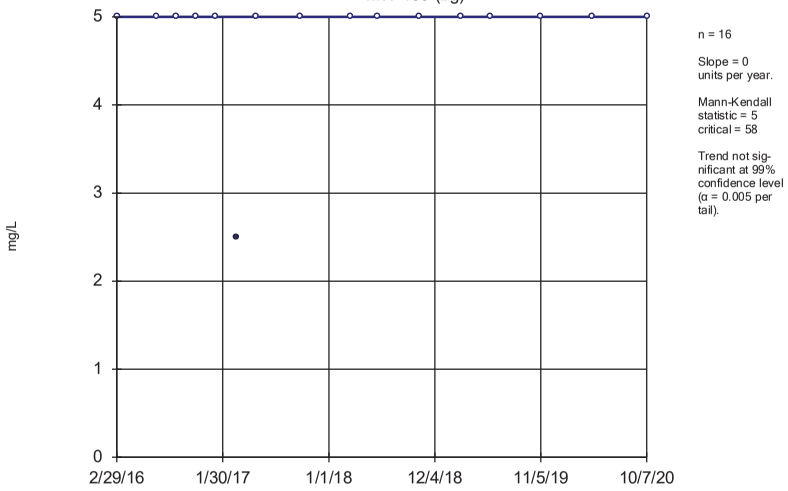
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 5
critical = 58

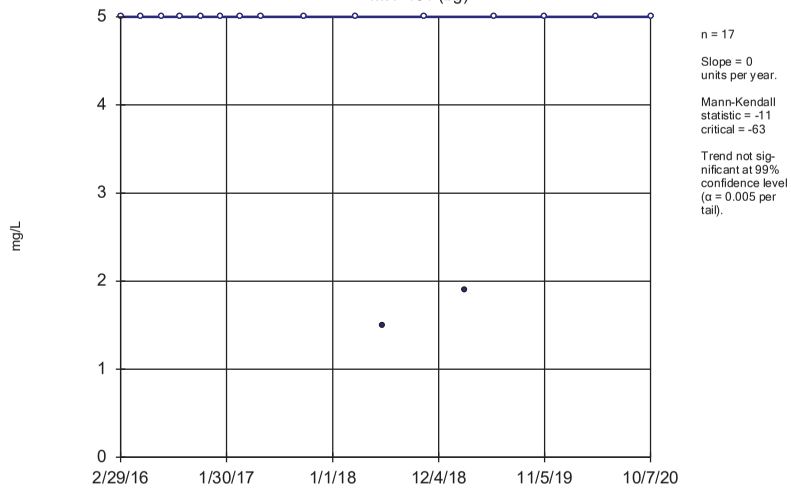
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -11
critical = -63

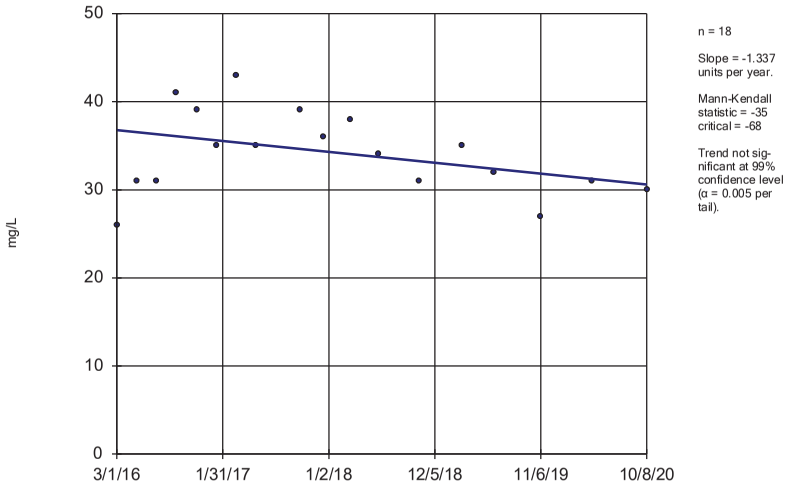
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 18

Slope = -1.337 units per year.

Mann-Kendall statistic = -35
critical = -68

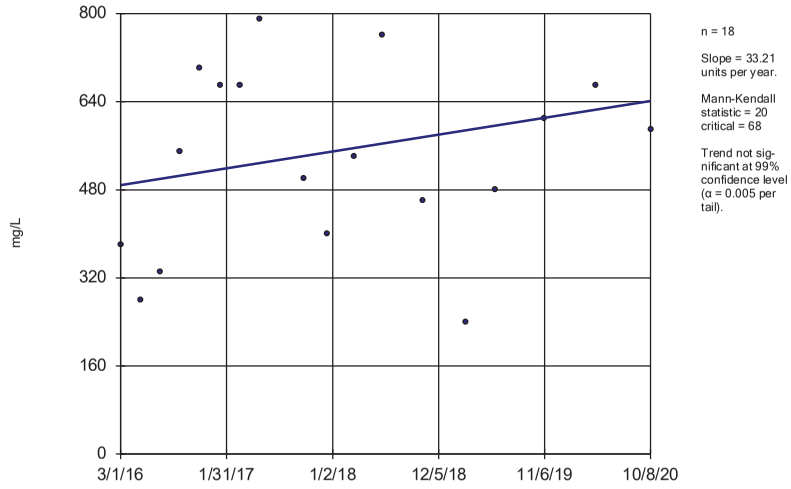
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 18

Slope = 33.21 units per year.

Mann-Kendall statistic = 20
critical = 68

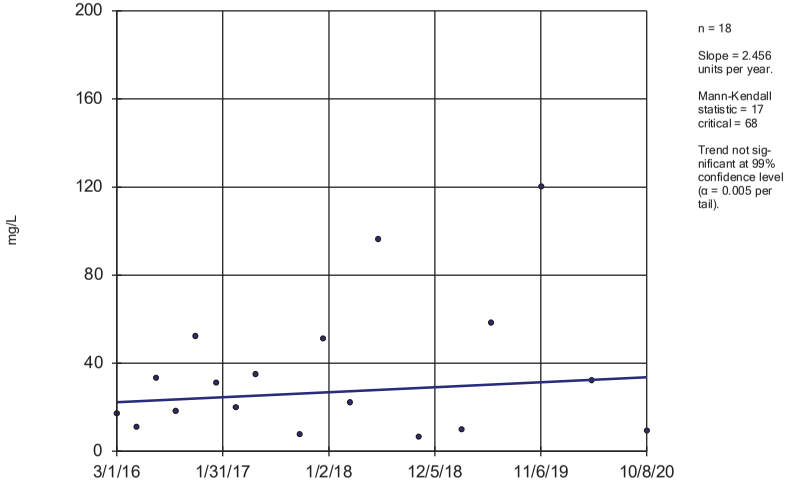
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 18

Slope = 2.456 units per year.

Mann-Kendall statistic = 17
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

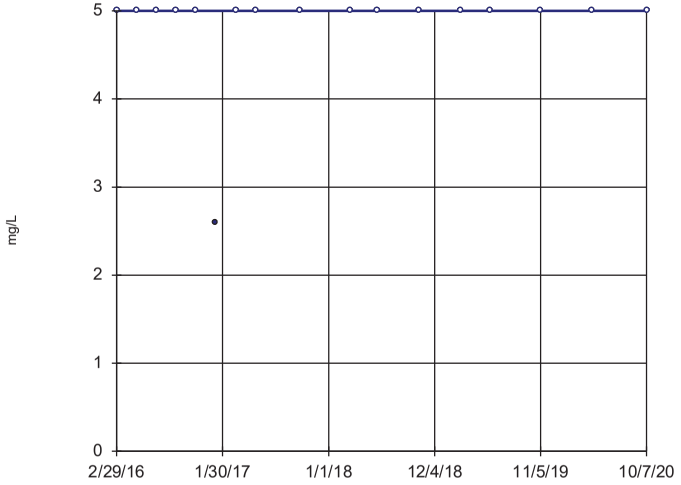
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 6
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

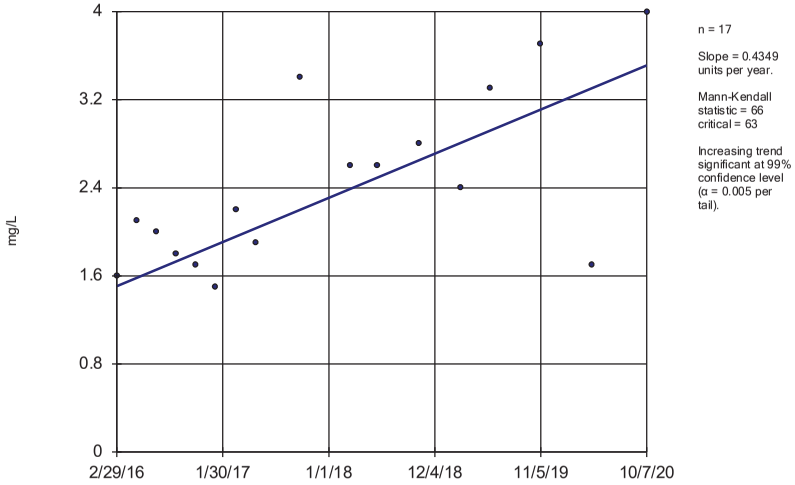
Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.4349 units per year.

Mann-Kendall statistic = 66
critical = 63

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

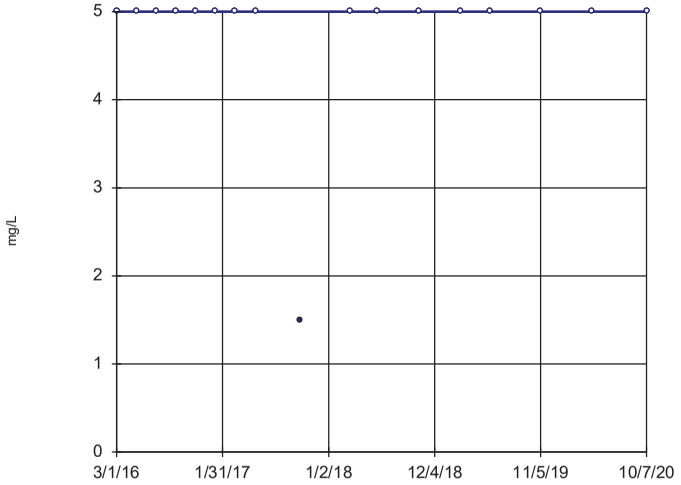
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

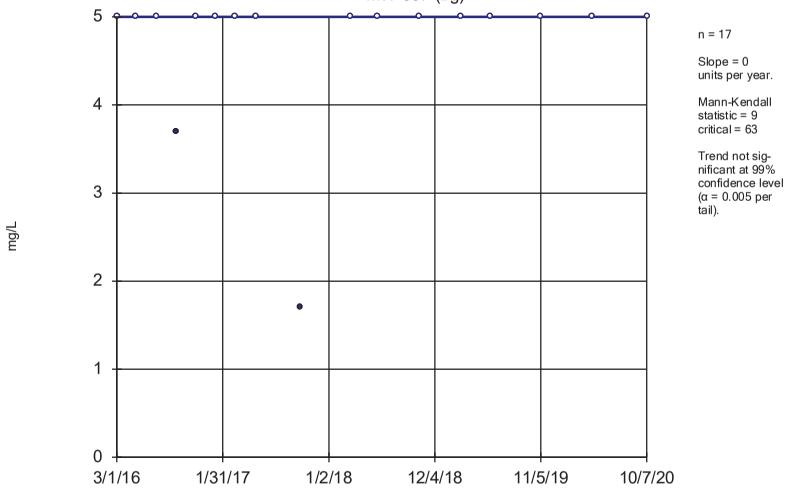
Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 63

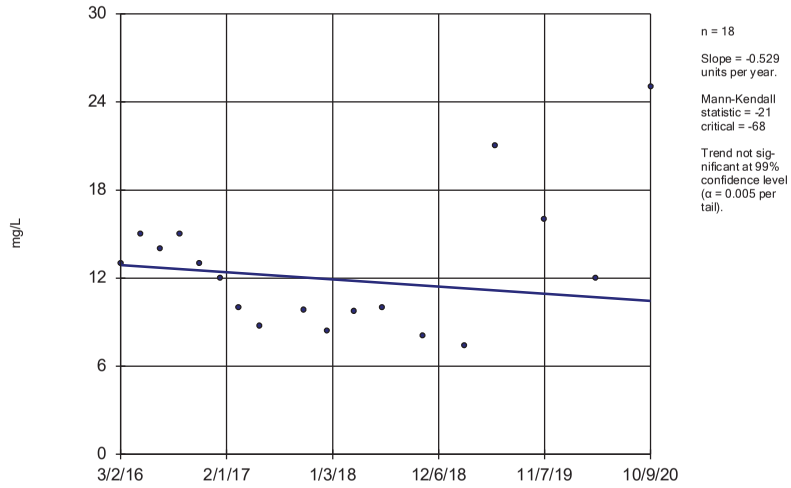
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109



n = 18

Slope = -0.529 units per year.

Mann-Kendall statistic = -21
critical = -68

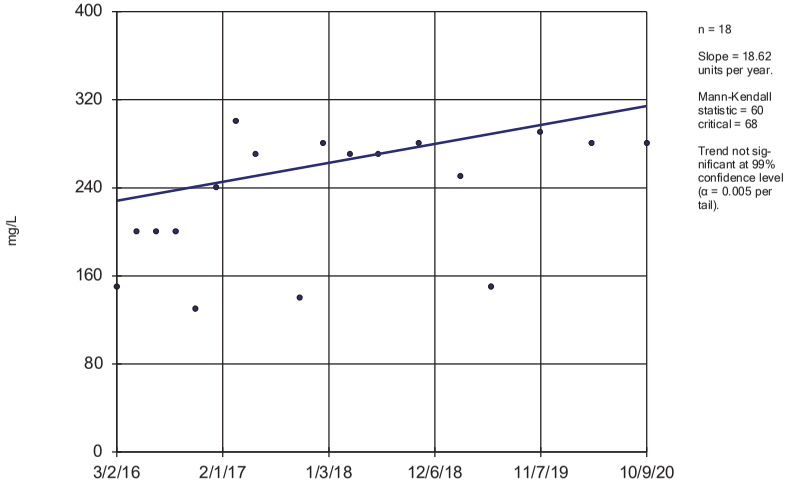
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 18

Slope = 18.62 units per year.

Mann-Kendall statistic = 60
critical = 68

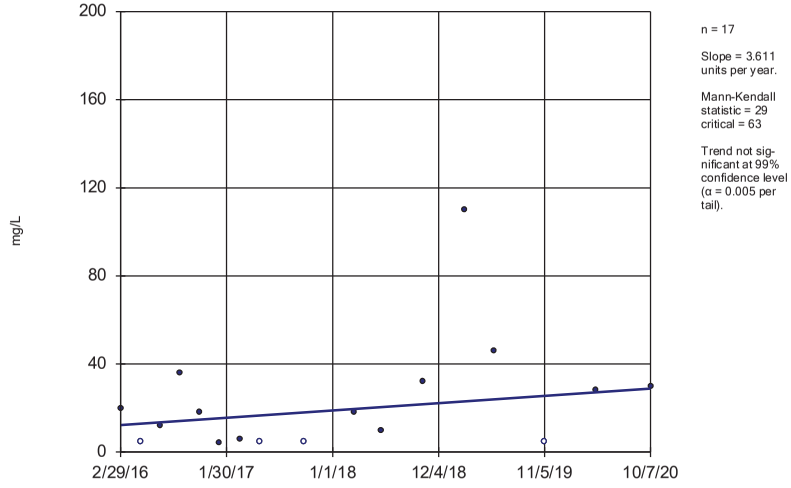
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 3.611 units per year.

Mann-Kendall statistic = 29
critical = 63

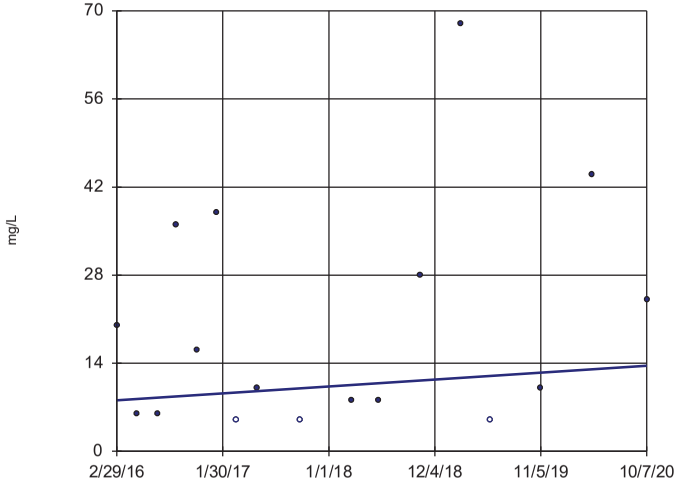
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 1.195 units per year.

Mann-Kendall statistic = 18
critical = 63

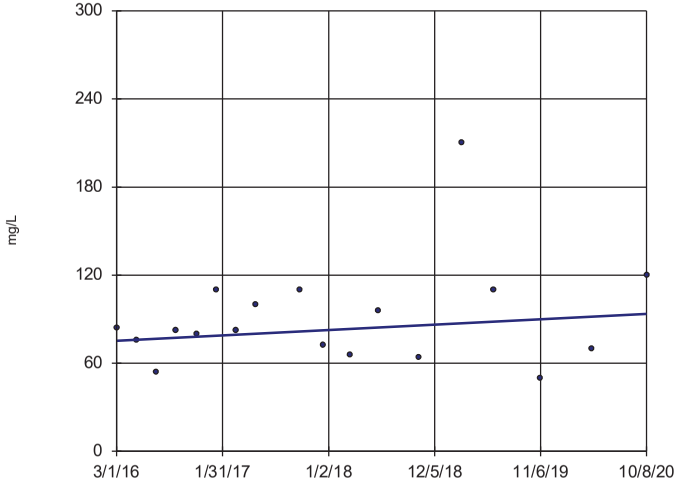
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 18

Slope = 4.004 units per year.

Mann-Kendall statistic = 11
critical = 68

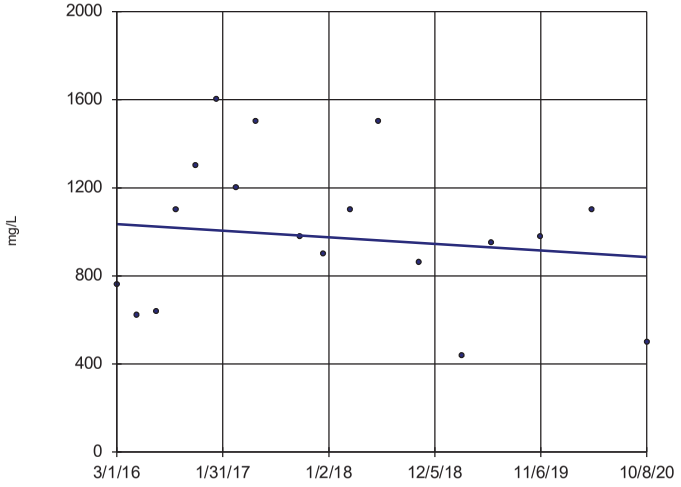
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 18

Slope = -32.27 units per year.

Mann-Kendall statistic = -10
critical = -68

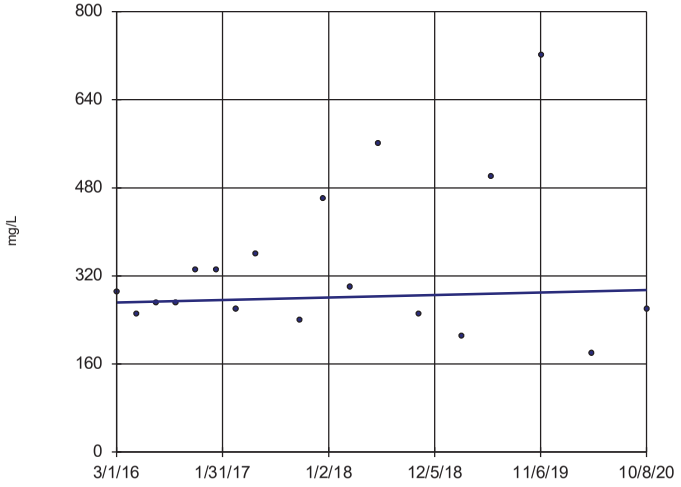
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 18

Slope = 4.913 units per year.

Mann-Kendall statistic = 7
critical = 68

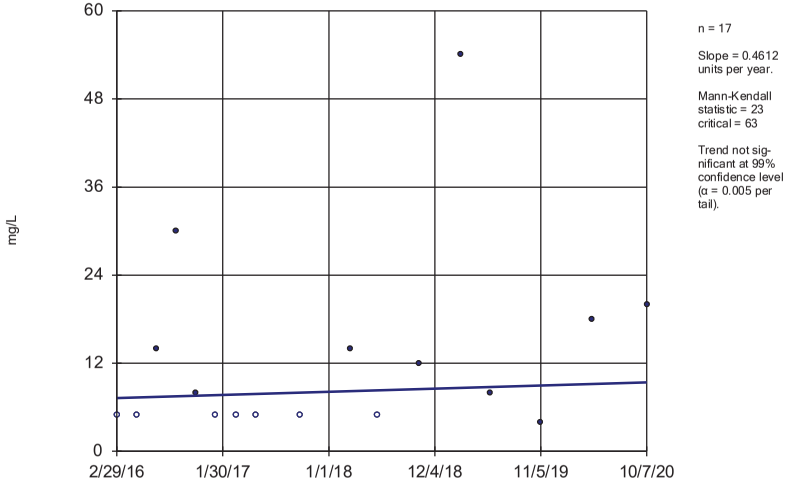
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

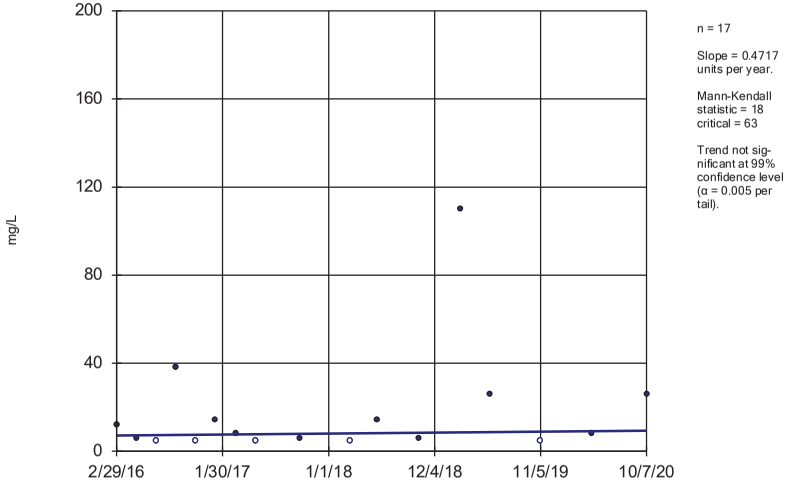


Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

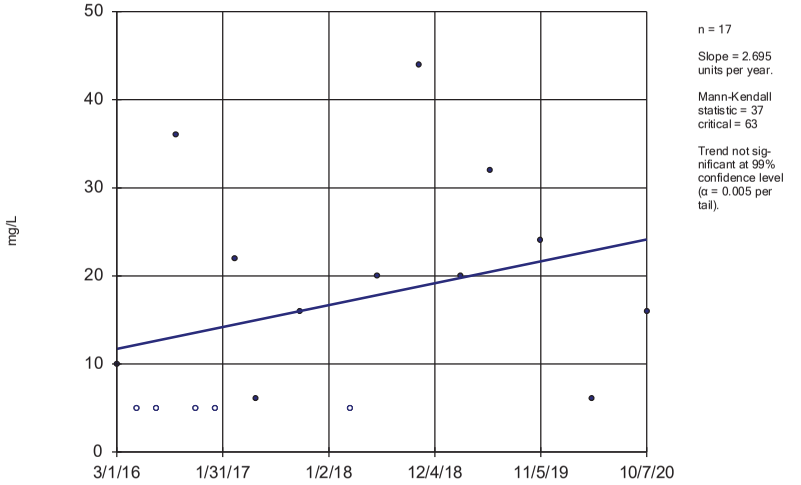


Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

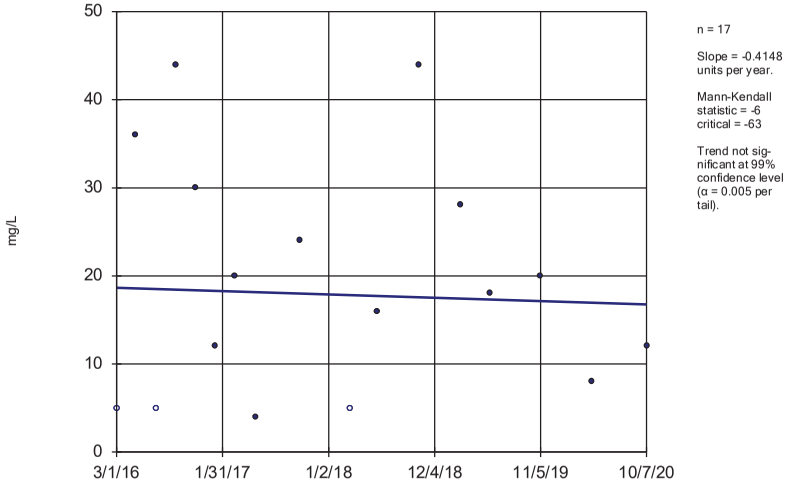


Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

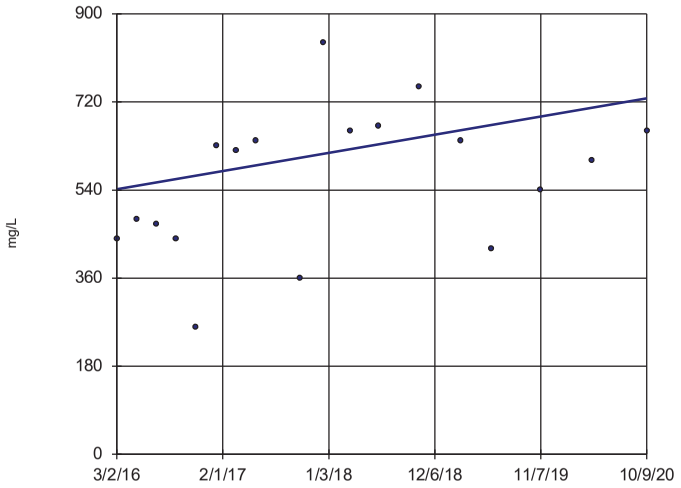
MW-307 (bg)



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-110



n = 18

Slope = 40.29 units per year.

Mann-Kendall statistic = 44 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:07 PM View: Trend Tests 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

200 Series

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-7.907**	**-118**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-8.039**	**-103**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-20.49**	**-132**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-192.1**	**-127**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-202.3**	**-122**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-584**	**-143**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-333.3**	**-102**	**-68**	**Yes**	**18**	**5.556**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-419.4**	**-101**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1275**	**-124**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-81.11**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-103.6**	**-123**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-133.8**	**-114**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-1244**	**-126**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1174**	**-106**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3045**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 200 Series Wells - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-25	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-19	-63	No	17	82.35	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-25	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-7.907**	**-118**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-8.039**	**-103**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-20.49**	**-132**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-100 (bg)	0.03825	45	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01915	-34	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03081	-42	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.05435	42	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0	-1	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-192.1**	**-127**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-202.3**	**-122**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-584**	**-143**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1902	51	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.05999	-20	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-60	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2214	60	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1289	41	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-333.3**	**-102**	**-68**	**Yes**	**18**	**5.556**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-419.4**	**-101**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1275**	**-124**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.02297	-20	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01946	-10	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.009346	-3	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.0066	4	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01128	-14	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-200	0.05034	45	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-206	0.113	67	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	2	63	No	17	94.12	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	63	No	17	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	16	63	No	17	94.12	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.02633	-12	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-11	-63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	0	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	9	63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-200**	**-81.11**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-103.6**	**-123**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-133.8**	**-114**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.611	29	63	No	17	23.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.195	18	63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.4612	23	63	No	17	41.18	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.4717	18	63	No	17	29.41	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - All Results

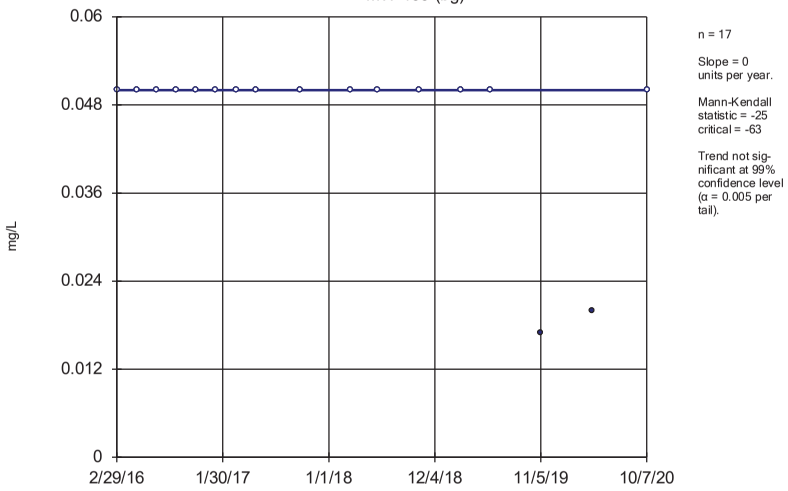
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:23 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.695	37	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	-0.4148	-6	-63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-1244**	**-126**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1174**	**-106**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-3045**	**-112**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

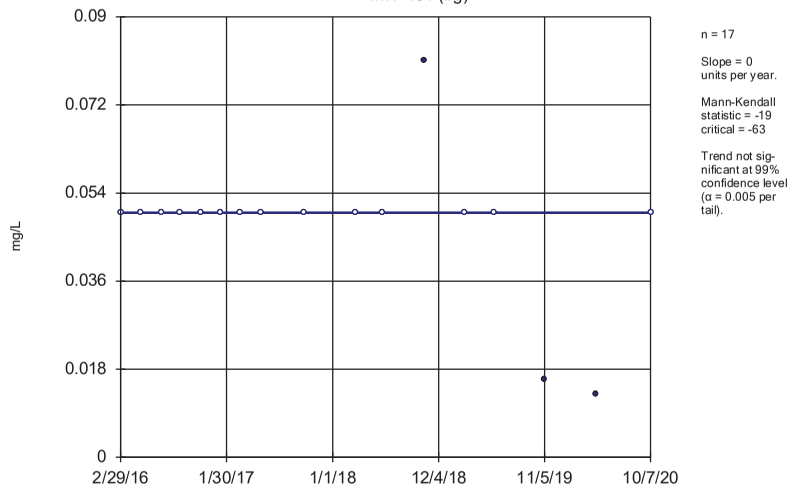


Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

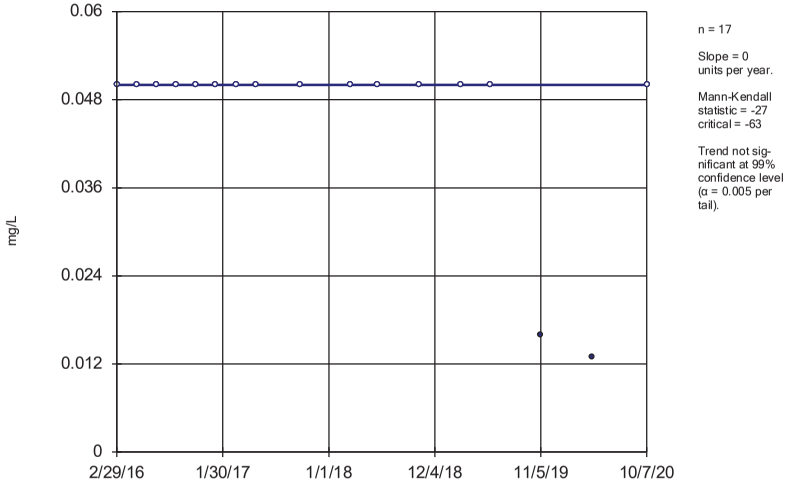


Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

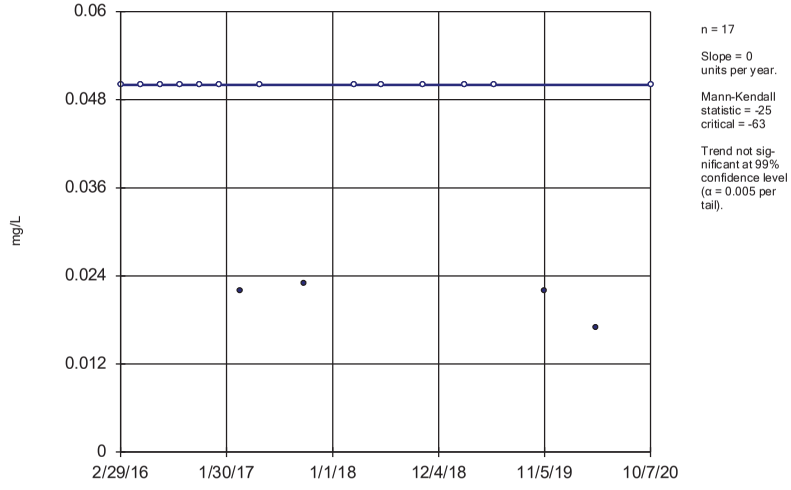


Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

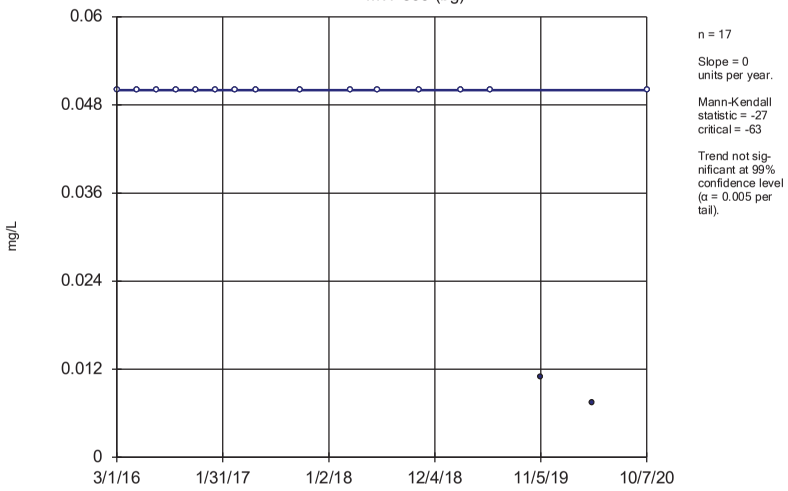


Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

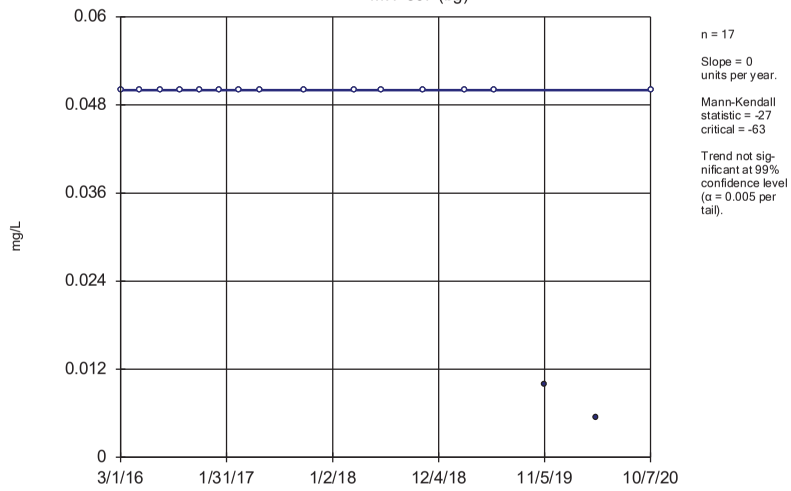
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

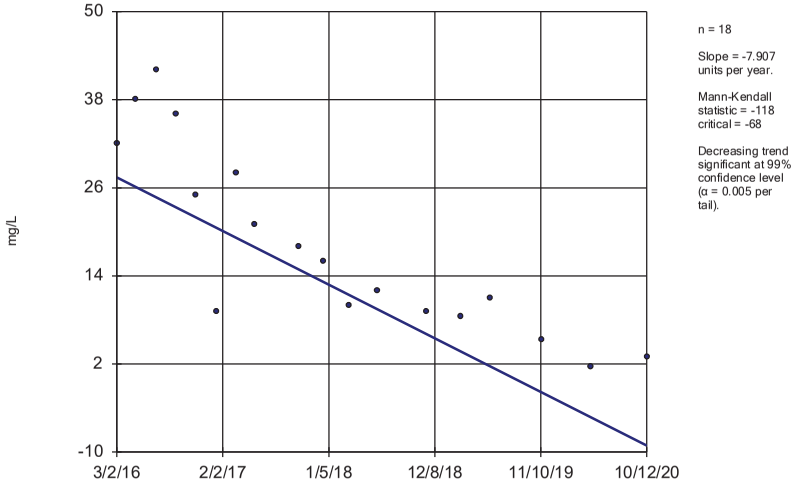
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 18

Slope = -7.907 units per year.

Mann-Kendall statistic = -118
critical = -68

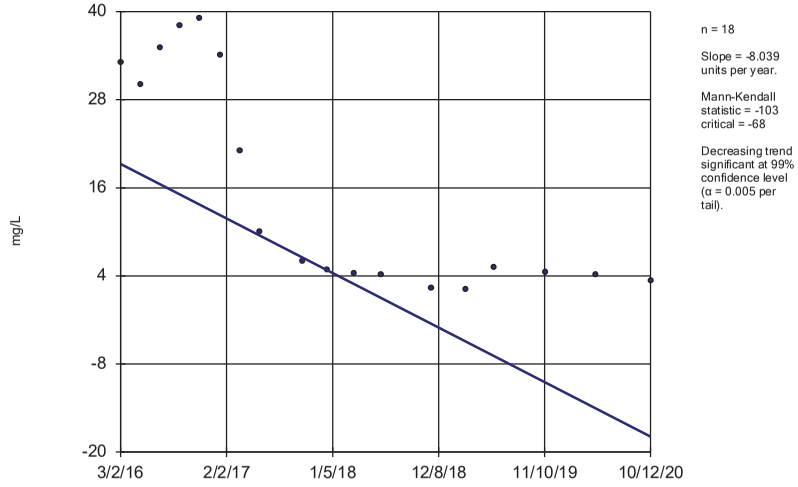
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 18

Slope = -8.039 units per year.

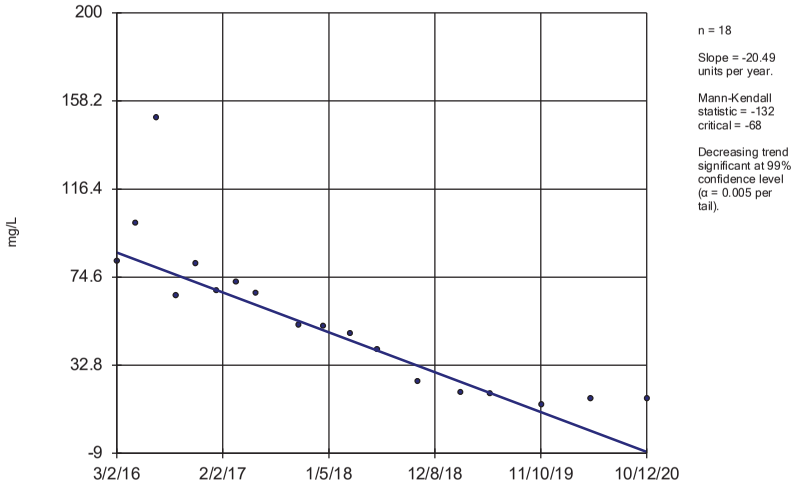
Mann-Kendall statistic = -103
critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-206



n = 18

Slope = -20.49 units per year.

Mann-Kendall statistic = -132
critical = -68

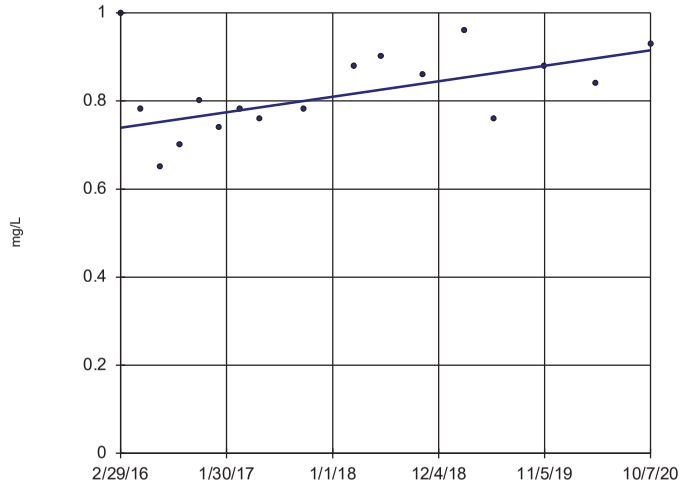
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0.03825 units per year.

Mann-Kendall statistic = 45
critical = 63

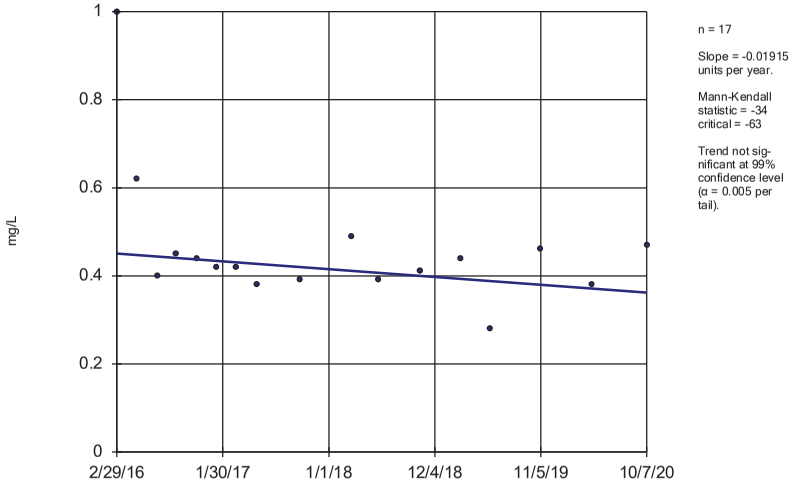
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = -0.01915 units per year.

Mann-Kendall statistic = -34
critical = -63

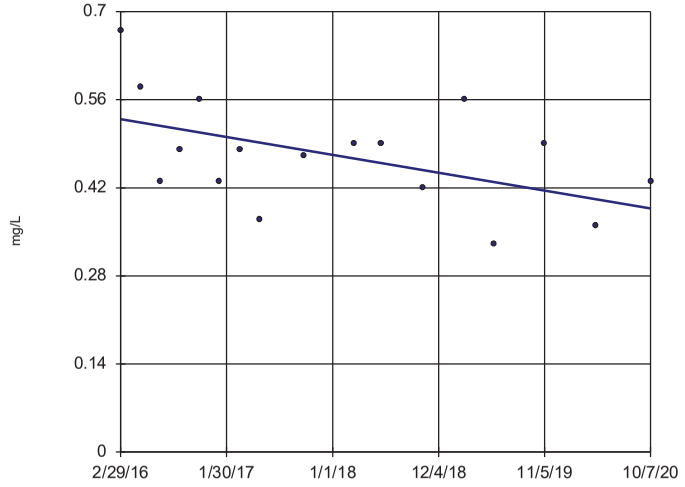
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.03081 units per year.

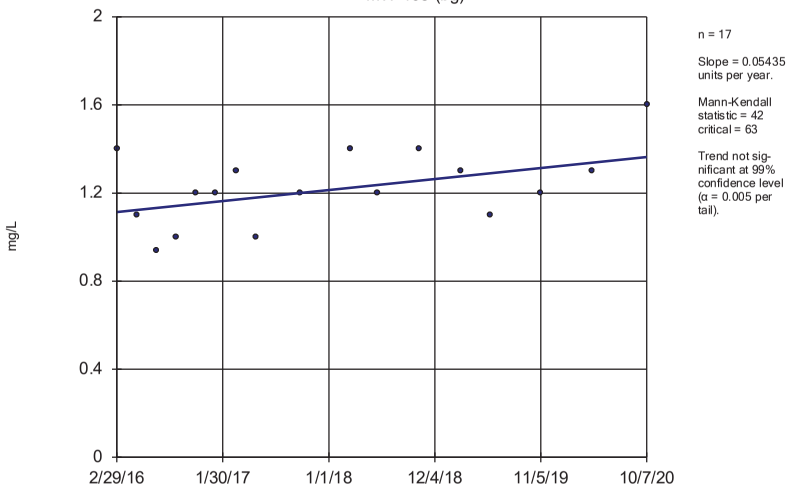
Mann-Kendall statistic = -42
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.05435 units per year.

Mann-Kendall statistic = 42
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

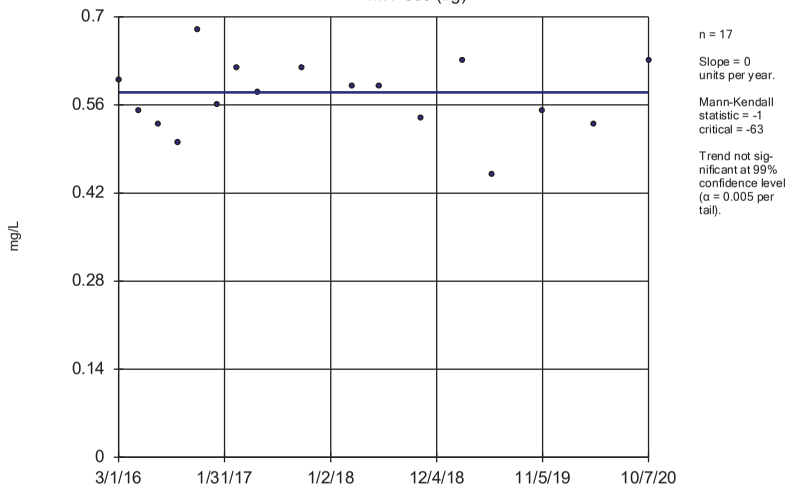
Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

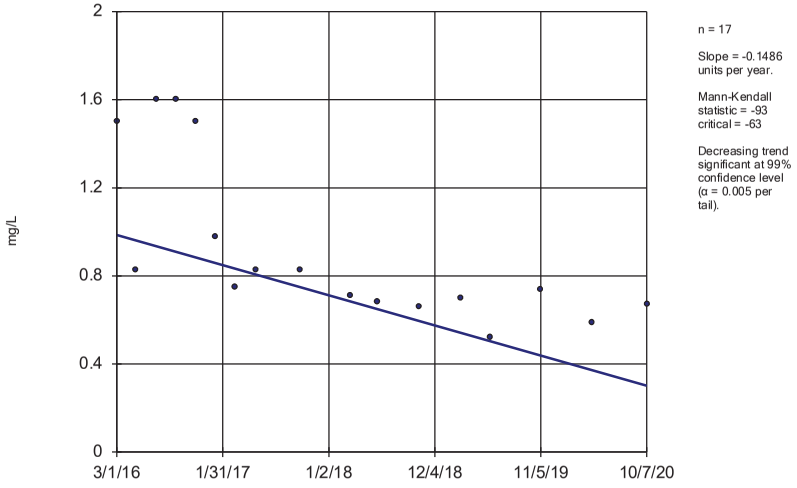
Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.1486 units per year.

Mann-Kendall statistic = -93
critical = -63

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

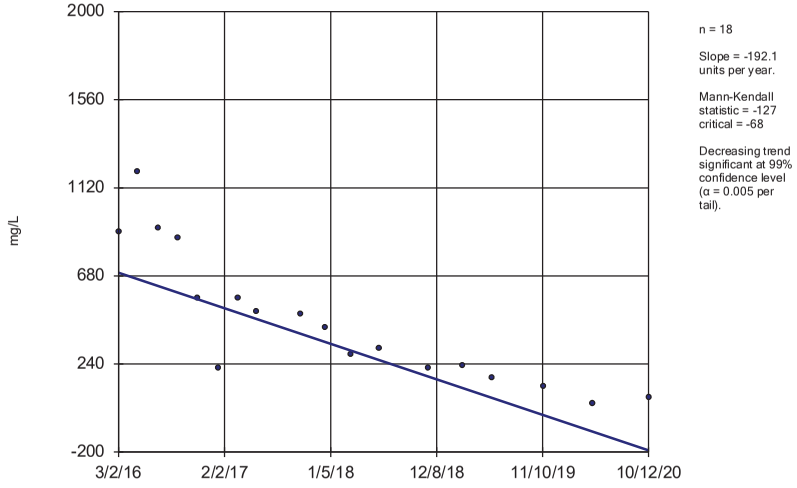
Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 18

Slope = -192.1 units per year.

Mann-Kendall statistic = -127
critical = -68

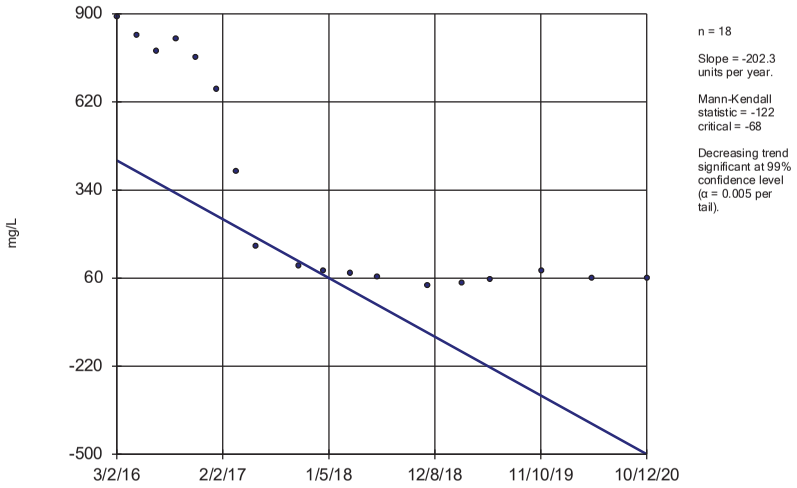
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-201



n = 18

Slope = -202.3 units per year.

Mann-Kendall statistic = -122
critical = -68

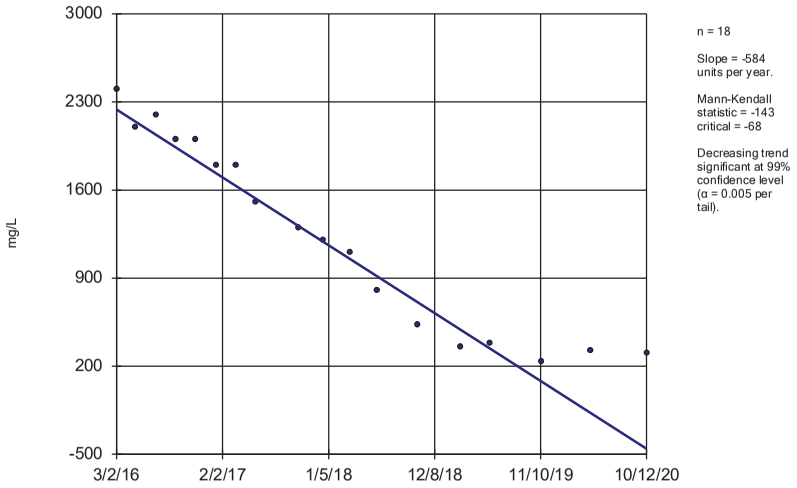
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 18

Slope = -584 units per year.

Mann-Kendall statistic = -143
critical = -68

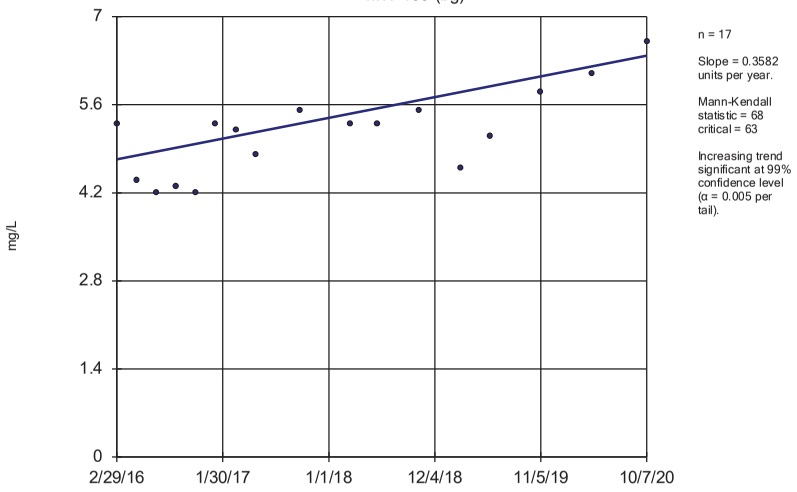
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0.3582 units per year.

Mann-Kendall statistic = 68
critical = 63

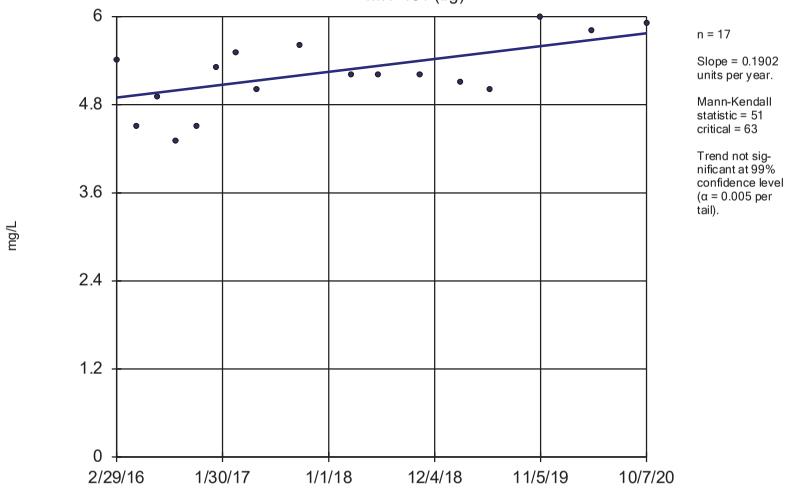
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0.1902 units per year.

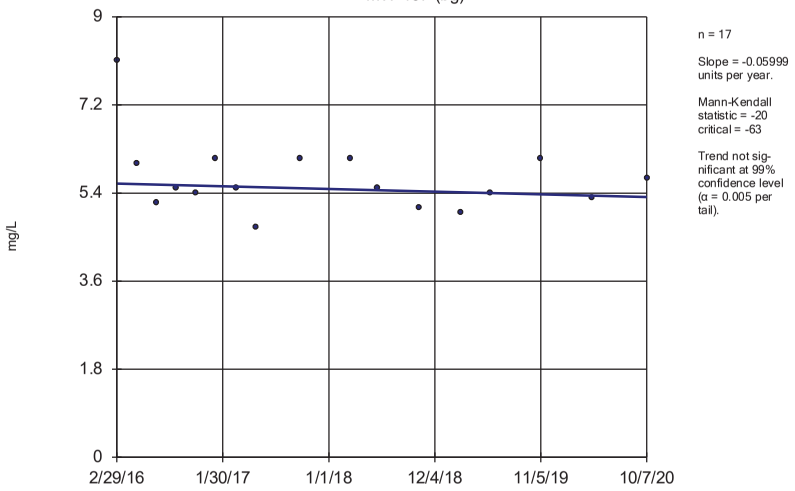
Mann-Kendall statistic = 51
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.05999 units per year.

Mann-Kendall statistic = -20
critical = -63

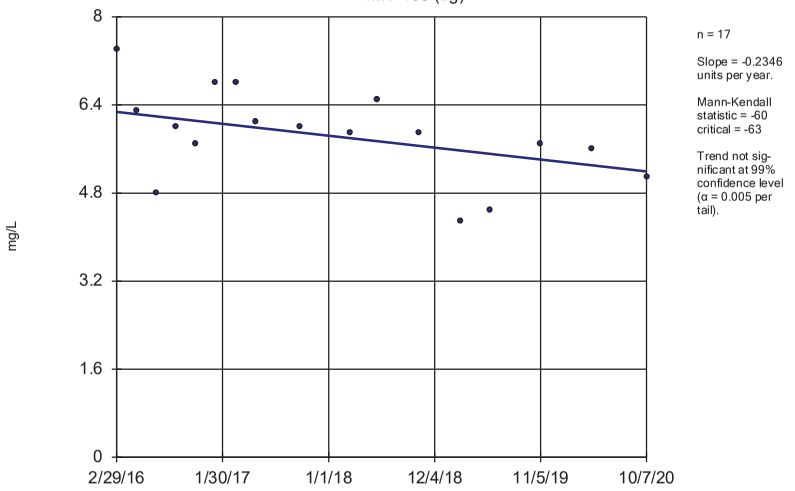
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = -0.2346 units per year.

Mann-Kendall statistic = -60
critical = -63

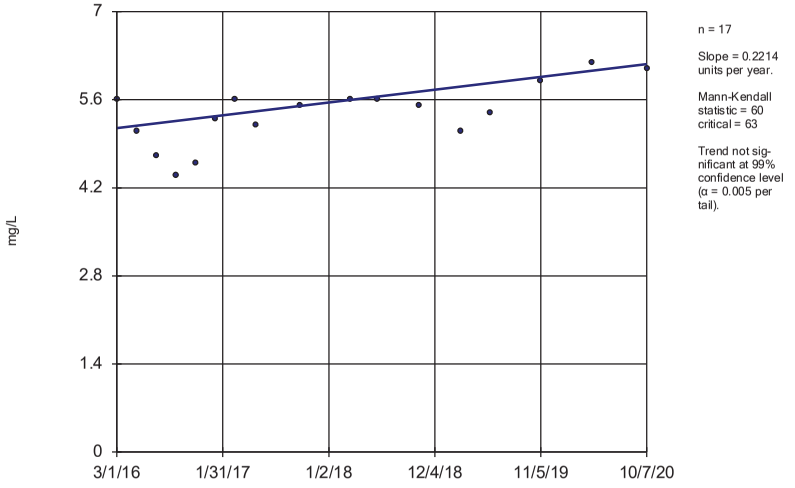
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0.2214 units per year.

Mann-Kendall statistic = 60
critical = 63

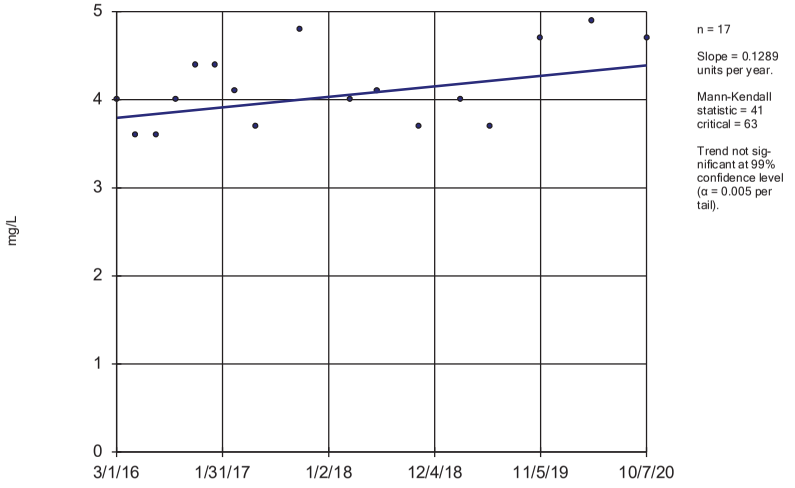
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0.1289 units per year.

Mann-Kendall statistic = 41
critical = 63

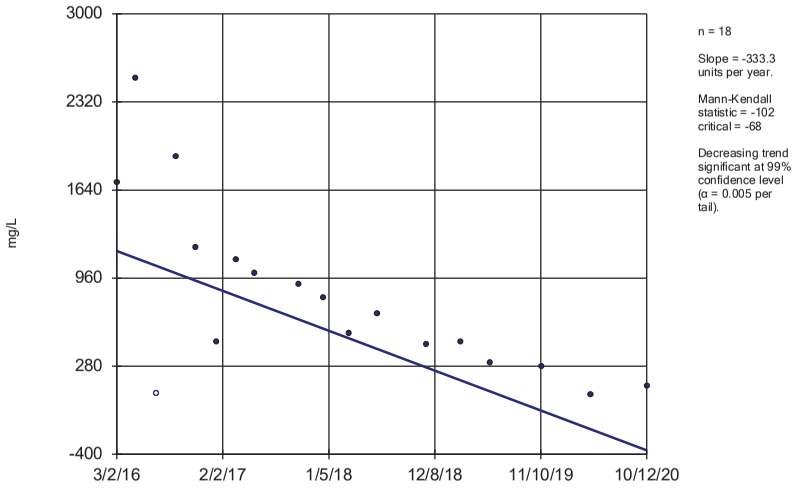
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-200



n = 18

Slope = -333.3 units per year.

Mann-Kendall statistic = -102
critical = -68

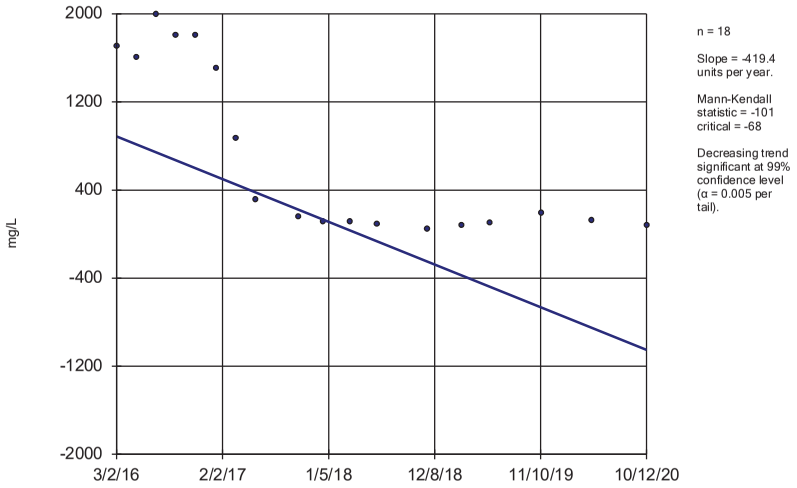
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 18

Slope = -419.4 units per year.

Mann-Kendall statistic = -101
critical = -68

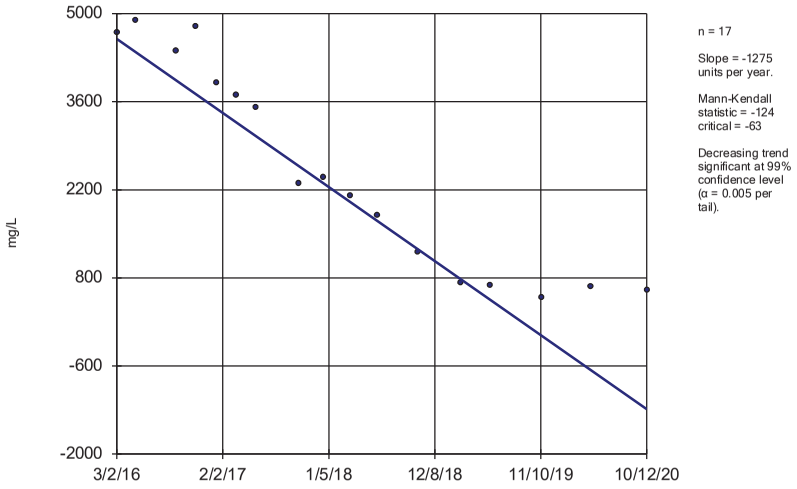
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 17

Slope = -1275 units per year.

Mann-Kendall statistic = -124
critical = -63

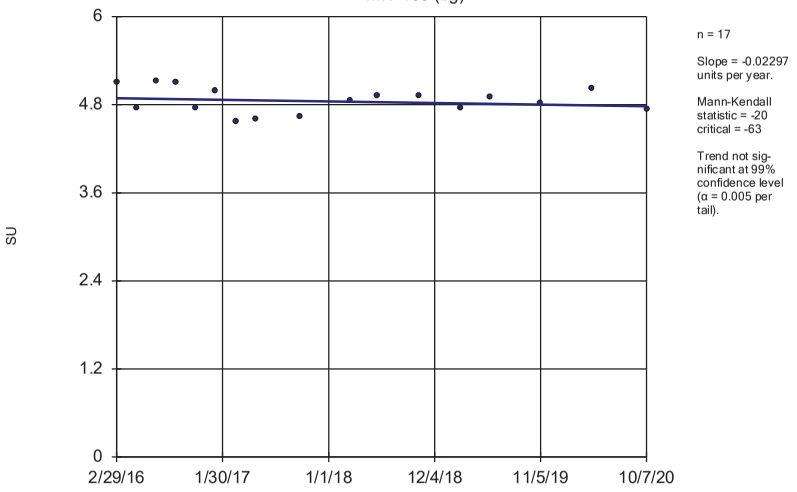
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = -0.02297 units per year.

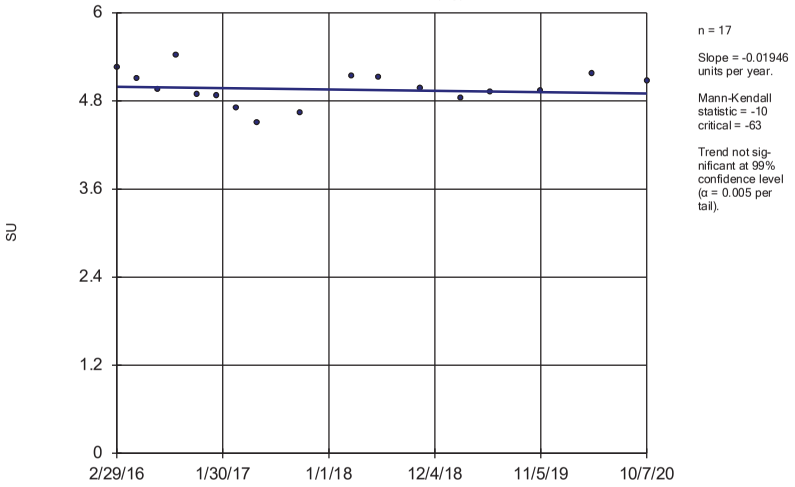
Mann-Kendall statistic = -20
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = -0.01946 units per year.

Mann-Kendall statistic = -10
critical = -63

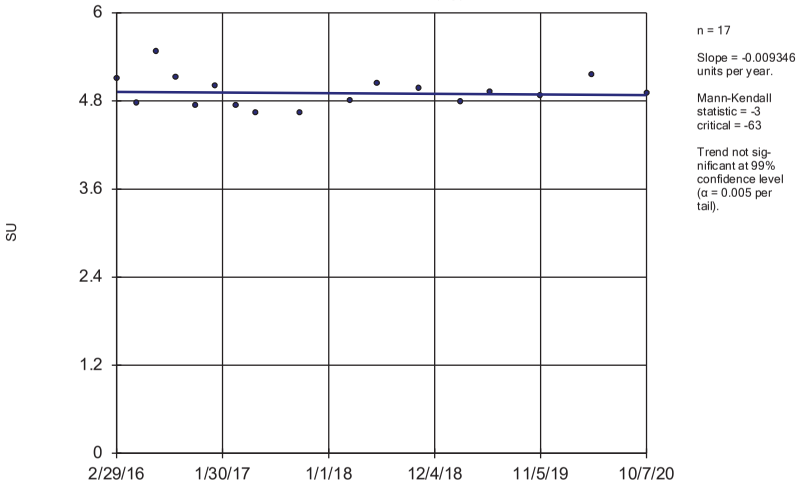
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.009346 units per year.

Mann-Kendall statistic = -3
critical = -63

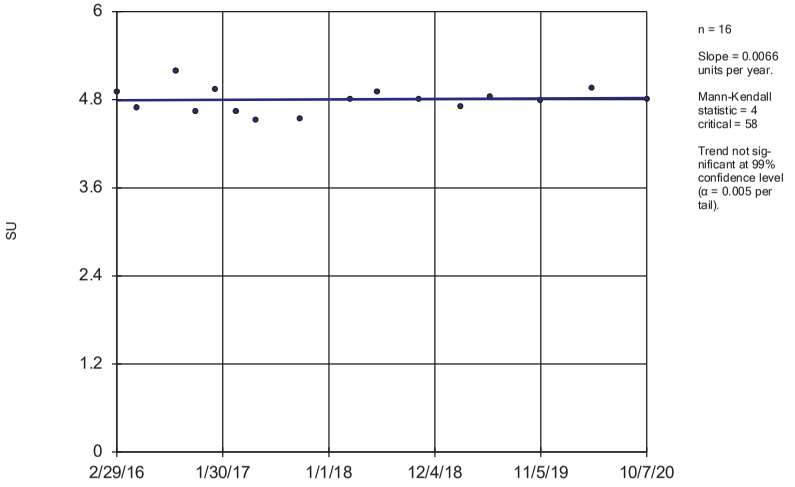
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0.0066 units per year.

Mann-Kendall statistic = 4
critical = 58

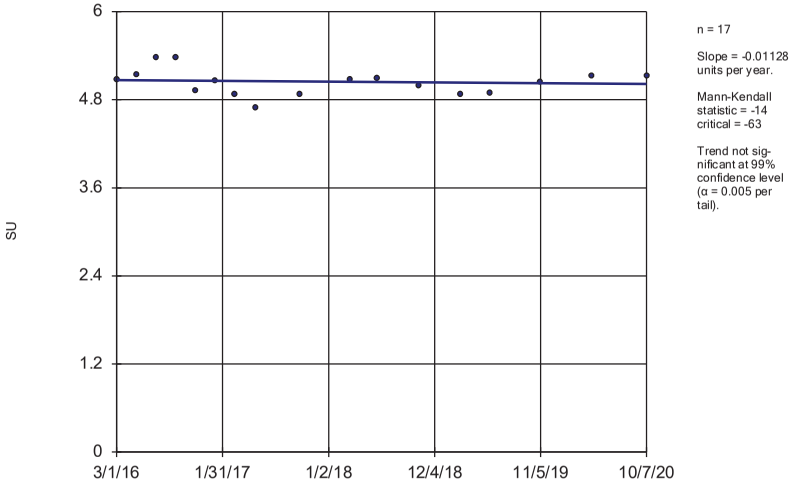
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = -0.01128 units per year.

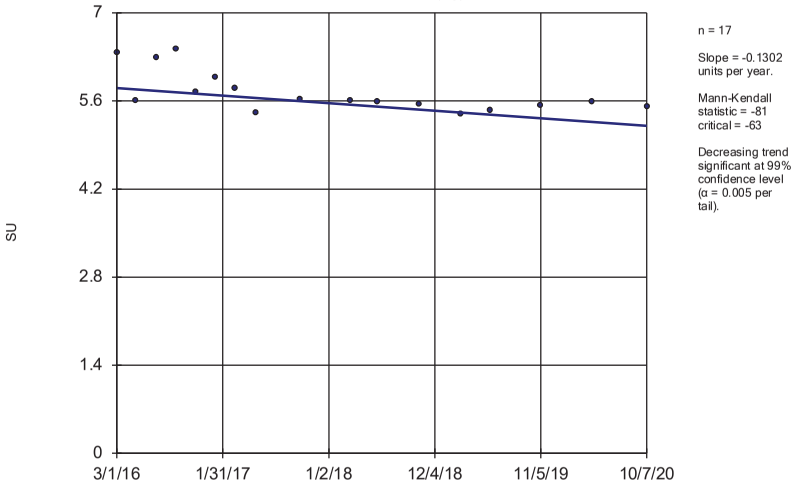
Mann-Kendall statistic = -14
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.1302 units per year.

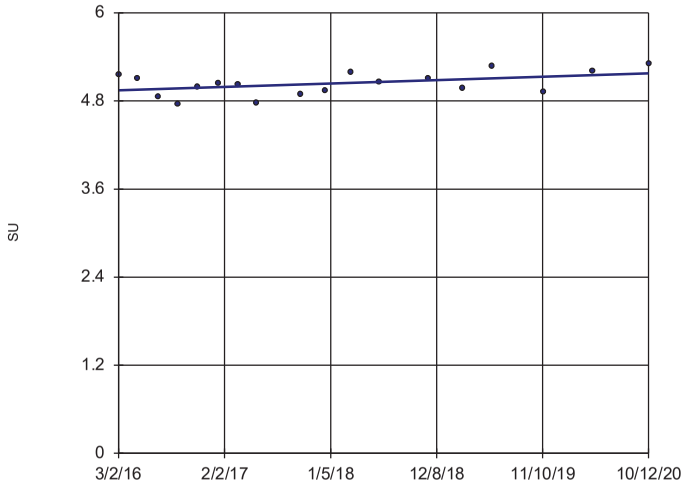
Mann-Kendall statistic = -81
critical = -63

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-200



n = 18

Slope = 0.05034 units per year.

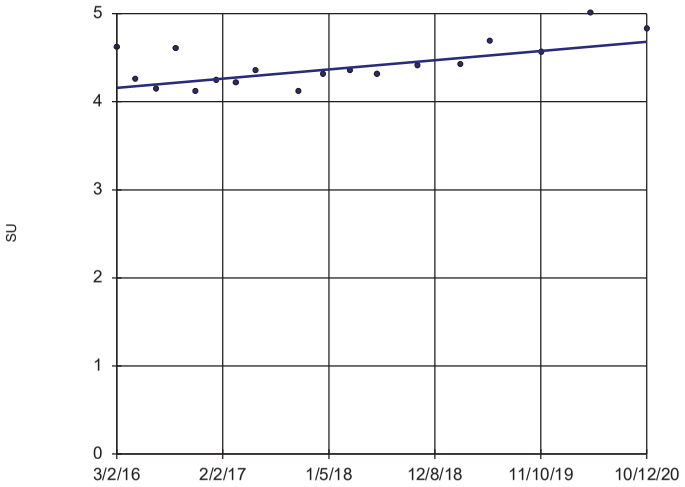
Mann-Kendall statistic = 45
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-206



n = 18

Slope = 0.113 units per year.

Mann-Kendall statistic = 67
critical = 68

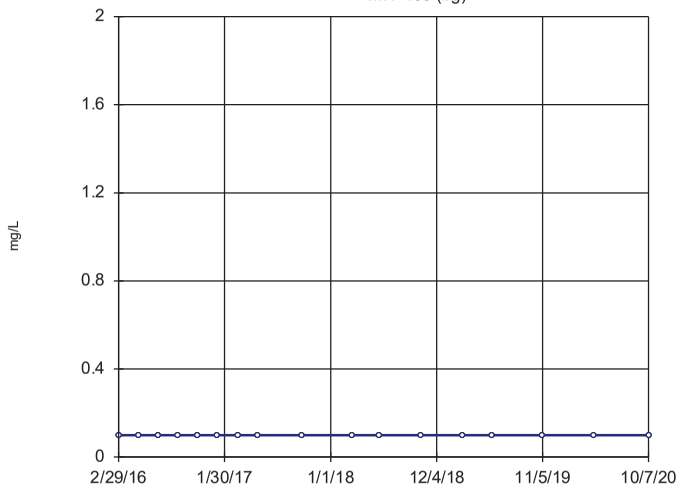
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 63

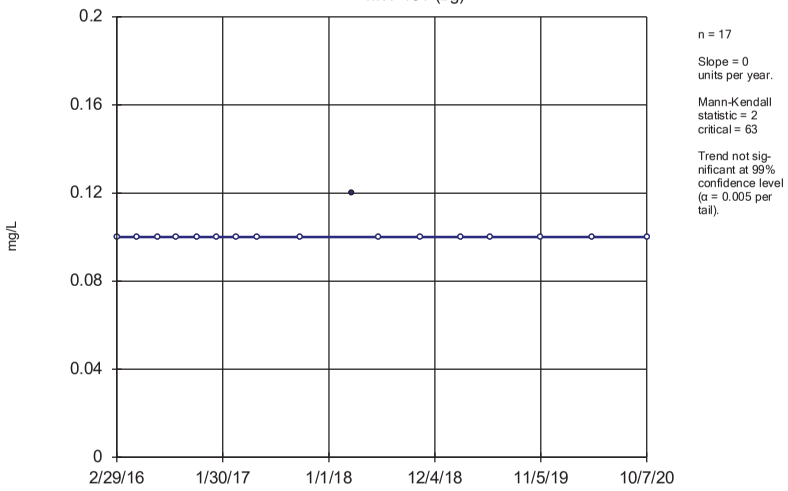
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

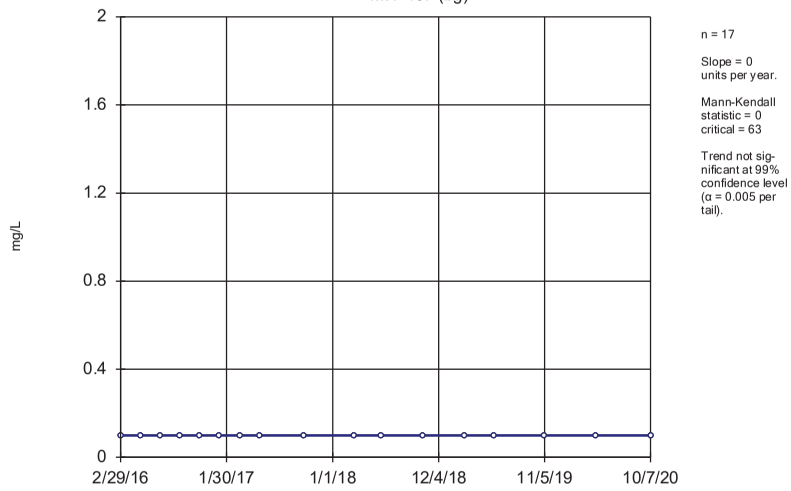


Constituent: Fluoride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

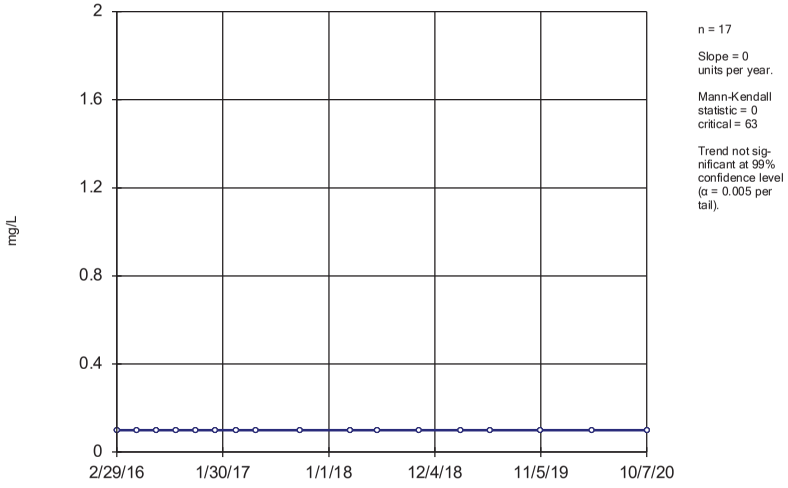


Constituent: Fluoride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

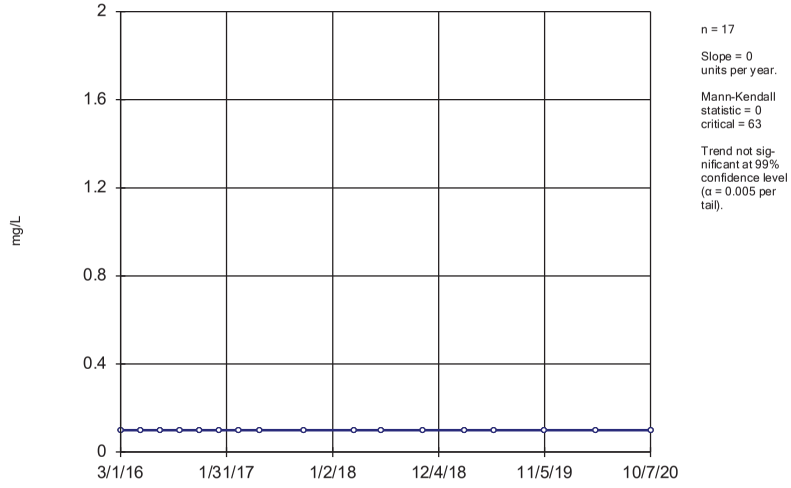


Constituent: Fluoride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

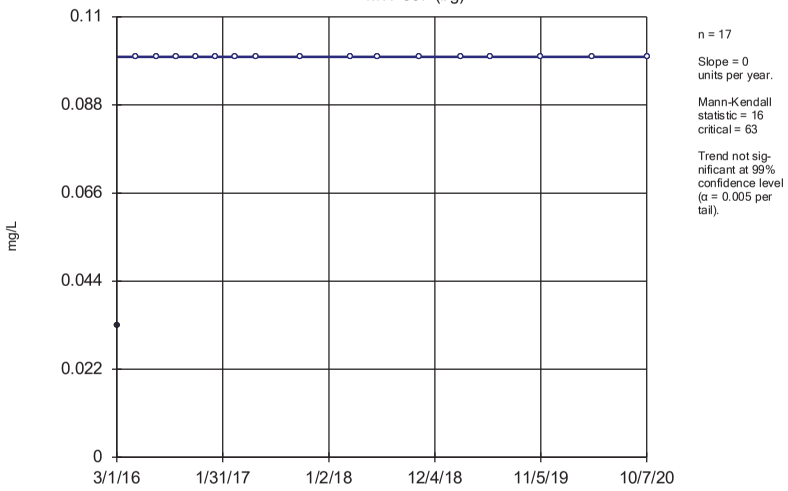


Constituent: Fluoride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 16
critical = 63

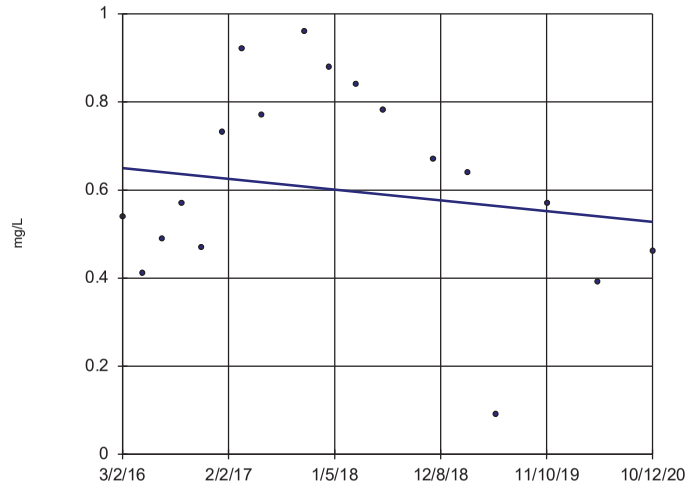
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 18

Slope = -0.02633 units per year.

Mann-Kendall statistic = -12
critical = -68

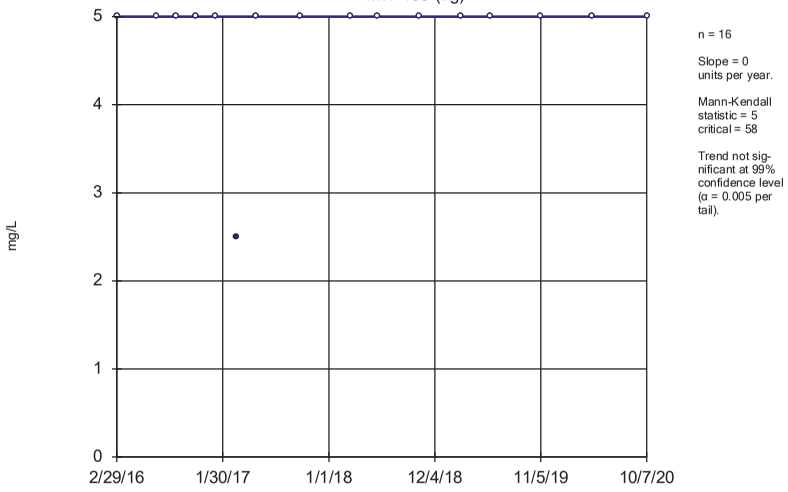
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 5
critical = 58

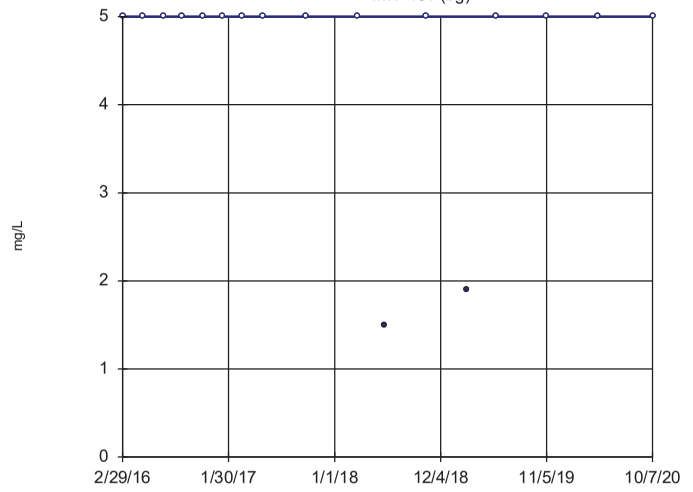
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -11
critical = -63

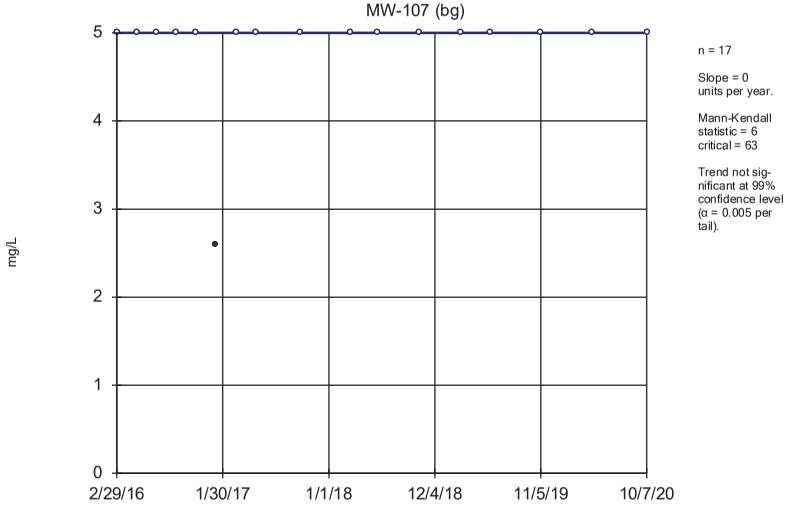
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = 0
units per year.

Mann-Kendall
statistic = 6
critical = 63

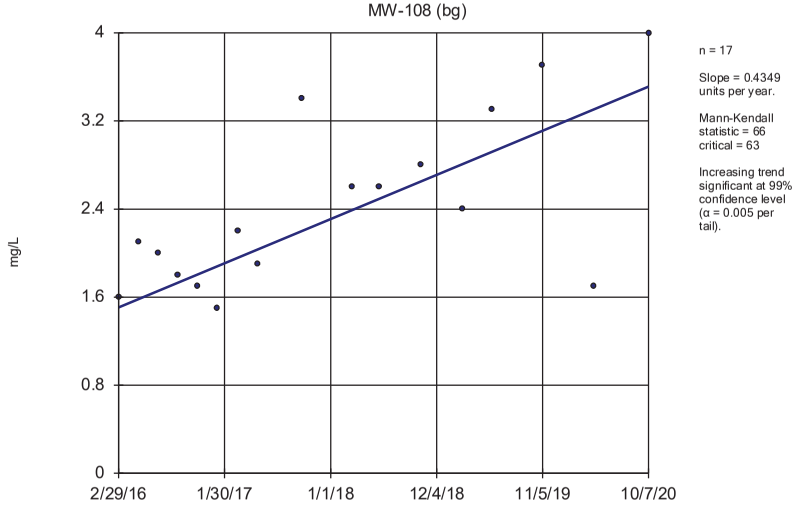
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.4349
units per year.

Mann-Kendall
statistic = 66
critical = 63

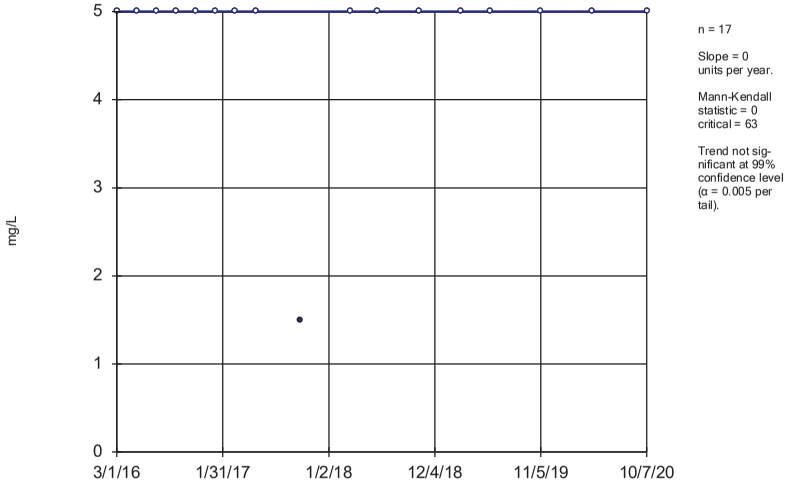
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 63

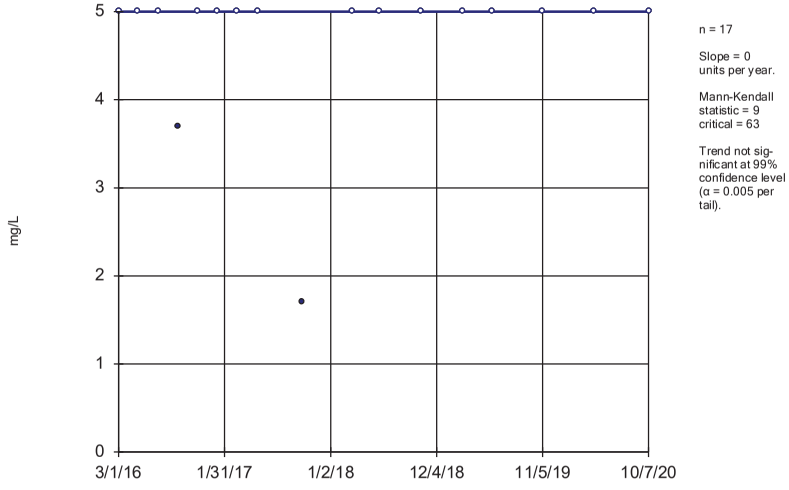
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0
units per year.

Mann-Kendall
statistic = 9
critical = 63

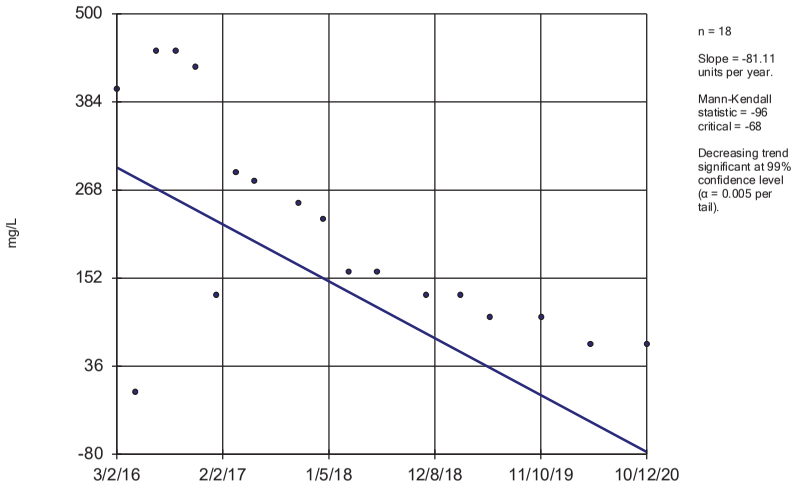
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



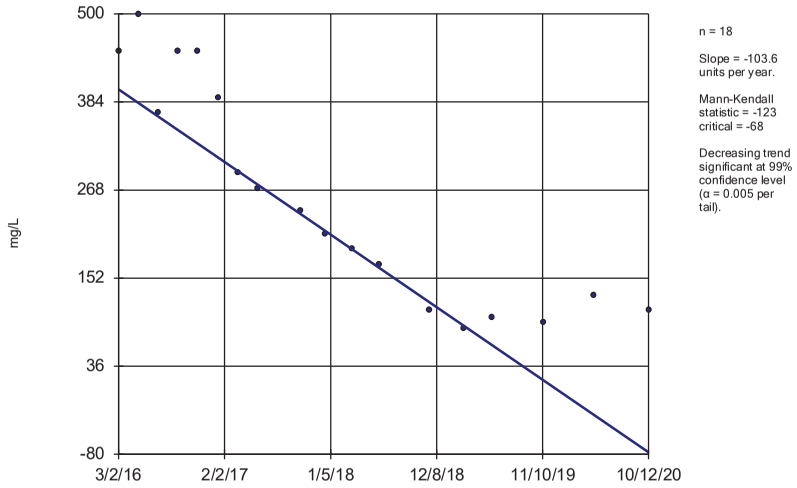
Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



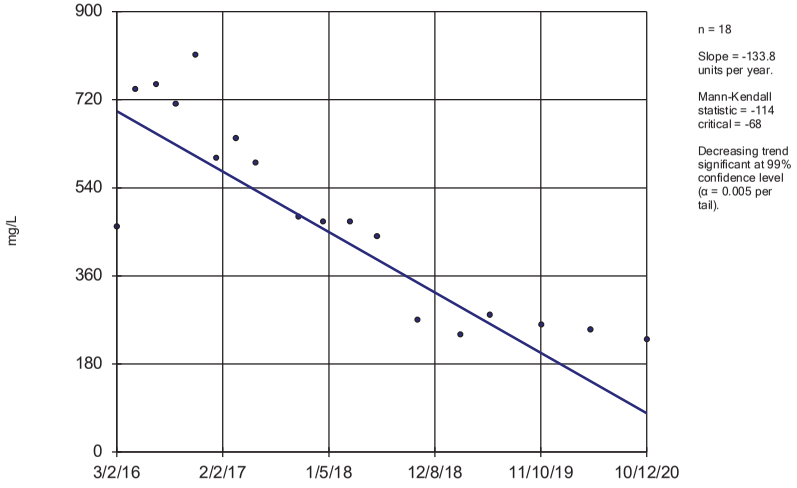
Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



Constituent: Sulfate Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

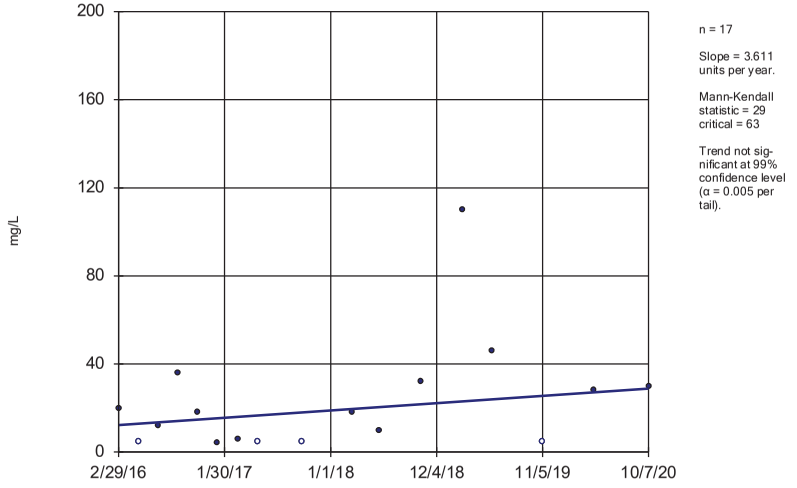
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



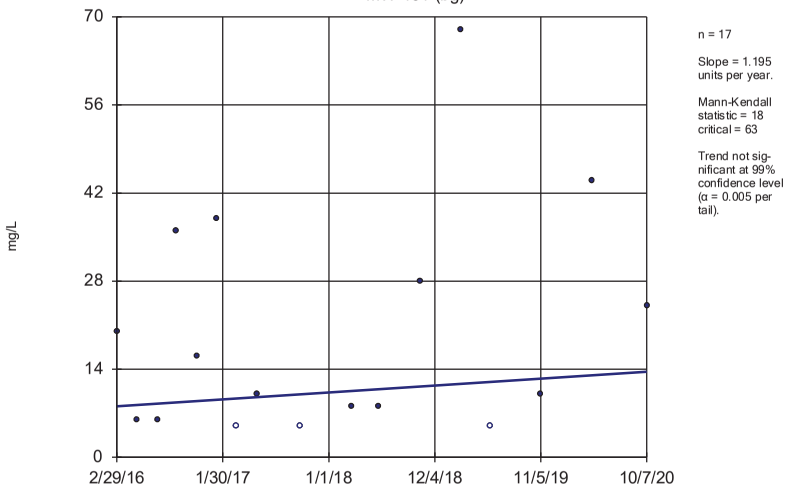
Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 1.195 units per year.

Mann-Kendall statistic = 18
critical = 63

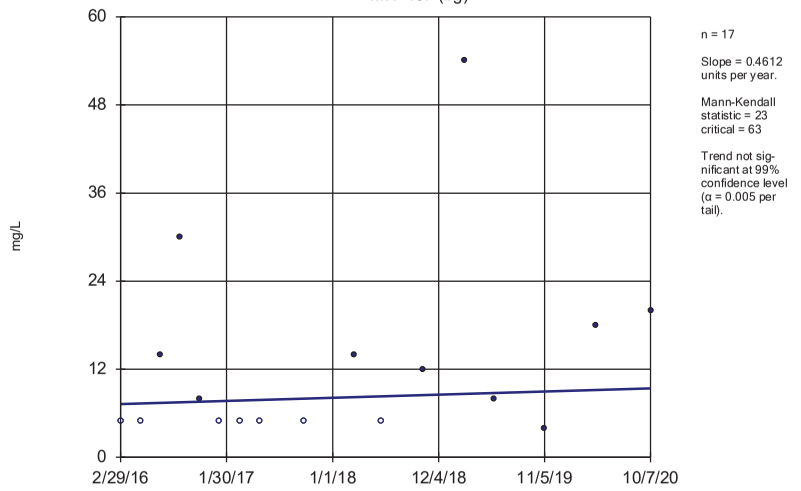
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = 0.4612 units per year.

Mann-Kendall statistic = 23
critical = 63

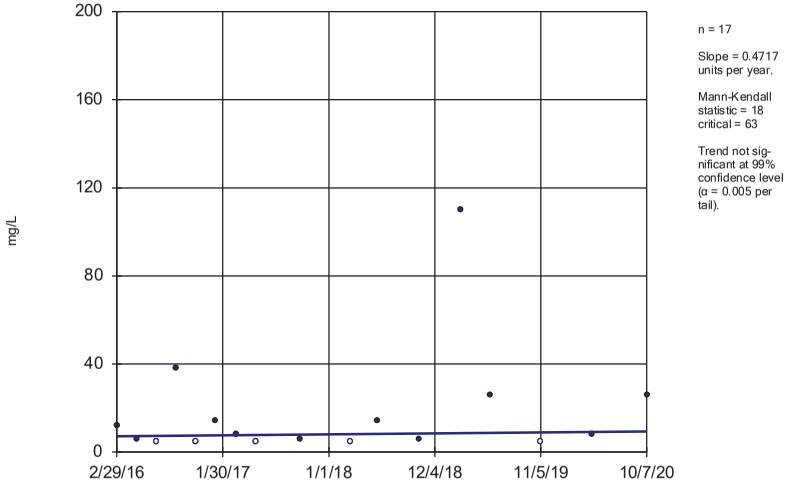
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.4717 units per year.

Mann-Kendall statistic = 18
critical = 63

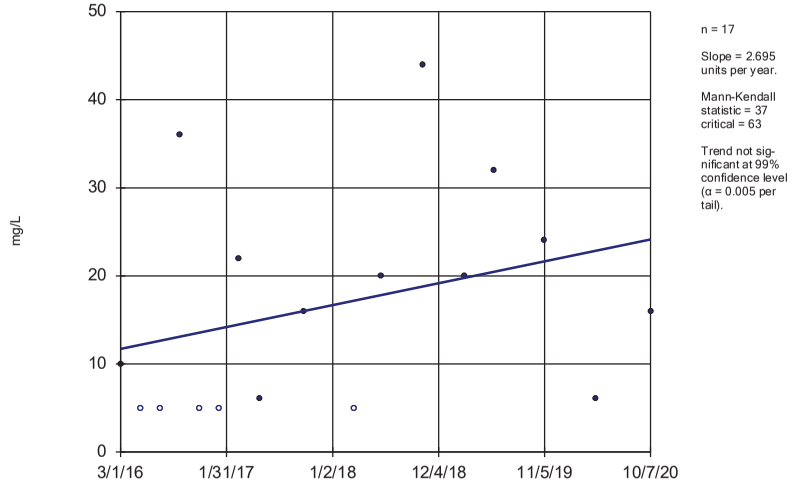
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 2.695 units per year.

Mann-Kendall statistic = 37
critical = 63

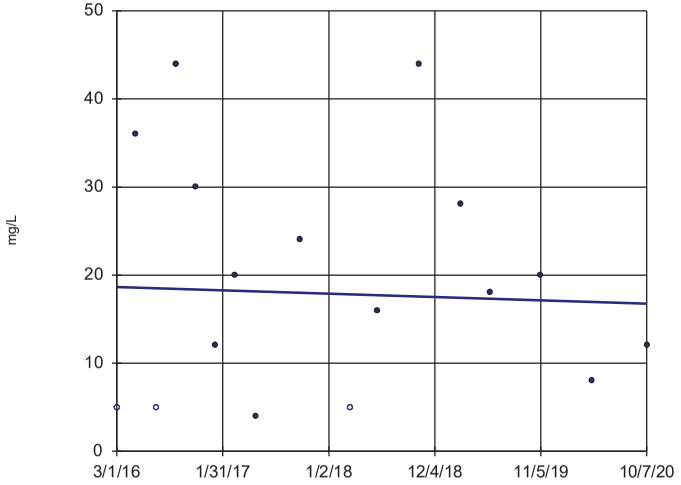
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.4148 units per year.

Mann-Kendall statistic = -6
critical = -63

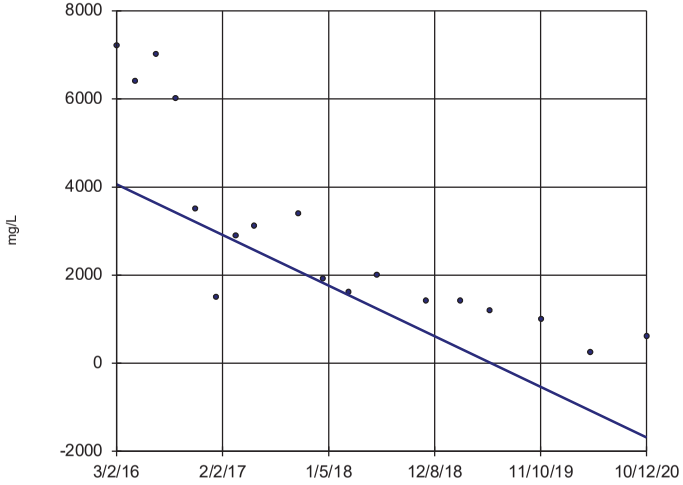
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 18

Slope = -1244 units per year.

Mann-Kendall statistic = -126
critical = -68

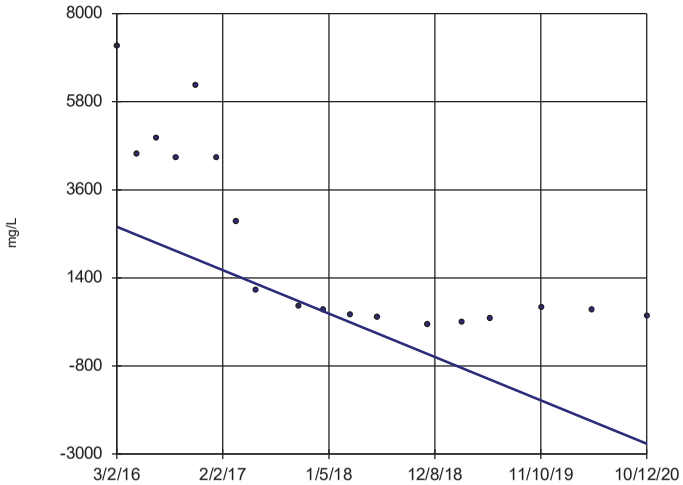
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 18

Slope = -1174 units per year.

Mann-Kendall statistic = -106
critical = -68

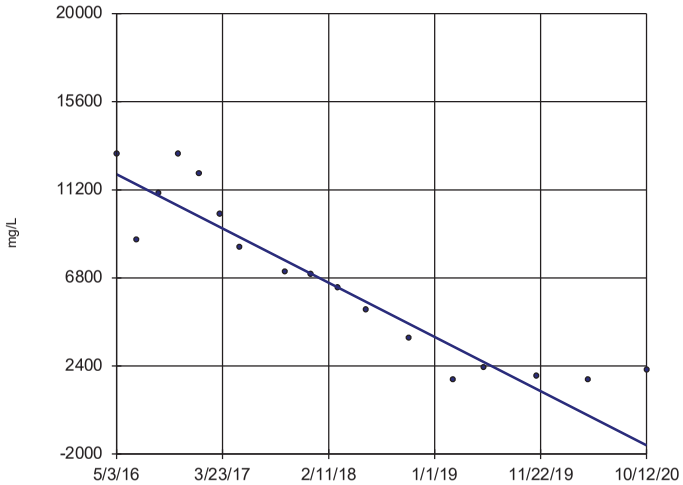
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 17

Slope = -3045 units per year.

Mann-Kendall statistic = -112
critical = -63

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:21 PM View: Trend Tests 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

300 Series

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:36 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-29.44**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

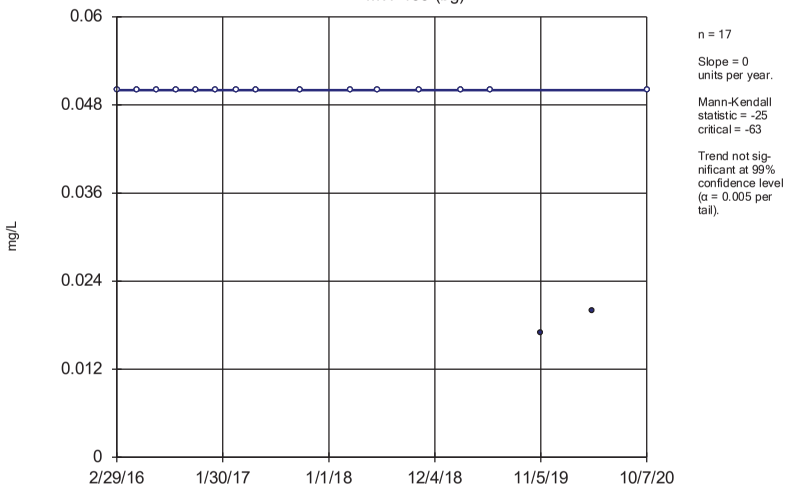
Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/7/2021, 5:36 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	-25	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-19	-63	No	17	82.35	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-25	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-27	-63	No	17	88.24	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.2033	21	68	No	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2906	42	68	No	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.5887	-47	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.03825	45	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01915	-34	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.03081	-42	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.05435	42	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0	-1	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1486**	**-93**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-303	4.701	43	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	-5.048	-32	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-308	-4.526	-53	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3582**	**68**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1902	51	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.05999	-20	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-60	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.2214	60	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1289	41	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0.04932	16	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	10.45	39	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-5.59	-14	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.1367	27	68	No	18	5.556	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	2.332	4	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02297	-20	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01946	-10	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.009346	-3	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.0066	4	58	No	16	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01128	-14	-63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1302**	**-81**	**-63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-304	0.111	51	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	5	58	No	16	93.75	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-11	-63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4349**	**66**	**63**	**Yes**	**17**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	0	63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	9	63	No	17	88.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-303	0	7	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-32.3	-32	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-29.44**	**-96**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	3.611	29	63	No	17	23.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.195	18	63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.4612	23	63	No	17	41.18	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.4717	18	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.695	37	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	-0.4148	-6	-63	No	17	17.65	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	26.5	20	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-68.03	-30	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-38.1	-57	-68	No	18	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -63

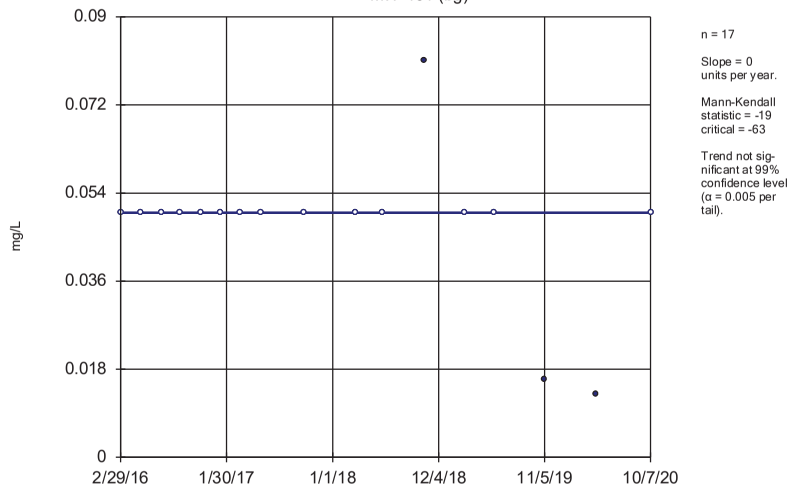
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -19
critical = -63

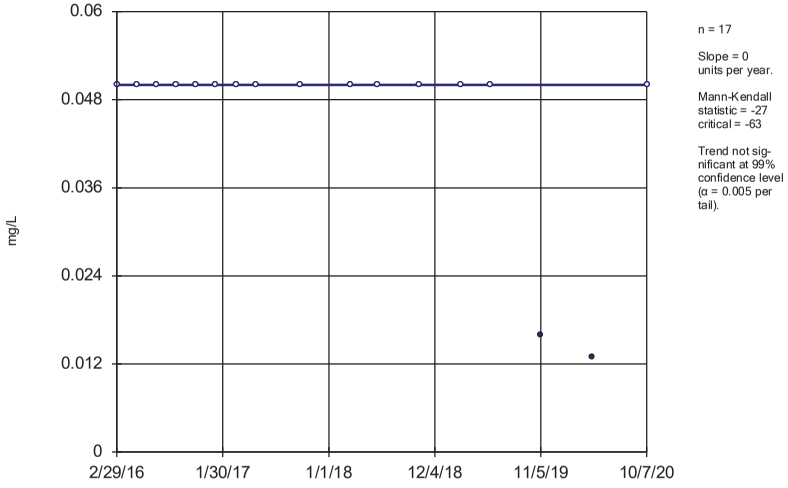
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

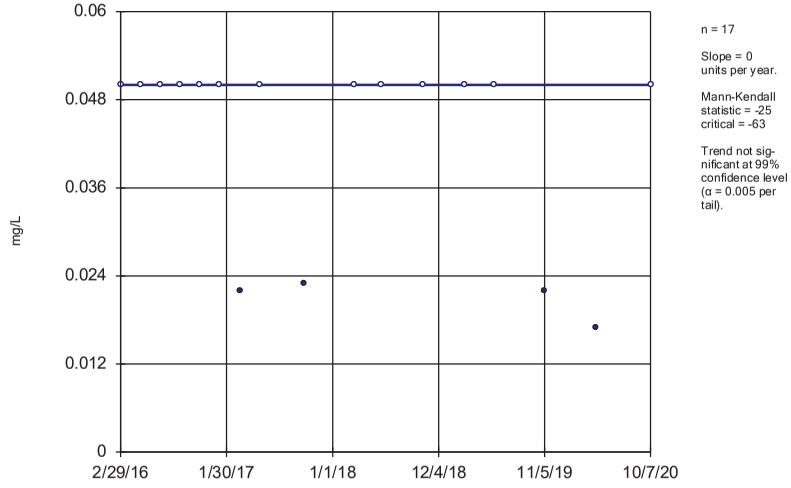
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -63

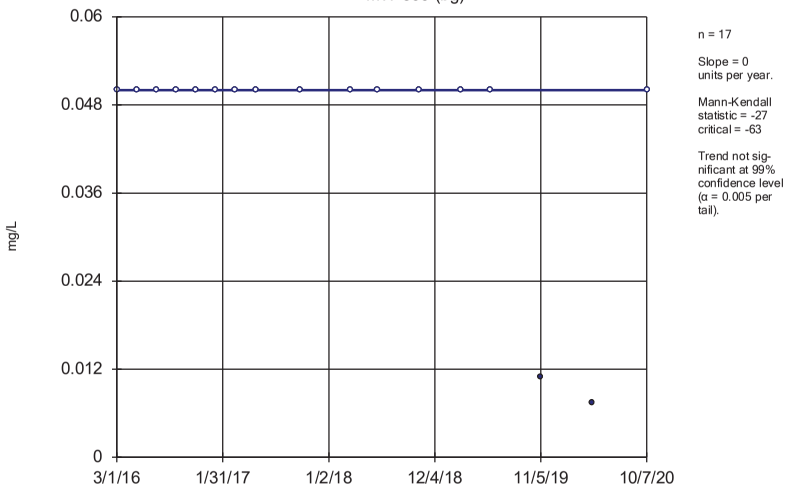
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

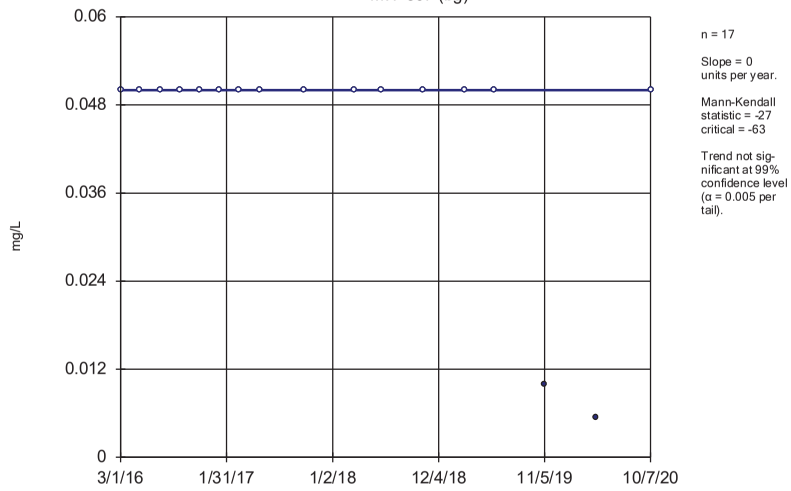
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -63

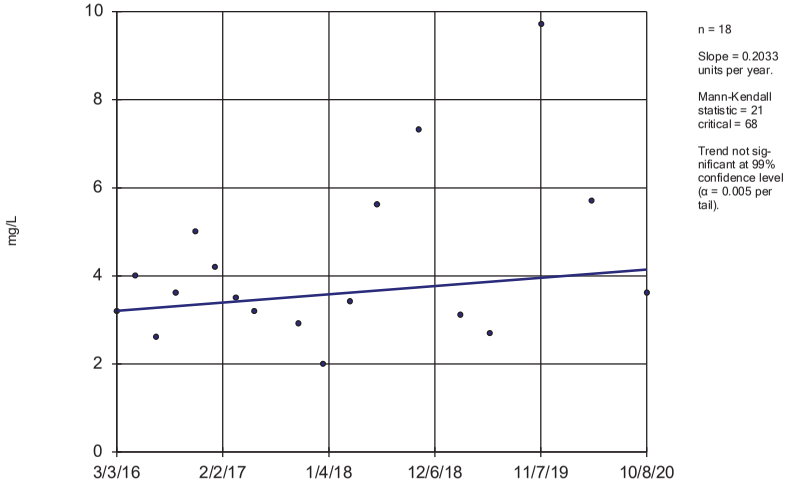
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 18

Slope = 0.2033 units per year.

Mann-Kendall statistic = 21
critical = 68

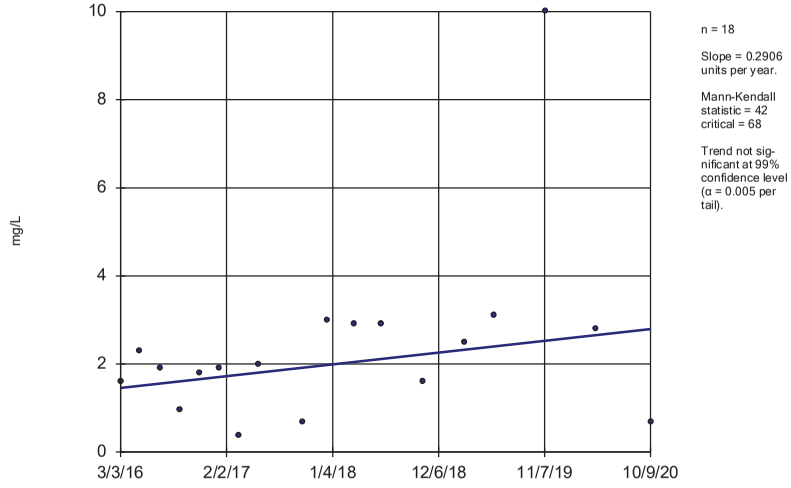
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 18

Slope = 0.2906 units per year.

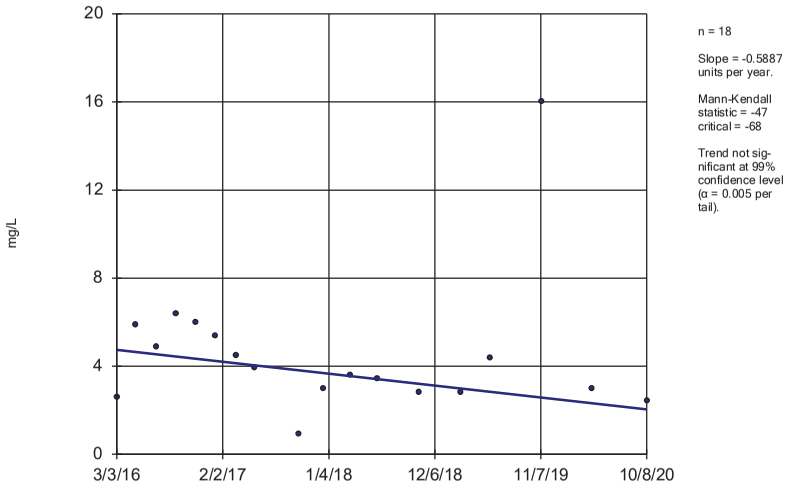
Mann-Kendall statistic = 42
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-308



n = 18

Slope = -0.5887 units per year.

Mann-Kendall statistic = -47
critical = -68

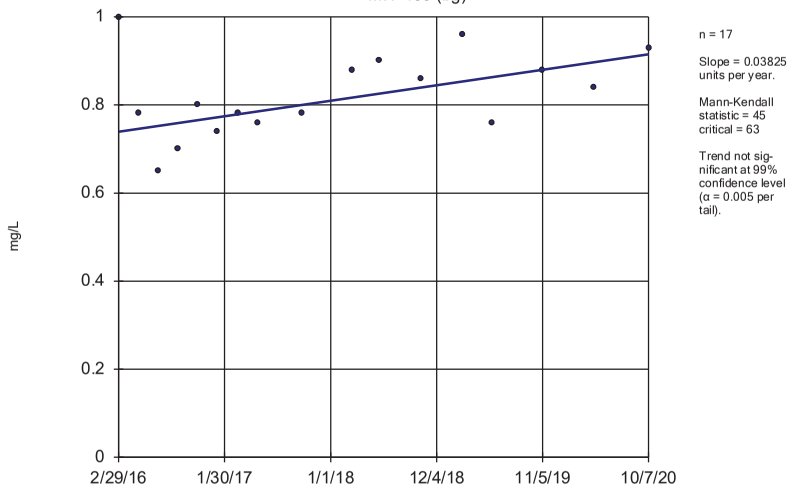
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0.03825 units per year.

Mann-Kendall statistic = 45
critical = 63

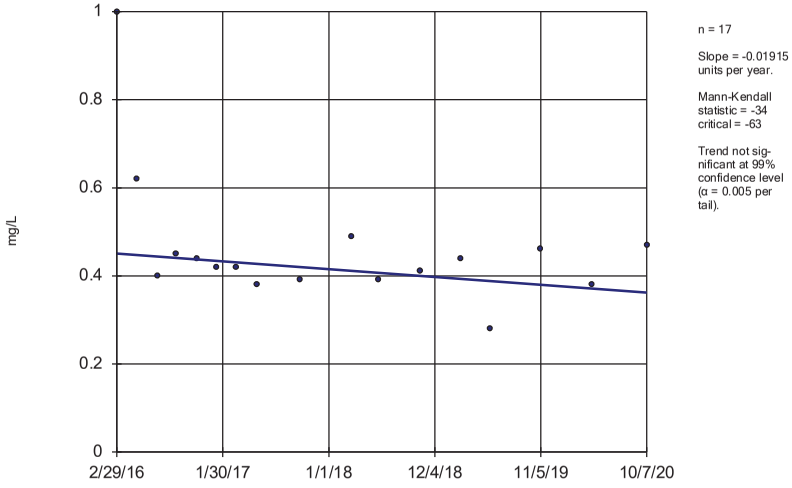
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = -0.01915 units per year.

Mann-Kendall statistic = -34
critical = -63

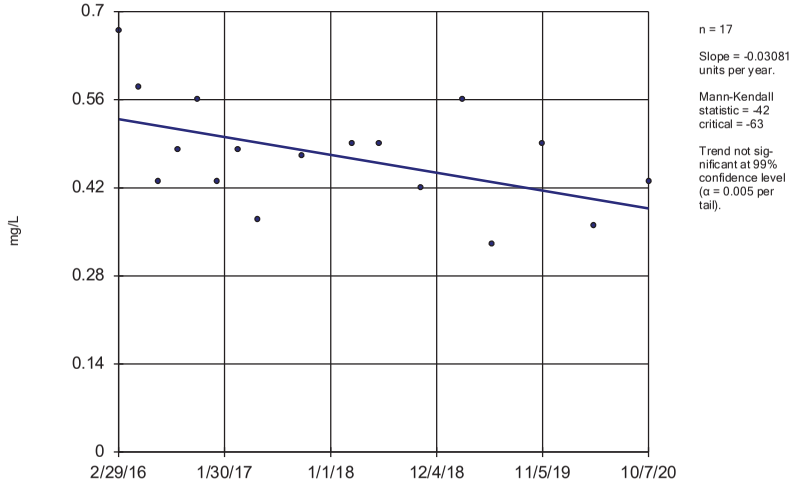
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.03081 units per year.

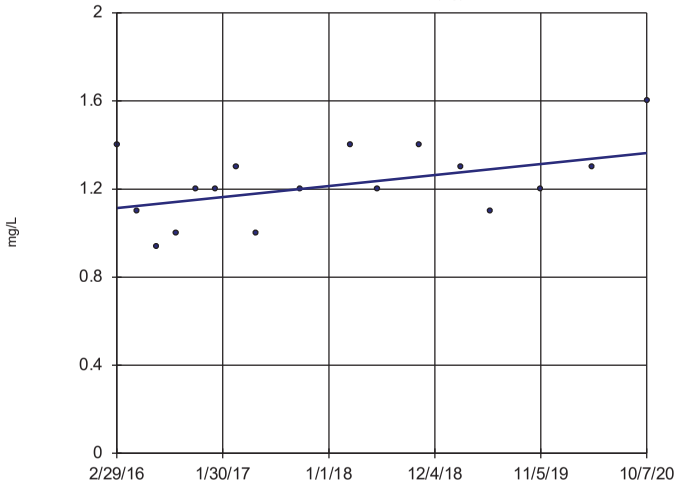
Mann-Kendall statistic = -42
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.05435 units per year.

Mann-Kendall statistic = 42
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

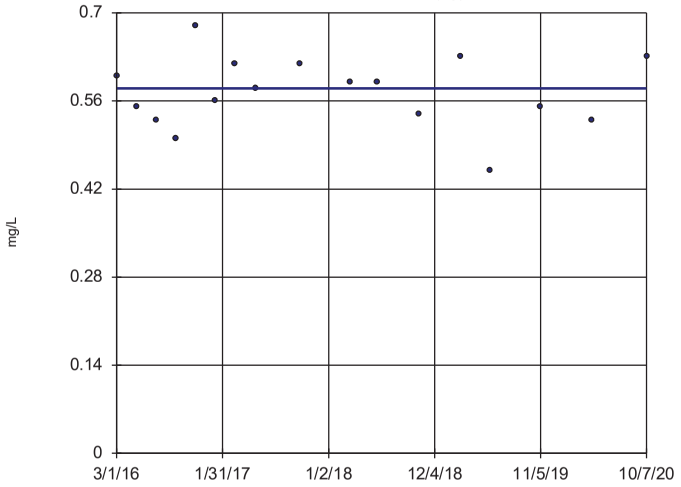
Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

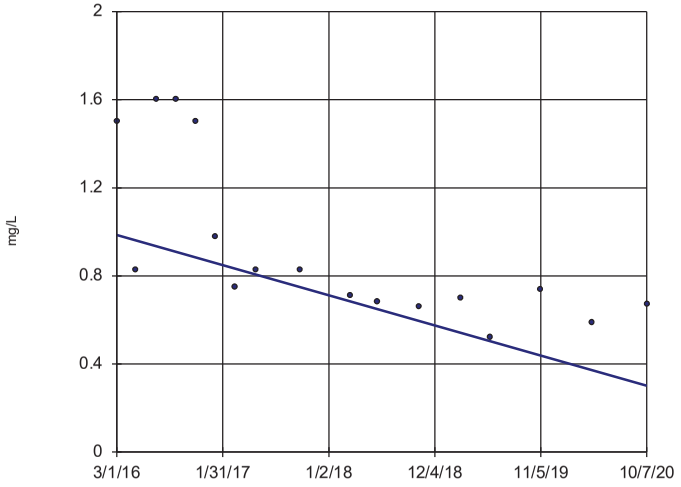
Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.1486 units per year.

Mann-Kendall statistic = -93
critical = -63

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

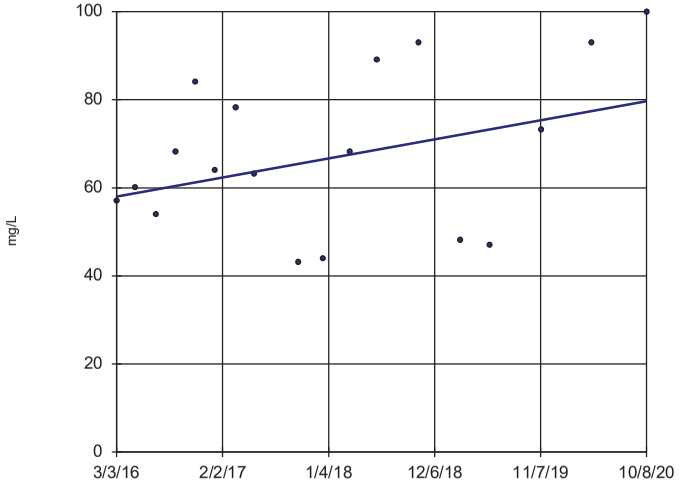
Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 18

Slope = 4.701 units per year.

Mann-Kendall statistic = 43
critical = 68

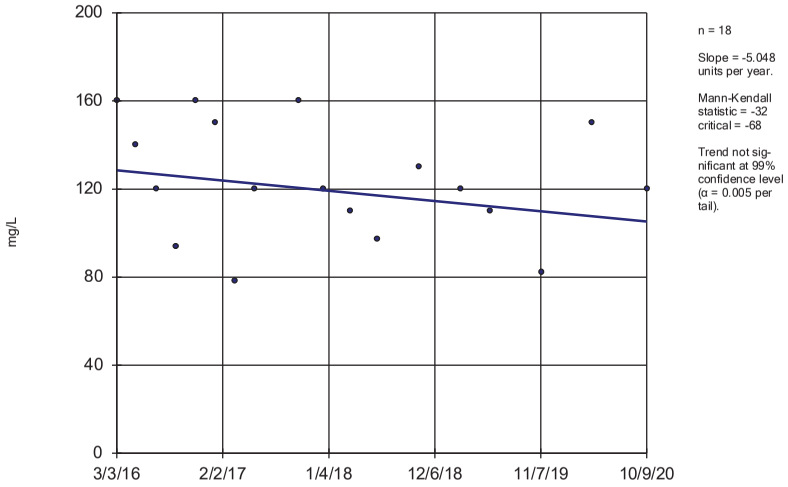
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-304



n = 18

Slope = -5.048 units per year.

Mann-Kendall statistic = -32
critical = -68

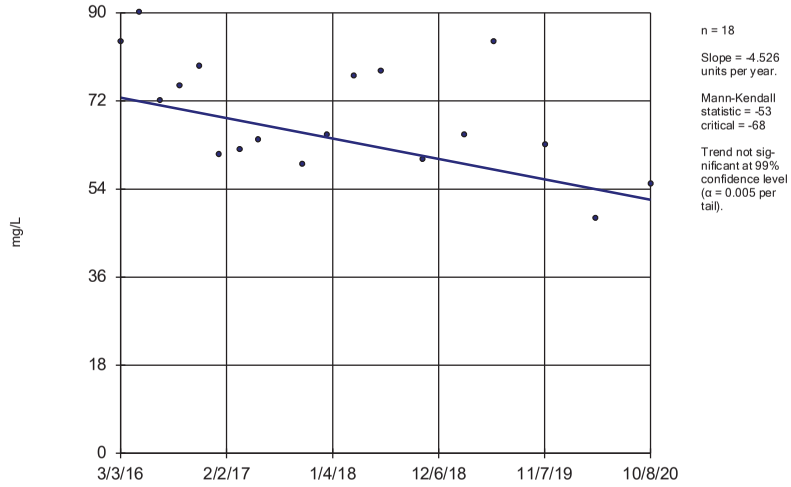
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



n = 18

Slope = -4.526 units per year.

Mann-Kendall statistic = -53
critical = -68

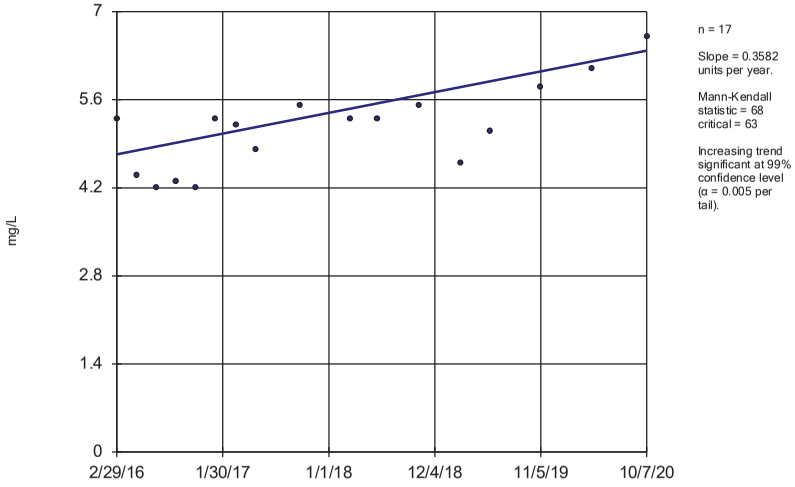
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0.3582 units per year.

Mann-Kendall statistic = 68
critical = 63

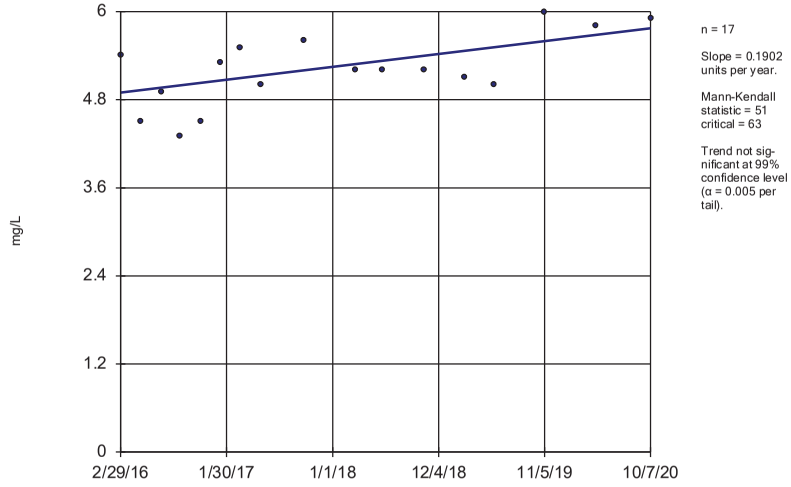
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0.1902 units per year.

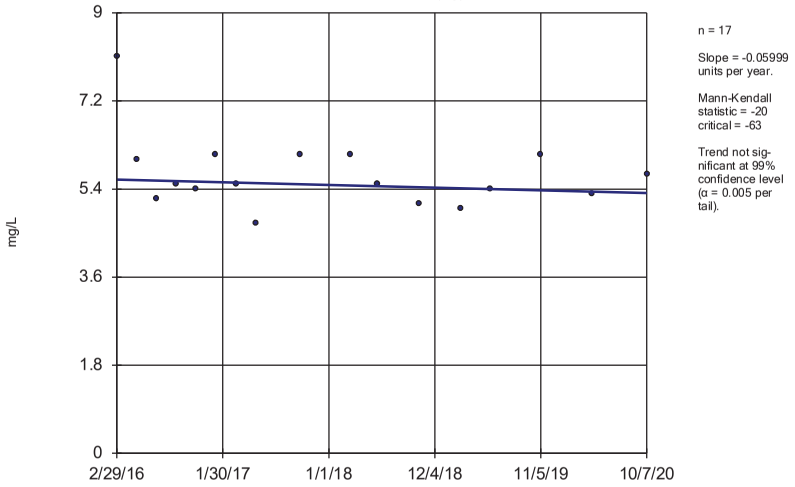
Mann-Kendall statistic = 51
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.05999 units per year.

Mann-Kendall statistic = -20
critical = -63

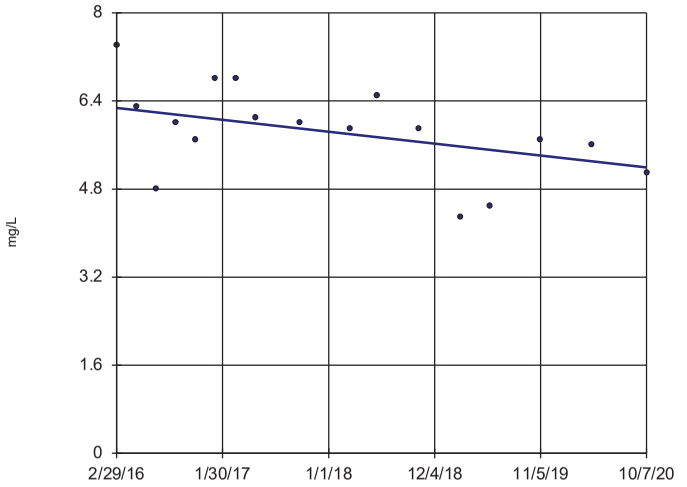
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = -0.2346 units per year.

Mann-Kendall statistic = -60
critical = -63

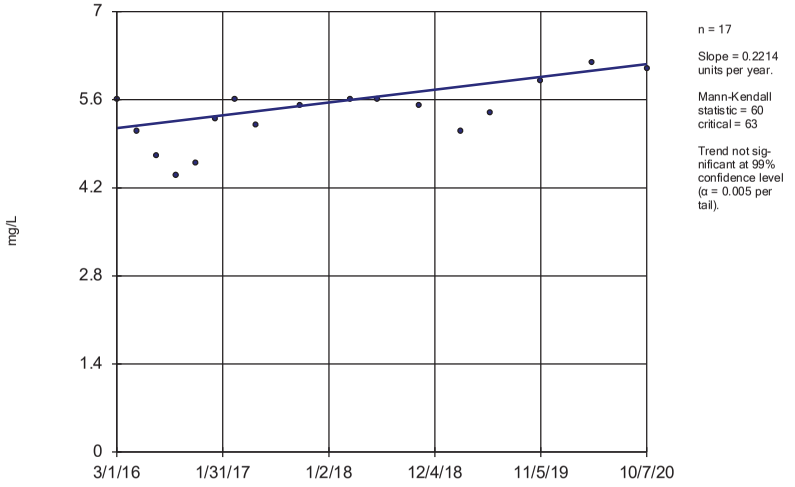
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0.2214 units per year.

Mann-Kendall statistic = 60
critical = 63

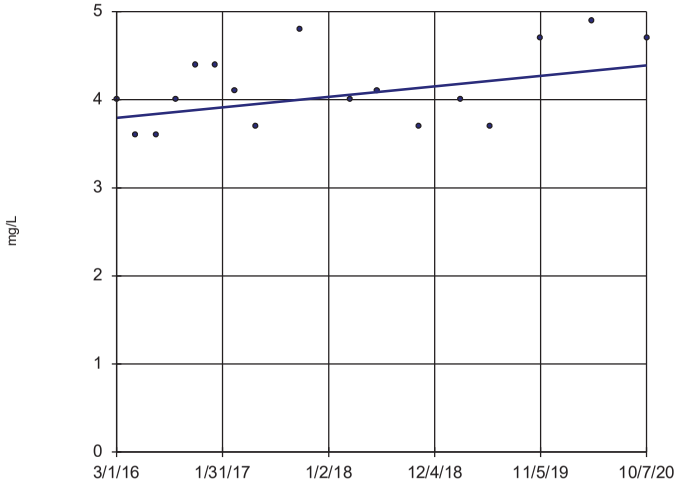
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0.1289 units per year.

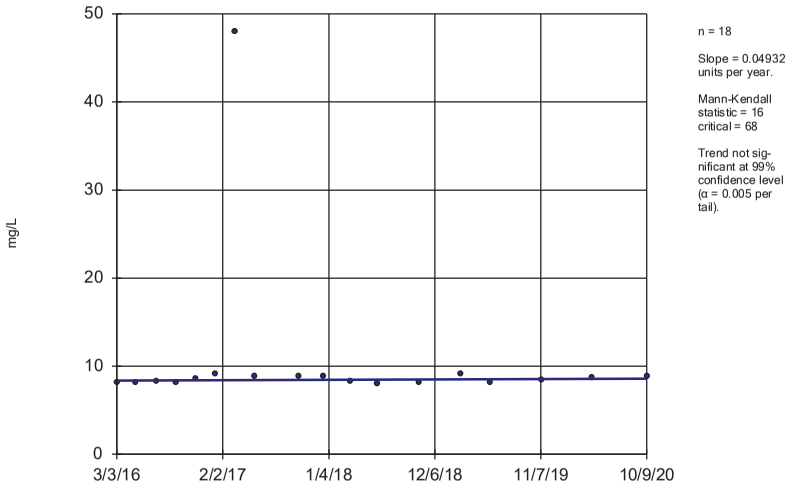
Mann-Kendall statistic = 41
critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-300



n = 18

Slope = 0.04932 units per year.

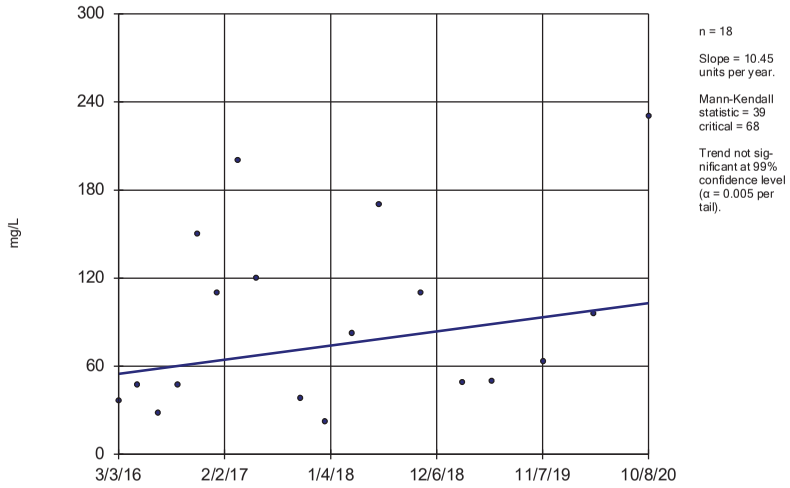
Mann-Kendall statistic = 16
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-303



n = 18

Slope = 10.45 units per year.

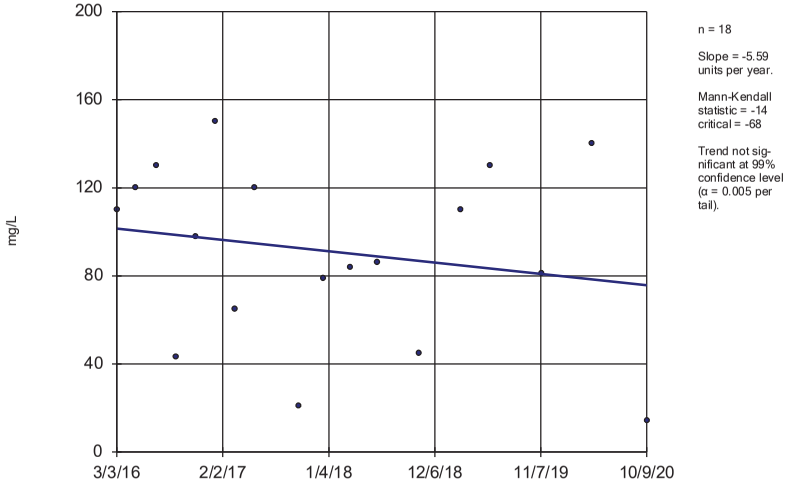
Mann-Kendall statistic = 39
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-304



n = 18

Slope = -5.59 units per year.

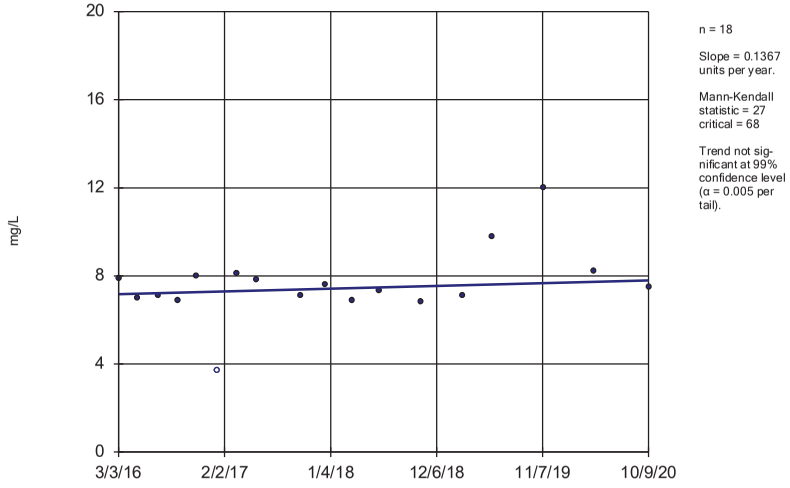
Mann-Kendall statistic = -14
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-305



n = 18

Slope = 0.1367 units per year.

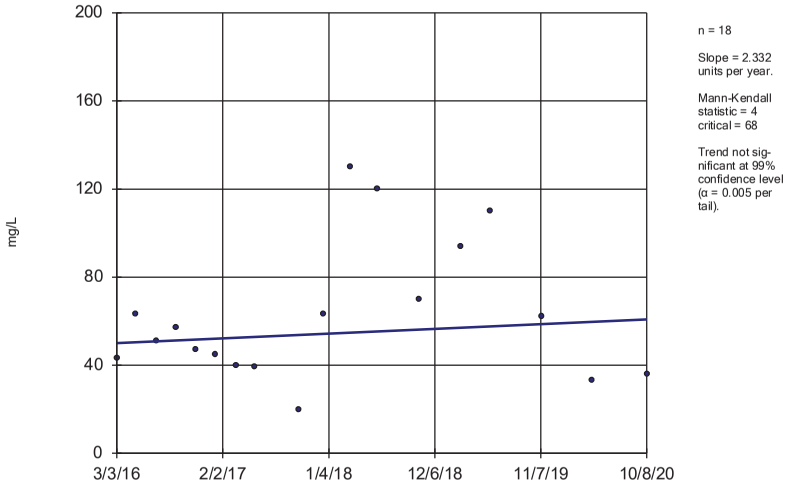
Mann-Kendall statistic = 27
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-308



n = 18

Slope = 2.332 units per year.

Mann-Kendall statistic = 4
critical = 68

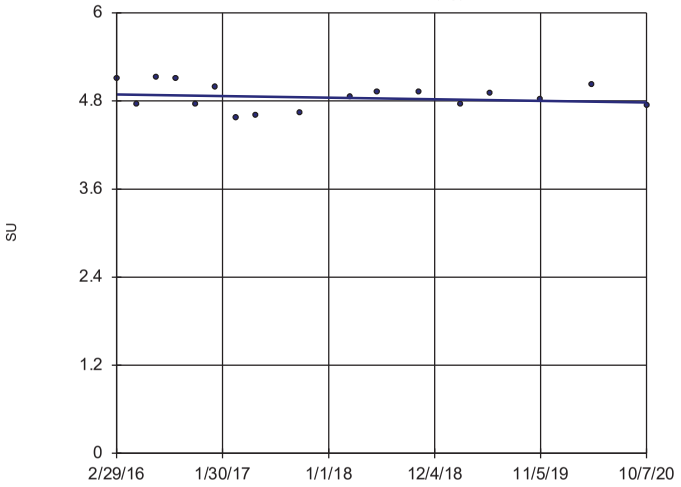
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = -0.02297 units per year.

Mann-Kendall statistic = -20
critical = -63

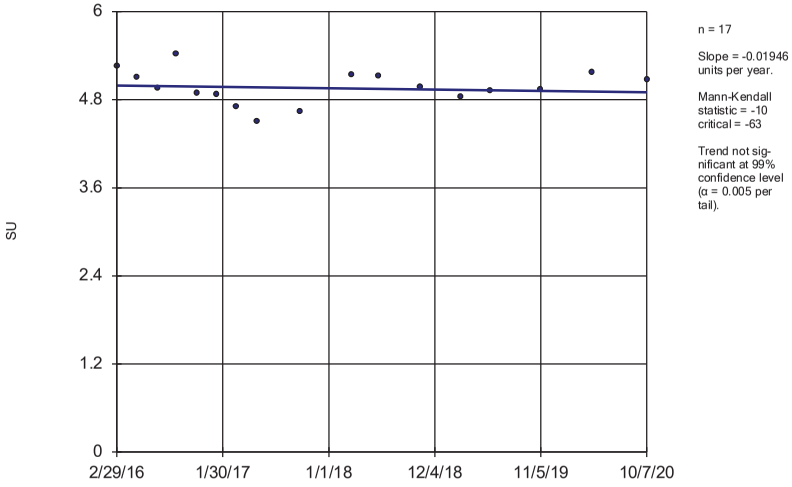
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = -0.01946 units per year.

Mann-Kendall statistic = -10
critical = -63

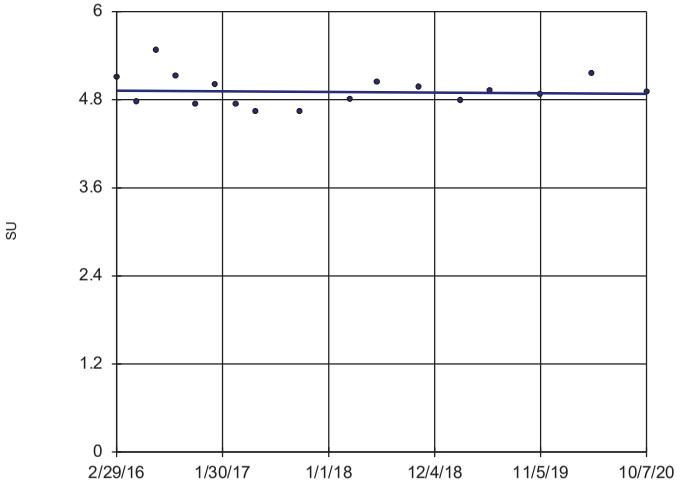
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = -0.009346 units per year.

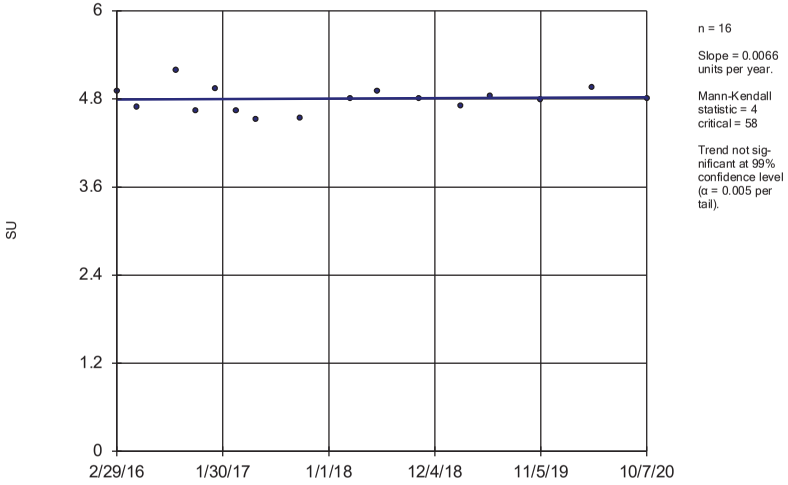
Mann-Kendall statistic = -3
critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 16

Slope = 0.0066 units per year.

Mann-Kendall statistic = 4
critical = 58

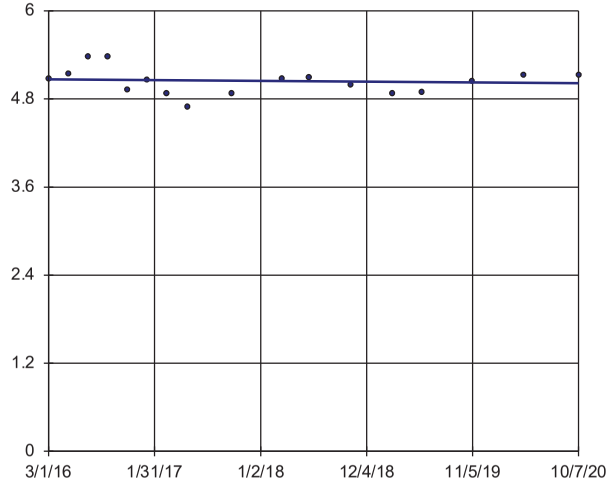
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = -0.01128 units per year.

Mann-Kendall statistic = -14
critical = -63

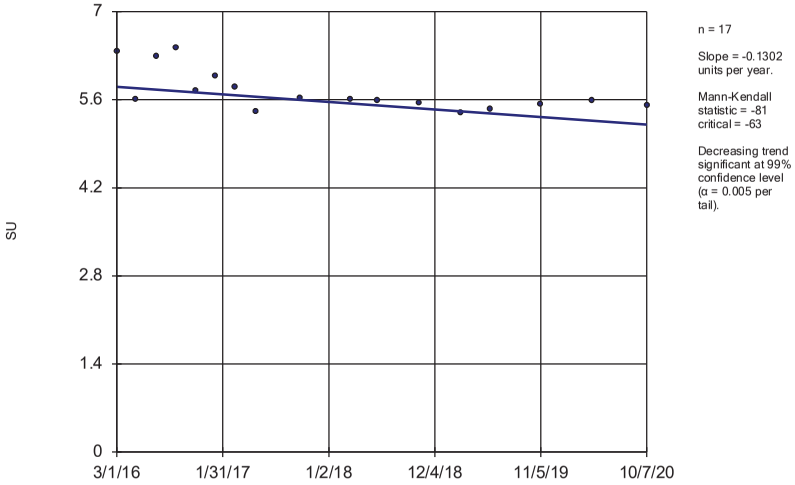
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.1302 units per year.

Mann-Kendall statistic = -81
critical = -63

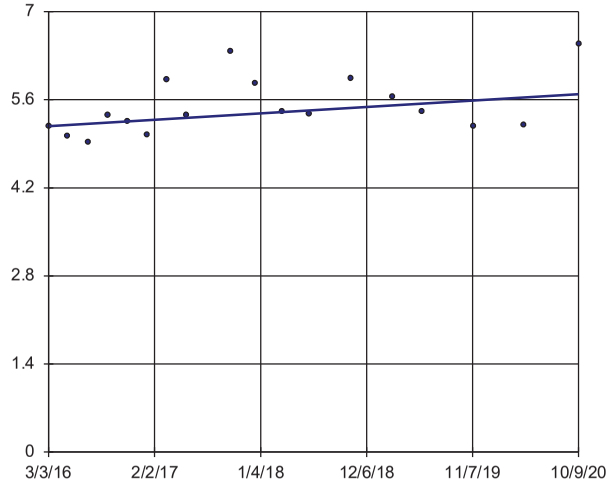
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 18

Slope = 0.111 units per year.

Mann-Kendall statistic = 51
critical = 68

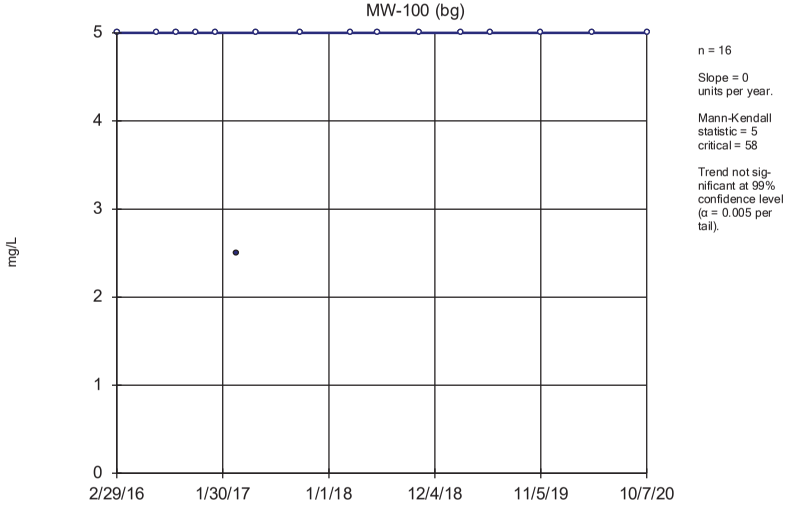
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = 5
critical = 58

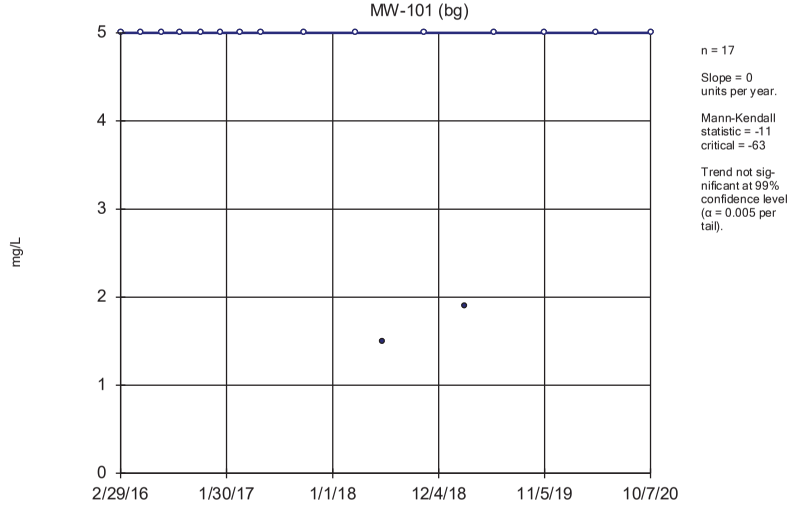
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -11
critical = -63

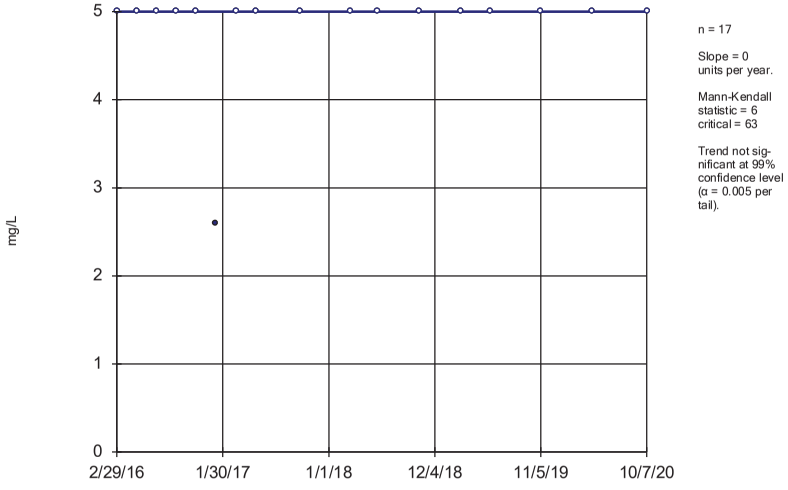
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 6
critical = 63

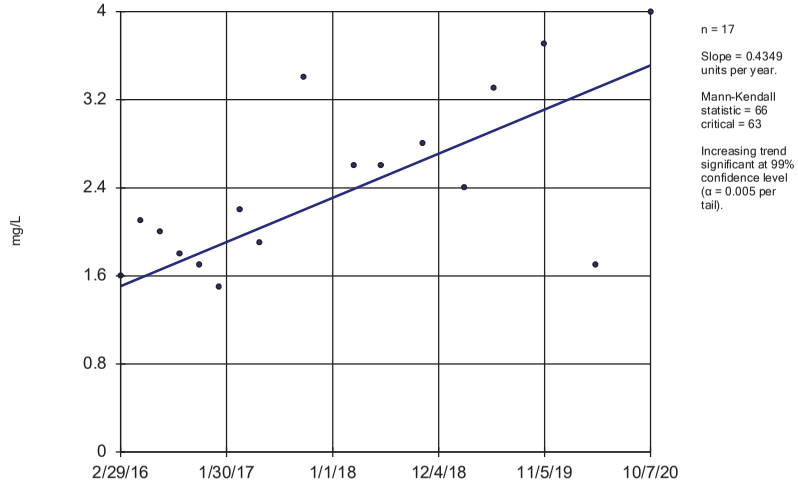
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.4349 units per year.

Mann-Kendall statistic = 66
critical = 63

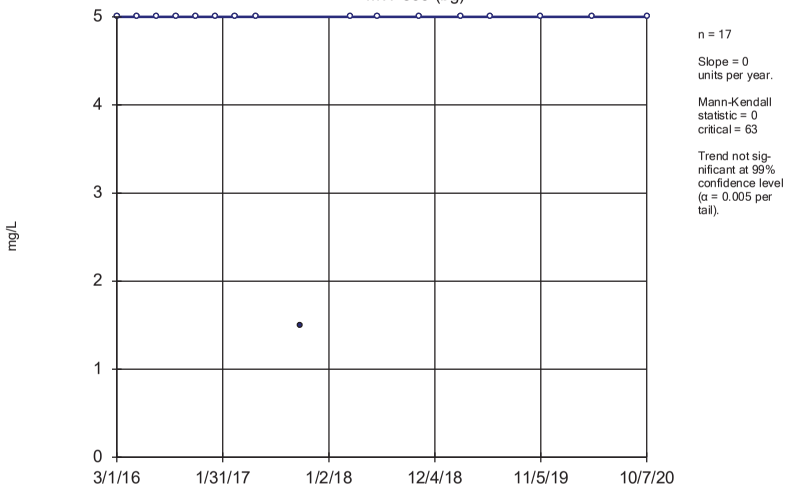
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 63

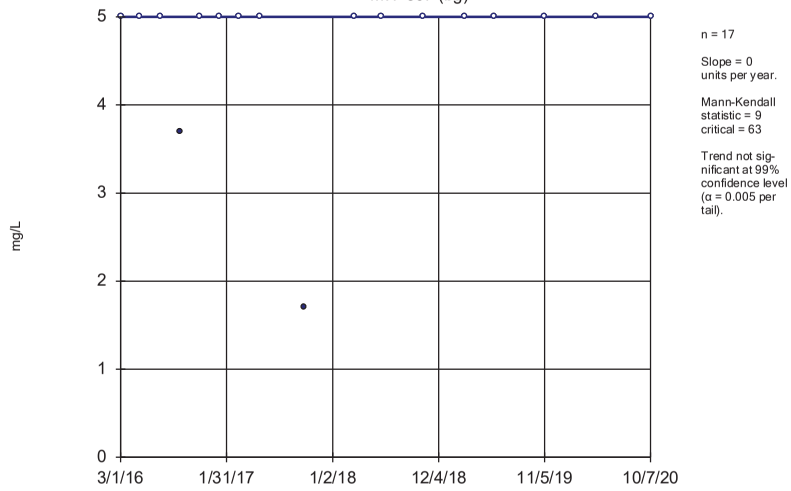
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 63

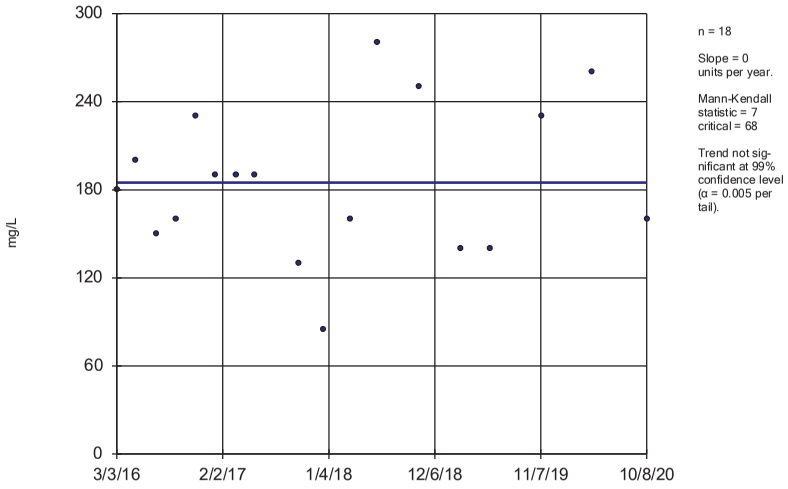
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 7
critical = 68

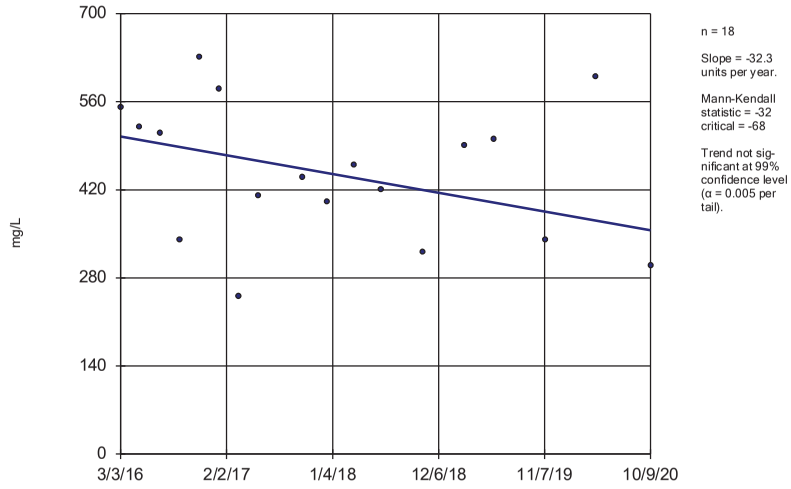
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 18

Slope = -32.3 units per year.

Mann-Kendall statistic = -32
critical = -68

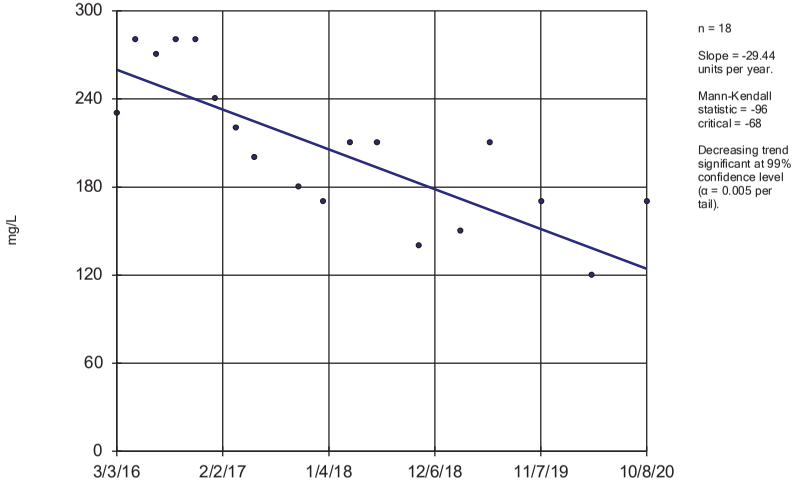
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



Constituent: Sulfate Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

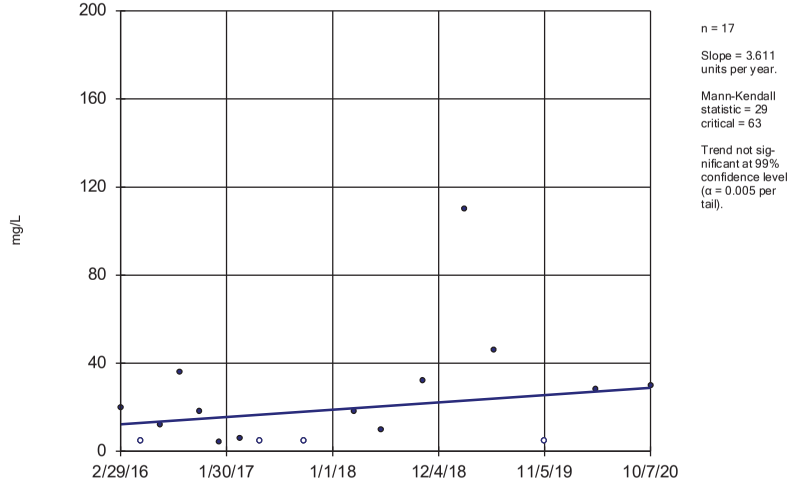
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

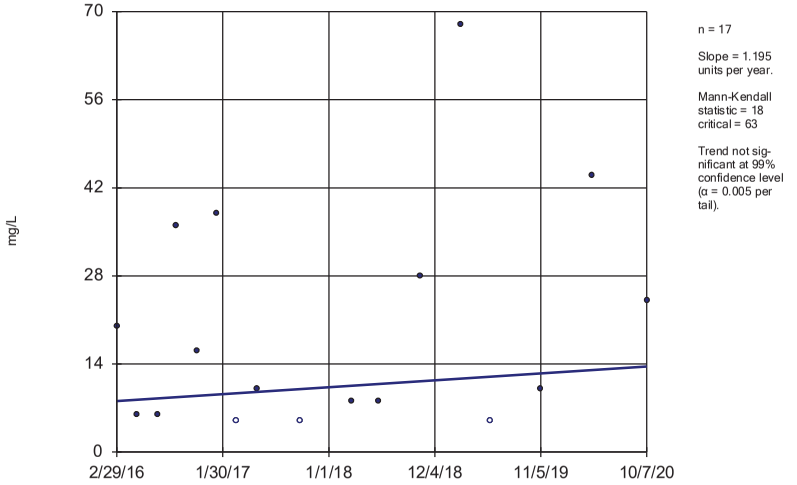
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

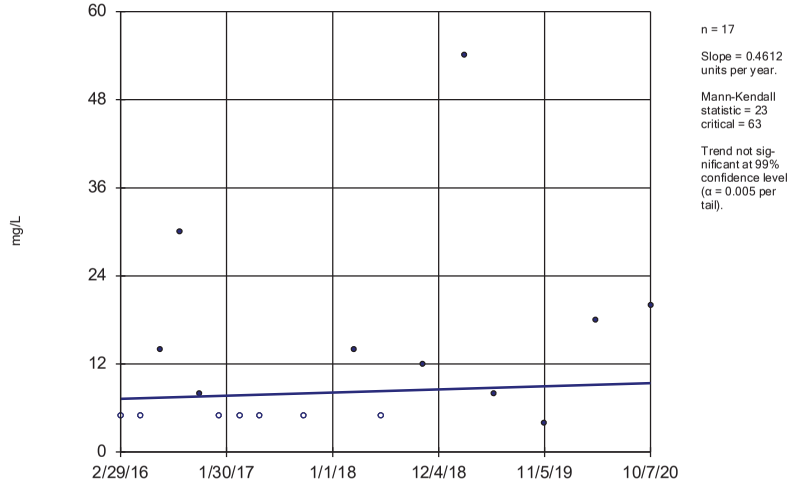
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



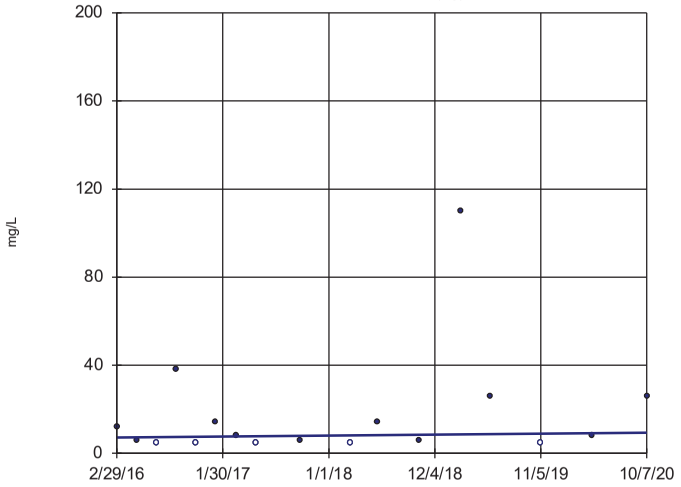
Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.4717 units per year.

Mann-Kendall statistic = 18
critical = 63

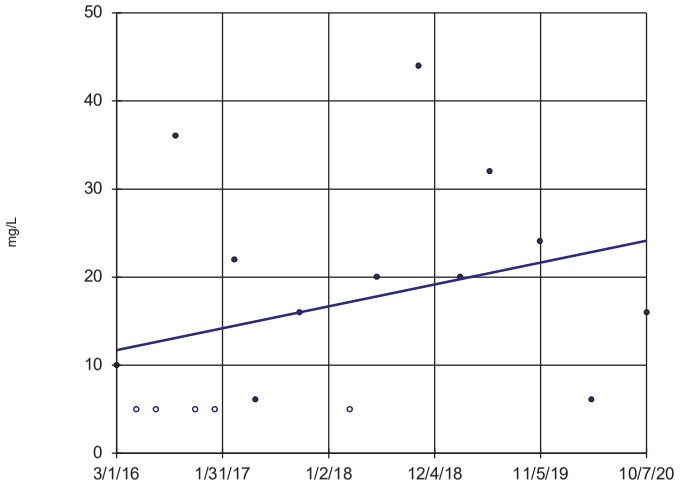
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 17

Slope = 2.695 units per year.

Mann-Kendall statistic = 37
critical = 63

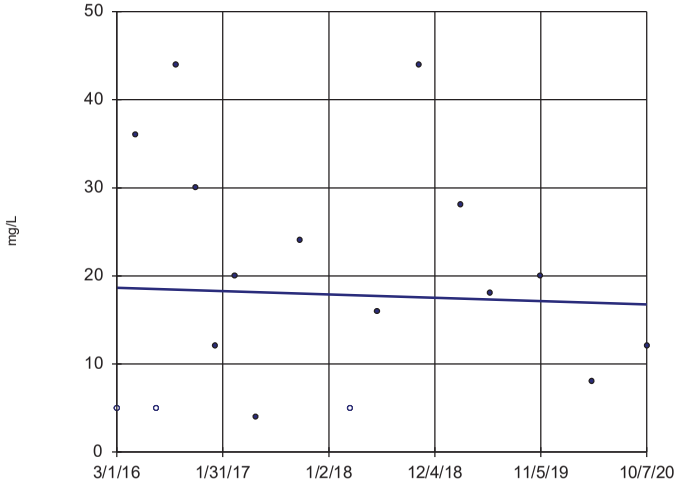
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 17

Slope = -0.4148 units per year.

Mann-Kendall statistic = -6
critical = -63

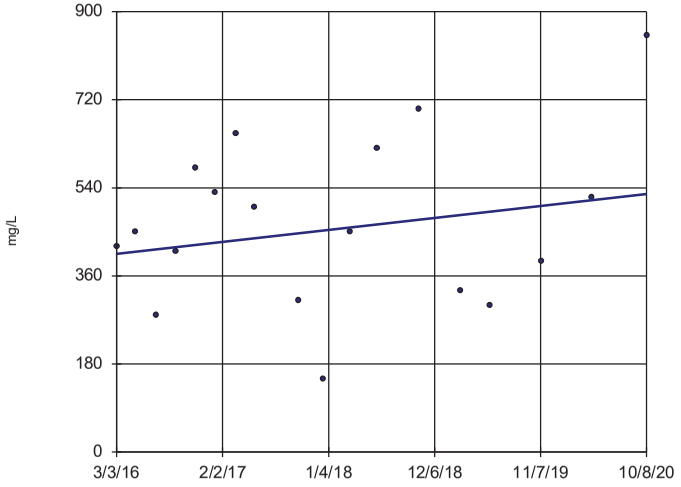
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 18

Slope = 26.5 units per year.

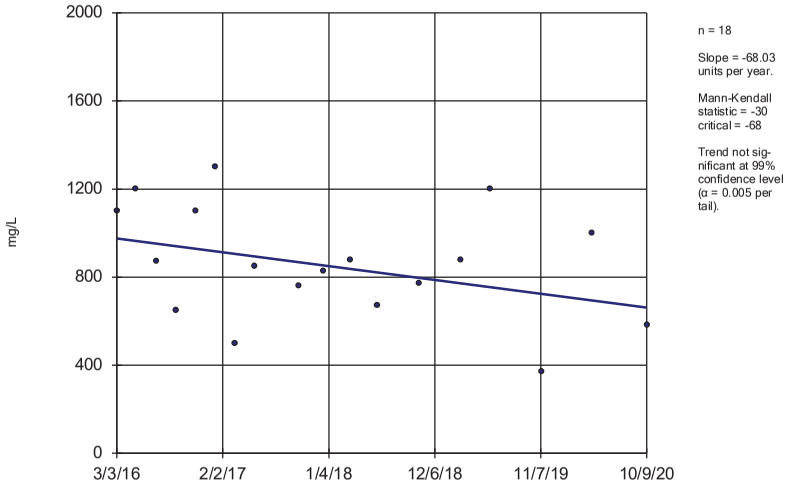
Mann-Kendall statistic = 20
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-304



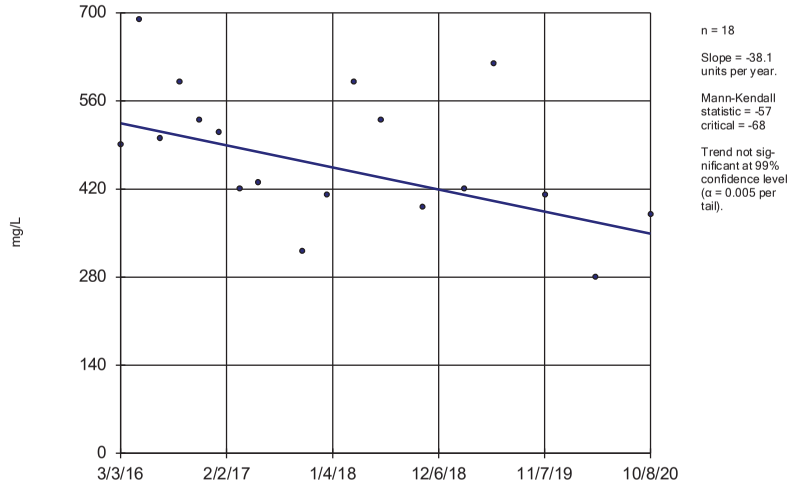
Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:34 PM View: Trend Tests - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:35 PM View: Trend Tests - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Confidence Intervals - 100, 200 & 300 Series

100 Series

Confidence Interval Summary Table - 100 Series - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02119**	**0.01418**	**0.006**	**Yes**	**16**	**0.01769**	**0.005388**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.25**	**12.73**	**5**	**Yes**	**16**	**15.49**	**4.237**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.31**	**5.53**	**5**	**Yes**	**16**	**6.42**	**1.368**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006042**	**0.003613**	**0.002**	**Yes**	**16**	**0.004828**	**0.001867**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-102	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-103	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-104	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-105	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-106	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-109	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-110	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-102	0.0013	0.0005	0.01	No	16	0.00125	0.0002	93.75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.0021	0.00051	0.01	No	16	0.001231	0.0004017	81.25	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.007459	0.002914	0.01	No	16	0.005187	0.003493	6.25	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.00442	0.003655	0.01	No	16	0.004038	0.0005875	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-106	0.0013	0.0013	0.01	No	16	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-109	0.0013	0.00025	0.01	No	16	0.001234	0.0002625	93.75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.0013	0.00047	0.01	No	16	0.0009169	0.0004641	56.25	None	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.012	0.0085	2	No	16	0.009963	0.001485	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.06114	0.04534	2	No	16	0.05194	0.01459	0	None	x^2	0.01	Param.
Barium (mg/L)	MW-104	0.02554	0.01996	2	No	16	0.02275	0.004282	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04818	0.03695	2	No	16	0.04256	0.008633	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0096	2	No	16	0.01094	0.002031	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02193	0.01807	2	No	16	0.02	0.002966	0	None	No	0.01	Param.
Barium (mg/L)	MW-110	0.04674	0.03513	2	No	16	0.04094	0.008925	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0025	0.00011	0.004	No	16	0.002351	0.0005975	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-103	0.0025	0.0025	0.004	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.0012	0.000776	0.004	No	16	0.0009881	0.0003261	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-105	0.0025	0.0025	0.004	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-106	0.0025	0.0025	0.004	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-109	0.0025	0.000044	0.004	No	16	0.002346	0.000614	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0025	0.00013	0.004	No	16	0.002201	0.0008174	87.5	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-102	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-103	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.0025	0.00044	0.005	No	16	0.001502	0.001034	50	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-105	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-106	0.0025	0.0025	0.005	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-109	0.0025	0.000078	0.005	No	16	0.002349	0.0006055	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0025	0.00032	0.005	No	16	0.002214	0.0007814	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	16	0.002386	0.0005427	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0052	0.0011	0.1	No	16	0.002302	0.001113	75	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-104	0.002554	0.001806	0.1	No	16	0.002112	0.0004911	18.75	Cohen`s	No	0.01	Param.
Chromium (mg/L)	MW-105	0.0028	0.002	0.1	No	16	0.002406	0.0003415	6.25	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-106	0.0025	0.0019	0.1	No	16	0.002462	0.00015	93.75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0025	0.0025	0.1	No	16	0.0025	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0025	0.0016	0.1	No	16	0.002182	0.0007273	81.25	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00023	0.006	No	16	0.002212	0.0007874	87.5	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00041	0.006	No	16	0.001741	0.001028	62.5	None	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02119**	**0.01418**	**0.006**	**Yes**	**16**	**0.01769**	**0.005388**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	16	0.002265	0.0006486	87.5	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.0004	0.006	No	16	0.001039	0.0008846	25	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.00634	0.003691	0.006	No	16	0.005016	0.002036	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-110	0.019	0.0047	0.006	No	16	0.009956	0.006677	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-102	1.822	1.186	5	No	16	1.534	0.5428	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.971	4.897	5	No	16	5.934	1.594	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.25**	**12.73**	**5**	**Yes**	**16**	**15.49**	**4.237**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.304	2.635	5	No	16	3.531	1.35	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.276	0.7164	5	No	16	1.02	0.4806	6.25	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.581	1.554	5	No	16	2.068	0.7896	0	None	No	0.01	Param.

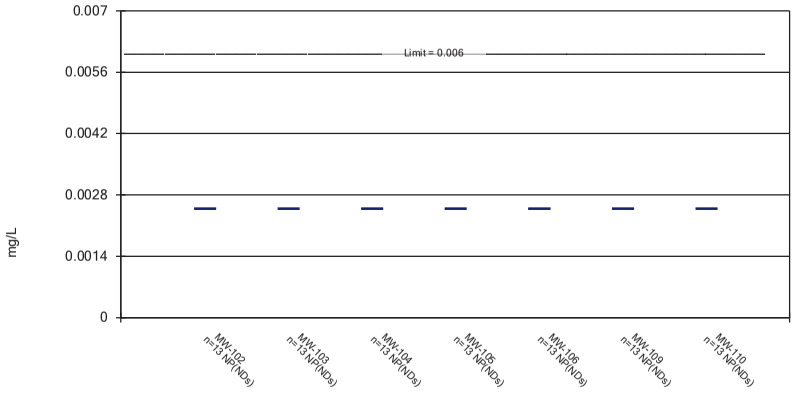
Confidence Interval Summary Table - 100 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.31**	**5.53**	**5**	**Yes**	**16**	**6.42**	**1.368**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-102	0.1	0.1	4	No	17	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-103	0.24	0.037	4	No	17	0.1045	0.0381	88.24	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3547	0.2431	4	No	18	0.2989	0.09222	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.04	4	No	17	0.08241	0.02809	70.59	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-106	0.1	0.1	4	No	17	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.1	4	No	17	0.1	0	100	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	17	0.07876	0.02964	64.71	None	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.0013	0.00018	0.015	No	16	0.001158	0.0003895	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.0013	0.00011	0.015	No	16	0.001226	0.0002975	93.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.0024	0.001825	0.015	No	16	0.002113	0.0004425	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.0013	0.00091	0.015	No	16	0.001202	0.0003045	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.0013	0.00039	0.015	No	16	0.001243	0.0002275	93.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.0013	0.00067	0.015	No	16	0.001105	0.0004216	75	None	No	0.01	NP (normality)
Lead (mg/L)	MW-110	0.0013	0.00033	0.015	No	16	0.001056	0.0004363	75	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.005	0.0014	0.04	No	16	0.004281	0.001548	81.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.005	0.0015	0.04	No	16	0.003479	0.001687	50	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.035	0.02059	0.04	No	16	0.02838	0.01181	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.005	0.00039	0.04	No	16	0.004712	0.001152	93.75	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0073	0.0012	0.04	No	16	0.004019	0.00201	62.5	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006618	0.005055	0.04	No	16	0.005869	0.001277	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.01066	0.007564	0.04	No	16	0.009113	0.00238	0	None	No	0.01	Param.
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	16	0.0001867	0.00003621	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00016	0.002	No	16	0.0002187	0.0001092	81.25	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001348	0.000727	0.002	No	16	0.001066	0.0005237	0	None	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-105	0.0002	0.0002	0.002	No	16	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	16	0.0001925	0.00003	93.75	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	16	0.0005186	0.0008094	75	None	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.006042**	**0.003613**	**0.002**	**Yes**	**16**	**0.004828**	**0.001867**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-104	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.0054	0.0032	0.1	No	16	0.004987	0.003084	6.25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-106	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-110	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.0013	0.00029	0.05	No	16	0.001085	0.0004198	75	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-103	0.0029	0.001975	0.05	No	16	0.002438	0.0007108	6.25	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01164	0.005012	0.05	No	16	0.008744	0.005635	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-105	0.0013	0.00038	0.05	No	16	0.000905	0.0004677	56.25	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-106	0.0013	0.0013	0.05	No	16	0.0013	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.0013	0.00024	0.05	No	16	0.001165	0.000369	87.5	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003602	0.003161	0.05	No	16	0.003381	0.0003391	0	None	No	0.01	Param.
Thallium (mg/L)	MW-102	0.0005	0.00021	0.002	No	16	0.0004819	0.0000725	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0005	0.00015	0.002	No	16	0.0004485	0.0001425	87.5	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.000339	0.0002347	0.002	No	16	0.0002869	0.00008014	0	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.0005	0.00024	0.002	No	16	0.0004838	0.000065	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-106	0.0005	0.0005	0.002	No	16	0.0005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0005	0.00012	0.002	No	16	0.0004763	0.000095	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002981	0.0002331	0.002	No	16	0.0002656	0.00004993	0	None	No	0.01	Param.

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

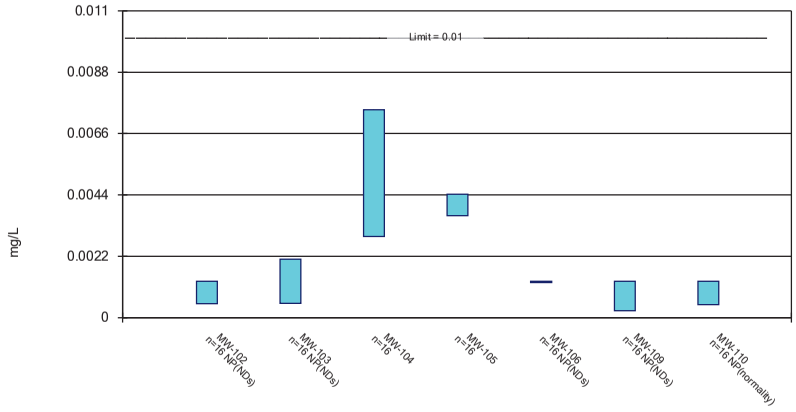


Constituent: Antimony Analysis Run 1/12/2021 4:31 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

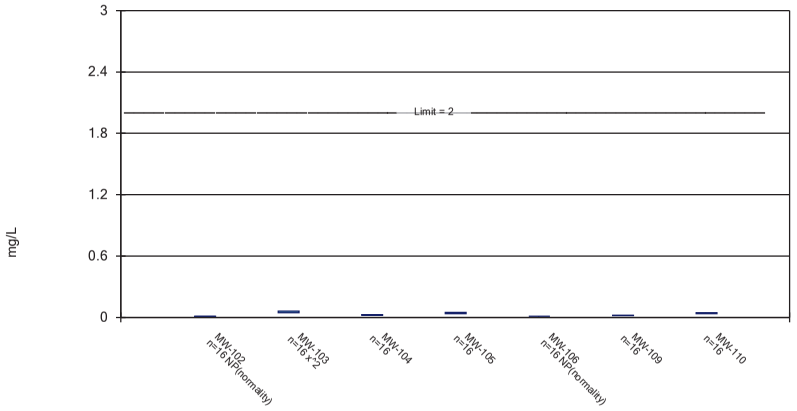


Constituent: Arsenic Analysis Run 1/12/2021 4:31 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

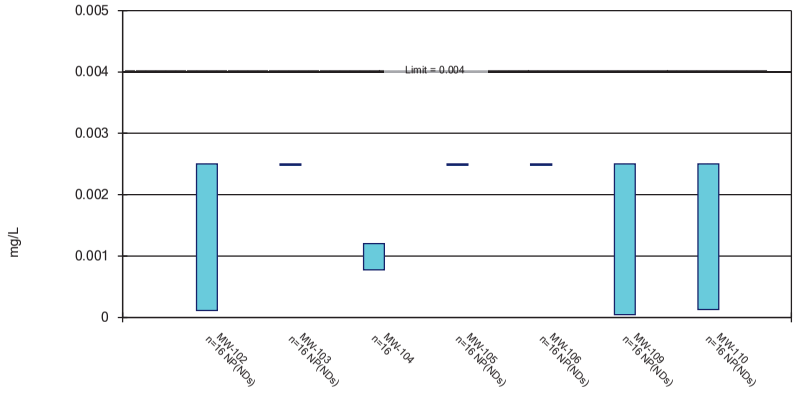


Constituent: Barium Analysis Run 1/12/2021 4:31 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

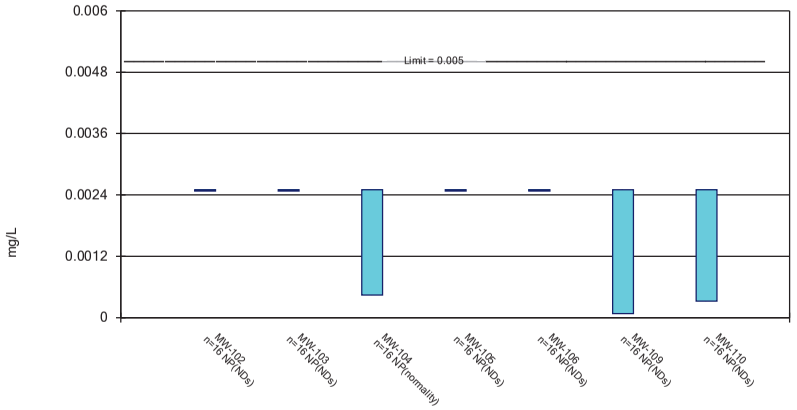
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 1/12/2021 4:31 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

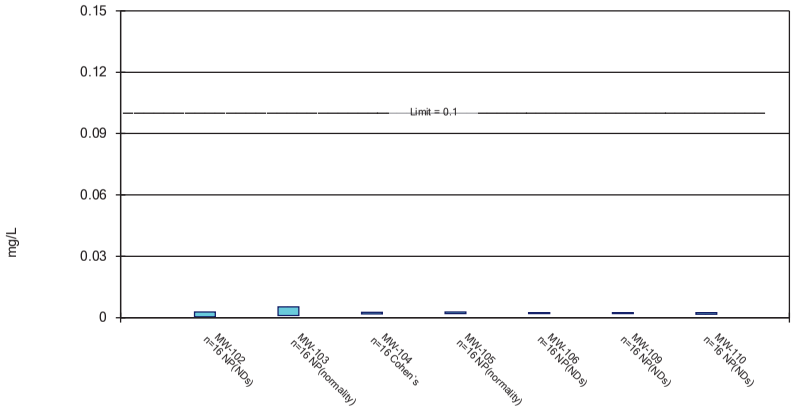


Constituent: Cadmium Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

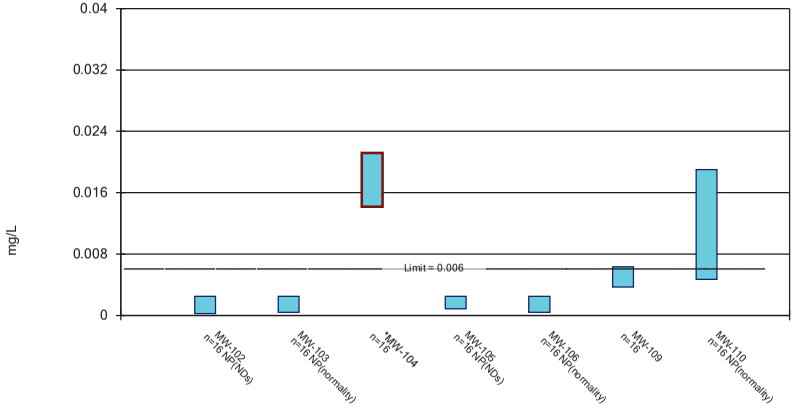


Constituent: Chromium Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

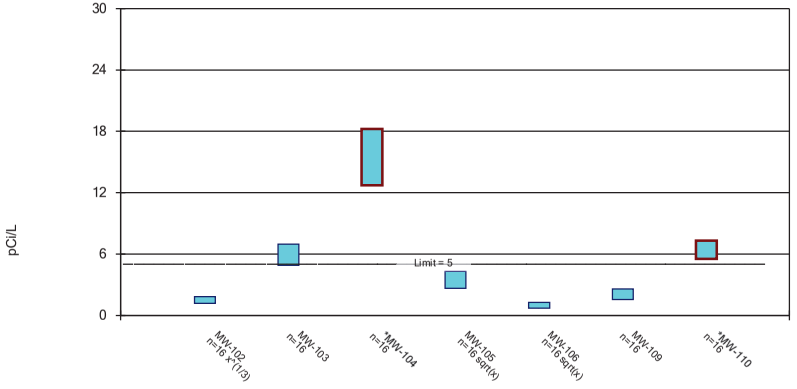


Constituent: Cobalt Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric Confidence Interval

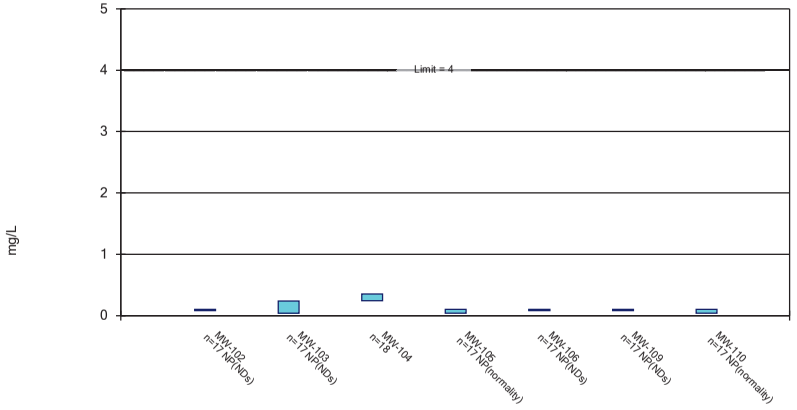
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 1
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

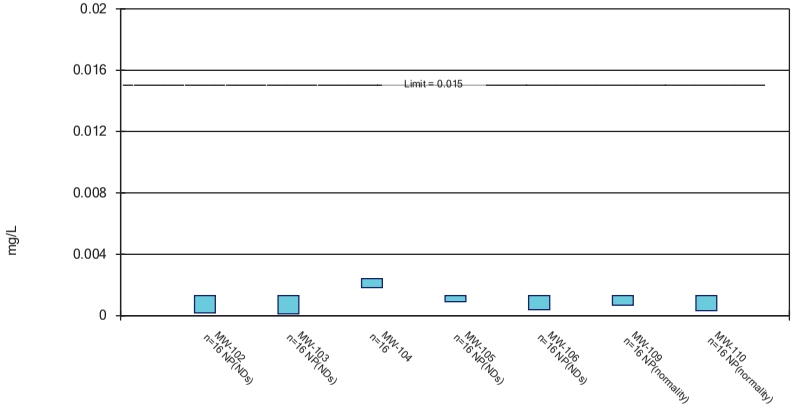


Constituent: Fluoride Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

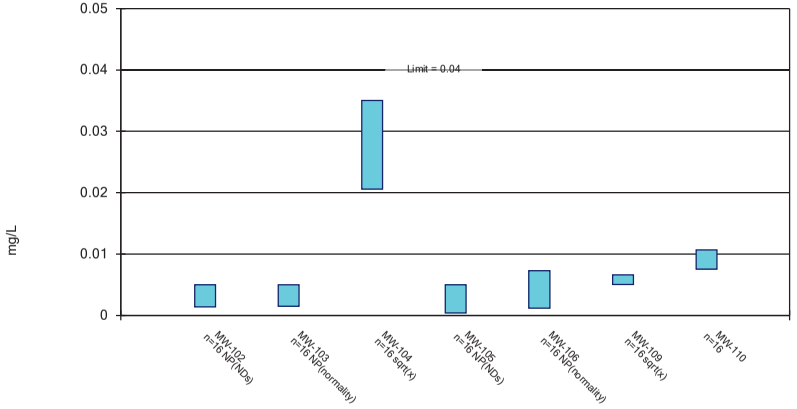


Constituent: Lead Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

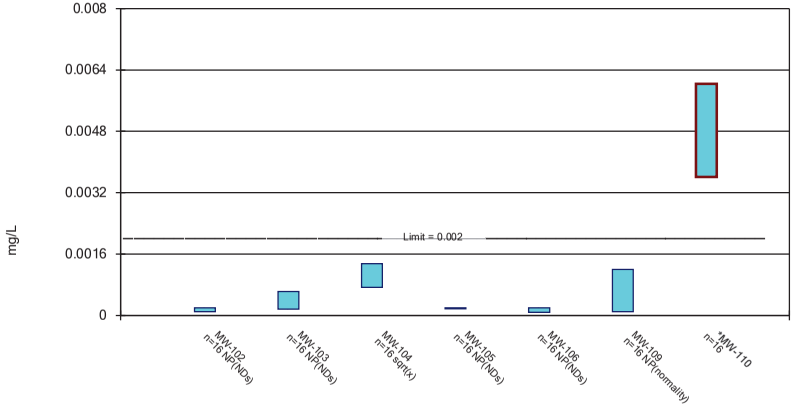


Constituent: Lithium Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

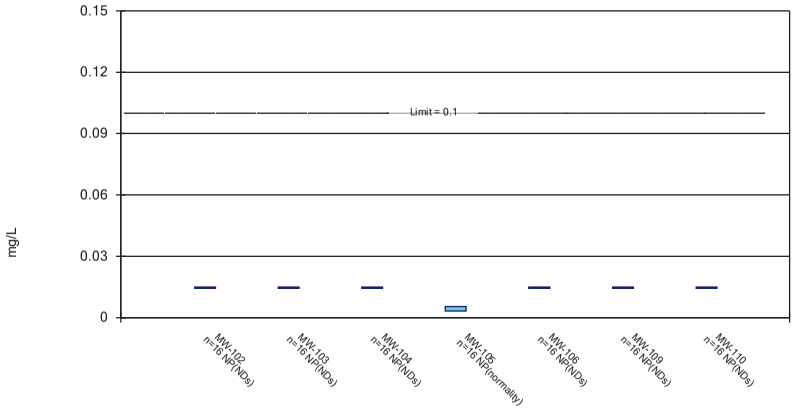
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

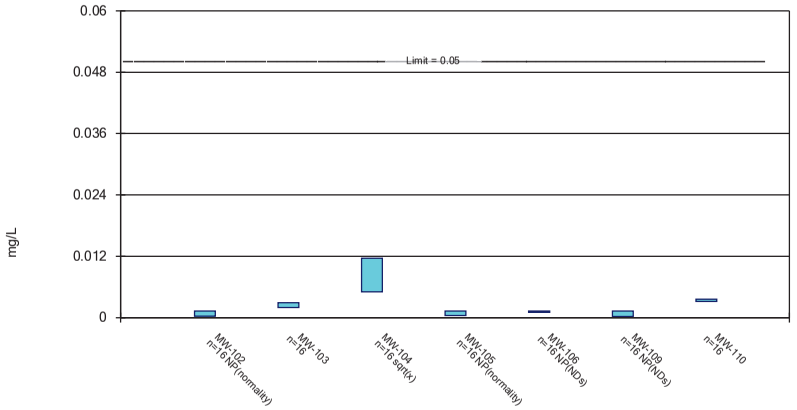


Constituent: Molybdenum Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

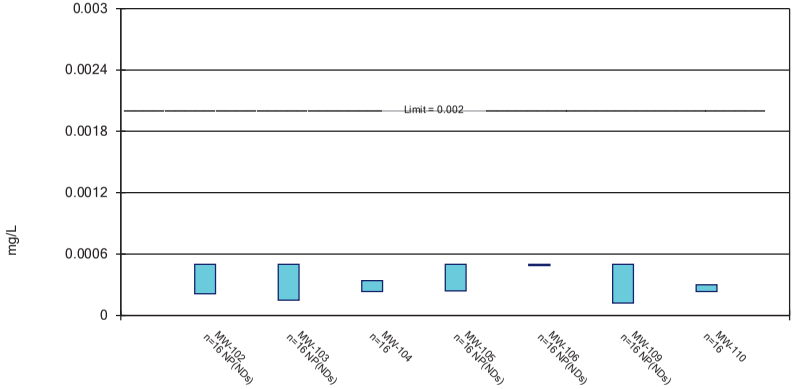


Constituent: Selenium Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/12/2021 4:32 PM View: Confidence Intervals - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

200 Series

Confidence Interval Summary Table - 200 Series - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.15**	**8.109**	**5**	**Yes**	**16**	**12.63**	**6.949**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**16**	**13.31**	**8.101**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**29.38**	**13.57**	**5**	**Yes**	**16**	**21.48**	**12.15**	**0**	**None**	**No**	**0.01**	**Param.**

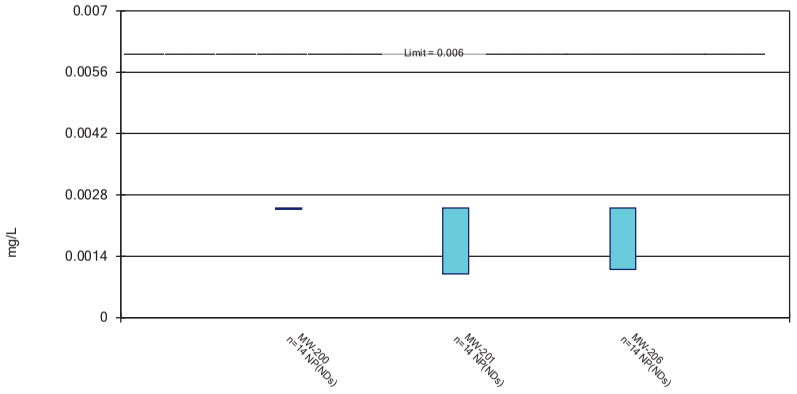
Confidence Interval Summary Table - 200 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/12/2021, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-200	0.0025	0.0025	0.006	No	14	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	14	0.002286	0.0005447	85.71	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	14	0.0024	0.0003742	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.002919	0.0009315	0.01	No	16	0.002093	0.001748	12.5	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0068	0.0009	0.01	No	16	0.003084	0.003038	37.5	None	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-206	0.009888	0.002491	0.01	No	16	0.006934	0.006444	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.0647	0.03644	2	No	16	0.05057	0.02171	0	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.06768	0.03569	2	No	16	0.05169	0.02458	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1092	0.06072	2	No	16	0.08494	0.03723	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	16	0.002347	0.0006137	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	16	0.002348	0.0006077	93.75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00048	0.004	No	16	0.001968	0.0009568	75	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	15	0.002127	0.0007778	80	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.014	0.0017	0.005	No	16	0.006456	0.005653	6.25	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0027	0.00055	0.005	No	16	0.001889	0.001067	6.25	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-200	0.0025	0.0025	0.1	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-201	0.0025	0.0011	0.1	No	13	0.002392	0.0003883	92.31	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0025	0.1	No	13	0.002508	0.00002774	92.31	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.002536	0.001308	0.006	No	16	0.001465	0.00063	25	Cohen`s	No	0.01	Param.
Cobalt (mg/L)	MW-201	0.002962	0.001477	0.006	No	16	0.002297	0.001305	6.25	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004744	0.002302	0.006	No	16	0.003523	0.001877	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**17.15**	**8.109**	**5**	**Yes**	**16**	**12.63**	**6.949**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.8**	**6.52**	**5**	**Yes**	**16**	**13.31**	**8.101**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**29.38**	**13.57**	**5**	**Yes**	**16**	**21.48**	**12.15**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.088	0.05	4	No	17	0.08118	0.06057	23.53	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7555	0.4867	4	No	18	0.6211	0.2222	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.1	0.045	4	No	18	0.06717	0.02656	5.556	None	No	0.01	NP (normality)
Lead (mg/L)	MW-200	0.001402	0.0007381	0.015	No	16	0.00107	0.0005101	12.5	None	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00061	0.015	No	16	0.001058	0.0003748	68.75	None	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.01	0.001	0.015	No	16	0.005639	0.004013	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	16	0.004756	0.001853	75	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-201	0.0078	0.0042	0.04	No	16	0.006856	0.007707	12.5	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0014	0.04	No	16	0.004537	0.001264	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002276	0.001008	0.002	No	16	0.001642	0.0009743	0	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00026	0.002	No	16	0.001363	0.00105	0	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.0007	0.0001	0.002	No	16	0.0003394	0.000288	25	None	No	0.01	NP (Cohens/xfrm)
Molybdenum (mg/L)	MW-200	0.015	0.0078	0.1	No	14	0.01449	0.001924	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.015	0.0015	0.1	No	14	0.01404	0.003608	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.015	0.00092	0.1	No	14	0.01399	0.003763	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01244	0.005167	0.05	No	16	0.009281	0.00577	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01167	0.004097	0.05	No	16	0.008475	0.005824	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-206	0.01876	0.01256	0.05	No	16	0.01566	0.004765	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.00041	0.00005	0.002	No	16	0.0002086	0.000169	25	None	No	0.01	NP (Cohens/xfrm)
Thallium (mg/L)	MW-201	0.0004225	0.0002087	0.002	No	16	0.0003156	0.0001643	0	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.00089	0.00023	0.002	No	16	0.0005869	0.0003067	0	None	No	0.01	NP (normality)

Non-Parametric Confidence Interval

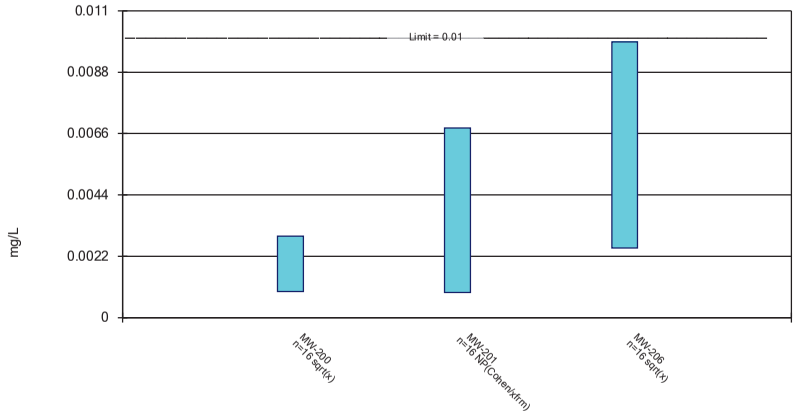
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

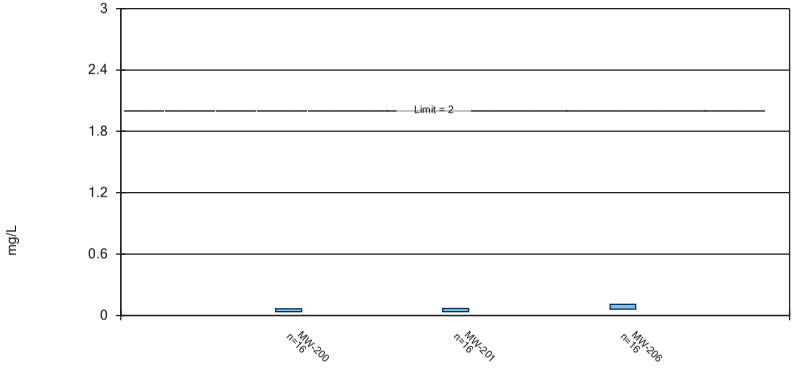
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric Confidence Interval

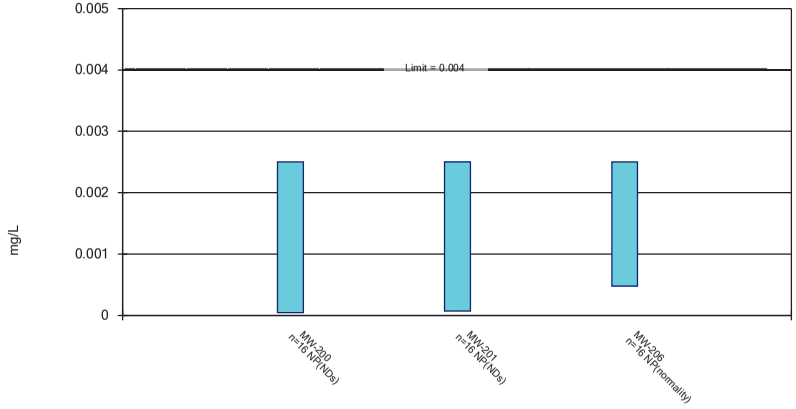
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

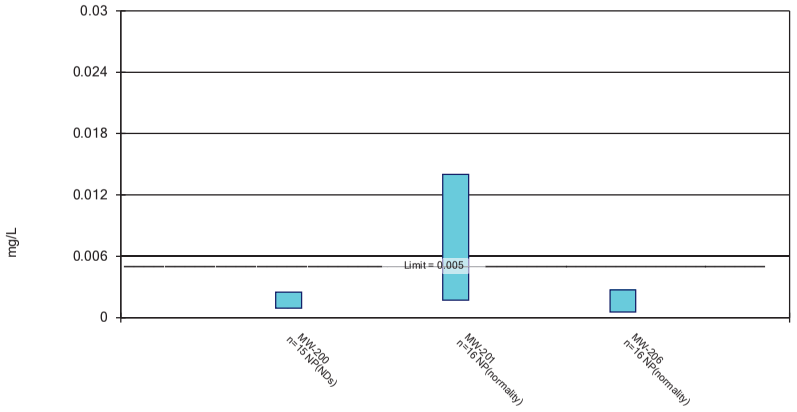
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

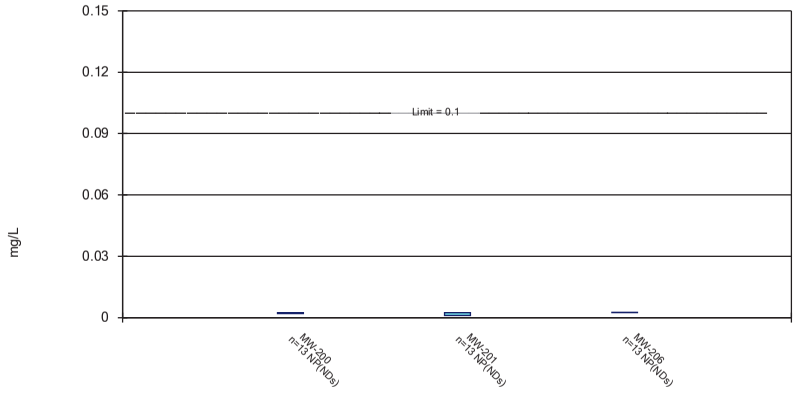


Constituent: Cadmium Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

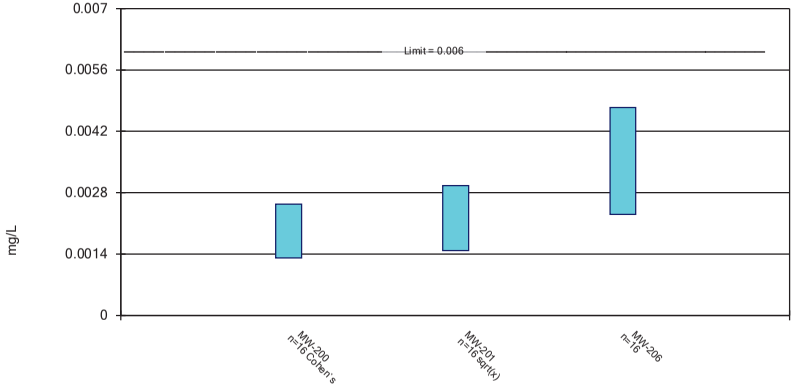


Constituent: Chromium Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

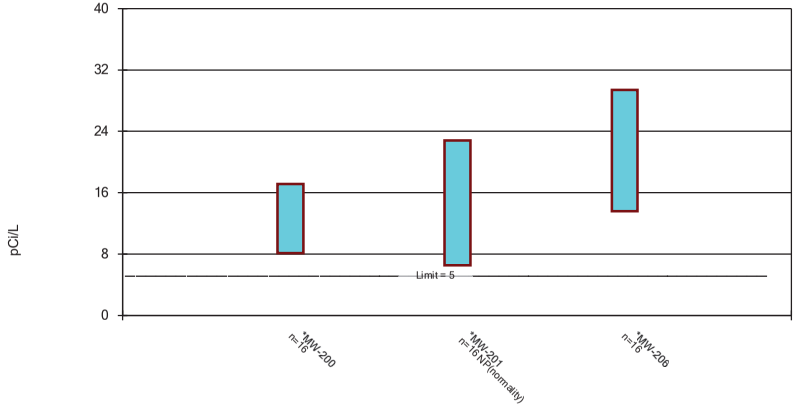


Constituent: Cobalt Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

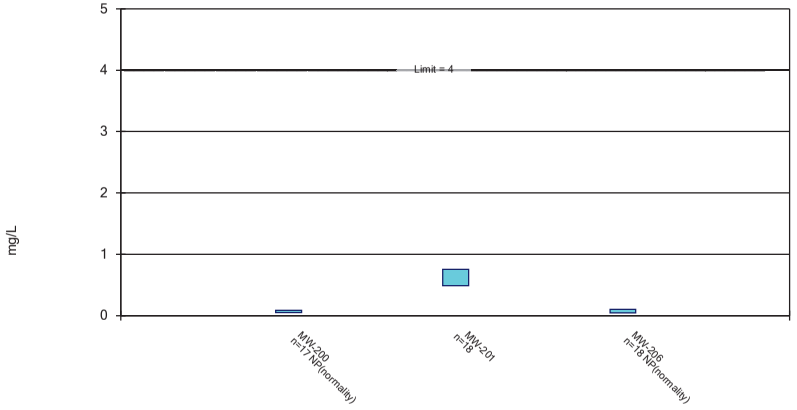
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 2
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

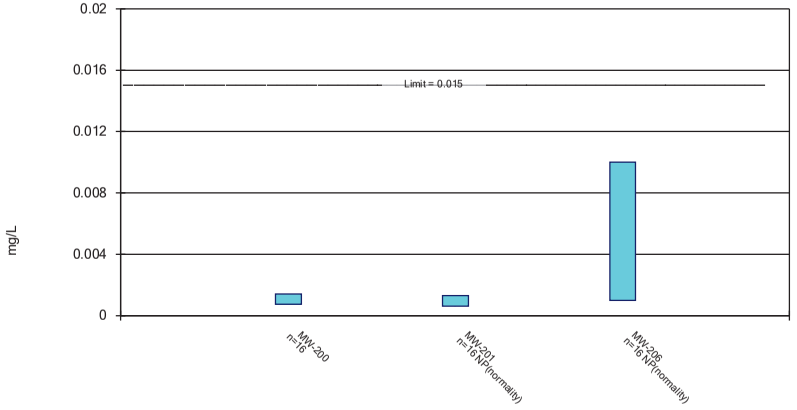


Constituent: Fluoride Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

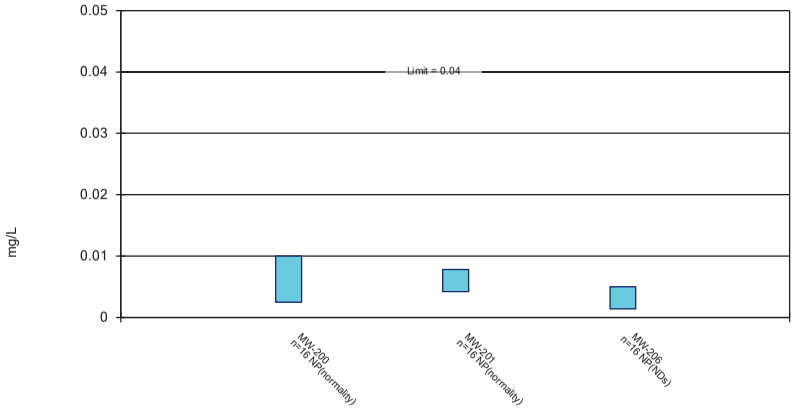


Constituent: Lead Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

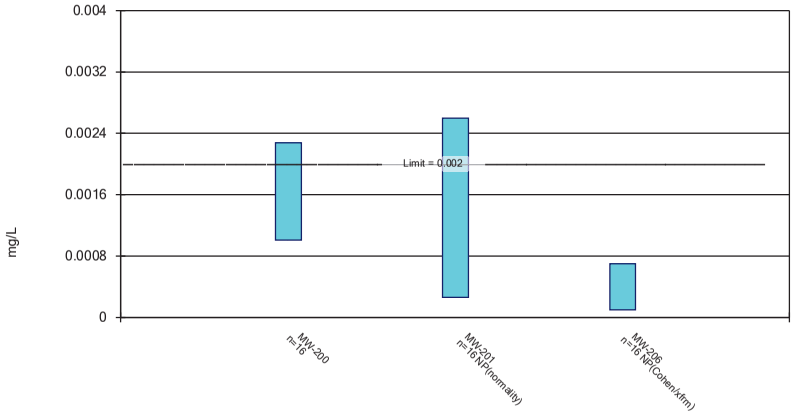


Constituent: Lithium Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

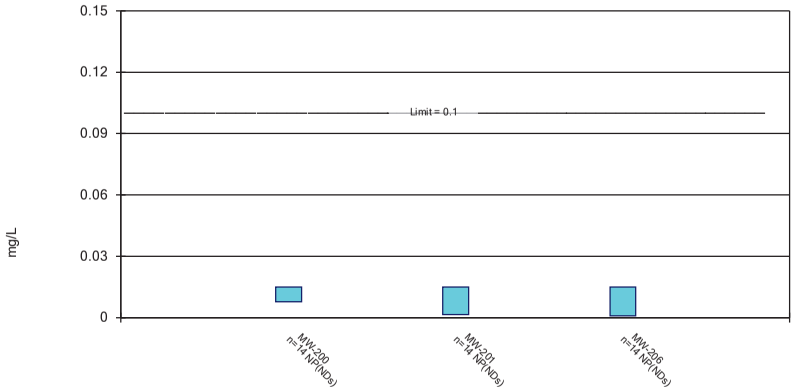
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

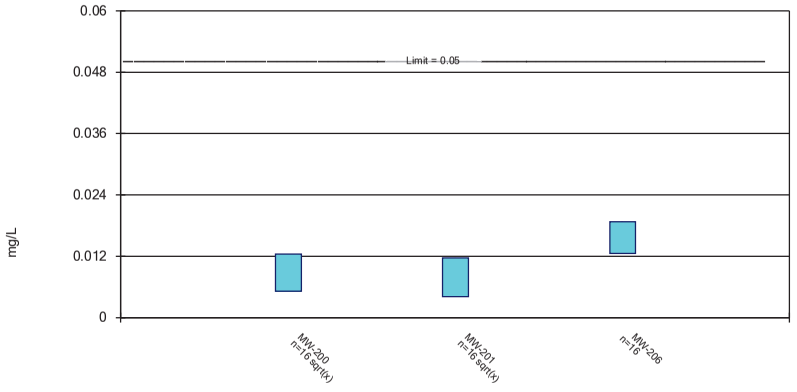


Constituent: Molybdenum Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

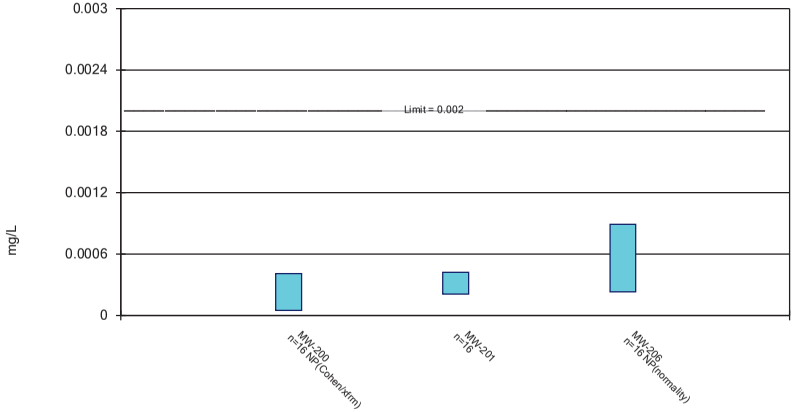


Constituent: Selenium Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/12/2021 4:35 PM View: Confidence Intervals - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

300 Series

Confidence Interval Summary Table - 300 Series - Significant Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/13/2021, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-304**	**0.02083**	**0.006728**	**0.006**	**Yes**	**10**	**0.01378**	**0.007904**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**MW-303**	**1.59**	**0.8622**	**0.1**	**Yes**	**16**	**1.259**	**0.5919**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/13/2021, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-300	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-303	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-304	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-305	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-308	0.0025	0.0025	0.006	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-300	0.0013	0.0013	0.01	No	14	0.0013	0	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-303	0.001588	0.0008995	0.01	No	14	0.001244	0.0004858	42.86	None	No	0.01	Param.
Arsenic (mg/L)	MW-304	0.005	0.00053	0.01	No	11	0.001841	0.001796	18.18	None	No	0.006	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-305	0.0013	0.00057	0.01	No	14	0.001185	0.0002938	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.0013	0.0011	0.01	No	14	0.001226	0.0002267	85.71	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	16	0.01131	0.0007932	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04574	0.02854	2	No	16	0.03863	0.01587	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04214	0.02724	2	No	16	0.03469	0.01145	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	16	0.01906	0.005221	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02725	0.02112	2	No	16	0.02419	0.004708	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-300	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-303	0.0025	0.000074	0.004	No	13	0.002313	0.0006729	92.31	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-304	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-305	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-308	0.0025	0.0025	0.004	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0025	0.000075	0.005	No	16	0.002348	0.0006062	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0025	0.00036	0.005	No	16	0.0009794	0.000915	25	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-304	0.0025	0.001	0.005	No	16	0.002296	0.0005606	87.5	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0025	0.000076	0.005	No	16	0.002348	0.000606	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0025	0.000089	0.005	No	16	0.002349	0.0006027	93.75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0025	0.1	No	13	0.002592	0.0003328	92.31	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0025	0.1	No	13	0.0025	0	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0016	0.1	No	13	0.002331	0.0004211	84.62	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.0016	0.1	No	13	0.002431	0.0002496	84.62	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.0025	0.00082	0.1	No	13	0.002371	0.0004659	92.31	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.0025	0.00093	0.006	No	16	0.002119	0.0008327	81.25	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0025	0.00051	0.006	No	16	0.001317	0.0009518	37.5	None	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-304**	**0.02083**	**0.006728**	**0.006**	**Yes**	**10**	**0.01378**	**0.007904**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-305	0.0025	0.00044	0.006	No	16	0.001162	0.0009454	31.25	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.0025	0.00063	0.006	No	16	0.002262	0.0006508	87.5	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.563	4.75	5	No	16	5.156	0.6245	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-303	6.89	4.37	5	No	16	6.15	2.092	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-304	7.16	3.769	5	No	16	5.464	2.606	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.623	1.211	5	No	16	1.417	0.3165	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.086	2.248	5	No	16	2.667	0.6445	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	17	0.09653	0.01431	94.12	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2503	0.1608	4	No	18	0.2056	0.0739	5.556	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.06	4	No	17	0.09529	0.0371	47.06	None	No	0.01	NP (Cohens/xfrm)
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	17	0.09618	0.01576	94.12	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1353	0.07916	4	No	18	0.1072	0.04638	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.000083	0.015	No	13	0.001206	0.0003375	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.00011	0.015	No	13	0.001208	0.00033	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.0014	0.00041	0.015	No	13	0.0009385	0.0004446	46.15	None	No	0.01	NP (normality)
Lead (mg/L)	MW-305	0.0013	0.0013	0.015	No	13	0.0013	0	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-308	0.0013	0.0013	0.015	No	13	0.0013	0	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0014	0.04	No	16	0.004227	0.001669	81.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02828	0.02306	0.04	No	16	0.02575	0.004171	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.005	0.0023	0.04	No	16	0.004219	0.001398	68.75	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.005	0.0014	0.04	No	16	0.004213	0.001702	81.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.005	0.0013	0.04	No	16	0.0041	0.001624	75	None	No	0.01	NP (normality)

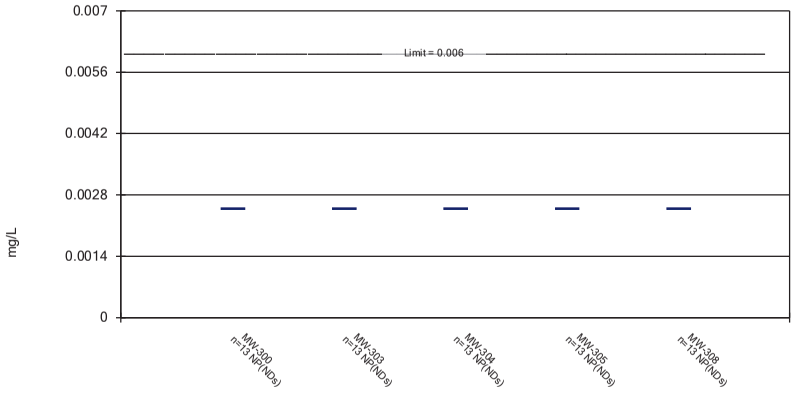
Confidence Interval Summary Table - 300 Series - All Results

Plant Crist Client: Gulf Power Data: Plant Crist CCR Printed 1/13/2021, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-300	0.0002	0.0002	0.002	No	16	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-303	0.0002	0.0002	0.002	No	16	0.0002	0	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00082	0.0002	0.002	No	16	0.0004804	0.0003221	18.75	None	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.0002	0.00014	0.002	No	16	0.0001962	0.000015	93.75	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.0002	0.000087	0.002	No	16	0.0001929	0.00002825	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-300	0.015	0.015	0.1	No	16	0.015	0	100	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.59**	**0.8622**	**0.1**	**Yes**	**16**	**1.259**	**0.5919**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.015	0.0029	0.1	No	16	0.01014	0.005792	56.25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.015	0.0016	0.1	No	16	0.01416	0.00335	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.015	0.00098	0.1	No	16	0.01412	0.003505	93.75	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.0013	0.0013	0.05	No	16	0.0013	0	100	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.00611	0.003465	0.05	No	16	0.004788	0.002033	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006685	0.004089	0.05	No	15	0.005387	0.001916	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.0013	0.00027	0.05	No	16	0.001236	0.0002575	93.75	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005822	0.00364	0.05	No	16	0.004731	0.001677	0	None	No	0.01	Param.
Thallium (mg/L)	MW-300	0.0005	0.0005	0.002	No	16	0.0005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-303	0.00027	0.00017	0.002	No	16	0.0002344	0.00008907	6.25	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-304	0.0002586	0.0001363	0.002	No	16	0.0002128	0.0001241	12.5	None	ln(x)	0.01	Param.
Thallium (mg/L)	MW-305	0.0005	0.0005	0.002	No	16	0.0005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-308	0.000335	0.000235	0.002	No	16	0.000285	0.00007685	6.25	None	No	0.01	Param.

Non-Parametric Confidence Interval

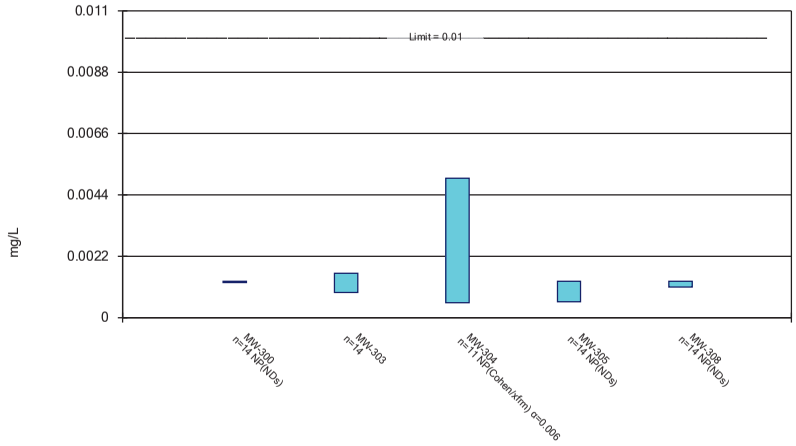
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

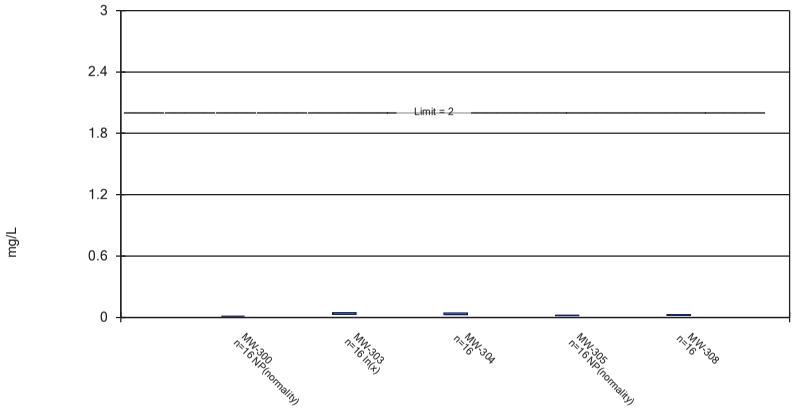
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

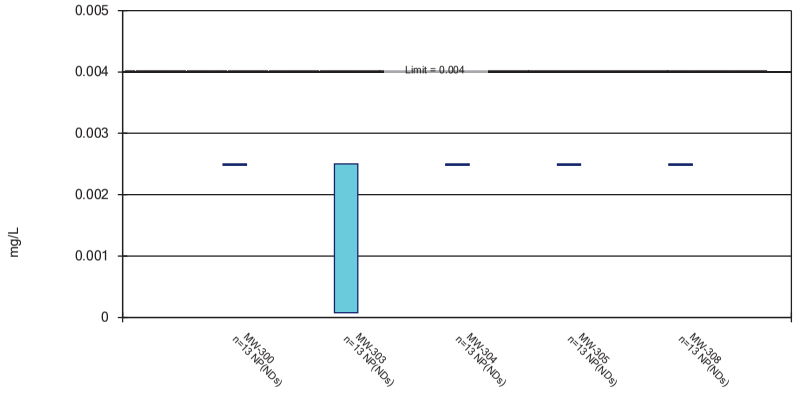
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

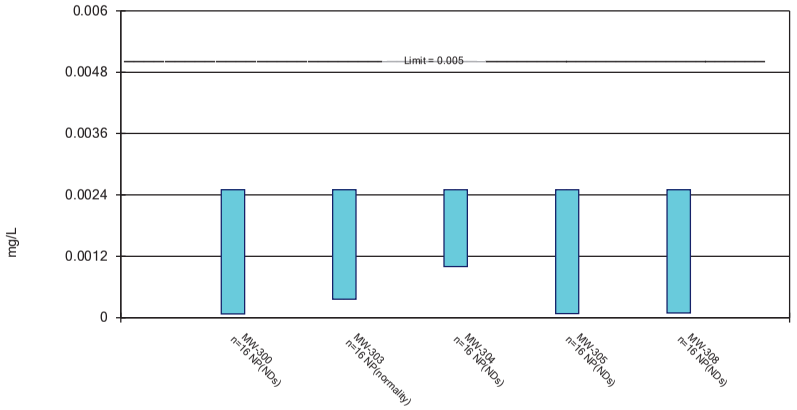
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

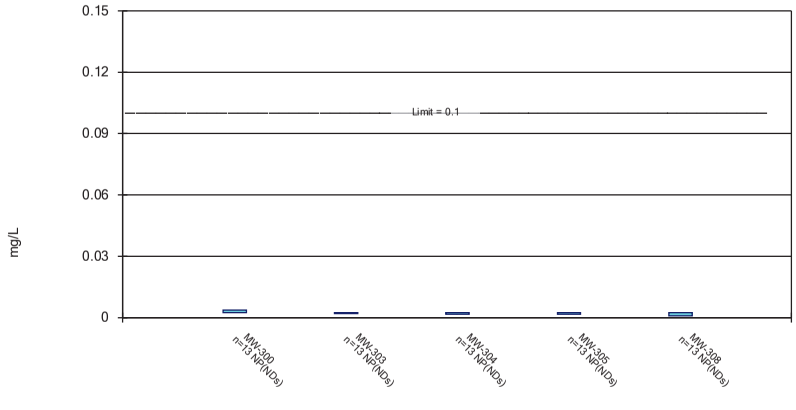


Constituent: Cadmium Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

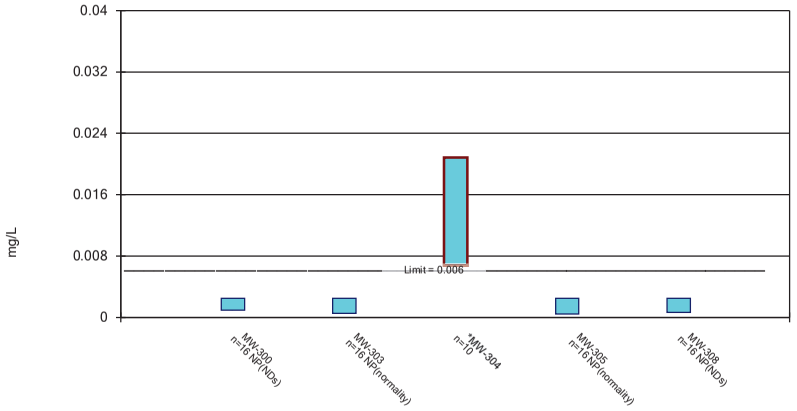


Constituent: Chromium Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

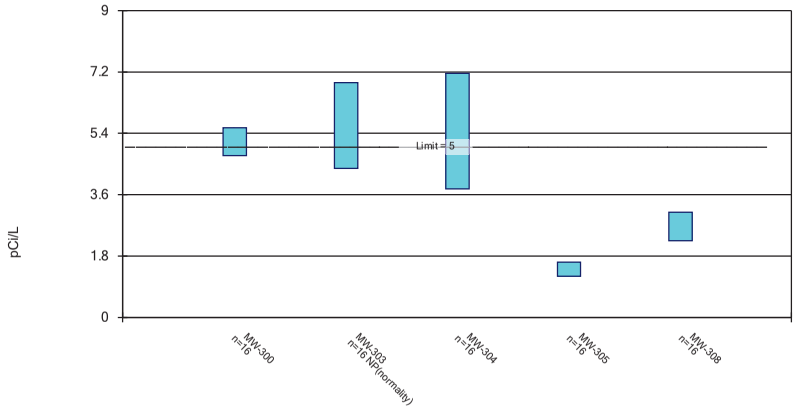


Constituent: Cobalt Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

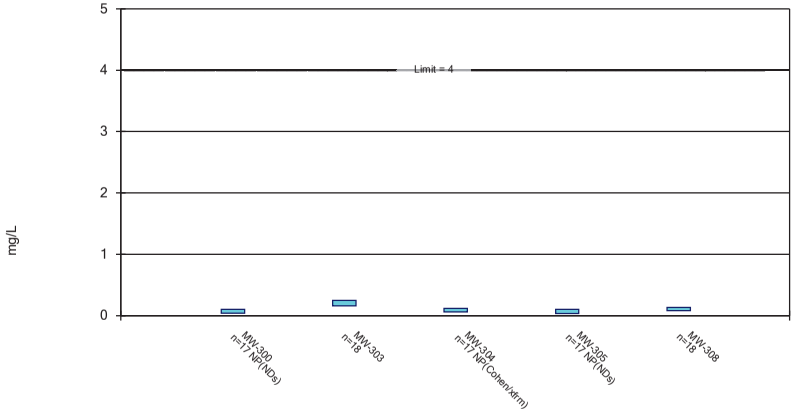


Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals -
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



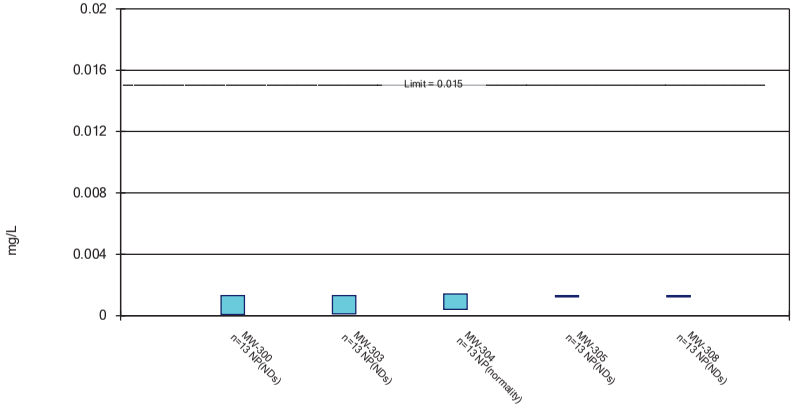
Constituent: Fluoride Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



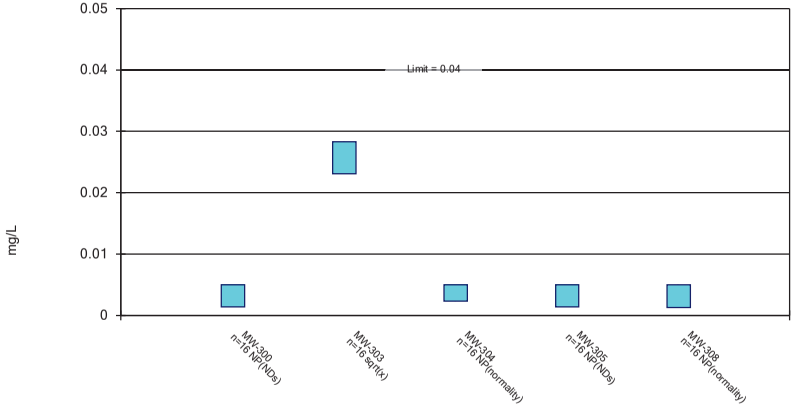
Constituent: Lead Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



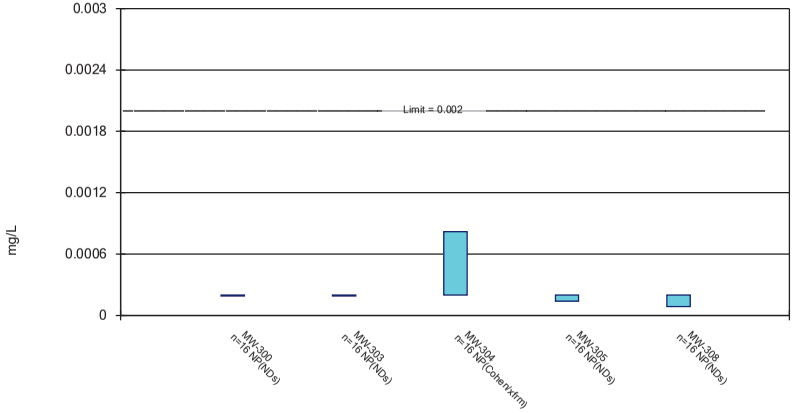
Constituent: Lithium Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

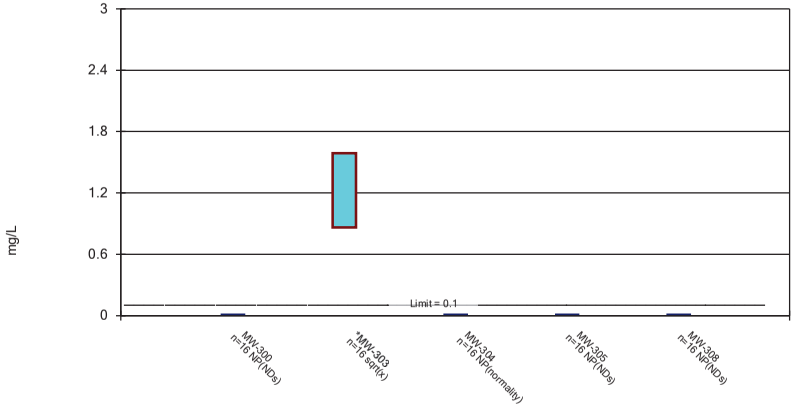


Constituent: Mercury Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



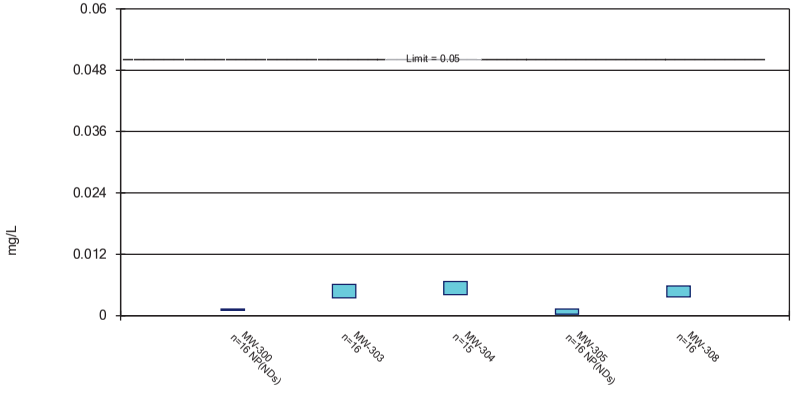
Constituent: Molybdenum Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



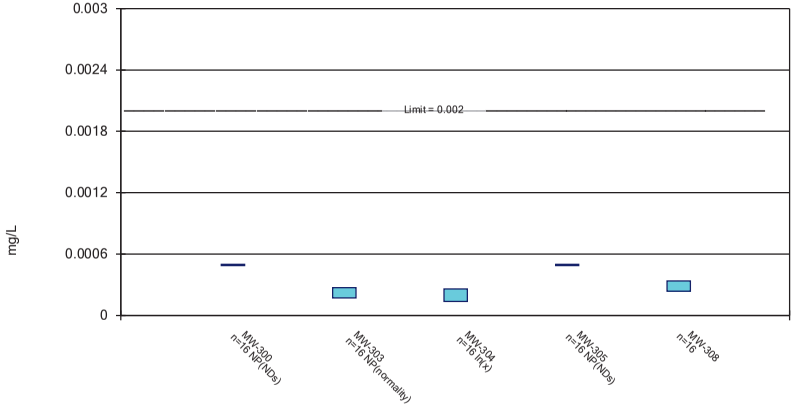
Constituent: Selenium Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/13/2021 10:18 AM View: Confidence Intervals - 300 Series

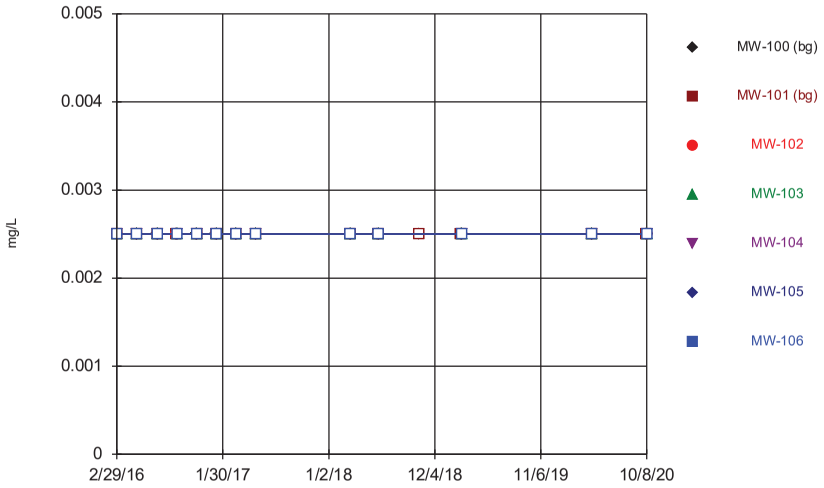
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

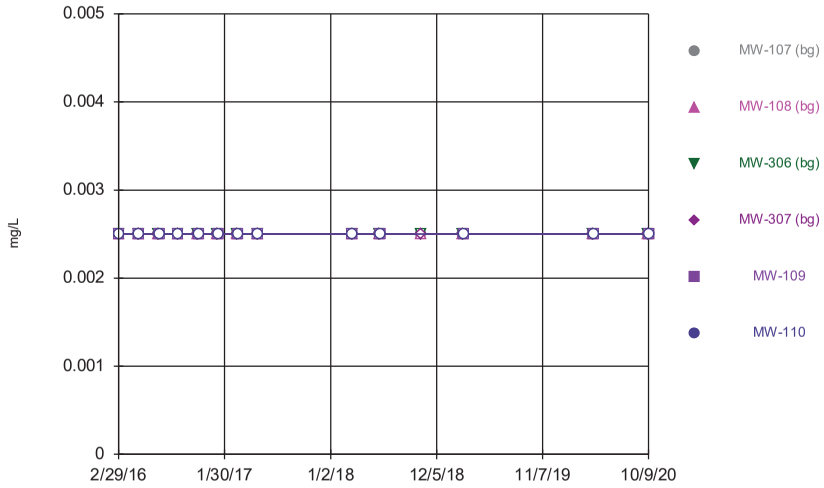
Time Series



Constituent: Antimony Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

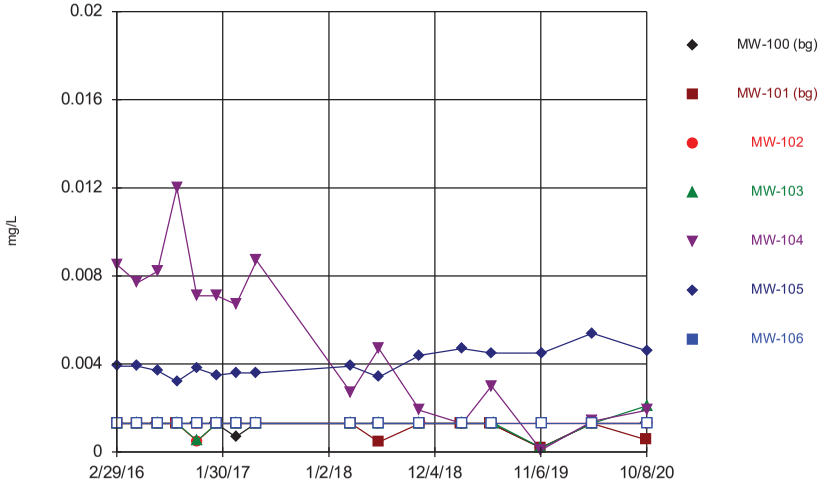
Time Series



Constituent: Antimony Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

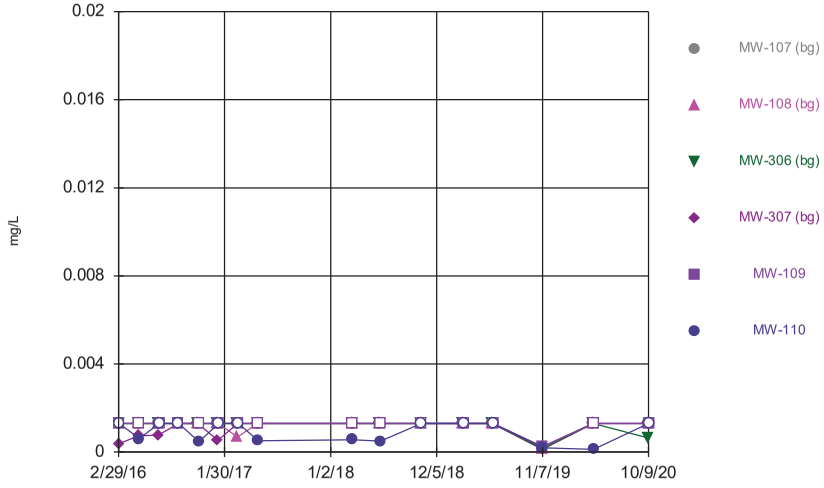
Time Series



Constituent: Arsenic Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

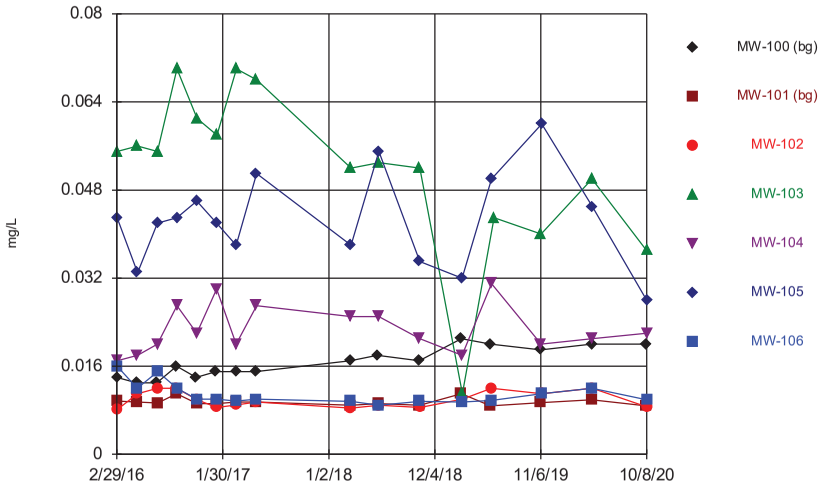
Time Series



Constituent: Arsenic Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

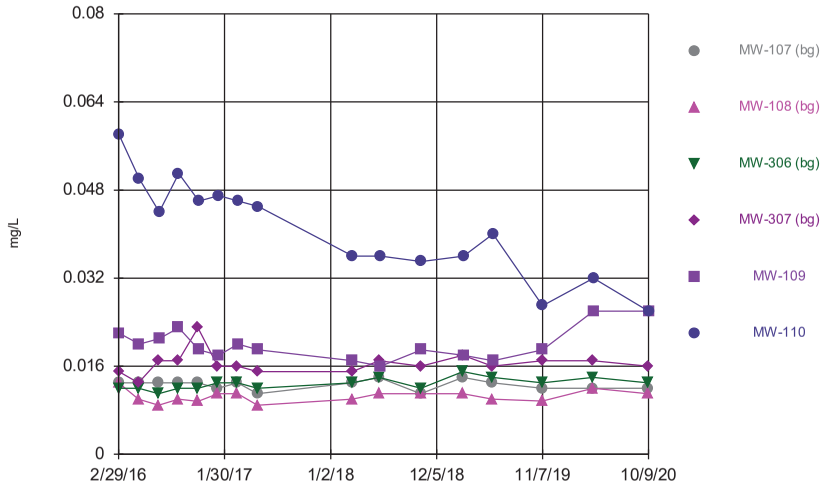
Time Series



Constituent: Barium Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

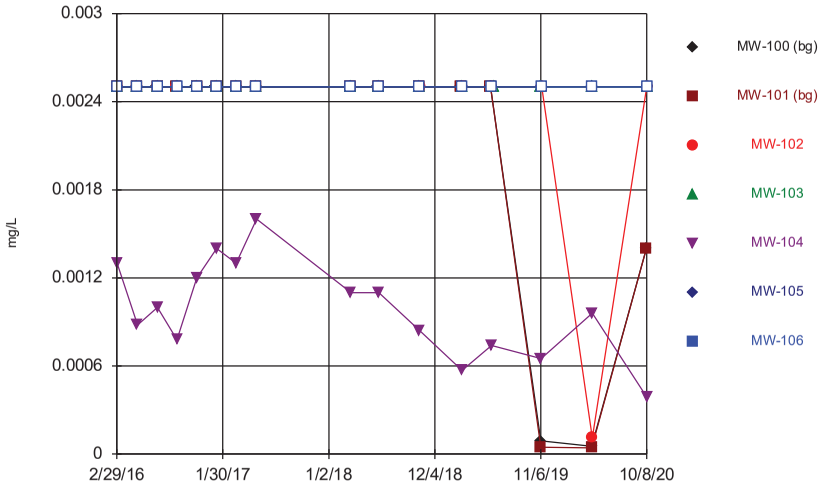
Time Series



Constituent: Barium Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

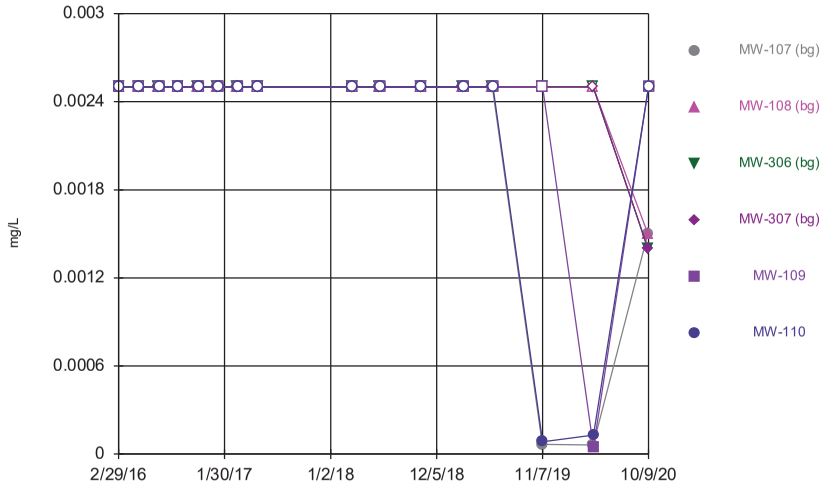
Time Series



Constituent: Beryllium Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

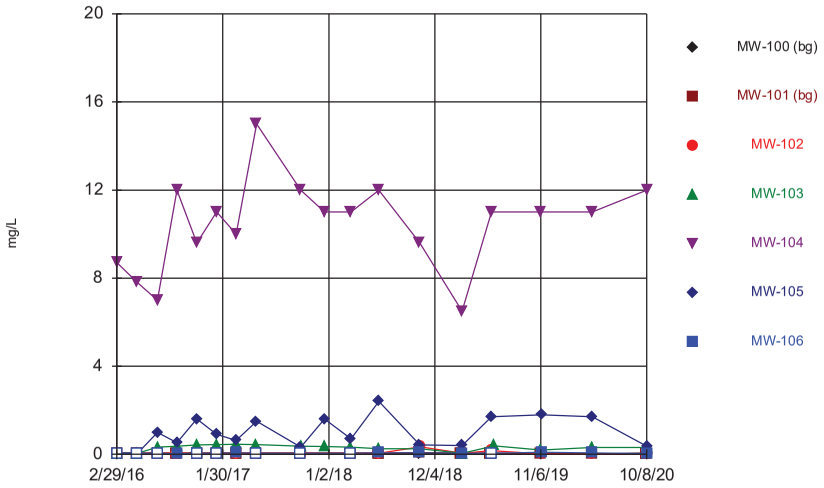
Time Series



Constituent: Beryllium Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

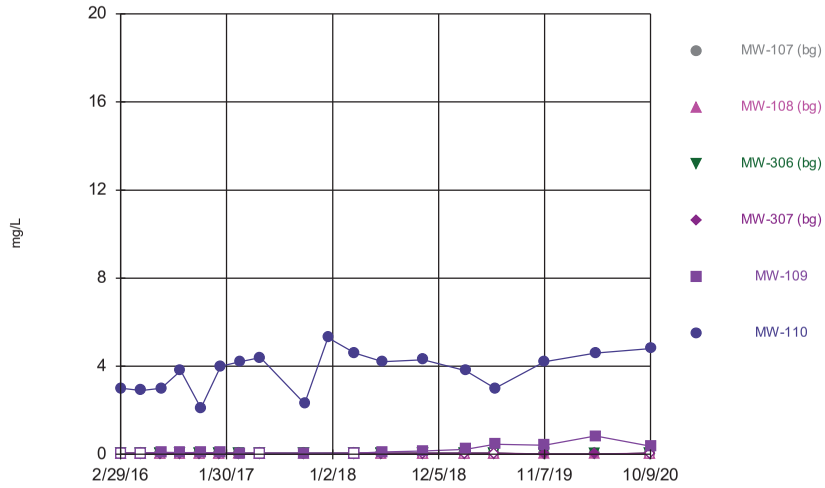
Time Series



Constituent: Boron Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

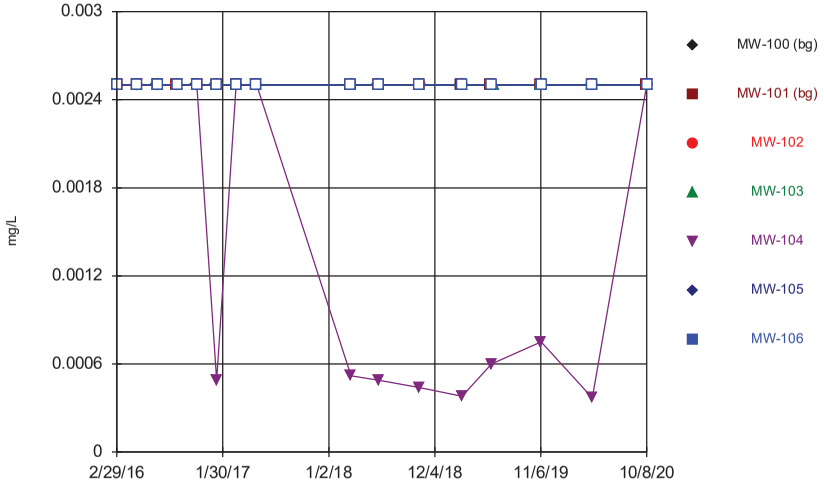
Time Series



Constituent: Boron Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

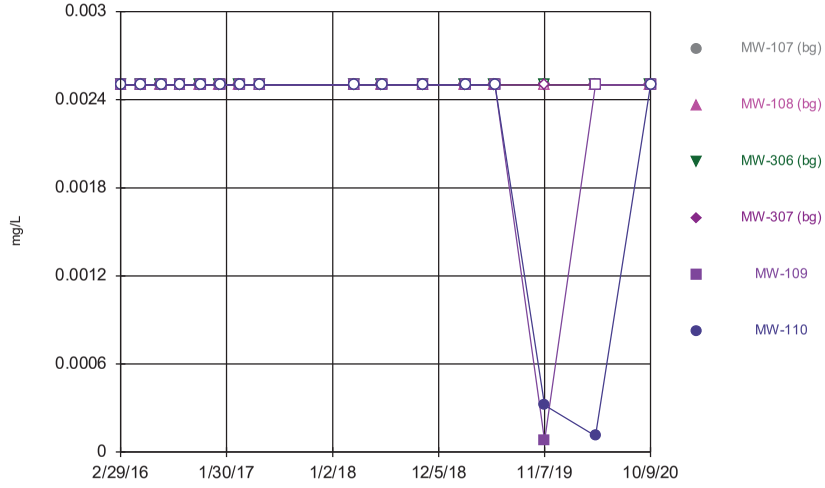
Time Series



Constituent: Cadmium Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

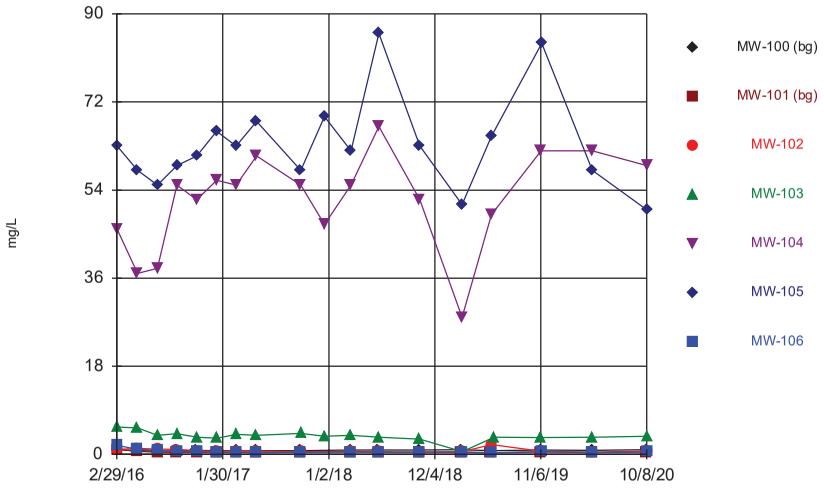
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cadmium Analysis Run 1/7/2021 5:37 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

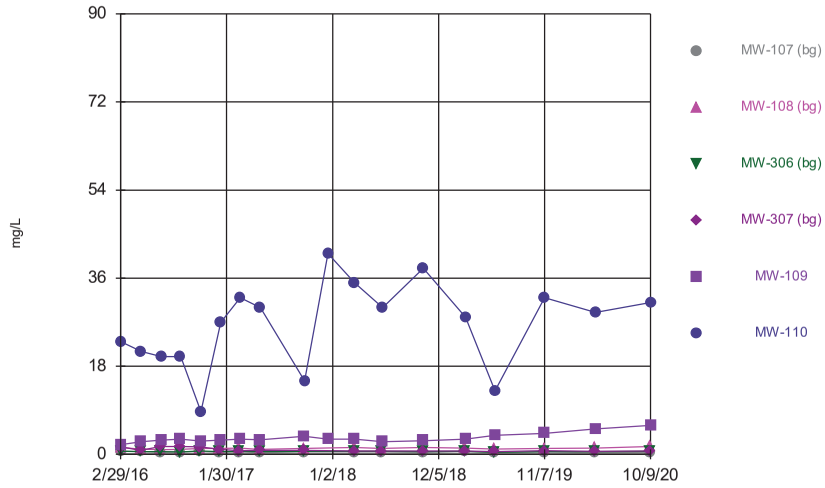
Time Series



Constituent: Calcium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

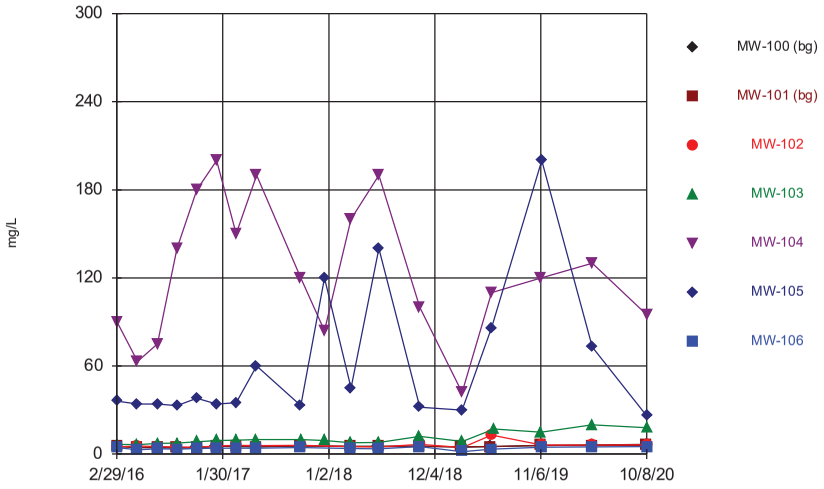
Time Series



Constituent: Calcium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

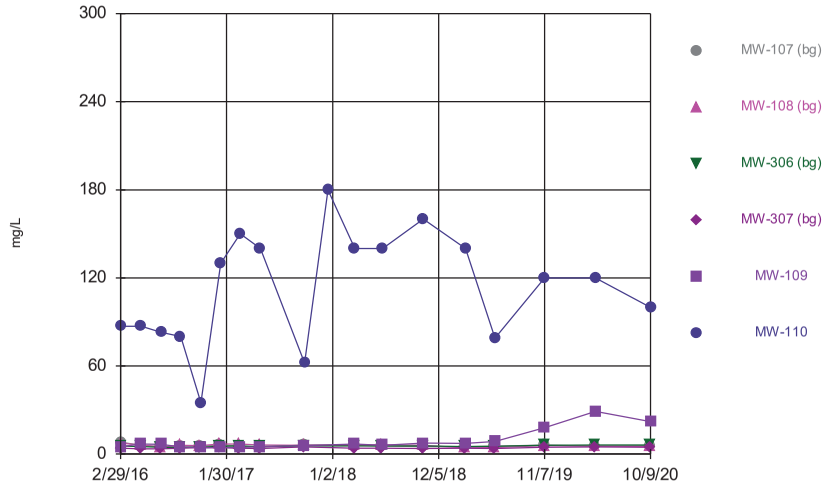
Time Series



Constituent: Chloride Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

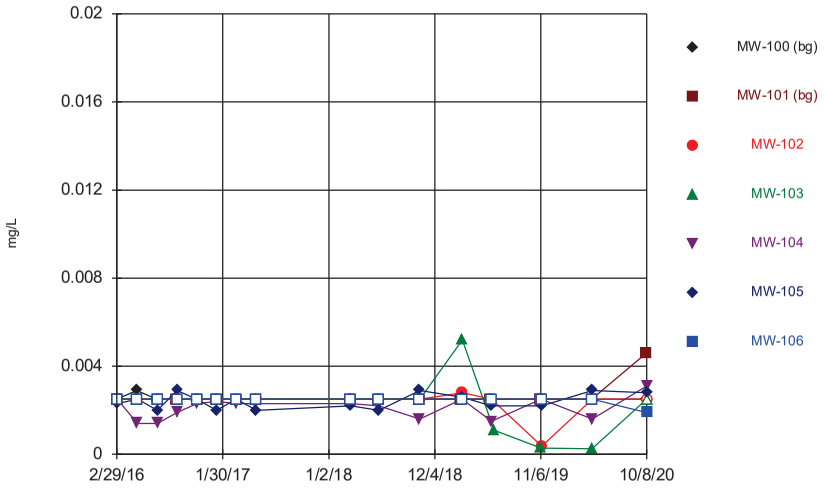
Time Series



Constituent: Chloride Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

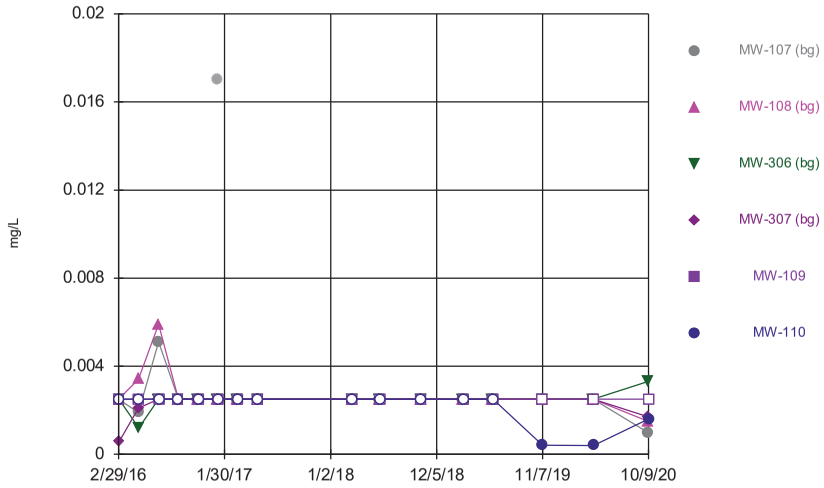
Time Series



Constituent: Chromium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

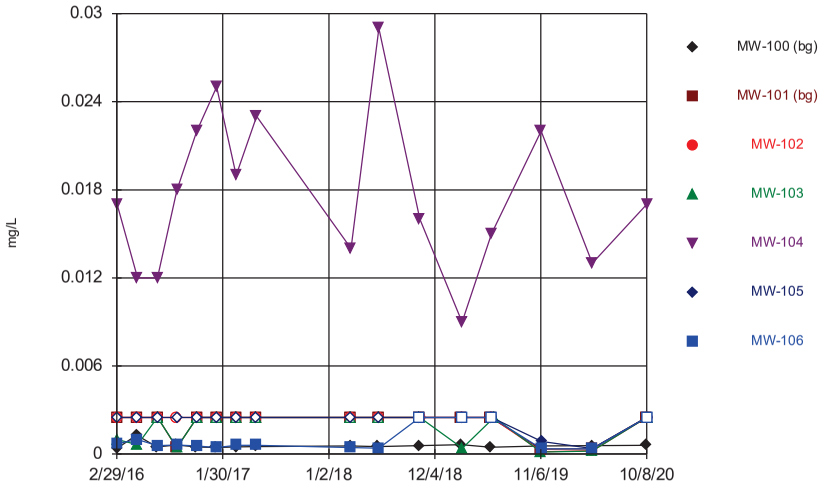
Time Series



Constituent: Chromium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

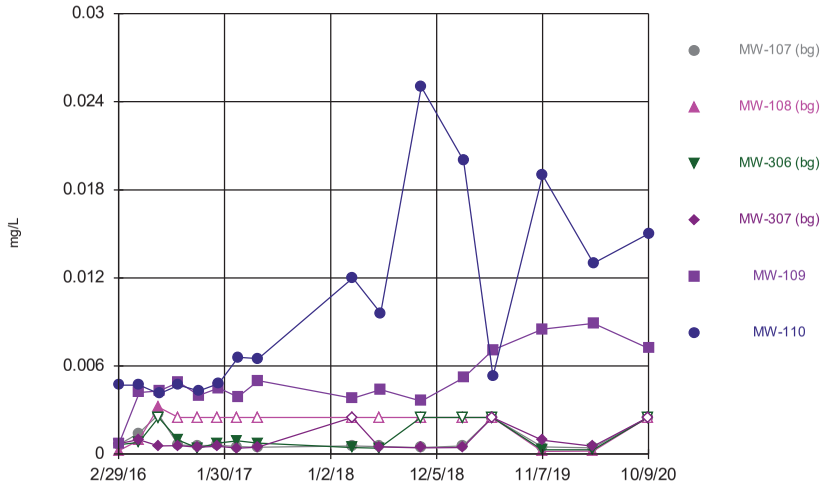
Time Series



Constituent: Cobalt Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

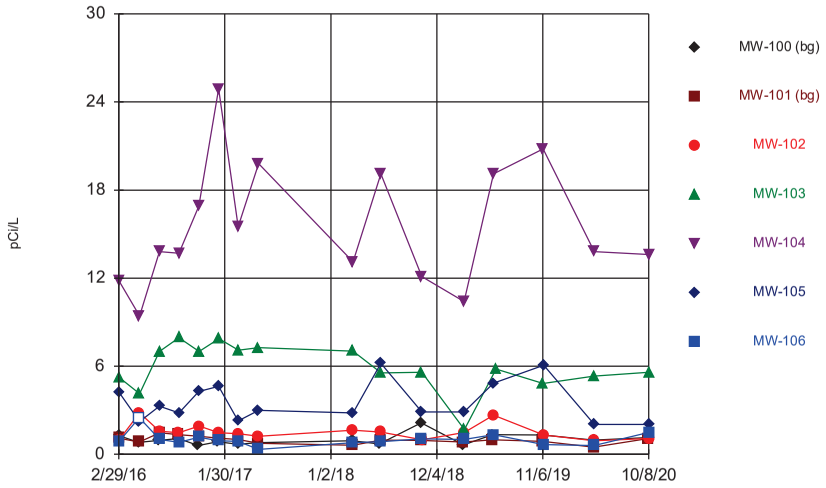
Time Series



Constituent: Cobalt Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

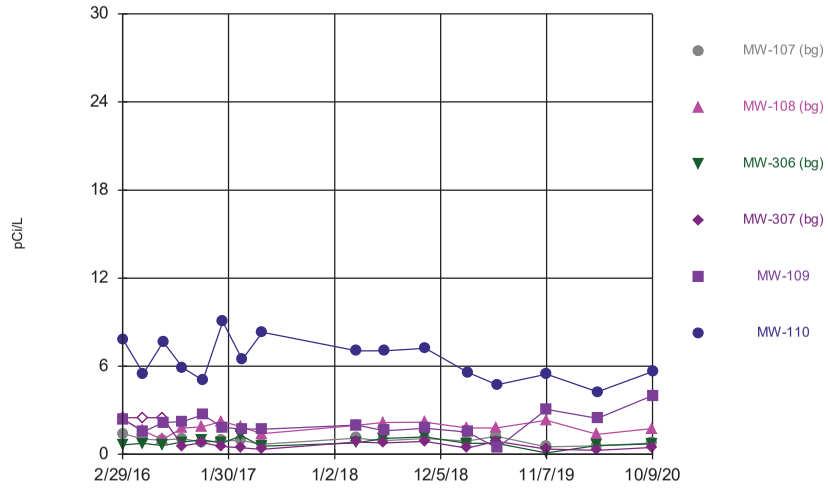
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

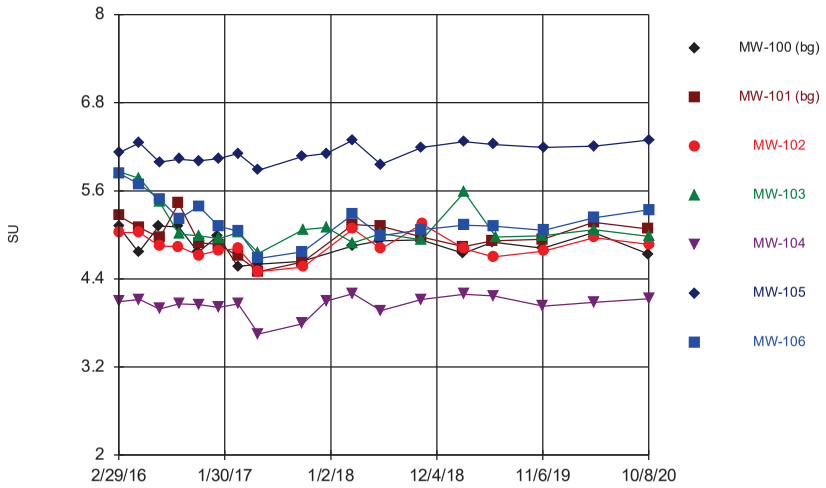
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

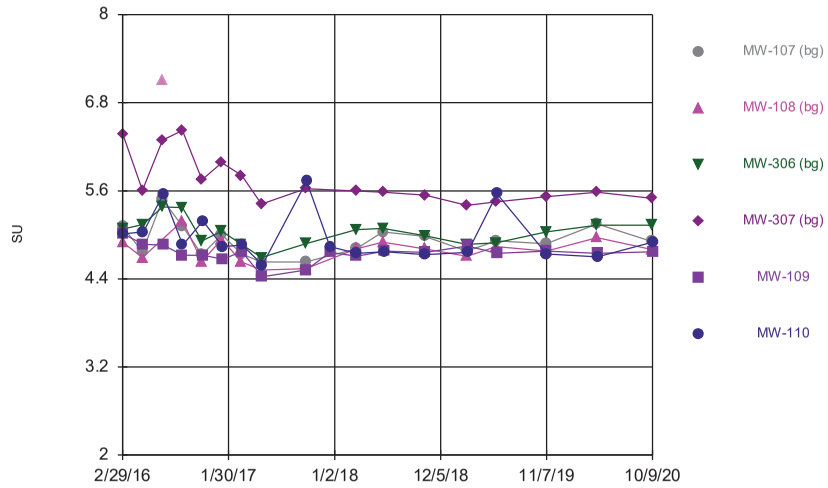
Time Series



Constituent: Field pH Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

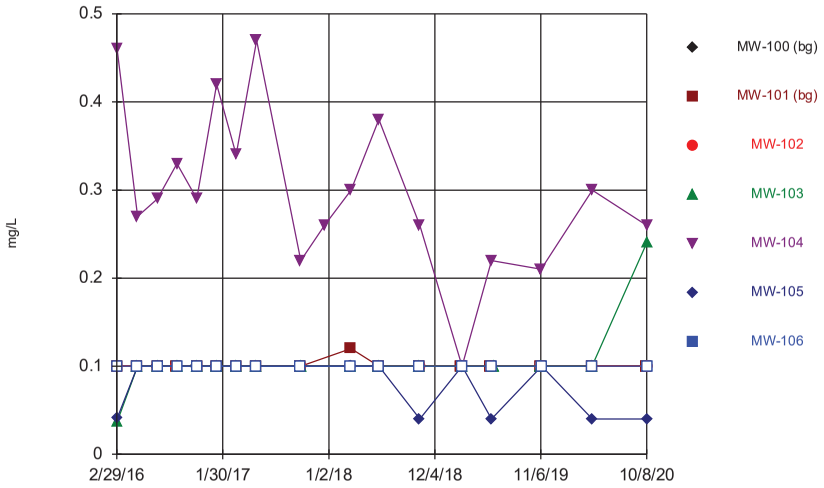
Time Series



Constituent: Field pH Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

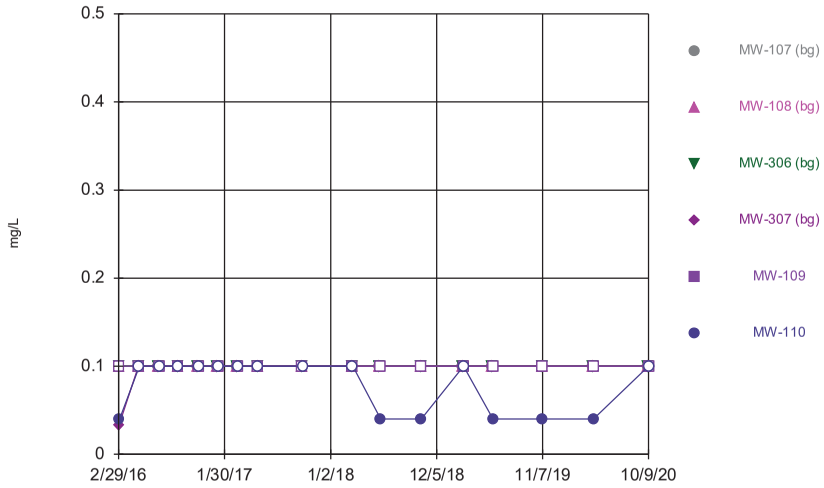
Time Series



Constituent: Fluoride Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

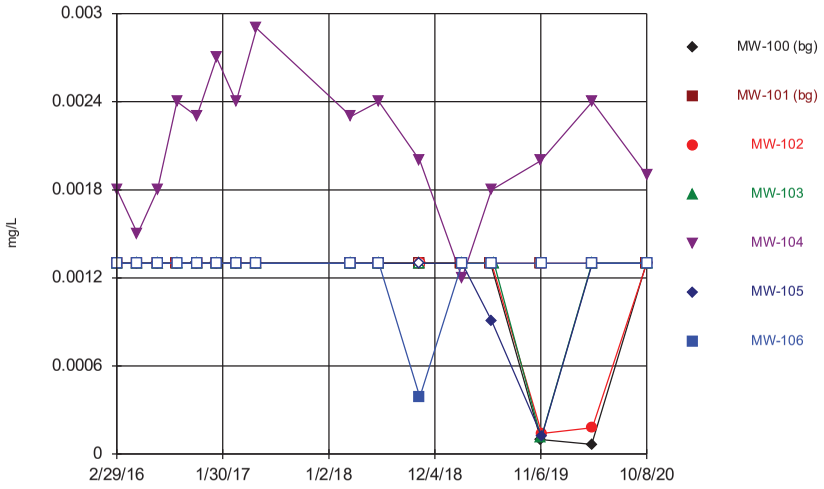
Time Series



Constituent: Fluoride Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

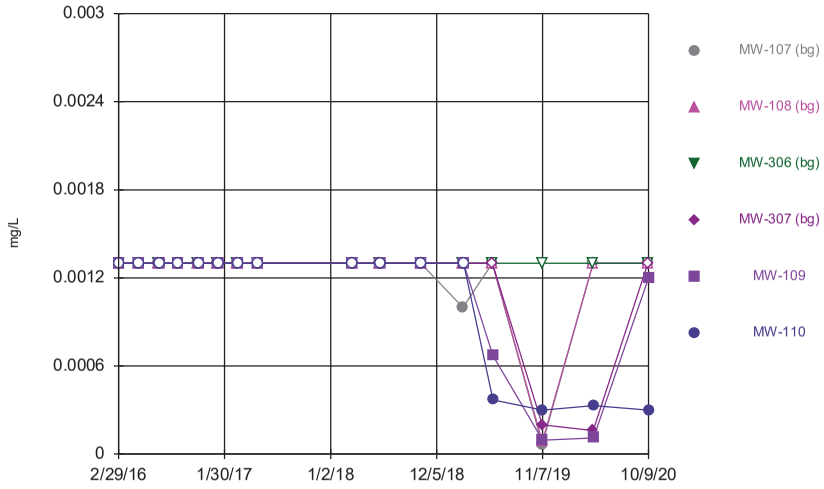
Time Series



Constituent: Lead Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

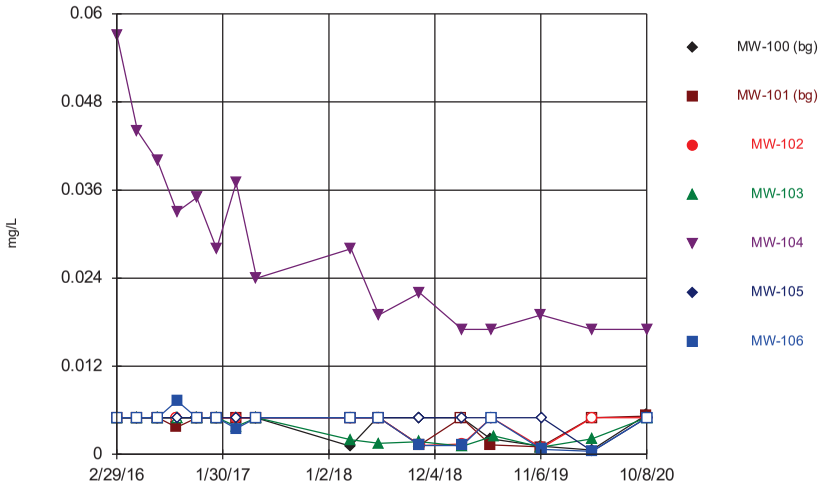
Time Series



Constituent: Lead Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

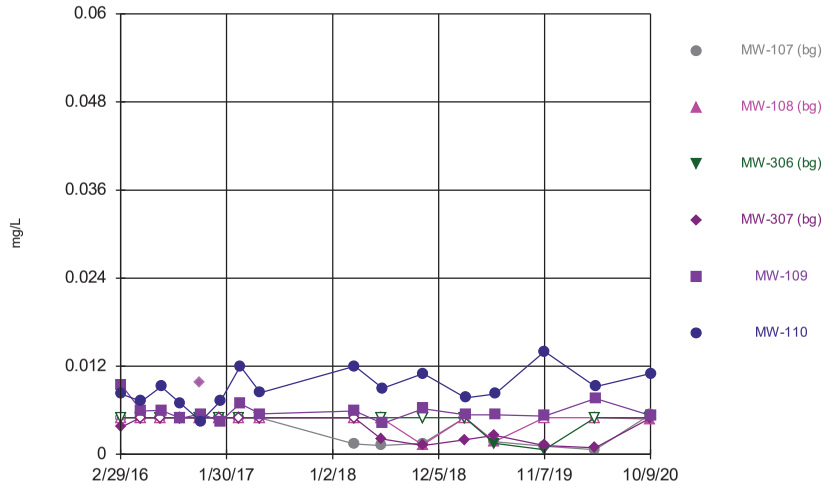
Time Series



Constituent: Lithium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

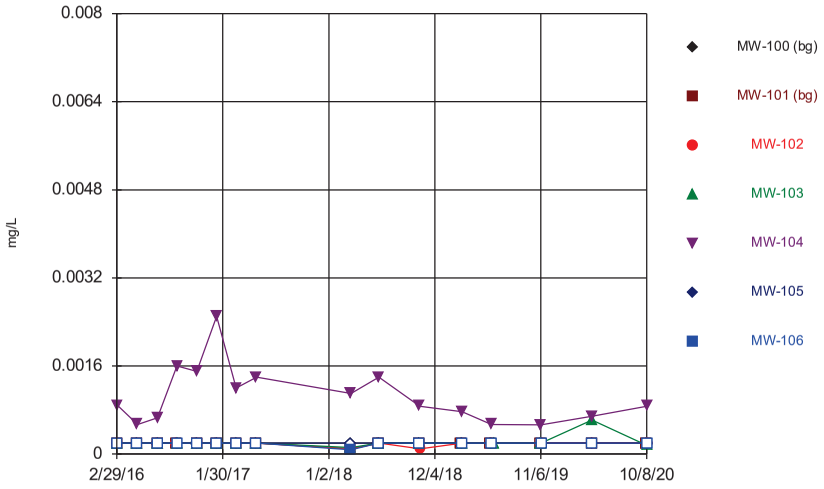
Time Series



Constituent: Lithium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

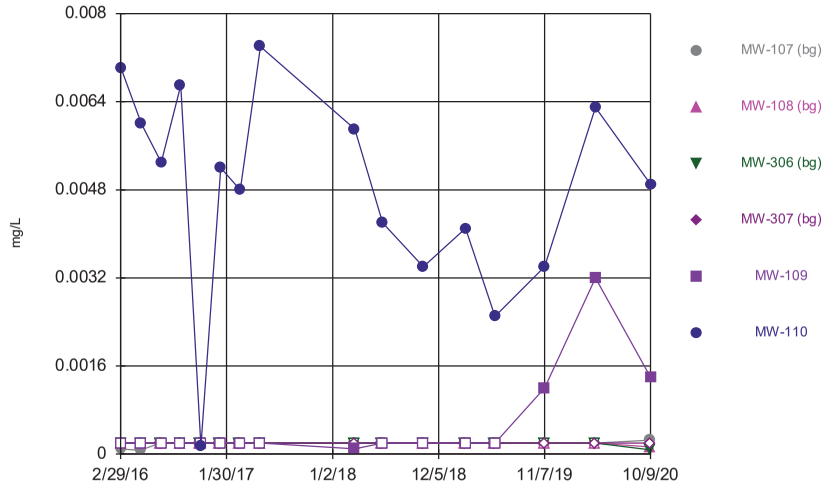
Time Series



Constituent: Mercury Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

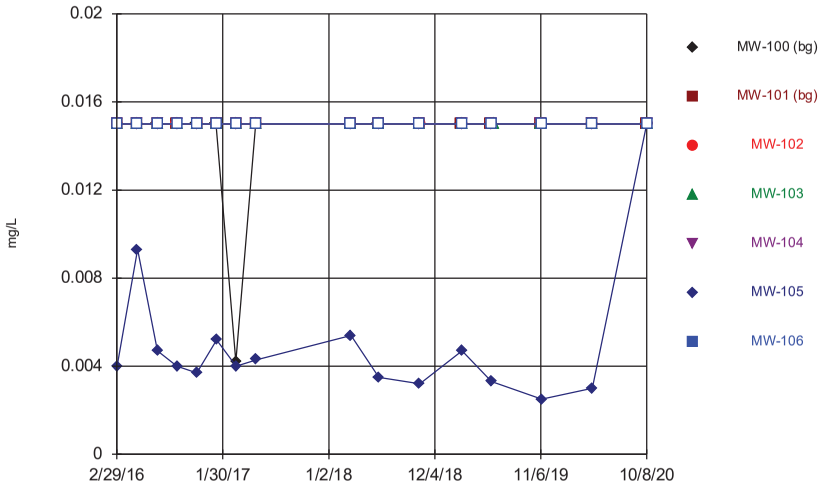
Time Series



Constituent: Mercury Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

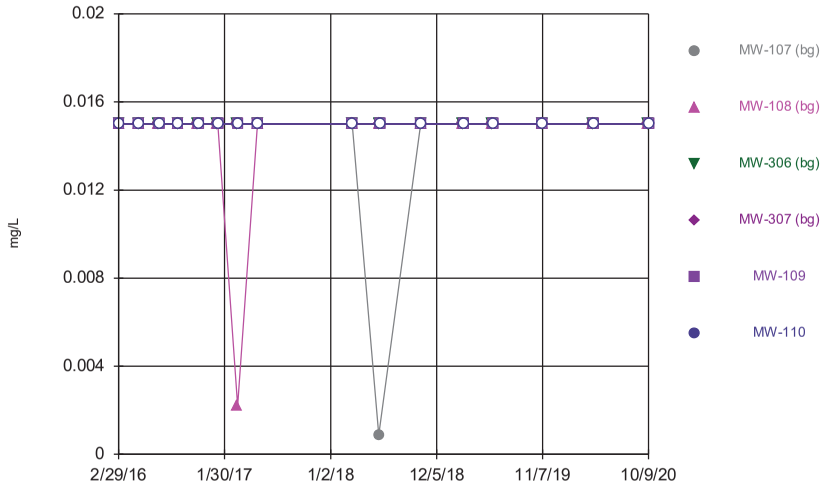
Time Series



Constituent: Molybdenum Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

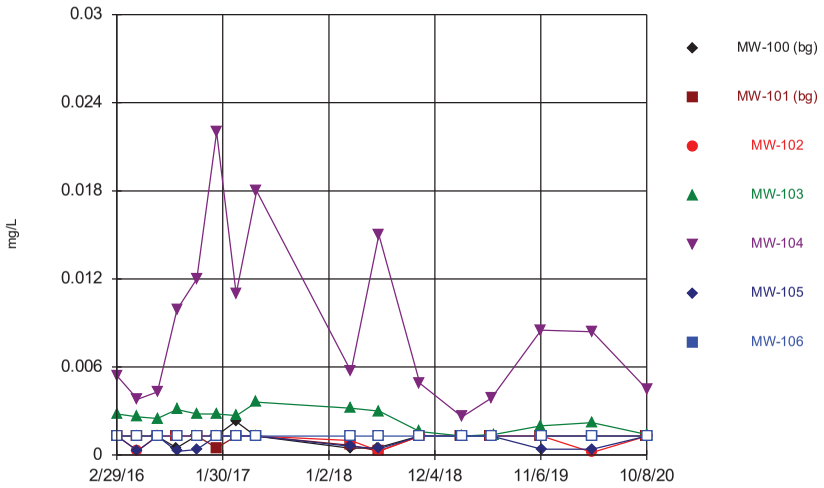
Time Series



Constituent: Molybdenum Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

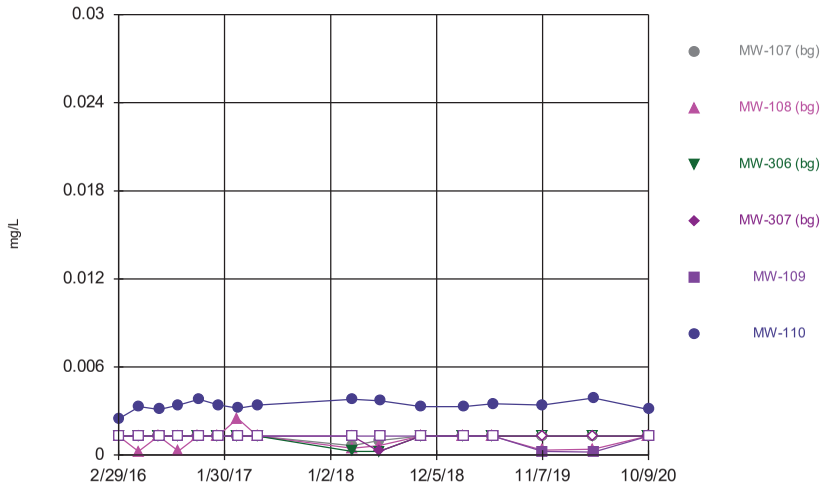
Time Series



Constituent: Selenium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

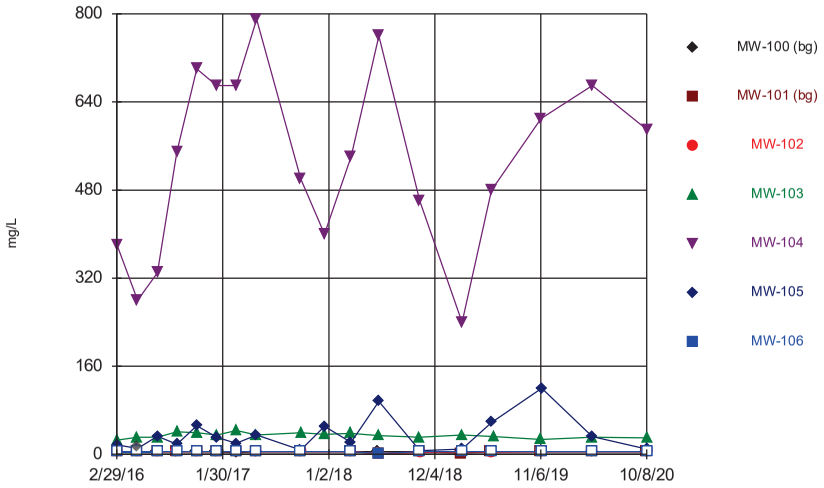
Time Series



Constituent: Selenium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

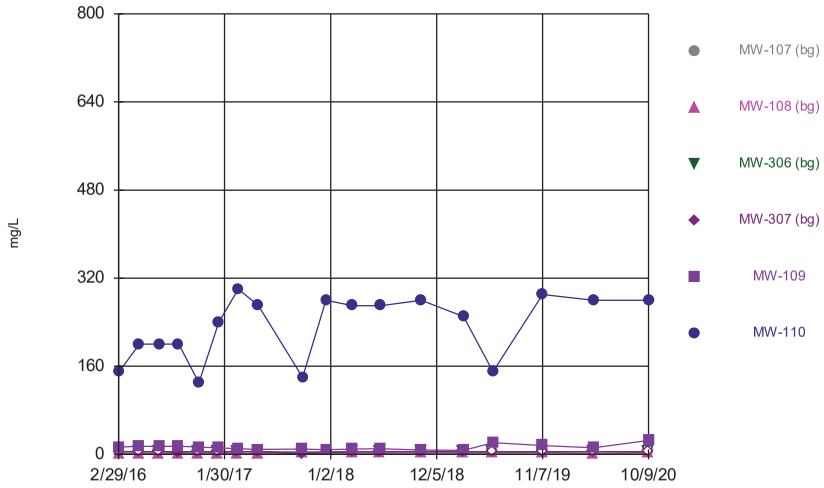
Time Series



Constituent: Sulfate Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

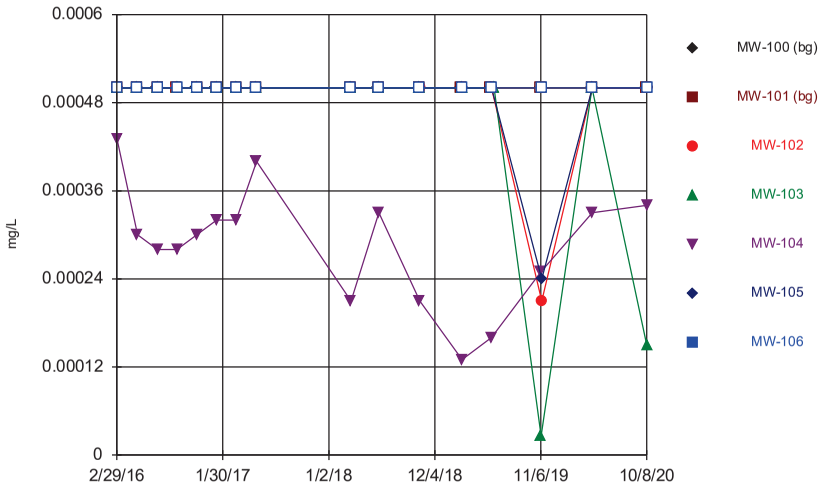
Time Series



Constituent: Sulfate Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

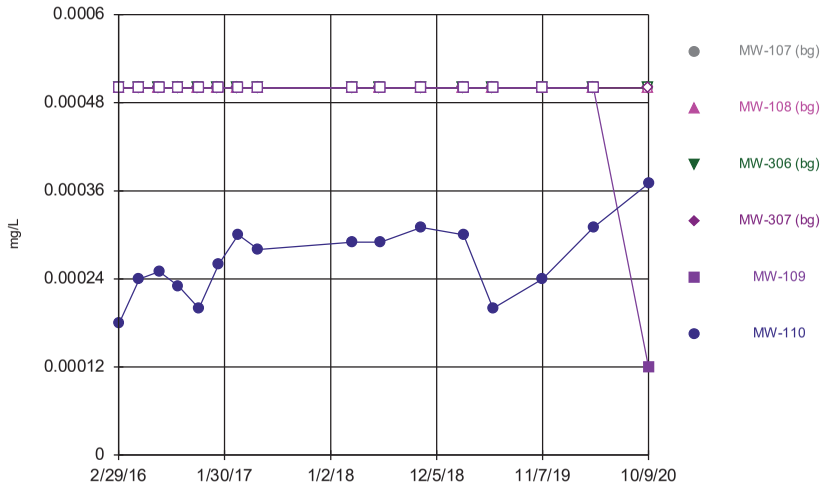
Time Series



Constituent: Thallium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

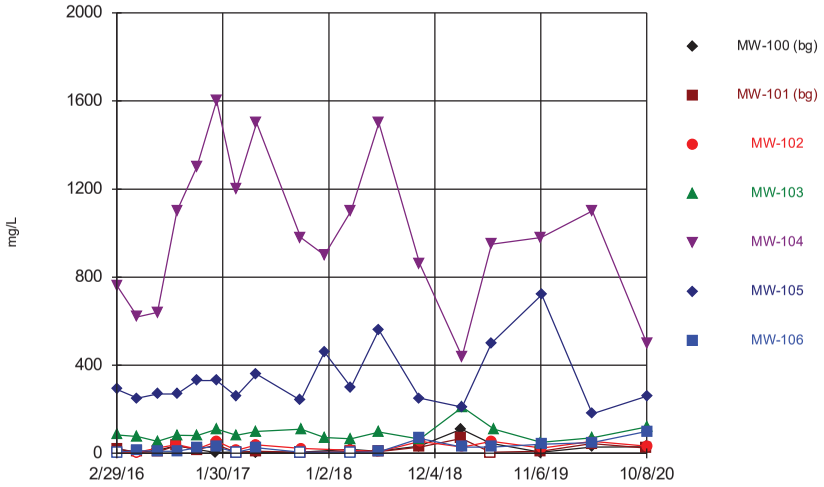
Time Series



Constituent: Thallium Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

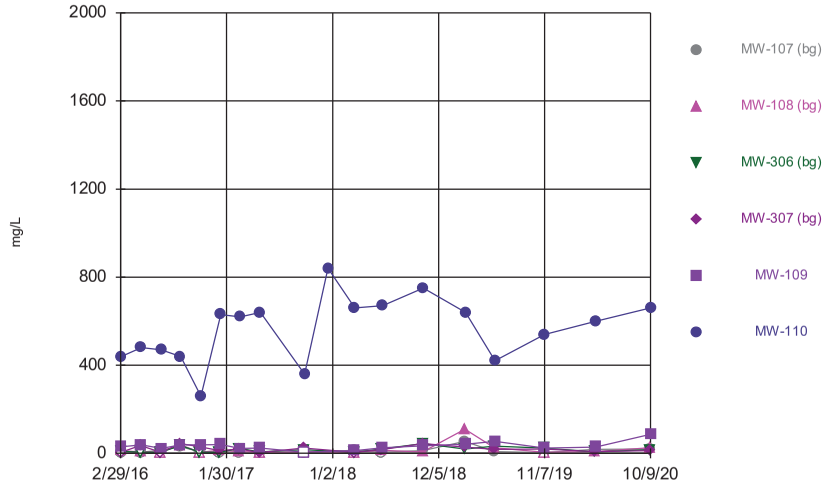
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:38 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
5/2/2016	<0.0025							<0.0025	<0.0025
5/4/2016		<0.0025					<0.0025		
5/5/2016			<0.0025	<0.0025	<0.0025	<0.0025			
7/5/2016	<0.0025							<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025	<0.0025	<0.0025			
7/8/2016		<0.0025					<0.0025		
9/6/2016	<0.0025	<0.0025	<0.0025					<0.0025	<0.0025
9/7/2016				<0.0025	<0.0025	<0.0025	<0.0025		
11/7/2016	<0.0025							<0.0025	<0.0025
11/9/2016					<0.0025	<0.0025	<0.0025		
11/10/2016		<0.0025	<0.0025	<0.0025					
1/9/2017	<0.0025							<0.0025	<0.0025
1/11/2017		<0.0025			<0.0025	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025					
3/13/2017	<0.0025							<0.0025	<0.0025
3/14/2017		<0.0025			<0.0025	<0.0025	<0.0025		
3/15/2017			<0.0025	<0.0025					
5/15/2017	<0.0025							<0.0025	<0.0025
5/18/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/12/2018	<0.0025							<0.0025	<0.0025
3/14/2018		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
6/5/2018	<0.0025							<0.0025	<0.0025
6/10/2018		<0.0025			<0.0025	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025					
10/16/2018	<0.0025							<0.0025	<0.0025
10/18/2018		<0.0025							
2/27/2019	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2019					<0.0025	<0.0025	<0.0025		
3/2/2019			<0.0025	<0.0025					
4/16/2020	<0.0025	<0.0025						<0.0025	<0.0025
4/17/2020				<0.0025			<0.0025		
4/18/2020			<0.0025		<0.0025	<0.0025			
10/7/2020	<0.0025	<0.0025						<0.0025	<0.0025
10/8/2020			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0025	<0.0025		
3/2/2016			<0.0025	<0.0025
5/2/2016		<0.0025		
5/3/2016	<0.0025			
5/5/2016			<0.0025	<0.0025
7/5/2016	<0.0025	<0.0025		
7/7/2016			<0.0025	<0.0025
9/6/2016	<0.0025	<0.0025		
9/7/2016			<0.0025	<0.0025
11/7/2016	<0.0025	<0.0025		
11/10/2016			<0.0025	<0.0025
1/9/2017	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025
3/13/2017	<0.0025	<0.0025		
3/14/2017			<0.0025	
3/15/2017				<0.0025
5/15/2017	<0.0025	<0.0025		
5/18/2017			<0.0025	<0.0025
3/12/2018	<0.0025	<0.0025		
3/14/2018			<0.0025	<0.0025
6/6/2018	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025
10/17/2018	<0.0025	<0.0025		
2/27/2019	<0.0025	<0.0025		
3/1/2019			<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025		
4/17/2020			<0.0025	<0.0025
10/7/2020	<0.0025	<0.0025		
10/9/2020			<0.0025	<0.0025

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0013	<0.0013						<0.0013	<0.0013
3/1/2016			<0.0013	<0.0013	0.0085	0.0039 (J)	<0.0013		
5/2/2016	<0.0013							<0.0013	<0.0013
5/4/2016		<0.0013					<0.0013		
5/5/2016			<0.0013	<0.0013	0.0077	0.0039			
7/5/2016	<0.0013							<0.0013	<0.0013
7/7/2016			<0.0013	<0.0013	0.0082	0.0037			
7/8/2016		<0.0013					<0.0013		
9/6/2016	<0.0013	<0.0013	<0.0013					<0.0013	<0.0013
9/7/2016				<0.0013	0.012	0.0032	<0.0013		
11/7/2016	<0.0013							<0.0013	<0.0013
11/9/2016					0.0071	0.0038	<0.0013		
11/10/2016		<0.0013	0.0005 (J)	0.00051 (J)					
1/9/2017	<0.0013							<0.0013	<0.0013
1/11/2017		<0.0013			0.0071	0.0035	<0.0013		
1/12/2017			<0.0013	<0.0013					
3/13/2017	0.00069 (J)							<0.0013	0.00069 (J)
3/14/2017		<0.0013			0.0067	0.0036	<0.0013		
3/15/2017			<0.0013	<0.0013					
5/15/2017	<0.0013							<0.0013	<0.0013
5/18/2017		<0.0013	<0.0013	<0.0013	0.0087	0.0036	<0.0013		
3/12/2018	<0.0013							<0.0013	<0.0013
3/14/2018		<0.0013	<0.0013	<0.0013	0.0027	0.0039	<0.0013		
6/5/2018	<0.0013							<0.0013	<0.0013
6/10/2018		0.00046 (J)			0.0047	0.0034	<0.0013		
6/11/2018			<0.0013	<0.0013					
10/16/2018	<0.0013							<0.0013	<0.0013
10/18/2018		<0.0013		<0.0013	0.0019	0.0044	<0.0013		
10/19/2018			<0.0013						
2/27/2019	<0.0013	<0.0013						<0.0013	<0.0013
3/1/2019					<0.0013	0.0047	<0.0013		
3/2/2019			<0.0013	<0.0013					
5/31/2019	<0.0013	<0.0013						<0.0013	<0.0013
6/3/2019			<0.0013		0.003	0.0045	<0.0013		
6/11/2019				<0.0013					
11/6/2019	0.0002 (J)	0.00019 (J)						0.0002 (J)	0.00012 (J)
11/7/2019				0.00019 (J)	8.9E-05 (J)				
11/9/2019			<0.0013			0.0045	<0.0013		
4/16/2020	<0.0013	<0.0013						<0.0013	<0.0013
4/17/2020				<0.0013			<0.0013		
4/18/2020			<0.0013		0.0014	0.0054			
10/7/2020	<0.0013	0.00056 (J)						<0.0013	<0.0013
10/8/2020			<0.0013	0.0021	0.0019	0.0046	<0.0013		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0013	0.00038 (J)		
3/2/2016			<0.0013	<0.0013
5/2/2016		0.00073 (J)		
5/3/2016	<0.0013			
5/5/2016			<0.0013	0.00061 (J)
7/5/2016	<0.0013	0.00077 (J)		
7/7/2016			<0.0013	<0.0013
9/6/2016	<0.0013	0.0013		
9/7/2016			<0.0013	<0.0013
11/7/2016	<0.0013	<0.0013		
11/10/2016			<0.0013	0.00047 (J)
1/9/2017	<0.0013	0.00053 (J)		
1/12/2017			<0.0013	<0.0013
3/13/2017	<0.0013	<0.0013		
3/14/2017			<0.0013	
3/15/2017				<0.0013
5/15/2017	<0.0013	<0.0013		
5/18/2017			<0.0013	0.00051 (J)
3/12/2018	<0.0013	<0.0013		
3/14/2018			<0.0013	0.00056 (J)
6/6/2018	<0.0013	<0.0013		
6/11/2018			<0.0013	0.0005 (J)
10/17/2018	<0.0013	<0.0013		
10/18/2018			<0.0013	<0.0013
2/27/2019	<0.0013	<0.0013		
3/1/2019			<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013		
6/3/2019			<0.0013	<0.0013
11/6/2019	0.00014 (J)	0.00024 (J)		
11/7/2019			0.00025 (V)	0.0002 (J)
4/16/2020	<0.0013	<0.0013		
4/17/2020			<0.0013	0.00012 (J)
10/7/2020	0.00064 (J)	<0.0013		
10/9/2020			<0.0013	<0.0013

Time Series

Constituent: Barium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	0.014	0.0097 (J)						0.013	0.013
3/1/2016			0.0081 (J)	0.055	0.017	0.043	0.016		
5/2/2016	0.013							0.013	0.01
5/4/2016		0.0095					0.012		
5/5/2016			0.011	0.056	0.018	0.033			
7/5/2016	0.013							0.013	0.0089
7/7/2016			0.012	0.055	0.02	0.042			
7/8/2016		0.0093					0.015		
9/6/2016	0.016	0.011	0.012					0.013	0.01
9/7/2016				0.07	0.027	0.043	0.012		
11/7/2016	0.014							0.013	0.0096
11/9/2016					0.022	0.046	0.01		
11/10/2016		0.0092	0.0099	0.061					
1/9/2017	0.015							0.012	0.011
1/11/2017		0.0092			0.03	0.042	0.01		
1/12/2017			0.0085	0.058					
3/13/2017	0.015							0.013	0.011
3/14/2017		0.0095			0.02	0.038	0.0097		
3/15/2017			0.009	0.07					
5/15/2017	0.015							0.011	0.0089
5/18/2017		0.0095	0.0095	0.068	0.027	0.051	0.01		
3/12/2018	0.017							0.013	0.01
3/14/2018		0.0089	0.0084	0.052	0.025	0.038	0.0096		
6/5/2018	0.018							0.014	0.011
6/10/2018		0.0092			0.025	0.055	0.0089		
6/11/2018			0.0089	0.053					
10/16/2018	0.017							0.011	0.011
10/18/2018		0.0089		0.052	0.021	0.035	0.0096		
10/19/2018			0.0085						
2/27/2019	0.021	0.011						0.014	0.011
3/1/2019					0.018	0.032	0.0095		
3/2/2019			0.01	0.011					
5/31/2019	0.02	0.0088						0.013	0.01
6/3/2019			0.012		0.031	0.05	0.0098		
6/11/2019				0.043					
11/6/2019	0.019	0.0094						0.012	0.0097
11/7/2019				0.04	0.02				
11/9/2019			0.011			0.06	0.011		
4/16/2020	0.02	0.0099						0.012	0.012
4/17/2020				0.05			0.012		
4/18/2020			0.012		0.021	0.045			
10/7/2020	0.02	0.0088						0.012	0.011
10/8/2020			0.0086	0.037	0.022	0.028	0.0099		

Time Series

Constituent: Barium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.012	0.015		
3/2/2016			0.022	0.058
5/2/2016		0.013		
5/3/2016	0.012			
5/5/2016			0.02	0.05
7/5/2016	0.011	0.017		
7/7/2016			0.021	0.044
9/6/2016	0.012	0.017		
9/7/2016			0.023	0.051
11/7/2016	0.012	0.023		
11/10/2016			0.019	0.046
1/9/2017	0.013	0.016		
1/12/2017			0.018	0.047
3/13/2017	0.013	0.016		
3/14/2017			0.02	
3/15/2017				0.046
5/15/2017	0.012	0.015		
5/18/2017			0.019	0.045
3/12/2018	0.013	0.015		
3/14/2018			0.017	0.036
6/6/2018	0.014	0.017		
6/11/2018			0.016	0.036
10/17/2018	0.012	0.016		
10/18/2018			0.019	0.035
2/27/2019	0.015	0.018		
3/1/2019			0.018	0.036
5/31/2019	0.014	0.016		
6/3/2019			0.017	0.04
11/6/2019	0.013	0.017		
11/7/2019			0.019	0.027
4/16/2020	0.014	0.017		
4/17/2020			0.026	0.032
10/7/2020	0.013	0.016		
10/9/2020			0.026	0.026

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2016			<0.0025	<0.0025	0.0013 (J)	<0.0025	<0.0025		
5/2/2016	<0.0025							<0.0025	<0.0025
5/4/2016		<0.0025					<0.0025		
5/5/2016			<0.0025	<0.0025	0.00088 (J)	<0.0025			
7/5/2016	<0.0025							<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025	0.001 (J)	<0.0025			
7/8/2016		<0.0025					<0.0025		
9/6/2016	<0.0025	<0.0025	<0.0025					<0.0025	<0.0025
9/7/2016				<0.0025	0.00078 (J)	<0.0025	<0.0025		
11/7/2016	<0.0025							<0.0025	<0.0025
11/9/2016					0.0012 (J)	<0.0025	<0.0025		
11/10/2016		<0.0025	<0.0025	<0.0025					
1/9/2017	<0.0025							<0.0025	<0.0025
1/11/2017		<0.0025			0.0014 (J)	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025					
3/13/2017	<0.0025							<0.0025	<0.0025
3/14/2017		<0.0025			0.0013 (J)	<0.0025	<0.0025		
3/15/2017			<0.0025	<0.0025					
5/15/2017	<0.0025							<0.0025	<0.0025
5/18/2017		<0.0025	<0.0025	<0.0025	0.0016 (J)	<0.0025	<0.0025		
3/12/2018	<0.0025							<0.0025	<0.0025
3/14/2018		<0.0025	<0.0025	<0.0025	0.0011 (J)	<0.0025	<0.0025		
6/5/2018	<0.0025							<0.0025	<0.0025
6/10/2018		<0.0025			0.0011 (J)	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025					
10/16/2018	<0.0025							<0.0025	<0.0025
10/18/2018		<0.0025		<0.0025	0.00084 (J)	<0.0025	<0.0025		
10/19/2018			<0.0025						
2/27/2019	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2019					0.00057 (J)	<0.0025	<0.0025		
3/2/2019			<0.0025	<0.0025					
5/31/2019	<0.0025	<0.0025						<0.0025	<0.0025
6/3/2019			<0.0025		0.00074 (J)	<0.0025	<0.0025		
6/11/2019				<0.0025					
11/6/2019	9E-05 (J)	4.7E-05 (J)						6.6E-05 (J)	<0.0025
11/7/2019				<0.0025	0.00065				
11/9/2019			<0.0025			<0.0025	<0.0025		
4/16/2020	5.4E-05 (J)	4.3E-05 (J)						6.1E-05 (J)	<0.0025
4/17/2020				<0.0025			<0.0025		
4/18/2020			0.00011 (J)		0.00096	<0.0025			
10/7/2020	0.0014 (J)	0.0014 (J)						0.0015 (J)	0.0015 (J)
10/8/2020			<0.0025	<0.0025	0.00039 (J)	<0.0025	<0.0025		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0025	<0.0025		
3/2/2016			<0.0025	<0.0025
5/2/2016		<0.0025		
5/3/2016	<0.0025			
5/5/2016			<0.0025	<0.0025
7/5/2016	<0.0025	<0.0025		
7/7/2016			<0.0025	<0.0025
9/6/2016	<0.0025	<0.0025		
9/7/2016			<0.0025	<0.0025
11/7/2016	<0.0025	<0.0025		
11/10/2016			<0.0025	<0.0025
1/9/2017	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025
3/13/2017	<0.0025	<0.0025		
3/14/2017			<0.0025	
3/15/2017				<0.0025
5/15/2017	<0.0025	<0.0025		
5/18/2017			<0.0025	<0.0025
3/12/2018	<0.0025	<0.0025		
3/14/2018			<0.0025	<0.0025
6/6/2018	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025
10/17/2018	<0.0025	<0.0025		
10/18/2018			<0.0025	<0.0025
2/27/2019	<0.0025	<0.0025		
3/1/2019			<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025		
6/3/2019			<0.0025	<0.0025
11/6/2019	<0.0025	<0.0025		
11/7/2019			<0.0025	8.4E-05 (J)
4/16/2020	<0.0025	<0.0025		
4/17/2020			4.4E-05 (J)	0.00013 (J)
10/7/2020	0.0014 (J)	0.0014 (J)		
10/9/2020			<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.05	<0.05						<0.05	<0.05
3/1/2016			<0.05	<0.05 (*)	8.7	<0.05 (*)	<0.05		
5/2/2016	<0.05							<0.05	<0.05
5/4/2016		<0.05					<0.05 (*)		
5/5/2016			<0.05	<0.05 (*)	7.8	<0.05 (*)			
7/5/2016	<0.05							<0.05	<0.05
7/7/2016			<0.05	0.33	7	1			
7/8/2016		<0.05					<0.05		
9/6/2016	<0.05	<0.05	<0.05					<0.05	<0.05
9/7/2016				0.37	12	0.53	0.022 (J)		
11/7/2016	<0.05							<0.05	<0.05
11/9/2016					9.6	1.6	<0.05		
11/10/2016		<0.05	<0.05	0.43					
1/9/2017	<0.05							<0.05	<0.05
1/11/2017		<0.05			11	0.9	<0.05		
1/12/2017			<0.05	0.44					
3/13/2017	<0.05							<0.05	0.022 (J)
3/14/2017		<0.05			10	0.63	0.071		
3/15/2017			<0.05	0.46					
5/15/2017	<0.05							<0.05	<0.05
5/18/2017		<0.05	<0.05	0.44	15	1.5	<0.05 (*)		
10/2/2017	<0.05							<0.05	0.023 (J)
10/5/2017		<0.05			12	0.32	<0.05		
10/6/2017			<0.05	0.37					
12/19/2017				0.35 (R)	11 (R)	1.6 (R)			
3/12/2018	<0.05							<0.05	<0.05
3/14/2018		<0.05	<0.05	0.32	11	0.7	<0.05		
6/5/2018	<0.05							<0.05	<0.05
6/10/2018		<0.05			12	2.4	0.066		
6/11/2018			<0.05	0.26					
10/16/2018	<0.05							<0.05	<0.05
10/18/2018		0.081		0.25	9.6	0.43	0.067		
10/19/2018			0.34						
2/27/2019	<0.05	<0.05						<0.05	<0.05
3/1/2019					6.5	0.4	0.048 (J)		
3/2/2019			<0.05	<0.05					
5/31/2019	<0.05	<0.05						<0.05	<0.05
6/3/2019			0.17		11	1.7	<0.05		
6/11/2019				0.39					
11/6/2019	0.017 (V)	0.016 (V)						0.016 (V)	0.022 (V)
11/7/2019				0.19	11				
11/9/2019			0.023 (J)			1.8	0.097 (V)		
4/16/2020	0.02	0.013						0.013	0.017
4/17/2020				0.31			0.07		
4/18/2020			0.012		11	1.7			
10/7/2020	<0.05	<0.05						<0.05	<0.05
10/8/2020			0.033 (J)	0.31	12	0.37	0.031 (J)		

Time Series

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.05	<0.05		
3/2/2016			<0.05 (*)	3
5/2/2016		<0.05		
5/3/2016	<0.05			
5/5/2016			<0.05 (*)	2.9
7/5/2016	<0.05	<0.05		
7/7/2016			0.1	3
9/6/2016	<0.05	<0.05		
9/7/2016			0.073	3.8
11/7/2016	<0.05	<0.05		
11/10/2016			0.073	2.1
1/9/2017	<0.05	<0.05		
1/12/2017			0.059	4
3/13/2017	<0.05	<0.05		
3/14/2017			0.044 (J)	
3/15/2017				4.2
5/15/2017	<0.05	<0.05		
5/18/2017			<0.05 (*)	4.4
10/2/2017	<0.05	<0.05		
10/5/2017			0.047 (J)	
10/6/2017				2.3
12/19/2017				5.3 (R)
3/12/2018	<0.05	<0.05		
3/14/2018			<0.05	4.6
6/6/2018	<0.05	<0.05		
6/11/2018			0.11	4.2
10/17/2018	<0.05	<0.05		
10/18/2018			0.15	4.3
2/27/2019	<0.05	<0.05		
3/1/2019			0.23	3.8
5/31/2019	<0.05	<0.05		
6/3/2019			0.45	3
11/6/2019	0.011 (V)	0.0099 (J)		
11/7/2019			0.42	4.2
4/16/2020	0.0075 (J)	0.0055 (J)		
4/17/2020			0.83	4.6
10/7/2020	<0.05	<0.05		
10/9/2020			0.37	4.8

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
5/2/2016	<0.0025							<0.0025	<0.0025
5/4/2016		<0.0025					<0.0025		
5/5/2016			<0.0025	<0.0025	<0.0025	<0.0025			
7/5/2016	<0.0025							<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025	<0.0025	<0.0025			
7/8/2016		<0.0025					<0.0025		
9/6/2016	<0.0025	<0.0025	<0.0025					<0.0025	<0.0025
9/7/2016				<0.0025	<0.0025	<0.0025	<0.0025		
11/7/2016	<0.0025							<0.0025	<0.0025
11/9/2016					<0.0025	<0.0025	<0.0025		
11/10/2016		<0.0025	<0.0025	<0.0025					
1/9/2017	<0.0025							<0.0025	<0.0025
1/11/2017		<0.0025			0.00049 (J)	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025					
3/13/2017	<0.0025							<0.0025	<0.0025
3/14/2017		<0.0025			<0.0025	<0.0025	<0.0025		
3/15/2017			<0.0025	<0.0025					
5/15/2017	<0.0025							<0.0025	<0.0025
5/18/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/12/2018	<0.0025							<0.0025	<0.0025
3/14/2018		<0.0025	<0.0025	<0.0025	0.00052 (J)	<0.0025	<0.0025		
6/5/2018	<0.0025							<0.0025	<0.0025
6/10/2018		<0.0025			0.00049 (J)	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025					
10/16/2018	<0.0025							<0.0025	<0.0025
10/18/2018		<0.0025		<0.0025	0.00044 (J)	<0.0025	<0.0025		
10/19/2018			<0.0025						
2/27/2019	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2019					0.00038 (J)	<0.0025	<0.0025		
3/2/2019			<0.0025	<0.0025					
5/31/2019	<0.0025	<0.0025						<0.0025	<0.0025
6/3/2019			<0.0025		0.0006 (J)	<0.0025	<0.0025		
6/11/2019				<0.0025					
11/6/2019	<0.0025	<0.0025						<0.0025	<0.0025
11/7/2019				<0.0025	0.00075				
11/9/2019			<0.0025			<0.0025	<0.0025		
4/16/2020	<0.0025	<0.0025						<0.0025	<0.0025
4/17/2020				<0.0025			<0.0025		
4/18/2020			<0.0025		0.00037 (J)	<0.0025			
10/7/2020	<0.0025	<0.0025						<0.0025	<0.0025
10/8/2020			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0025	<0.0025		
3/2/2016			<0.0025	<0.0025
5/2/2016		<0.0025		
5/3/2016	<0.0025			
5/5/2016			<0.0025	<0.0025
7/5/2016	<0.0025	<0.0025		
7/7/2016			<0.0025	<0.0025
9/6/2016	<0.0025	<0.0025		
9/7/2016			<0.0025	<0.0025
11/7/2016	<0.0025	<0.0025		
11/10/2016			<0.0025	<0.0025
1/9/2017	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025
3/13/2017	<0.0025	<0.0025		
3/14/2017			<0.0025	
3/15/2017				<0.0025
5/15/2017	<0.0025	<0.0025		
5/18/2017			<0.0025	<0.0025
3/12/2018	<0.0025	<0.0025		
3/14/2018			<0.0025	<0.0025
6/6/2018	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025
10/17/2018	<0.0025	<0.0025		
10/18/2018			<0.0025	<0.0025
2/27/2019	<0.0025	<0.0025		
3/1/2019			<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025		
6/3/2019			<0.0025	<0.0025
11/6/2019	<0.0025	<0.0025		
11/7/2019			7.8E-05 (J)	0.00032 (J)
4/16/2020	<0.0025	<0.0025		
4/17/2020			<0.0025	0.00011 (J)
10/7/2020	<0.0025	<0.0025		
10/9/2020			<0.0025	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	1	1 (J)						0.67	1.4
3/1/2016			0.99 (J)	5.6	46	63	1.8		
5/2/2016	0.78							0.58	1.1
5/4/2016		0.62					1.1		
5/5/2016			1.2	5.4	37	58			
7/5/2016	0.65							0.43	0.94
7/7/2016			1.1	3.9	38	55			
7/8/2016		0.4					0.82		
9/6/2016	0.7	0.45	1					0.48	1
9/7/2016				4.2	55	59	0.57		
11/7/2016	0.8							0.56	1.2
11/9/2016					52	61	0.62		
11/10/2016		0.44	0.73	3.5					
1/9/2017	0.74							0.43	1.2
1/11/2017		0.42			56	66	0.44		
1/12/2017			0.63	3.3					
3/13/2017	0.78							0.48	1.3
3/14/2017		0.42			55	63	0.46		
3/15/2017			0.72	4.1					
5/15/2017	0.76							0.37	1
5/18/2017		0.38	0.71	3.9	61	68	0.41		
10/2/2017	0.78							0.47	1.2
10/5/2017		0.39			55	58	0.39		
10/6/2017			0.56	4.3					
12/19/2017				3.7 (R)	47 (R)	69 (R)			
3/12/2018	0.88							0.49	1.4
3/14/2018		0.49	0.63	3.9	55	62	0.47		
6/5/2018	0.9							0.49	1.2
6/10/2018		0.39			67	86	0.39		
6/11/2018			0.55	3.5					
10/16/2018	0.86							0.42	1.4
10/18/2018		0.41		3.1	52	63	0.47		
10/19/2018			0.37						
2/27/2019	0.96	0.44						0.56	1.3
3/1/2019					28	51	0.46		
3/2/2019			0.57	0.56					
5/31/2019	0.76	0.28						0.33	1.1
6/3/2019			2		49	65	0.38		
6/11/2019				3.5					
11/6/2019	0.88	0.46						0.49	1.2
11/7/2019				3.4	62				
11/9/2019			0.61 (V)			84	0.56 (V)		
4/16/2020	0.84	0.38						0.36	1.3
4/17/2020				3.5			0.42		
4/18/2020			0.45		62	58			
10/7/2020	0.93	0.47						0.43	1.6
10/8/2020			0.67	3.7	59	50	0.51		

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.6	1.5		
3/2/2016			2	23
5/2/2016		0.83		
5/3/2016	0.55			
5/5/2016			2.6	21
7/5/2016	0.53	1.6		
7/7/2016			2.9	20
9/6/2016	0.5	1.6		
9/7/2016			3.1	20
11/7/2016	0.68	1.5		
11/10/2016			2.7	8.7
1/9/2017	0.56	0.98		
1/12/2017			2.9	27
3/13/2017	0.62	0.75		
3/14/2017			3.1	
3/15/2017				32
5/15/2017	0.58	0.83		
5/18/2017			3	30
10/2/2017	0.62	0.83		
10/5/2017			3.7	
10/6/2017				15
12/19/2017			3.1 (R)	41 (R)
3/12/2018	0.59	0.71		
3/14/2018			3.1	35
6/6/2018	0.59	0.68		
6/11/2018			2.6	30
10/17/2018	0.54	0.66		
10/18/2018			2.8	38
2/27/2019	0.63	0.7		
3/1/2019			3.1	28
5/31/2019	0.45	0.52		
6/3/2019			3.9	13
11/6/2019	0.55	0.74		
11/7/2019			4.3	32
4/16/2020	0.53	0.59		
4/17/2020			5.2	29
10/7/2020	0.63	0.67		
10/9/2020			5.9	31

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	5.3	5.4						8.1	7.4
3/1/2016			4.8	6.6	90	36	4.4		
5/2/2016	4.4							6	6.3
5/4/2016		4.5					3		
5/5/2016			5.6	6.5	63	34			
7/5/2016	4.2							5.2	4.8
7/7/2016			5	7.3	75	34			
7/8/2016		4.9					3.5		
9/6/2016	4.3	4.3	4.8					5.5	6
9/7/2016				7.4	140	33	3.3		
11/7/2016	4.2							5.4	5.7
11/9/2016					180	38	3.9		
11/10/2016		4.5	4.7	8.4					
1/9/2017	5.3							6.1	6.8
1/11/2017		5.3			200	34	4.1		
1/12/2017			5.6	9.2					
3/13/2017	5.2							5.5	6.8
3/14/2017		5.5			150	35	4		
3/15/2017			5.9	9.5					
5/15/2017	4.8							4.7	6.1
5/18/2017		5	5.7	9.9	190	60	4		
10/2/2017	5.5							6.1	6
10/5/2017		5.6			120	33	4.5		
10/6/2017			6	10					
12/19/2017				9.3 (R)	84 (R)	120 (R)			
3/12/2018	5.3							6.1	5.9
3/14/2018		5.2	5.2	7.7	160	45	3.7		
6/5/2018	5.3							5.5	6.5
6/10/2018		5.2			190	140	3.6		
6/11/2018			4.9	8					
10/16/2018	5.5							5.1	5.9
10/18/2018		5.2		12	100	32	5		
10/19/2018			6.7						
2/27/2019	4.6	5.1						5	4.3
3/1/2019					42	30	1.7 (J)		
3/2/2019			4.4	8.5					
5/31/2019	5.1	5						5.4	4.5
6/3/2019			13		110	86	3.3		
6/11/2019				17					
11/6/2019	5.8	6						6.1	5.7
11/7/2019				15	120				
11/9/2019			6.1			200	4.7		
4/16/2020	6.1	5.8						5.3	5.6
4/17/2020				20			4.8		
4/18/2020			6.3		130	73			
10/7/2020	6.6	5.9						5.7	5.1
10/8/2020			6.4	18	95	26	5		

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	5.6	4		
3/2/2016			5	87
5/2/2016		3.6		
5/3/2016	5.1			
5/5/2016			6.8	87
7/5/2016	4.7	3.6		
7/7/2016			6.7	83
9/6/2016	4.4	4		
9/7/2016			4.8	80
11/7/2016	4.6	4.4		
11/10/2016			4.2	35
1/9/2017	5.3	4.4		
1/12/2017			4.4	130
3/13/2017	5.6	4.1		
3/14/2017			4.4	
3/15/2017				150
5/15/2017	5.2	3.7		
5/18/2017			5	140
10/2/2017	5.5	4.8		
10/5/2017			5.8	
10/6/2017				62
12/19/2017				180 (R)
3/12/2018	5.6	4		
3/14/2018			6.9	140
6/6/2018	5.6	4.1		
6/11/2018			6	140
10/17/2018	5.5	3.7		
10/18/2018			7.5	160
2/27/2019	5.1	4		
3/1/2019			7.2	140
5/31/2019	5.4	3.7		
6/3/2019			8.5	79
11/6/2019	5.9	4.7		
11/7/2019			18	120
4/16/2020	6.2	4.9		
4/17/2020			29	120
10/7/2020	6.1	4.7		
10/9/2020			22	100

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2016			<0.0025	<0.0025	<0.0025	0.0023 (J)	<0.0025		
5/2/2016	0.0029							0.0019 (J)	0.0034
5/4/2016		<0.0025					<0.0025		
5/5/2016			<0.0025	<0.0025	0.0014 (J)	<0.0025			
7/5/2016	<0.0025							0.0051	0.0059
7/7/2016			<0.0025	<0.0025	0.0014 (J)	0.002 (J)			
7/8/2016		<0.0025					<0.0025		
9/6/2016	<0.0025	<0.0025	<0.0025					<0.0025	<0.0025
9/7/2016				<0.0025	0.0019 (J)	0.0029	<0.0025		
11/7/2016	<0.0025							<0.0025	<0.0025
11/9/2016					0.0023 (J)	0.0025	<0.0025		
11/10/2016		<0.0025	<0.0025	<0.0025					
1/9/2017	<0.0025							0.017 (o)	<0.0025
1/11/2017		<0.0025			0.0024 (J)	0.002 (J)	<0.0025		
1/12/2017			<0.0025	<0.0025					
3/13/2017	<0.0025							<0.0025	<0.0025
3/14/2017		<0.0025			0.0023 (J)	0.0025	<0.0025		
3/15/2017			<0.0025	<0.0025					
5/15/2017	<0.0025							<0.0025	<0.0025
5/18/2017		<0.0025	<0.0025	<0.0025	0.0023 (J)	0.002 (J)	<0.0025		
3/12/2018	<0.0025							<0.0025	<0.0025
3/14/2018		<0.0025	<0.0025	<0.0025	0.0023 (J)	0.0022 (J)	<0.0025		
6/5/2018	<0.0025							<0.0025	<0.0025
6/10/2018		<0.0025			0.0022 (J)	0.002 (J)	<0.0025		
6/11/2018			<0.0025	<0.0025					
10/16/2018	<0.0025							<0.0025	<0.0025
10/18/2018		<0.0025		<0.0025	0.0016 (J)	0.0029	<0.0025		
10/19/2018			<0.0025						
2/27/2019	<0.0025	<0.0025						<0.0025	<0.0025
3/1/2019					<0.0025	0.0026	<0.0025		
3/2/2019			0.0028	0.0052					
5/31/2019	<0.0025	<0.0025						<0.0025	<0.0025
6/3/2019			<0.0025		0.0015 (J)	0.0022 (J)	<0.0025		
6/11/2019				0.0011 (J)					
11/6/2019	<0.0025	<0.0025						<0.0025	<0.0025
11/7/2019				0.00028 (J)	<0.0025				
11/9/2019			0.00037 (J)			0.0022 (J)	<0.0025		
4/16/2020	<0.0025	<0.0025						<0.0025	<0.0025
4/17/2020				0.00026 (J)			<0.0025		
4/18/2020			<0.0025		0.0016	0.0029			
10/7/2020	<0.0025	0.0046						0.001 (J)	0.0015 (J)
10/8/2020			<0.0025	<0.0025	0.0031	0.0028	0.0019 (J)		

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0025	0.00056 (J)		
3/2/2016			<0.0025	<0.0025
5/2/2016		0.0021 (J)		
5/3/2016	0.0012 (J)			
5/5/2016			<0.0025	<0.0025
7/5/2016	<0.0025	<0.0025		
7/7/2016			<0.0025	<0.0025
9/6/2016	<0.0025	<0.0025		
9/7/2016			<0.0025	<0.0025
11/7/2016	<0.0025	<0.0025		
11/10/2016			<0.0025	<0.0025
1/9/2017	<0.0025	<0.0025		
1/12/2017			<0.0025	<0.0025
3/13/2017	<0.0025	<0.0025		
3/14/2017			<0.0025	
3/15/2017				<0.0025
5/15/2017	<0.0025	<0.0025		
5/18/2017			<0.0025	<0.0025
3/12/2018	<0.0025	<0.0025		
3/14/2018			<0.0025	<0.0025
6/6/2018	<0.0025	<0.0025		
6/11/2018			<0.0025	<0.0025
10/17/2018	<0.0025	<0.0025		
10/18/2018			<0.0025	<0.0025
2/27/2019	<0.0025	<0.0025		
3/1/2019			<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025		
6/3/2019			<0.0025	<0.0025
11/6/2019	<0.0025	<0.0025		
11/7/2019			<0.0025	0.00042 (J)
4/16/2020	<0.0025	<0.0025		
4/17/2020			<0.0025	0.0004 (J)
10/7/2020	0.0033	0.0017 (J)		
10/9/2020			<0.0025	0.0016 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	0.00039 (J)	<0.0025						0.00064 (J)	0.00023 (J)
3/1/2016			<0.0025	0.001 (J)	0.017	<0.0025	0.0007 (J)		
5/2/2016	0.0013 (J)							0.0014 (J)	0.00092 (J)
5/4/2016		<0.0025					0.001 (J)		
5/5/2016			<0.0025	0.00064 (J)	0.012	<0.0025			
7/5/2016	0.00049 (J)							0.0027	0.0032
7/7/2016			<0.0025	<0.0025	0.012	<0.0025			
7/8/2016		<0.0025					0.00057 (J)		
9/6/2016	0.00062 (J)	0.00042 (J)	<0.0025					0.00062 (J)	<0.0025
9/7/2016				0.00044 (J)	0.018	<0.0025	0.00061 (J)		
11/7/2016	0.00049 (J)							0.00058 (J)	<0.0025
11/9/2016					0.022	<0.0025	0.00055 (J)		
11/10/2016		<0.0025	<0.0025	<0.0025					
1/9/2017	0.00045 (J)							0.00059 (J)	<0.0025
1/11/2017		<0.0025			0.025	<0.0025	0.00045 (J)		
1/12/2017			<0.0025	<0.0025					
3/13/2017	0.00048 (J)							0.0005 (J)	<0.0025
3/14/2017		<0.0025			0.019	<0.0025	0.00059 (J)		
3/15/2017			<0.0025	<0.0025					
5/15/2017	0.00052 (J)							0.00046 (J)	<0.0025
5/18/2017		<0.0025	<0.0025	<0.0025	0.023	<0.0025	0.00059 (J)		
3/12/2018	0.00055 (J)							0.00055 (J)	<0.0025
3/14/2018		<0.0025	<0.0025	<0.0025	0.014	<0.0025	0.00044 (J)		
6/5/2018	0.00051 (J)							0.00052 (J)	<0.0025
6/10/2018		<0.0025			0.029	<0.0025	0.0004 (J)		
6/11/2018			<0.0025	<0.0025					
10/16/2018	0.00058 (J)							0.00045 (J)	<0.0025
10/18/2018		<0.0025		<0.0025	0.016	<0.0025	<0.0025		
10/19/2018			<0.0025						
2/27/2019	0.00065 (J)	<0.0025						0.00056 (J)	<0.0025
3/1/2019					0.009	<0.0025	<0.0025		
3/2/2019			<0.0025	0.00041 (J)					
5/31/2019	0.00046 (J)	<0.0025						<0.0025	<0.0025
6/3/2019			<0.0025		0.015	<0.0025	<0.0025		
6/11/2019				<0.0025					
11/6/2019	0.00056 (J)	0.00033 (J)						0.00048 (J)	0.00019 (J)
11/7/2019				0.00015 (J)	0.022				
11/9/2019			0.00016 (J)			0.00087 (J)	0.00036 (J)		
4/16/2020	0.00058	0.00035 (J)						0.00043 (J)	0.00021 (J)
4/17/2020				0.00021 (J)			0.00036 (J)		
4/18/2020			0.00023 (J)		0.013	0.00037 (J)			
10/7/2020	0.0006 (J)	<0.0025						<0.0025	<0.0025
10/8/2020			<0.0025	<0.0025	0.017	<0.0025	<0.0025		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.00064 (J)	0.00071 (J)		
3/2/2016			0.00075 (J)	0.0047 (J)
5/2/2016		0.001 (J)		
5/3/2016	0.00079 (J)			
5/5/2016			0.0042	0.0047
7/5/2016	<0.0025	0.00055 (J)		
7/7/2016			0.0043	0.0041
9/6/2016	0.00094 (J)	0.00057 (J)		
9/7/2016			0.0049	0.0047
11/7/2016	0.00041 (J)	0.00047 (J)		
11/10/2016			0.004	0.0043
1/9/2017	0.00074 (J)	0.00054 (J)		
1/12/2017			0.0045	0.0048
3/13/2017	0.00091 (J)	0.0004 (J)		
3/14/2017			0.0039	
3/15/2017				0.0066
5/15/2017	0.00075 (J)	0.00046 (J)		
5/18/2017			0.005	0.0065
3/12/2018	0.00044 (J)	<0.0025		
3/14/2018			0.0038	0.012
6/6/2018	0.0004 (J)	0.00048 (J)		
6/11/2018			0.0044	0.0096
10/17/2018	<0.0025	0.00043 (J)		
10/18/2018			0.0036	0.025
2/27/2019	<0.0025	0.00045 (J)		
3/1/2019			0.0052	0.02
5/31/2019	<0.0025	<0.0025		
6/3/2019			0.0071	0.0053
11/6/2019	0.00029 (J)	0.00094 (J)		
11/7/2019			0.0085	0.019
4/16/2020	0.00029 (J)	0.00053		
4/17/2020			0.0089	0.013
10/7/2020	<0.0025	<0.0025		
10/9/2020			0.0072	0.015

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	1.27	1.09						1.42	2.4
3/1/2016			0.996	5.24	11.8	4.21	0.872		
5/2/2016	0.808							1.03	1.62
5/4/2016		0.848					<5		
5/5/2016			2.82	4.13	9.43	2.24			
7/5/2016	0.947							0.961	1.01
7/7/2016			1.58	7.01	13.8	3.28			
7/8/2016		1.46					1.02		
9/6/2016	1.07	1.34	1.46					1.07	1.8
9/7/2016				7.94	13.7	2.83	0.826		
11/7/2016	0.602							0.818	1.86
11/9/2016					16.9	4.28	1.17		
11/10/2016		1.23	1.92	7					
1/9/2017	0.865							0.934	2.25
1/11/2017		1.11			24.9	4.62	0.924		
1/12/2017			1.48	7.87					
3/13/2017	0.693							0.937	1.87
3/14/2017		1.01			15.5	2.28	0.889		
3/15/2017			1.41	7.1					
5/15/2017	0.786							0.685	1.4
5/18/2017		0.745	1.23	7.26	19.8	3	0.338		
3/12/2018	0.933							1.09	1.97
3/14/2018		0.614	1.64	7.02	13.1	2.82	0.789		
6/5/2018	0.713							0.927	2.17
6/10/2018		0.959			19.1	6.2	0.852		
6/11/2018			1.51	5.54					
10/16/2018	2.14							1.07	2.2
10/18/2018		0.944		5.59	12.1	2.89	1.05		
10/19/2018			1						
2/27/2019	0.651	0.827						0.912	1.8
3/1/2019					10.4	2.89	1.01		
3/2/2019			1.5	1.69					
5/31/2019	1.33	0.99						1.24	1.8
6/3/2019			2.67		19.1	4.84	1.33		
6/11/2019				5.8					
11/6/2019	1.32	0.892						0.509 (U)	2.32
11/7/2019				4.83	20.8				
11/9/2019			1.31			6.06	0.663		
4/16/2020	0.971	0.497						0.568	1.35
4/17/2020				5.33			0.604		
4/18/2020			0.931		13.8	2.03			
10/7/2020	1.14	1.07						0.763	1.75
10/8/2020			1.08	5.59	13.6	2.03	1.49		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	0.647	<5		
3/2/2016			2.39	7.8
5/2/2016		<5		
5/3/2016	0.748			
5/5/2016			1.54	5.51
7/5/2016	0.591	<5		
7/7/2016			2.17	7.65
9/6/2016	0.831	0.566		
9/7/2016			2.24	5.9
11/7/2016	0.983	0.784		
11/10/2016			2.69	5.04
1/9/2017	0.767	0.541		
1/12/2017			1.81	9.04
3/13/2017	1.26	0.442		
3/14/2017			1.74	
3/15/2017				6.46
5/15/2017	0.553	0.345		
5/18/2017			1.7	8.31
3/12/2018	0.783	0.848		
3/14/2018			1.99	7.06
6/6/2018	1.08	0.78		
6/11/2018			1.59	7.06
10/17/2018	1.19	0.88		
10/18/2018			1.77	7.22
2/27/2019	0.741	0.431		
3/1/2019			1.51	5.59
5/31/2019	0.759	0.884		
6/3/2019			0.42 (U)	4.73
11/6/2019	0.105 (U)	0.366 (U)		
11/7/2019			3.07	5.46
4/16/2020	0.588	0.264 (U)		
4/17/2020			2.45	4.26
10/7/2020	0.709 (U)	0.46 (U)		
10/9/2020			4	5.63

Time Series

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	5.11	5.26						5.11	4.9
3/1/2016			5.03	5.86	4.09	6.12	5.84		
5/2/2016	4.76							4.77	4.69
5/4/2016		5.1					5.69		
5/5/2016			5.03	5.77	4.12	6.25			
7/5/2016	5.12							5.48	7.11 (o)
7/7/2016			4.85	5.45	3.99	5.99			
7/8/2016		4.96					5.49		
9/6/2016	5.11	5.43	4.84					5.12	5.19
9/7/2016				5.01	4.06	6.03	5.22		
11/7/2016	4.76							4.73	4.64
11/9/2016					4.05	6.01	5.39		
11/10/2016		4.89	4.72	4.99					
1/9/2017	4.99							5	4.94
1/11/2017		4.87			4.01	6.04	5.12		
1/12/2017			4.79	4.95					
3/13/2017	4.57							4.74	4.63
3/14/2017		4.71			4.06	6.11	5.05		
3/15/2017			4.81	5.03					
5/15/2017	4.6							4.63	4.52
5/18/2017		4.5	4.5	4.75	3.65	5.88	4.68		
10/2/2017	4.64							4.63	4.54
10/5/2017		4.63			3.79	6.07	4.77		
10/6/2017			4.56	5.07					
12/19/2017				5.1 (R)	4.1 (R)	6.11 (R)			
3/12/2018	4.85							4.81	4.81
3/14/2018		5.14	5.08	4.89	4.2	6.29	5.28		
6/5/2018	4.92							5.04	4.9
6/10/2018		5.12			3.97	5.96	4.99		
6/11/2018			4.81	5.02					
10/16/2018	4.93							4.98	4.81
10/18/2018		4.97		4.93	4.12	6.19	5.07		
10/19/2018			5.15						
2/27/2019	4.75	4.84						4.78	4.71
3/1/2019					4.19	6.27	5.13		
3/2/2019			4.81	5.58					
5/31/2019	4.9	4.92						4.92	4.84
6/3/2019			4.7		4.17	6.23	5.12		
6/11/2019				4.97					
11/6/2019	4.82	4.94						4.88	4.78
11/7/2019				4.99	4.03				
11/9/2019			4.78			6.19	5.06		
4/16/2020	5.03	5.17						5.15	4.96
4/17/2020				5.07			5.23		
4/18/2020			4.96		4.08	6.21			
10/7/2020	4.74	5.08						4.91	4.8
10/8/2020			4.87	4.98	4.13	6.29	5.34		

Time Series

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	5.08	6.37		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016		5.605 (D)		
5/3/2016	5.14			
5/5/2016			4.87	5.04
7/5/2016	5.38	6.29		
7/7/2016			4.86	5.55
9/6/2016	5.37	6.42		
9/7/2016			4.72	4.86
11/7/2016	4.92	5.75		
11/10/2016			4.72	5.19
1/9/2017	5.05	5.98		
1/12/2017			4.67	4.84
3/13/2017	4.87	5.81		
3/14/2017			4.77	
3/15/2017				4.86
5/15/2017	4.69	5.42		
5/18/2017			4.43	4.59
10/2/2017	4.88	5.63		
10/5/2017			4.52	
10/6/2017				5.73
12/19/2017			4.76 (R)	4.84 (R)
3/12/2018	5.07	5.6		
3/14/2018			4.71	4.75
6/6/2018	5.09	5.58		
6/11/2018			4.78	4.77
10/17/2018	4.99	5.54		
10/18/2018			4.76	4.73
2/27/2019	4.87	5.4		
3/1/2019			4.85	4.76
5/31/2019	4.89	5.45		
6/3/2019			4.75	5.56
11/6/2019	5.04	5.52		
11/7/2019			4.78	4.74
4/16/2020	5.13	5.58		
4/17/2020			4.75	4.7
10/7/2020	5.13	5.5		
10/9/2020			4.77	4.9

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.1	<0.1						<0.1	<0.1
3/1/2016			<0.1	0.037 (J)	0.46	0.041 (J)	<0.1		
5/2/2016	<0.1							<0.1	<0.1
5/4/2016		<0.1					<0.1		
5/5/2016			<0.1	<0.1	0.27	<0.1			
7/5/2016	<0.1							<0.1	<0.1
7/7/2016			<0.1	<0.1	0.29	<0.1			
7/8/2016		<0.1					<0.1		
9/6/2016	<0.1	<0.1	<0.1					<0.1	<0.1
9/7/2016				<0.1	0.33	<0.1	<0.1		
11/7/2016	<0.1							<0.1	<0.1
11/9/2016					0.29	<0.1	<0.1		
11/10/2016		<0.1	<0.1	<0.1					
1/9/2017	<0.1							<0.1	<0.1
1/11/2017		<0.1			0.42	<0.1	<0.1		
1/12/2017			<0.1	<0.1					
3/13/2017	<0.1							<0.1	<0.1
3/14/2017		<0.1			0.34	<0.1	<0.1		
3/15/2017			<0.1	<0.1					
5/15/2017	<0.1							<0.1	<0.1
5/18/2017		<0.1	<0.1	<0.1	0.47	<0.1	<0.1		
10/2/2017	<0.1							<0.1	<0.1
10/5/2017		<0.1			0.22	<0.1	<0.1		
10/6/2017			<0.1	<0.1					
12/19/2017					0.26 (R)				
3/12/2018	<0.1							<0.1	<0.1
3/14/2018		0.12	<0.1	<0.1	0.3	<0.1	<0.1		
6/5/2018	<0.1							<0.1	<0.1
6/10/2018		<0.1			0.38	<0.1	<0.1		
6/11/2018			<0.1	<0.1					
10/16/2018	<0.1							<0.1	<0.1
10/18/2018		<0.1		<0.1	0.26	0.04 (J)	<0.1		
10/19/2018			<0.1						
2/27/2019	<0.1	<0.1						<0.1	<0.1
3/1/2019					0.1	<0.1	<0.1		
3/2/2019			<0.1	<0.1					
5/31/2019	<0.1	<0.1						<0.1	<0.1
6/3/2019			<0.1		0.22	0.04 (J)	<0.1		
6/11/2019				<0.1					
11/6/2019	<0.1	<0.1						<0.1	<0.1
11/7/2019				<0.1	0.21				
11/9/2019			<0.1			<0.1	<0.1		
4/16/2020	<0.1	<0.1						<0.1	<0.1
4/17/2020				<0.1			<0.1		
4/18/2020			<0.1		0.3	0.04 (J)			
10/7/2020	<0.1	<0.1						<0.1	<0.1
10/8/2020			<0.1	0.24	0.26	0.04 (J)	<0.1		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.1	0.033 (J)		
3/2/2016			<0.1	0.039 (J)
5/2/2016		<0.1		
5/3/2016	<0.1			
5/5/2016			<0.1	<0.1
7/5/2016	<0.1	<0.1		
7/7/2016			<0.1	<0.1
9/6/2016	<0.1	<0.1		
9/7/2016			<0.1	<0.1
11/7/2016	<0.1	<0.1		
11/10/2016			<0.1	<0.1
1/9/2017	<0.1	<0.1		
1/12/2017			<0.1	<0.1
3/13/2017	<0.1	<0.1		
3/14/2017			<0.1	
3/15/2017				<0.1
5/15/2017	<0.1	<0.1		
5/18/2017			<0.1	<0.1
10/2/2017	<0.1	<0.1		
10/5/2017			<0.1	
10/6/2017				<0.1
3/12/2018	<0.1	<0.1		
3/14/2018			<0.1	<0.1
6/6/2018	<0.1	<0.1		
6/11/2018			<0.1	0.04 (J)
10/17/2018	<0.1	<0.1		
10/18/2018			<0.1	0.04 (J)
2/27/2019	<0.1	<0.1		
3/1/2019			<0.1	<0.1
5/31/2019	<0.1	<0.1		
6/3/2019			<0.1	0.04 (J)
11/6/2019	<0.1	<0.1		
11/7/2019			<0.1	0.04 (J)
4/16/2020	<0.1	<0.1		
4/17/2020			<0.1	0.04 (J)
10/7/2020	<0.1	<0.1		
10/9/2020			<0.1	<0.1

Time Series

Constituent: Lead (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0013	<0.0013						<0.0013	<0.0013
3/1/2016			<0.0013	<0.0013	0.0018 (J)	<0.0013	<0.0013		
5/2/2016	<0.0013							<0.0013	<0.0013
5/4/2016		<0.0013					<0.0013		
5/5/2016			<0.0013	<0.0013	0.0015	<0.0013			
7/5/2016	<0.0013							<0.0013	<0.0013
7/7/2016			<0.0013	<0.0013	0.0018	<0.0013			
7/8/2016		<0.0013					<0.0013		
9/6/2016	<0.0013	<0.0013	<0.0013					<0.0013	<0.0013
9/7/2016				<0.0013	0.0024	<0.0013	<0.0013		
11/7/2016	<0.0013							<0.0013	<0.0013
11/9/2016					0.0023	<0.0013	<0.0013		
11/10/2016		<0.0013	<0.0013	<0.0013					
1/9/2017	<0.0013							<0.0013	<0.0013
1/11/2017		<0.0013			0.0027	<0.0013	<0.0013		
1/12/2017			<0.0013	<0.0013					
3/13/2017	<0.0013							<0.0013	<0.0013
3/14/2017		<0.0013			0.0024	<0.0013	<0.0013		
3/15/2017			<0.0013	<0.0013					
5/15/2017	<0.0013							<0.0013	<0.0013
5/18/2017		<0.0013	<0.0013	<0.0013	0.0029	<0.0013	<0.0013		
3/12/2018	<0.0013							<0.0013	<0.0013
3/14/2018		<0.0013	<0.0013	<0.0013	0.0023	<0.0013	<0.0013		
6/5/2018	<0.0013							<0.0013	<0.0013
6/10/2018		<0.0013			0.0024	<0.0013	<0.0013		
6/11/2018			<0.0013	<0.0013					
10/16/2018	<0.0013							<0.0013	<0.0013
10/18/2018		<0.0013		<0.0013	0.002	<0.0013	0.00039 (J)		
10/19/2018			<0.0013						
2/27/2019	<0.0013	<0.0013						0.001 (J)	<0.0013
3/1/2019					0.0012 (J)	<0.0013	<0.0013		
3/2/2019			<0.0013	<0.0013					
5/31/2019	<0.0013	<0.0013						<0.0013	<0.0013
6/3/2019			<0.0013		0.0018	0.00091 (J)	<0.0013		
6/11/2019				<0.0013					
11/6/2019	0.0001 (J)	<0.0013						6.6E-05 (J)	8.4E-05 (J)
11/7/2019				0.00011 (J)	0.002				
11/9/2019			0.00014 (J)			0.00012 (J)	<0.0013		
4/16/2020	6.6E-05 (J)	<0.0013						<0.0013	<0.0013
4/17/2020				<0.0013			<0.0013		
4/18/2020			0.00018 (J)		0.0024	<0.0013			
10/7/2020	<0.0013	<0.0013						<0.0013	<0.0013
10/8/2020			<0.0013	<0.0013	0.0019	<0.0013	<0.0013		

Time Series

Constituent: Lead (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0013	<0.0013		
3/2/2016			<0.0013	<0.0013
5/2/2016		<0.0013		
5/3/2016	<0.0013			
5/5/2016			<0.0013	<0.0013
7/5/2016	<0.0013	<0.0013		
7/7/2016			<0.0013	<0.0013
9/6/2016	<0.0013	<0.0013		
9/7/2016			<0.0013	<0.0013
11/7/2016	<0.0013	<0.0013		
11/10/2016			<0.0013	<0.0013
1/9/2017	<0.0013	<0.0013		
1/12/2017			<0.0013	<0.0013
3/13/2017	<0.0013	<0.0013		
3/14/2017			<0.0013	
3/15/2017				<0.0013
5/15/2017	<0.0013	<0.0013		
5/18/2017			<0.0013	<0.0013
3/12/2018	<0.0013	<0.0013		
3/14/2018			<0.0013	<0.0013
6/6/2018	<0.0013	<0.0013		
6/11/2018			<0.0013	<0.0013
10/17/2018	<0.0013	<0.0013		
10/18/2018			<0.0013	<0.0013
2/27/2019	<0.0013	<0.0013		
3/1/2019			<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013		
6/3/2019			0.00067 (J)	0.00037 (J)
11/6/2019	<0.0013	0.0002 (J)		
11/7/2019			9.4E-05 (J)	0.0003 (J)
4/16/2020	<0.0013	0.00016 (J)		
4/17/2020			0.00011 (J)	0.00033
10/7/2020	<0.0013	<0.0013		
10/9/2020			0.0012 (J)	0.0003 (J)

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.005	<0.005						<0.005	<0.005
3/1/2016			<0.005	<0.005	0.057	<0.005	<0.005		
5/2/2016	<0.005							<0.005	<0.005
5/4/2016		<0.005					<0.005		
5/5/2016			<0.005	<0.005	0.044	<0.005			
7/5/2016	<0.005							<0.005	<0.005
7/7/2016			<0.005	<0.005	0.04	<0.005			
7/8/2016		<0.005					<0.005		
9/6/2016	<0.005	0.0037 (J)	<0.005					<0.005	<0.005
9/7/2016				<0.005	0.033	<0.005	0.0073		
11/7/2016	<0.005							<0.005	<0.005
11/9/2016					0.035	<0.005	<0.005		
11/10/2016		<0.005	<0.005	<0.005					
1/9/2017	<0.005							<0.005	<0.005
1/11/2017		<0.005			0.028	<0.005	<0.005		
1/12/2017			<0.005	<0.005					
3/13/2017	<0.005							<0.005	<0.005
3/14/2017		<0.005			0.037	<0.005	0.0035 (J)		
3/15/2017			<0.005	0.0038 (J)					
5/15/2017	<0.005							<0.005	<0.005
5/18/2017		<0.005	<0.005	<0.005	0.024	<0.005	<0.005		
3/12/2018	0.0011 (J)							0.0014 (J)	<0.005
3/14/2018		<0.005	<0.005	0.002 (J)	0.028	<0.005	<0.005		
6/5/2018	<0.005							0.0012 (J)	<0.005
6/10/2018		<0.005			0.019	<0.005	<0.005		
6/11/2018			<0.005	0.0015 (J)					
10/16/2018	<0.005							0.0015 (J)	0.0013 (J)
10/18/2018		0.0013 (J)		0.0017 (J)	0.022	<0.005	0.0012 (J)		
10/19/2018			0.0012 (J)						
2/27/2019	<0.005	<0.005						<0.005	<0.005
3/1/2019					0.017	<0.005	0.0012 (J)		
3/2/2019			0.0014 (J)	0.0011 (J)					
5/31/2019	0.0021 (J)	0.0013 (J)						0.0017 (J)	0.0017 (J)
6/3/2019			<0.005		0.017	<0.005	<0.005		
6/11/2019				0.0025 (J)					
11/6/2019	0.0011	0.001						0.0011	<0.005
11/7/2019				0.00097 (J)	0.019				
11/9/2019			0.0009 (J)			<0.005	0.00068 (J)		
4/16/2020	0.0006 (J)	<0.005						0.00063 (J)	<0.005
4/17/2020				0.0021			0.00043 (J)		
4/18/2020			<0.005		0.017	0.00039 (J)			
10/7/2020	0.0054	0.0052						0.0054	0.0048 (J)
10/8/2020			<0.005	<0.005	0.017	<0.005	<0.005		

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.005	0.0037		
3/2/2016			0.0095 (J)	0.0082 (J)
5/2/2016		<0.005		
5/3/2016	<0.005			
5/5/2016			0.0059	0.0072
7/5/2016	<0.005	<0.005		
7/7/2016			0.006	0.0092
9/6/2016	<0.005	<0.005		
9/7/2016			0.0049 (J)	0.0069
11/7/2016	<0.005	0.0097 (o)		
11/10/2016			0.0055	0.0045 (J)
1/9/2017	<0.005	<0.005		
1/12/2017			0.0045 (J)	0.0073
3/13/2017	<0.005	<0.005		
3/14/2017			0.0069	
3/15/2017				0.012
5/15/2017	<0.005	<0.005		
5/18/2017			0.0055	0.0084
3/12/2018	<0.005	<0.005		
3/14/2018			0.0059	0.012
6/6/2018	<0.005	0.0021 (J)		
6/11/2018			0.0042 (J)	0.009
10/17/2018	<0.005	0.0012 (J)		
10/18/2018			0.0062	0.011
2/27/2019	<0.005	0.002 (J)		
3/1/2019			0.0054	0.0077
5/31/2019	0.0015 (J)	0.0026 (J)		
6/3/2019			0.0054	0.0082
11/6/2019	0.00063 (J)	0.0012		
11/7/2019			0.0052	0.014
4/16/2020	<0.005	0.00091 (J)		
4/17/2020			0.0076	0.0092
10/7/2020	0.005	0.0049 (J)		
10/9/2020			0.0053	0.011

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0002	<0.0002						9.1E-05 (J)	<0.0002
3/1/2016			<0.0002	<0.0002	0.00089	<0.0002	<0.0002		
5/2/2016	<0.0002							7.4E-05 (J)	<0.0002
5/4/2016		<0.0002					<0.0002		
5/5/2016			<0.0002	<0.0002	0.00054	<0.0002			
7/5/2016	<0.0002							<0.0002	<0.0002
7/7/2016			<0.0002	<0.0002 (*)	0.00066 (V)	<0.0002			
7/8/2016		<0.0002 (*)					<0.0002 (*)		
9/6/2016	<0.0002 (*)	<0.0002	<0.0002					<0.0002 (*)	<0.0002
9/7/2016				<0.0002	0.0016	<0.0002	<0.0002		
11/7/2016	<0.0002							<0.0002	<0.0002
11/9/2016					0.0015	<0.0002	<0.0002		
11/10/2016		<0.0002	<0.0002	<0.0002					
1/9/2017	<0.0002 (*)							<0.0002 (*)	<0.0002 (*)
1/11/2017		<0.0002			0.0025	<0.0002	<0.0002		
1/12/2017			<0.0002	<0.0002					
3/13/2017	<0.0002							<0.0002	<0.0002
3/14/2017		<0.0002 (*)			0.0012	<0.0002	<0.0002		
3/15/2017			<0.0002	<0.0002 (*)					
5/15/2017	<0.0002							<0.0002	<0.0002
5/18/2017		<0.0002	<0.0002	<0.0002	0.0014	<0.0002	<0.0002		
3/12/2018	<0.0002							<0.0002	<0.0002
3/14/2018		9.3E-05 (J)	9.4E-05 (J)	0.00012 (J)	0.0011	<0.0002	8E-05 (J)		
6/5/2018	<0.0002							<0.0002	<0.0002
6/10/2018		<0.0002			0.0014	<0.0002	<0.0002		
6/11/2018			<0.0002	<0.0002					
10/16/2018	<0.0002							<0.0002	<0.0002
10/18/2018		<0.0002		<0.0002	0.00087	<0.0002	<0.0002		
10/19/2018			9.4E-05 (J)						
2/27/2019	<0.0002	<0.0002						<0.0002	<0.0002
3/1/2019					0.00077	<0.0002	<0.0002		
3/2/2019			<0.0002	<0.0002					
5/31/2019	<0.0002	<0.0002						<0.0002	<0.0002
6/3/2019			<0.0002		0.00054	<0.0002	<0.0002		
6/11/2019				<0.0002					
11/6/2019	<0.0002	<0.0002						<0.0002	<0.0002
11/7/2019				<0.0002	0.00053				
11/9/2019			<0.0002			<0.0002	<0.0002		
4/16/2020	<0.0002	<0.0002						<0.0002	<0.0002
4/17/2020				0.00062			<0.0002		
4/18/2020			<0.0002		0.00069	<0.0002			
10/7/2020	<0.0002	<0.0002						0.00025	0.00013 (J)
10/8/2020			<0.0002	0.00016 (J)	0.00087	<0.0002	<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0002	<0.0002		
3/2/2016			<0.0002	0.007
5/2/2016		<0.0002		
5/3/2016	<0.0002			
5/5/2016			<0.0002	0.006
7/5/2016	<0.0002	<0.0002		
7/7/2016			<0.0002 (*)	0.0053
9/6/2016	<0.0002 (*)	<0.0002 (*)		
9/7/2016			<0.0002	0.0067
11/7/2016	<0.0002	<0.0002		
11/10/2016			<0.0002	0.00014 (J)
1/9/2017	<0.0002 (*)	<0.0002 (*)		
1/12/2017			<0.0002	0.0052
3/13/2017	<0.0002	<0.0002		
3/14/2017			<0.0002	
3/15/2017				0.0048
5/15/2017	<0.0002	<0.0002		
5/18/2017			<0.0002	0.0074
3/12/2018	<0.0002	<0.0002		
3/14/2018			9.7E-05 (J)	0.0059
6/6/2018	<0.0002	<0.0002		
6/11/2018			<0.0002	0.0042
10/17/2018	<0.0002	<0.0002		
10/18/2018			<0.0002	0.0034
2/27/2019	<0.0002	<0.0002		
3/1/2019			<0.0002	0.0041
5/31/2019	<0.0002	<0.0002		
6/3/2019			<0.0002	0.0025
11/6/2019	<0.0002	<0.0002		
11/7/2019			0.0012	0.0034
4/16/2020	<0.0002	<0.0002		
4/17/2020			0.0032	0.0063
10/7/2020	8E-05 (J)	<0.0002		
10/9/2020			0.0014	0.0049

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.015	<0.015						<0.015	<0.015
3/1/2016			<0.015	<0.015	<0.015	0.004 (J)	<0.015		
5/2/2016	<0.015							<0.015	<0.015
5/4/2016		<0.015					<0.015		
5/5/2016			<0.015	<0.015	<0.015	0.0093 (J)			
7/5/2016	<0.015							<0.015	<0.015
7/7/2016			<0.015	<0.015	<0.015	0.0047 (J)			
7/8/2016		<0.015					<0.015		
9/6/2016	<0.015	<0.015	<0.015					<0.015	<0.015
9/7/2016				<0.015	<0.015	0.004 (J)	<0.015		
11/7/2016	<0.015							<0.015	<0.015
11/9/2016					<0.015	0.0037 (J)	<0.015		
11/10/2016		<0.015	<0.015	<0.015					
1/9/2017	<0.015							<0.015	<0.015
1/11/2017		<0.015			<0.015	0.0052 (J)	<0.015		
1/12/2017			<0.015	<0.015					
3/13/2017	0.0042 (J)							<0.015	0.0022 (J)
3/14/2017		<0.015			<0.015	0.004 (J)	<0.015		
3/15/2017			<0.015	<0.015					
5/15/2017	<0.015							<0.015	<0.015
5/18/2017		<0.015	<0.015	<0.015	<0.015	0.0043 (J)	<0.015		
3/12/2018	<0.015							<0.015	<0.015
3/14/2018		<0.015	<0.015	<0.015	<0.015	0.0054 (J)	<0.015		
6/5/2018	<0.015							0.00088 (J)	<0.015
6/10/2018		<0.015			<0.015	0.0035 (J)	<0.015		
6/11/2018			<0.015	<0.015					
10/16/2018	<0.015							<0.015	<0.015
10/18/2018		<0.015		<0.015	<0.015	0.0032 (J)	<0.015		
10/19/2018			<0.015						
2/27/2019	<0.015	<0.015						<0.015	<0.015
3/1/2019					<0.015	0.0047 (J)	<0.015		
3/2/2019			<0.015	<0.015					
5/31/2019	<0.015	<0.015						<0.015	<0.015
6/3/2019			<0.015		<0.015	0.0033 (J)	<0.015		
6/11/2019				<0.015					
11/6/2019	<0.015	<0.015						<0.015	<0.015
11/7/2019				<0.015	<0.015				
11/9/2019			<0.015			0.0025 (J)	<0.015		
4/16/2020	<0.015	<0.015						<0.015	<0.015
4/17/2020				<0.015			<0.015		
4/18/2020			<0.015		<0.015	0.003			
10/7/2020	<0.015	<0.015						<0.015	<0.015
10/8/2020			<0.015	<0.015	<0.015	<0.015	<0.015		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.015	<0.015		
3/2/2016			<0.015	<0.015
5/2/2016		<0.015		
5/3/2016	<0.015			
5/5/2016			<0.015	<0.015
7/5/2016	<0.015	<0.015		
7/7/2016			<0.015	<0.015
9/6/2016	<0.015	<0.015		
9/7/2016			<0.015	<0.015
11/7/2016	<0.015	<0.015		
11/10/2016			<0.015	<0.015
1/9/2017	<0.015	<0.015		
1/12/2017			<0.015	<0.015
3/13/2017	<0.015	<0.015		
3/14/2017			<0.015	
3/15/2017				<0.015
5/15/2017	<0.015	<0.015		
5/18/2017			<0.015	<0.015
3/12/2018	<0.015	<0.015		
3/14/2018			<0.015	<0.015
6/6/2018	<0.015	<0.015		
6/11/2018			<0.015	<0.015
10/17/2018	<0.015	<0.015		
10/18/2018			<0.015	<0.015
2/27/2019	<0.015	<0.015		
3/1/2019			<0.015	<0.015
5/31/2019	<0.015	<0.015		
6/3/2019			<0.015	<0.015
11/6/2019	<0.015	<0.015		
11/7/2019			<0.015	<0.015
4/16/2020	<0.015	<0.015		
4/17/2020			<0.015	<0.015
10/7/2020	<0.015	<0.015		
10/9/2020			<0.015	<0.015

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0013	<0.0013						<0.0013	<0.0013
3/1/2016			<0.0013	0.0028 (J)	0.0054 (J)	<0.0013	<0.0013		
5/2/2016	<0.0013							<0.0013	0.00025 (J)
5/4/2016		<0.0013					<0.0013		
5/5/2016			0.00029 (J)	0.0026	0.0038	0.0003 (J)			
7/5/2016	<0.0013							<0.0013	<0.0013
7/7/2016			<0.0013 (*)	0.0025	0.0043	<0.0013			
7/8/2016		<0.0013					<0.0013		
9/6/2016	0.00049 (J)	<0.0013	<0.0013					<0.0013	0.00027 (J)
9/7/2016				0.0031	0.0099	0.00026 (J)	<0.0013		
11/7/2016	<0.0013							<0.0013	<0.0013
11/9/2016					0.012	0.00038 (J)	<0.0013		
11/10/2016		<0.0013	<0.0013	0.0028					
1/9/2017	<0.0013							<0.0013	<0.0013
1/11/2017		0.00049 (J)			0.022	<0.0013	<0.0013		
1/12/2017			<0.0013	0.0028					
3/13/2017	0.0023							<0.0013	0.0025
3/14/2017		<0.0013			0.011	<0.0013	<0.0013		
3/15/2017			<0.0013	0.0027					
5/15/2017	<0.0013							<0.0013	<0.0013
5/18/2017		<0.0013	<0.0013	0.0036	0.018	<0.0013	<0.0013		
3/12/2018	0.00046 (J)							0.00064 (J)	0.00047 (J)
3/14/2018		0.00067 (J)	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.0013		
6/5/2018	0.00049 (J)							0.00098 (J)	0.00065 (J)
6/10/2018		0.00028 (J)			0.015	0.00043 (J)	<0.0013		
6/11/2018			0.00028 (J)	0.003					
10/16/2018	<0.0013							<0.0013	<0.0013
10/18/2018		<0.0013		0.0016	0.0049	<0.0013	<0.0013		
10/19/2018			<0.0013						
2/27/2019	<0.0013	<0.0013						<0.0013	<0.0013
3/1/2019					0.0026	<0.0013	<0.0013		
3/2/2019			<0.0013	<0.0013					
5/31/2019	<0.0013	<0.0013						<0.0013	<0.0013
6/3/2019			<0.0013		0.0039	<0.0013	<0.0013		
6/11/2019				0.0014					
11/6/2019	<0.0013	<0.0013						<0.0013	0.00034
11/7/2019				0.002	0.0085				
11/9/2019			<0.0013			0.00041	<0.0013		
4/16/2020	<0.0013	<0.0013						<0.0013	0.0004
4/17/2020				0.0022			<0.0013		
4/18/2020			0.00019 (J)		0.0084	0.0004			
10/7/2020	<0.0013	<0.0013						<0.0013	<0.0013
10/8/2020			<0.0013	0.0014	0.0045	<0.0013	<0.0013		

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0013	<0.0013		
3/2/2016			<0.0013	0.0025 (J)
5/2/2016		<0.0013		
5/3/2016	<0.0013			
5/5/2016			<0.0013	0.0033
7/5/2016	<0.0013	<0.0013		
7/7/2016			<0.0013	0.0031
9/6/2016	<0.0013	<0.0013		
9/7/2016			<0.0013	0.0034
11/7/2016	<0.0013	<0.0013		
11/10/2016			<0.0013	0.0038
1/9/2017	<0.0013	<0.0013		
1/12/2017			<0.0013	0.0034
3/13/2017	<0.0013	<0.0013		
3/14/2017			<0.0013	
3/15/2017				0.0032
5/15/2017	<0.0013	<0.0013		
5/18/2017			<0.0013	0.0034
3/12/2018	0.00026 (J)	<0.0013		
3/14/2018			<0.0013	0.0038
6/6/2018	0.00025 (J)	0.00026 (J)		
6/11/2018			<0.0013	0.0037
10/17/2018	<0.0013	<0.0013		
10/18/2018			<0.0013	0.0033
2/27/2019	<0.0013	<0.0013		
3/1/2019			<0.0013	0.0033
5/31/2019	<0.0013	<0.0013		
6/3/2019			<0.0013	0.0035
11/6/2019	<0.0013	<0.0013		
11/7/2019			0.00024 (J)	0.0034
4/16/2020	<0.0013	<0.0013		
4/17/2020			0.0002 (J)	0.0039
10/7/2020	<0.0013	<0.0013		
10/9/2020			<0.0013	0.0031

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<5	<5						<5	1.6 (J)
3/1/2016			<5	26	380	17	<5		
5/2/2016	15 (o)							<5	2.1 (J)
5/4/2016		<5					<5		
5/5/2016			<5	31	280	11			
7/5/2016	<5							<5	2 (J)
7/7/2016			<5	31	330	33			
7/8/2016		<5					<5		
9/6/2016	<5	<5	<5					<5	1.8 (J)
9/7/2016				41	550	18	<5		
11/7/2016	<5							<5	1.7 (J)
11/9/2016					700	52	<5		
11/10/2016		<5	<5	39					
1/9/2017	<5							2.6 (J)	1.5 (J)
1/11/2017		<5			670	31	<5		
1/12/2017			<5	35					
3/13/2017	2.5 (J)							<5	2.2 (J)
3/14/2017		<5			670	20	<5		
3/15/2017			<5 (*)	43					
5/15/2017	<5							<5	1.9 (J)
5/18/2017		<5 (X)	<5 (X)	35	790	35	<5 (X)		
10/2/2017	<5							<5	3.4 (J)
10/5/2017		<5			500	7.7	<5		
10/6/2017			<5	39					
12/19/2017				36 (R)	400 (R)	51 (R)			
3/12/2018	<5							<5	2.6 (J)
3/14/2018		<5	<5	38	540	22	<5		
6/5/2018	<5							<5	2.6 (J)
6/10/2018		1.5 (J)			760	96	1.4 (J)		
6/11/2018			1.7 (J)	34					
10/16/2018	<5							<5	2.8 (J)
10/18/2018		<5		31	460	6.6	<5		
10/19/2018			3.4 (J)						
2/27/2019	<5	1.9 (J)						<5	2.4 (J)
3/1/2019					240	9.6	<5		
3/2/2019			<5	35					
5/31/2019	<5	<5						<5	3.3 (J)
6/3/2019			3.5 (J)		480	58	<5		
6/11/2019				32					
11/6/2019	<5	<5						<5	3.7 (J)
11/7/2019				27	610				
11/9/2019			<5			120	<5		
4/16/2020	<5	<5						<5	1.7 (J)
4/17/2020				31			<5		
4/18/2020			<5		670	32			
10/7/2020	<5	<5						<5	4 (J)
10/8/2020			<5	30	590	9.3	<5		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<5	<5		
3/2/2016			13	150
5/2/2016		<5		
5/3/2016	<5			
5/5/2016			15	200
7/5/2016	<5	<5		
7/7/2016			14	200
9/6/2016	<5	3.7 (J)		
9/7/2016			15	200
11/7/2016	<5	<5		
11/10/2016			13	130
1/9/2017	<5	<5		
1/12/2017			12	240
3/13/2017	<5	<5		
3/14/2017			10 (V)	
3/15/2017				300
5/15/2017	<5	<5		
5/18/2017			8.7	270
10/2/2017	1.5 (J)	1.7 (J)		
10/5/2017			9.8	
10/6/2017				140
12/19/2017			8.4 (R)	280 (R)
3/12/2018	<5	<5		
3/14/2018			9.7	270
6/6/2018	<5	<5		
6/11/2018			10	270
10/17/2018	<5	<5		
10/18/2018			8.1	280
2/27/2019	<5	<5		
3/1/2019			7.4	250
5/31/2019	<5	<5		
6/3/2019			21	150
11/6/2019	<5	<5		
11/7/2019			16	290
4/16/2020	<5	<5		
4/17/2020			12	280
10/7/2020	<5	<5		
10/9/2020			25	280

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2016			<0.0005	<0.0005	0.00043 (J)	<0.0005	<0.0005		
5/2/2016	<0.0005							<0.0005	<0.0005
5/4/2016		<0.0005					<0.0005		
5/5/2016			<0.0005	<0.0005	0.0003 (J)	<0.0005			
7/5/2016	<0.0005							<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005	0.00028 (J)	<0.0005			
7/8/2016		<0.0005					<0.0005		
9/6/2016	<0.0005	<0.0005	<0.0005					<0.0005	<0.0005
9/7/2016				<0.0005	0.00028 (J)	<0.0005	<0.0005		
11/7/2016	<0.0005							<0.0005	<0.0005
11/9/2016					0.0003 (J)	<0.0005	<0.0005		
11/10/2016		<0.0005	<0.0005	<0.0005					
1/9/2017	<0.0005							<0.0005	<0.0005
1/11/2017		<0.0005			0.00032 (J)	<0.0005	<0.0005		
1/12/2017			<0.0005	<0.0005					
3/13/2017	<0.0005							<0.0005	<0.0005
3/14/2017		<0.0005			0.00032 (J)	<0.0005	<0.0005		
3/15/2017			<0.0005	<0.0005					
5/15/2017	<0.0005							<0.0005	<0.0005
5/18/2017		<0.0005	<0.0005	<0.0005	0.0004 (J)	<0.0005	<0.0005		
3/12/2018	<0.0005							<0.0005	<0.0005
3/14/2018		<0.0005	<0.0005	<0.0005	0.00021 (J)	<0.0005	<0.0005		
6/5/2018	<0.0005							<0.0005	<0.0005
6/10/2018		<0.0005			0.00033 (J)	<0.0005	<0.0005		
6/11/2018			<0.0005	<0.0005					
10/16/2018	<0.0005							<0.0005	<0.0005
10/18/2018		<0.0005		<0.0005	0.00021 (J)	<0.0005	<0.0005		
10/19/2018			<0.0005						
2/27/2019	<0.0005	<0.0005						<0.0005	<0.0005
3/1/2019					0.00013 (J)	<0.0005	<0.0005		
3/2/2019			<0.0005	<0.0005					
5/31/2019	<0.0005	<0.0005						<0.0005	<0.0005
6/3/2019			<0.0005		0.00016 (J)	<0.0005	<0.0005		
6/11/2019				<0.0005					
11/6/2019	<0.0005	<0.0005						<0.0005	<0.0005
11/7/2019				2.6E-05 (J)	0.00025				
11/9/2019			0.00021 (J)			0.00024 (J)	<0.0005		
4/16/2020	<0.0005	<0.0005						<0.0005	<0.0005
4/17/2020				<0.0005			<0.0005		
4/18/2020			<0.0005		0.00033	<0.0005			
10/7/2020	<0.0005	<0.0005						<0.0005	<0.0005
10/8/2020			<0.0005	0.00015 (J)	0.00034 (J)	<0.0005	<0.0005		

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	<0.0005	<0.0005		
3/2/2016			<0.0005	0.00018 (J)
5/2/2016		<0.0005		
5/3/2016	<0.0005			
5/5/2016			<0.0005	0.00024 (J)
7/5/2016	<0.0005	<0.0005		
7/7/2016			<0.0005	0.00025 (J)
9/6/2016	<0.0005	<0.0005		
9/7/2016			<0.0005	0.00023 (J)
11/7/2016	<0.0005	<0.0005		
11/10/2016			<0.0005	0.0002 (J)
1/9/2017	<0.0005	<0.0005		
1/12/2017			<0.0005	0.00026 (J)
3/13/2017	<0.0005	<0.0005		
3/14/2017			<0.0005	
3/15/2017				0.0003 (J)
5/15/2017	<0.0005	<0.0005		
5/18/2017			<0.0005	0.00028 (J)
3/12/2018	<0.0005	<0.0005		
3/14/2018			<0.0005	0.00029 (J)
6/6/2018	<0.0005	<0.0005		
6/11/2018			<0.0005	0.00029 (J)
10/17/2018	<0.0005	<0.0005		
10/18/2018			<0.0005	0.00031 (J)
2/27/2019	<0.0005	<0.0005		
3/1/2019			<0.0005	0.0003 (J)
5/31/2019	<0.0005	<0.0005		
6/3/2019			<0.0005	0.0002 (J)
11/6/2019	<0.0005	<0.0005		
11/7/2019			<0.0005	0.00024 (J)
4/16/2020	<0.0005	<0.0005		
4/17/2020			<0.0005	0.00031
10/7/2020	<0.0005	<0.0005		
10/9/2020			0.00012 (J)	0.00037 (J)

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106	MW-107 (bg)	MW-108 (bg)
2/29/2016	20	20						<5	12
3/1/2016			<5	84	760	290	<5		
5/2/2016	<5							<5	6
5/4/2016		6					12		
5/5/2016			<5	76	620	250			
7/5/2016	12							14	<5
7/7/2016			24	54	640	270			
7/8/2016		6					10		
9/6/2016	36	36	40					30	38
9/7/2016				82	1100	270	10		
11/7/2016	18							8	<5
11/9/2016					1300	330	26		
11/10/2016		16	20	80					
1/9/2017	4 (J)							<5	14
1/11/2017		38			1600	330	28		
1/12/2017			54	110					
3/13/2017	6							<5	8
3/14/2017		<5			1200	260	<5		
3/15/2017			14	82					
5/15/2017	<5							<5	<5
5/18/2017		10	38	100	1500	360	26		
10/2/2017	<5							<5	6
10/5/2017		<5			980	240	<5		
10/6/2017			22	110					
12/19/2017				72 (R)	900 (R)	460 (R)			
3/12/2018	18							14	<5
3/14/2018		8	14	66	1100	300	<5		
6/5/2018	10							<5	14
6/10/2018		8			1500	560	6		
6/11/2018			8	96					
10/16/2018	32							12	6
10/18/2018		28		64	860	250	68		
10/19/2018			54						
2/27/2019	110	68						54	110
3/1/2019					440	210	28		
3/2/2019			28	210					
5/31/2019	46	<5						8	26
6/3/2019			54		950	500	28		
6/11/2019				110					
11/6/2019	<5	10						4 (J)	<5
11/7/2019				50	980				
11/9/2019			24			720	42		
4/16/2020	28	44						18	8
4/17/2020				70			48		
4/18/2020			54		1100	180			
10/7/2020	30	24						20	26
10/8/2020			32	120	500	260	100		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:39 PM View: Descriptive - 100 Series

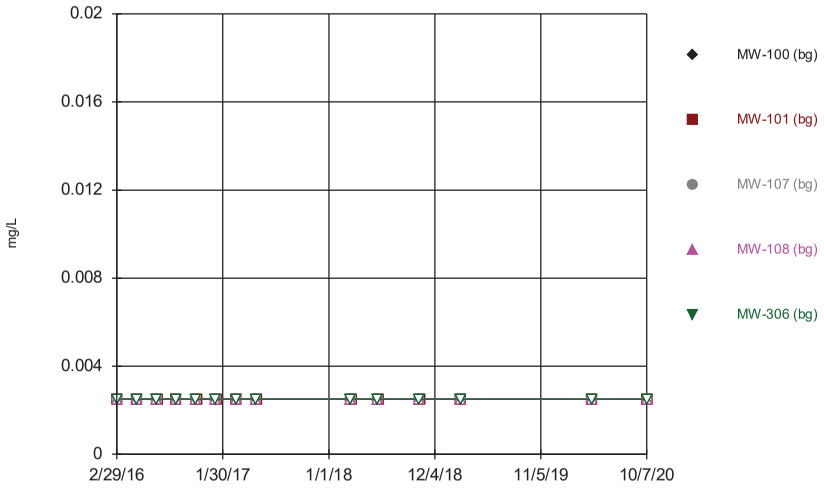
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-307 (bg)	MW-109	MW-110
3/1/2016	10	<5		
3/2/2016			30	440
5/2/2016		36		
5/3/2016	<5			
5/5/2016			38	480
7/5/2016	<5	<5		
7/7/2016			22	470
9/6/2016	36	44		
9/7/2016			38	440
11/7/2016	<5	30		
11/10/2016			38	260
1/9/2017	<5	12		
1/12/2017			40	630
3/13/2017	22	20		
3/14/2017			22	
3/15/2017				620
5/15/2017	6	4 (J)		
5/18/2017			24	640
10/2/2017	16	24		
10/5/2017			<5	
10/6/2017				360
12/19/2017				840 (R)
3/12/2018	<5	<5		
3/14/2018			12	660
6/6/2018	20	16		
6/11/2018			26	670
10/17/2018	44	44		
10/18/2018			34	750
2/27/2019	20	28		
3/1/2019			42	640
5/31/2019	32	18		
6/3/2019			54	420
11/6/2019	24	20		
11/7/2019			24	540
4/16/2020	6	8		
4/17/2020			28	600
10/7/2020	16	12		
10/9/2020			86	660

200 Series

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

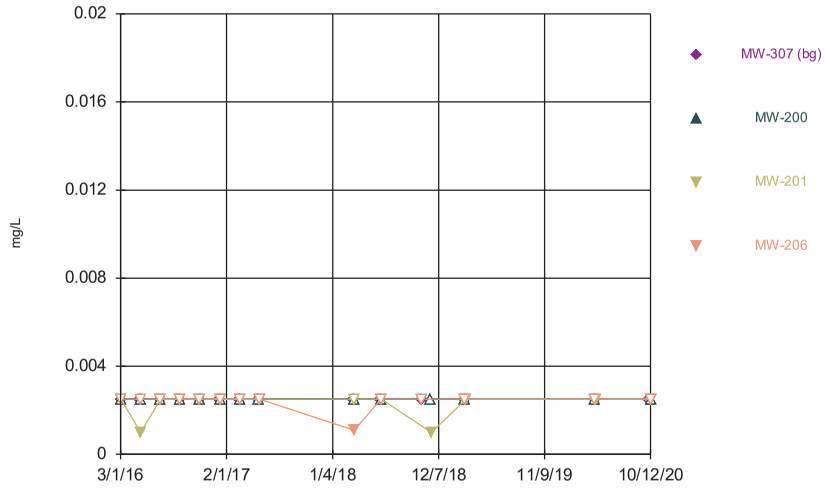
Time Series



Constituent: Antimony Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

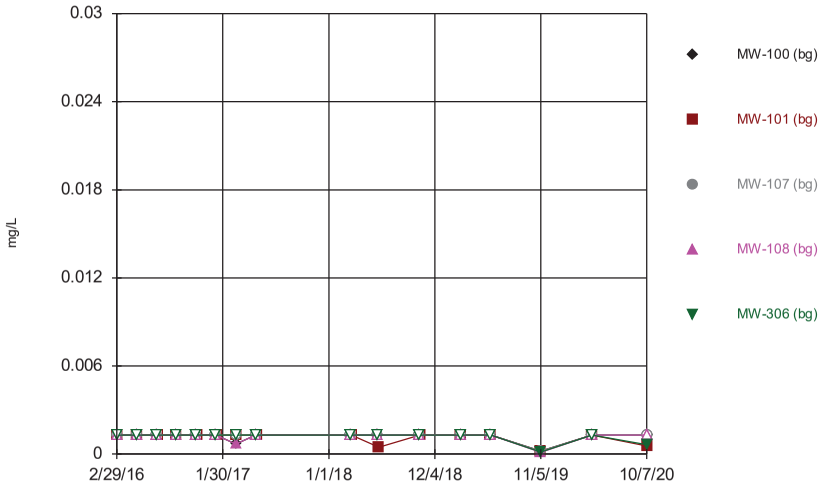
Time Series



Constituent: Antimony Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

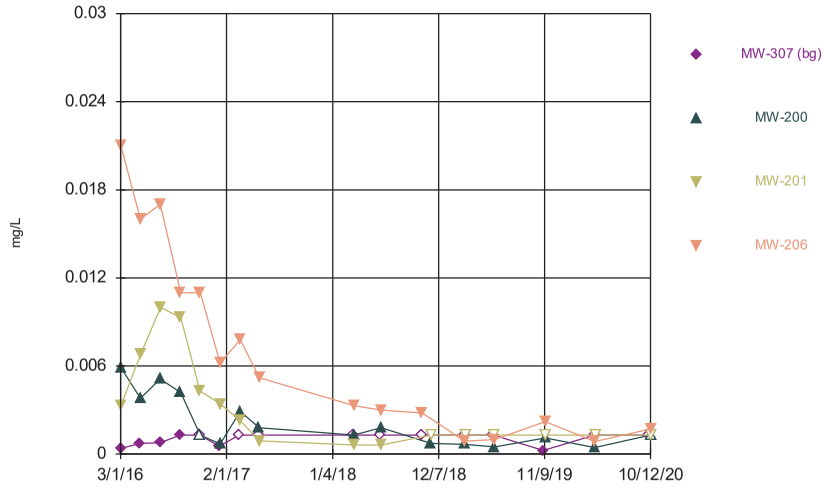
Time Series



Constituent: Arsenic Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

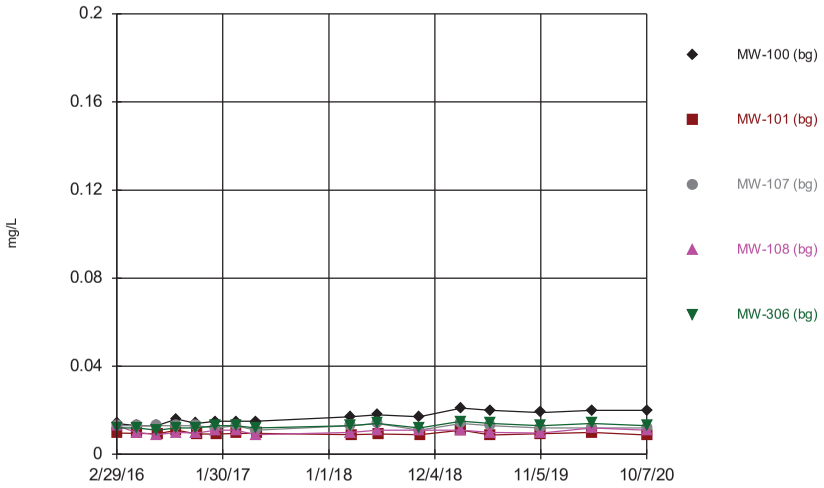
Time Series



Constituent: Arsenic Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

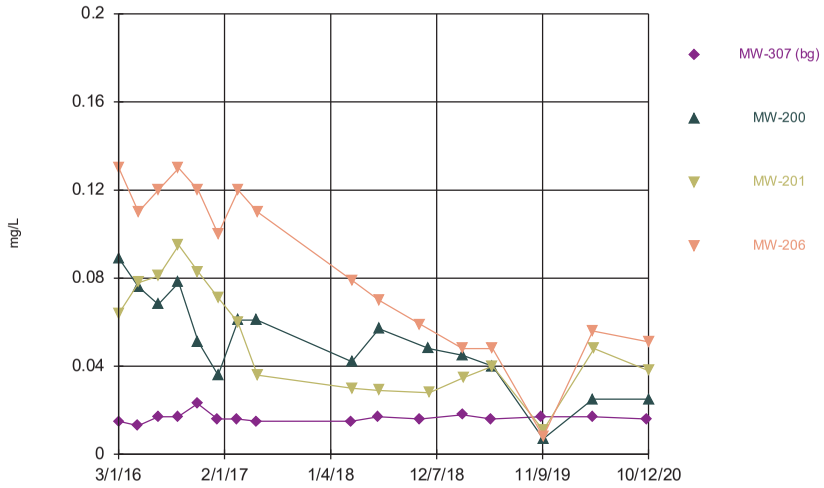
Time Series



Constituent: Barium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

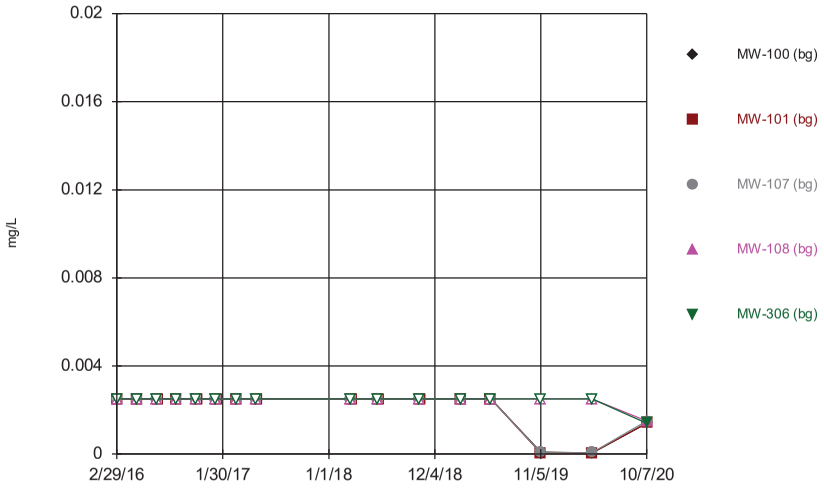
Time Series



Constituent: Barium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

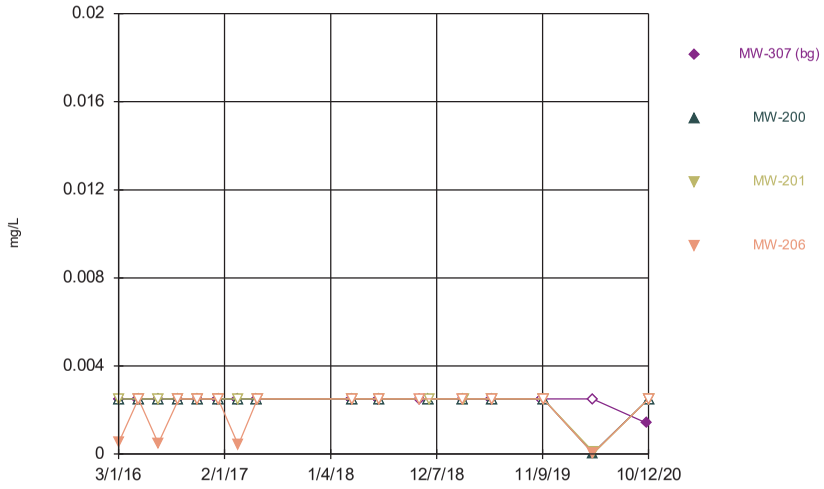
Time Series



Constituent: Beryllium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

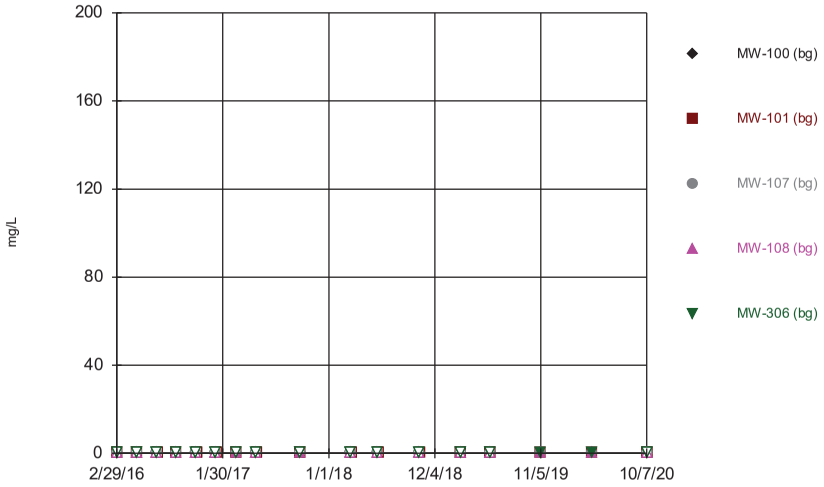
Time Series



Constituent: Beryllium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

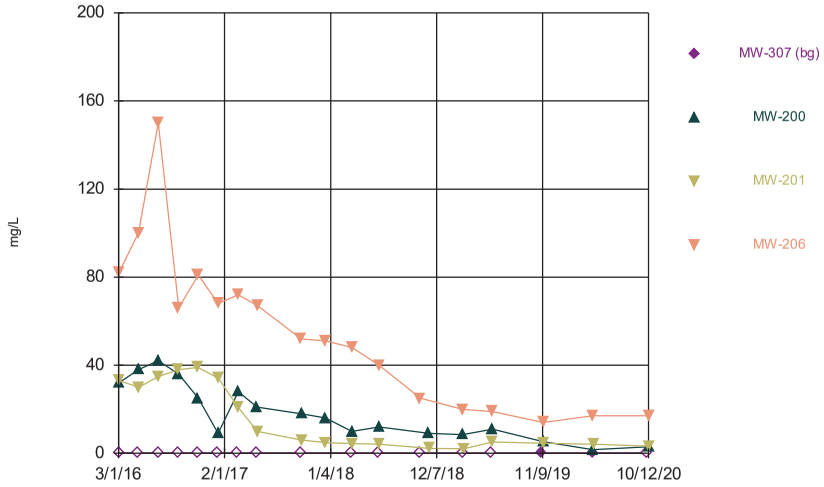
Time Series



Constituent: Boron Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

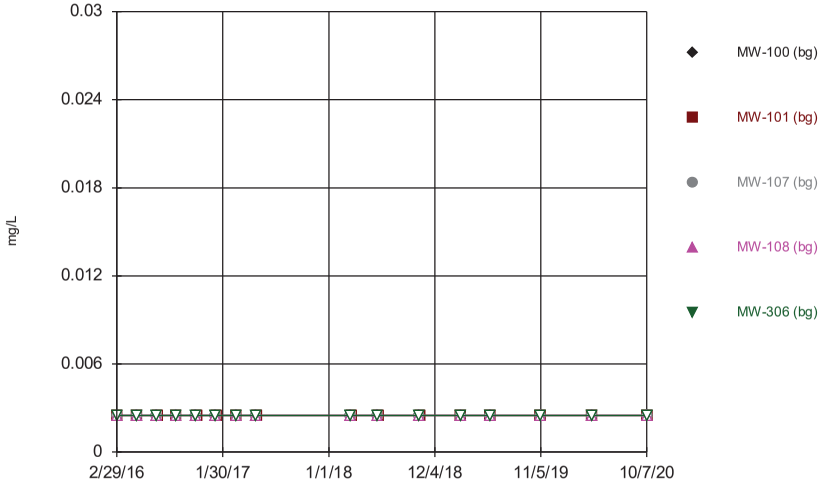
Time Series



Constituent: Boron Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

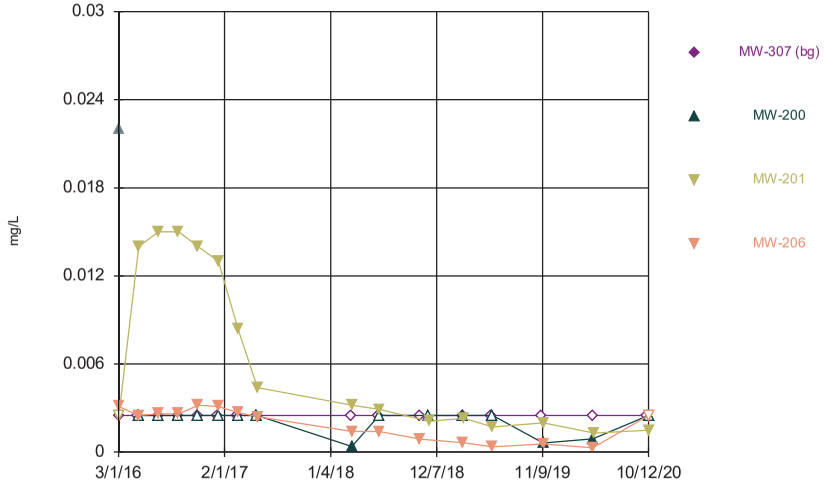
Time Series



Constituent: Cadmium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

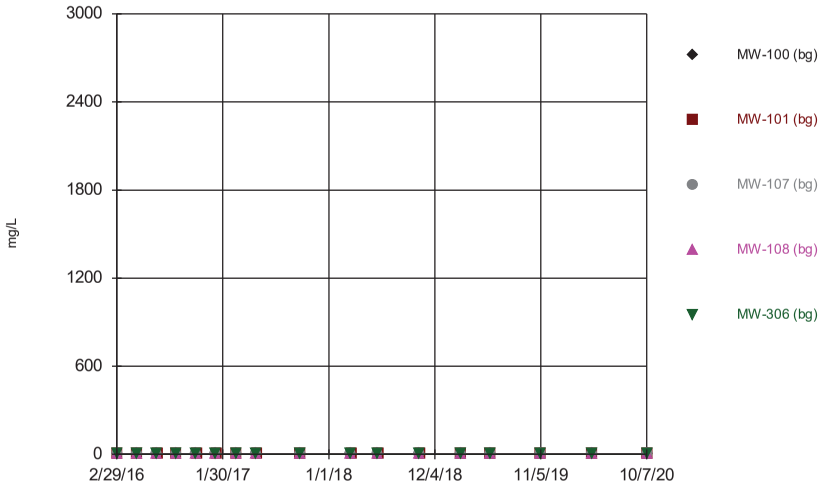
Time Series



Constituent: Cadmium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

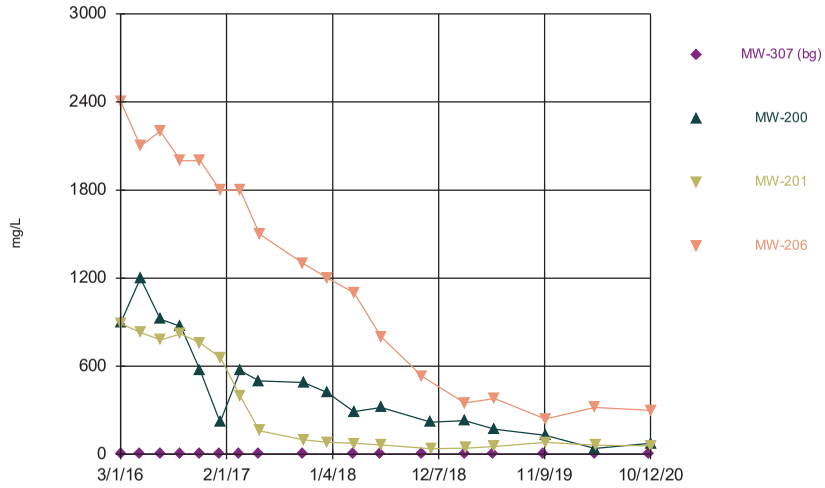
Time Series



Constituent: Calcium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

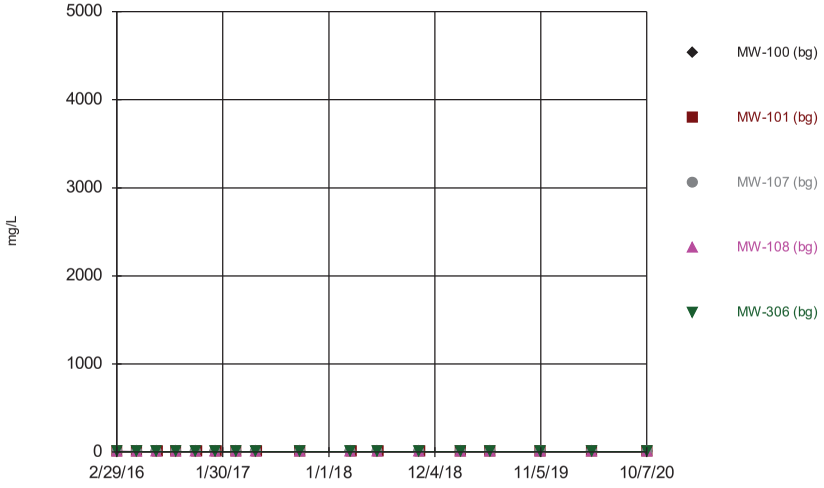
Time Series



Constituent: Calcium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

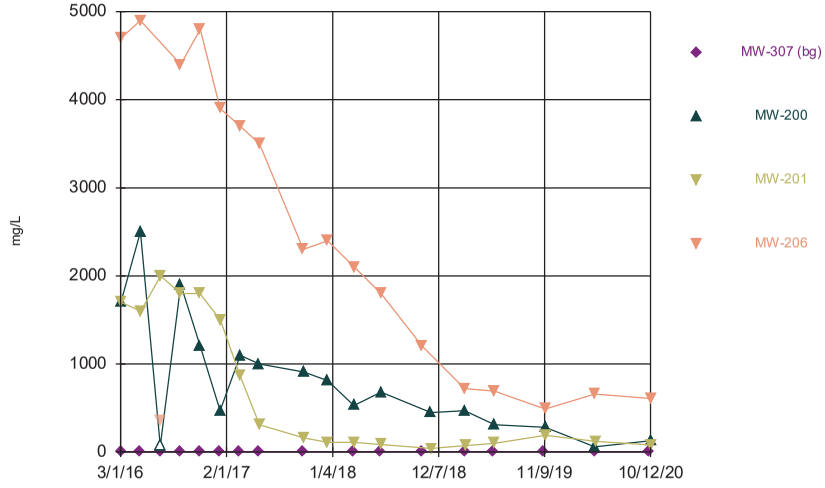
Time Series



Constituent: Chloride Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

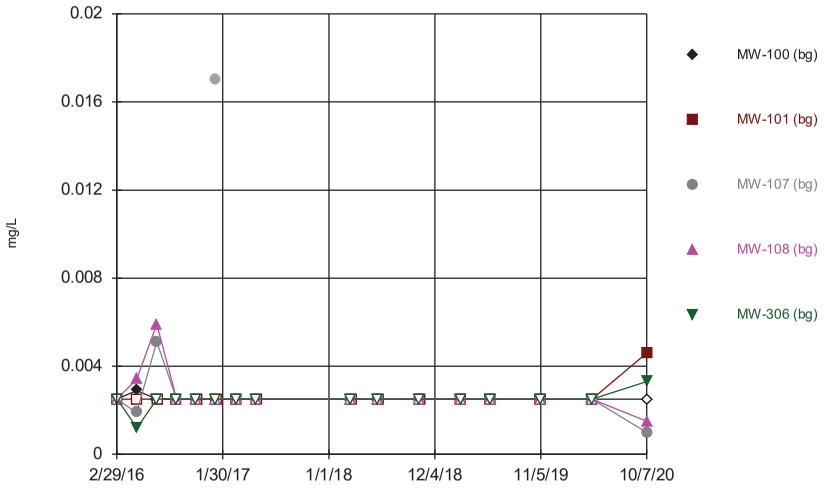
Time Series



Constituent: Chloride Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

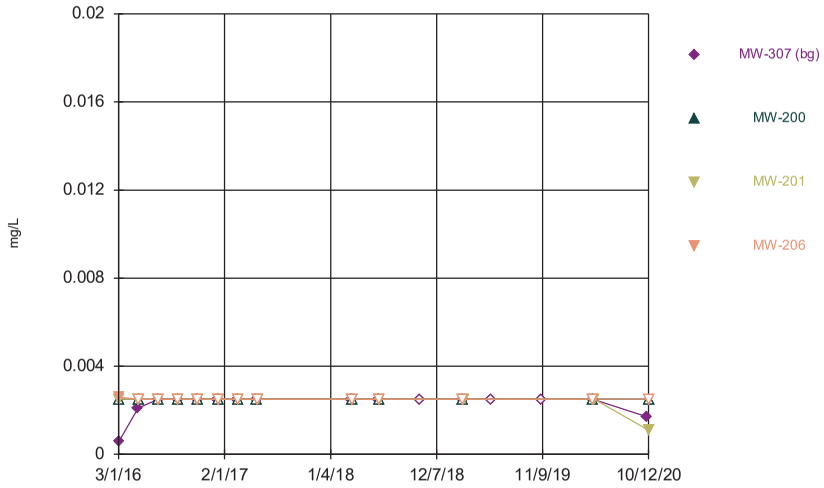
Time Series



Constituent: Chromium Analysis Run 1/7/2021 5:41 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

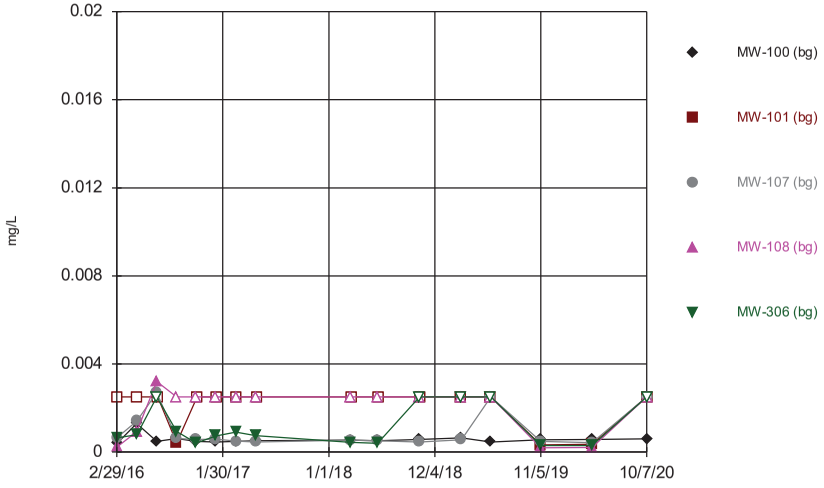
Time Series



Constituent: Chromium Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

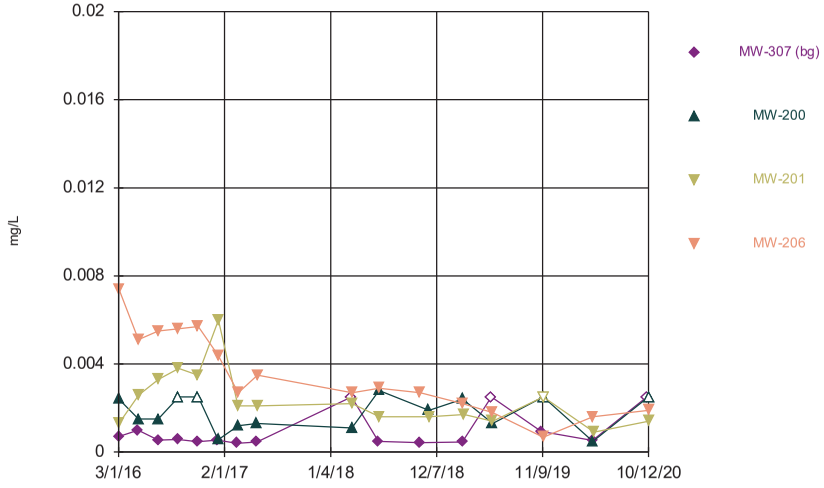
Time Series



Constituent: Cobalt Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

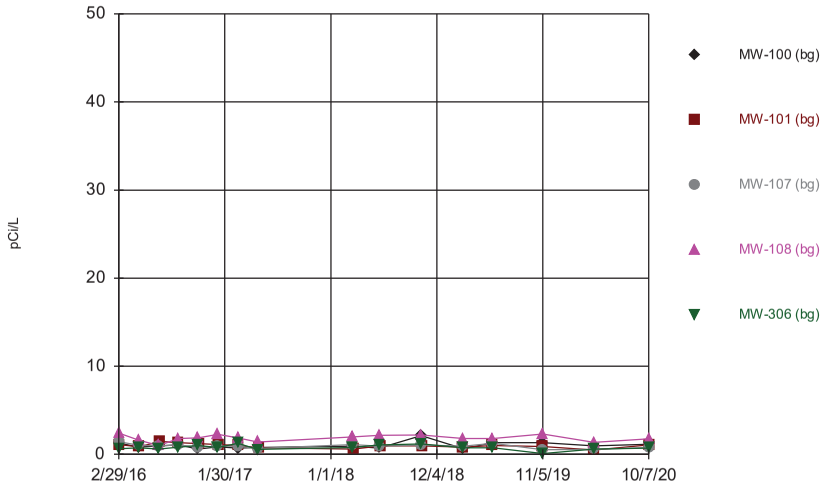
Time Series



Constituent: Cobalt Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

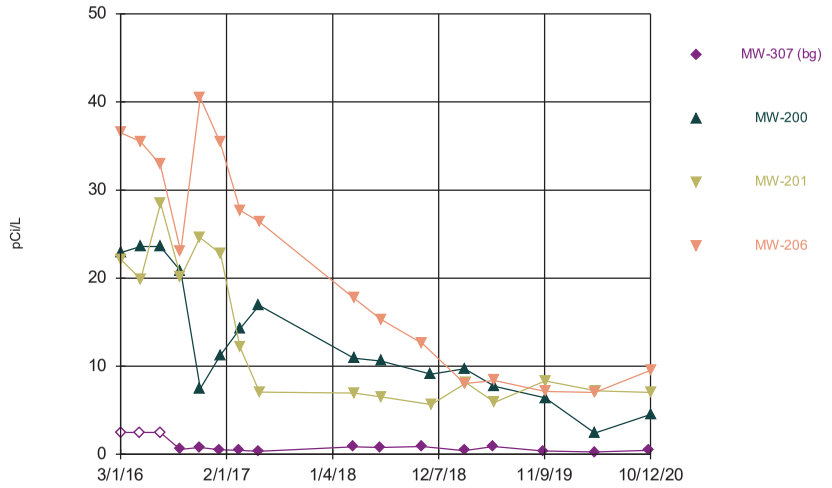
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

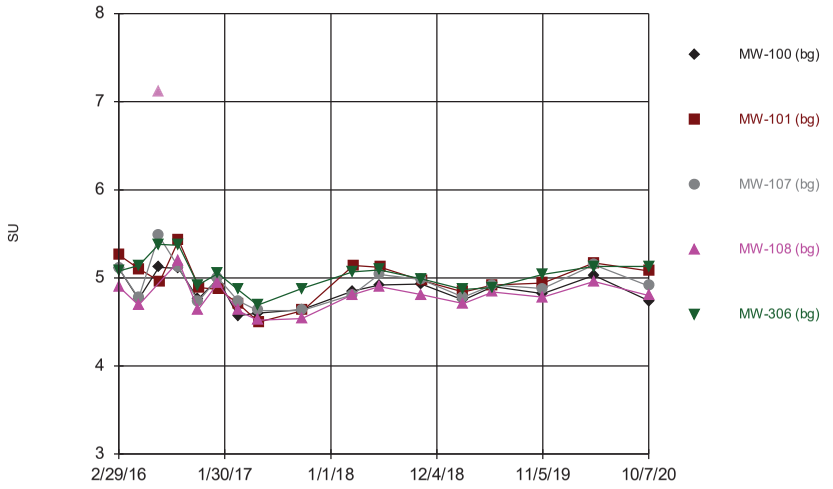
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

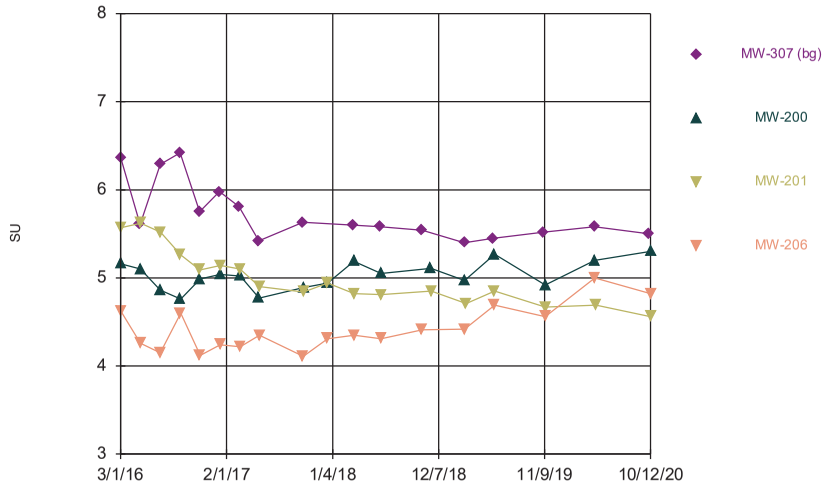
Time Series



Constituent: Field pH Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

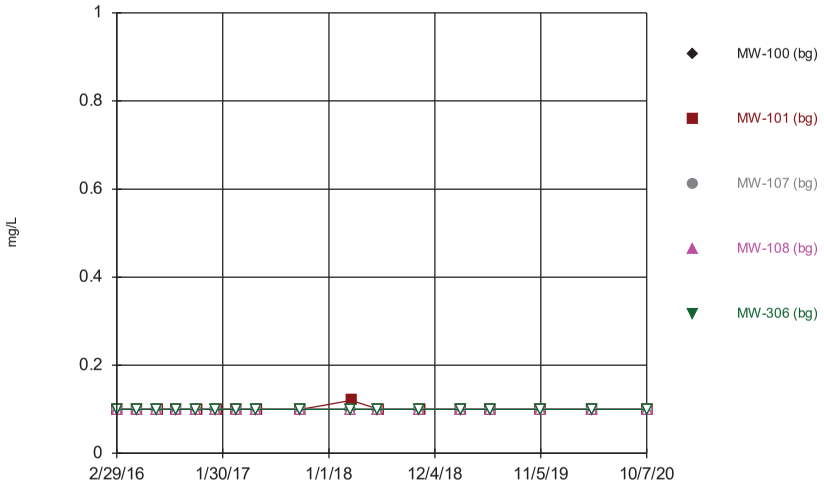
Time Series



Constituent: Field pH Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

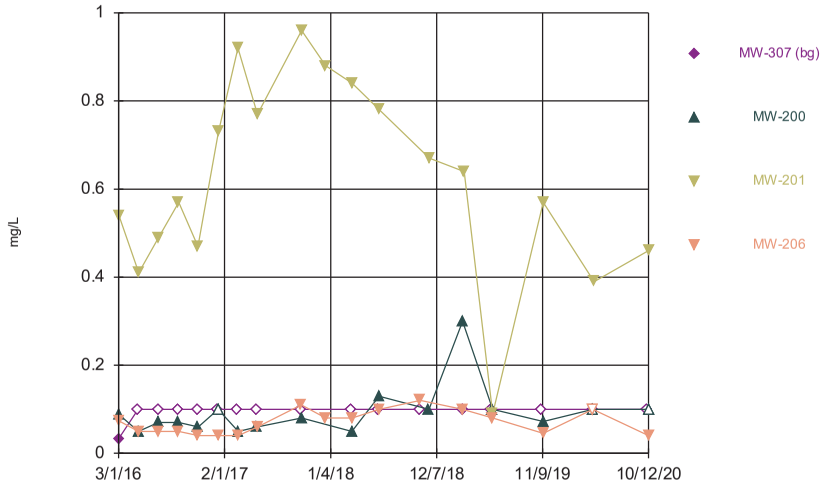
Time Series



Constituent: Fluoride Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

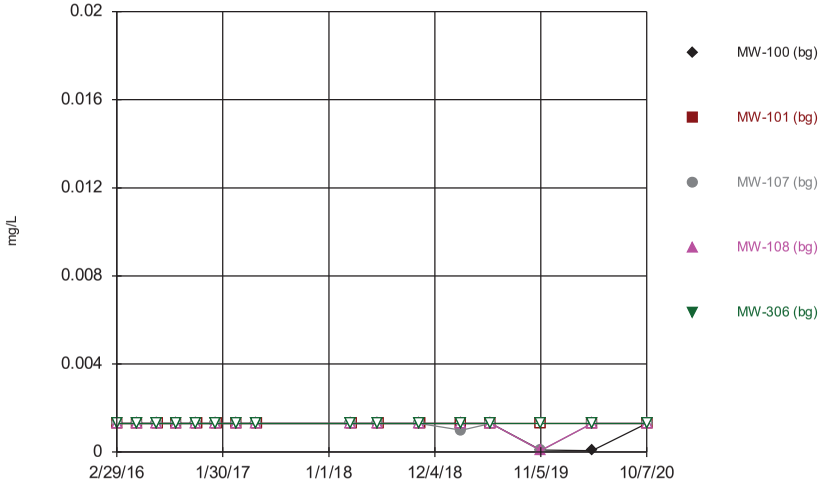
Time Series



Constituent: Fluoride Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

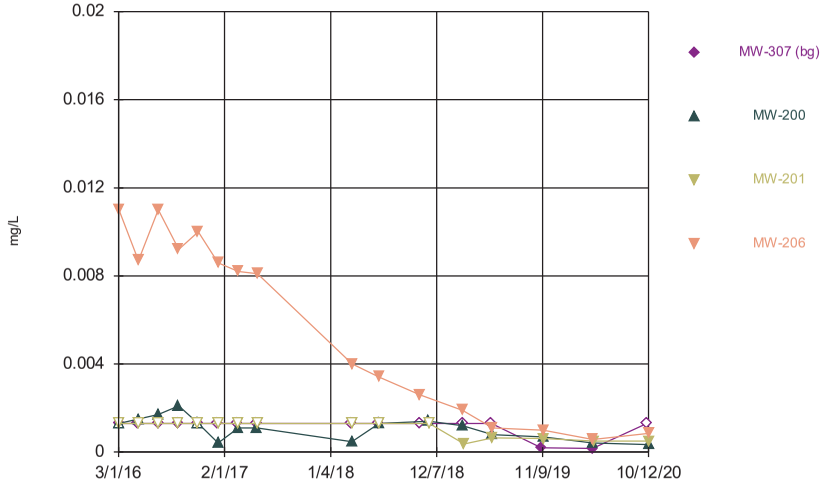
Time Series



Constituent: Lead Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

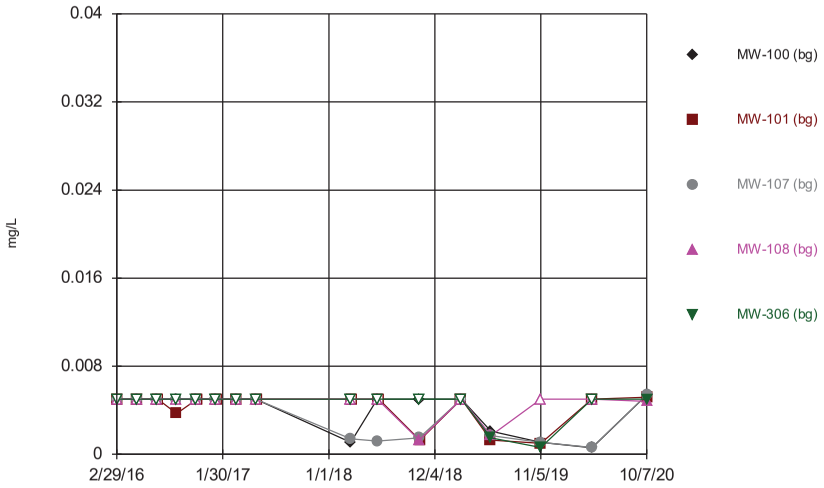
Time Series



Constituent: Lead Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

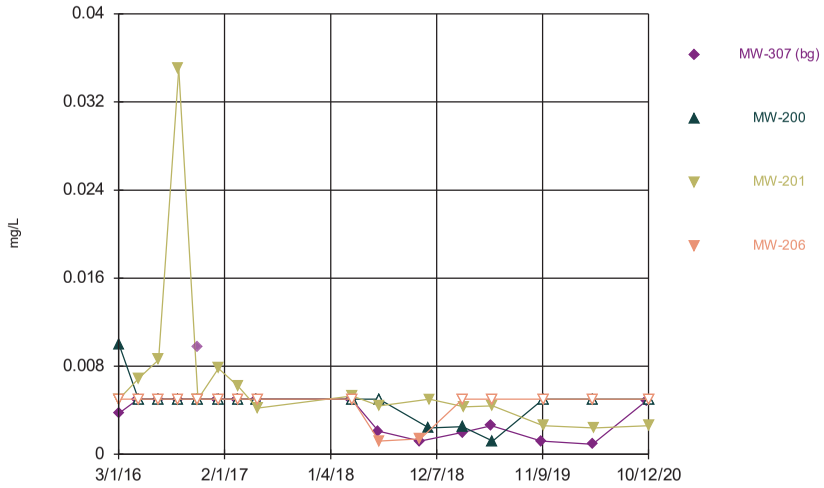
Time Series



Constituent: Lithium Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

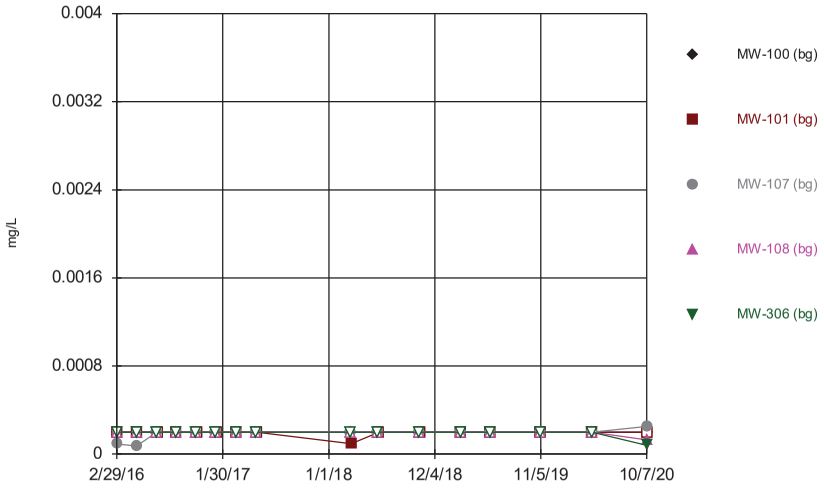
Time Series



Constituent: Lithium Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

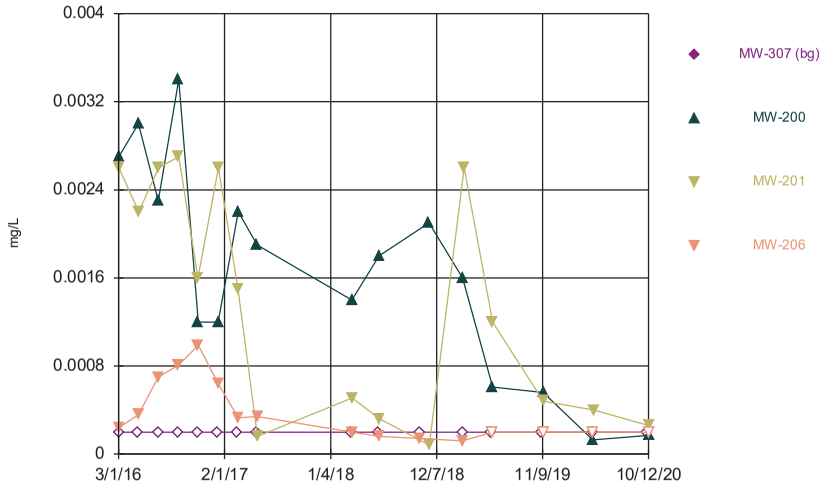
Time Series



Constituent: Mercury Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

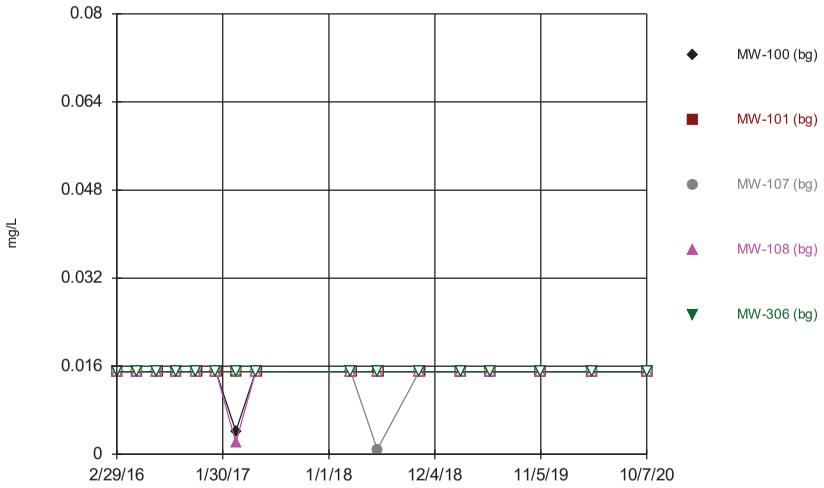
Time Series



Constituent: Mercury Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

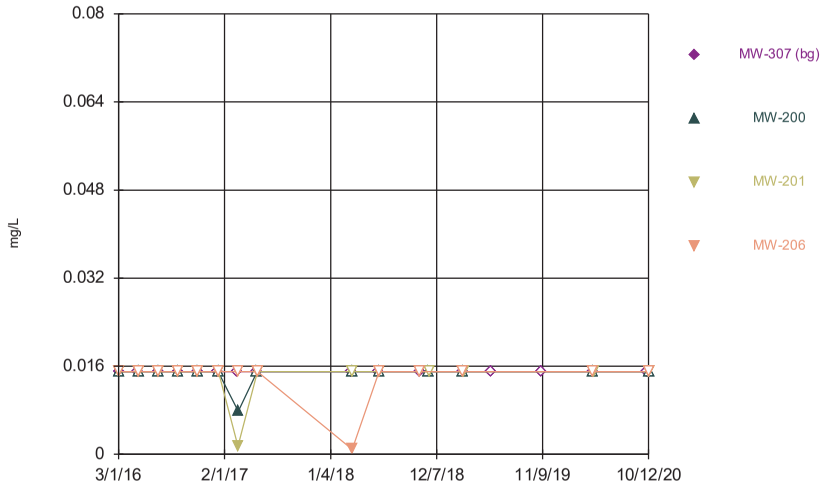
Time Series



Constituent: Molybdenum Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

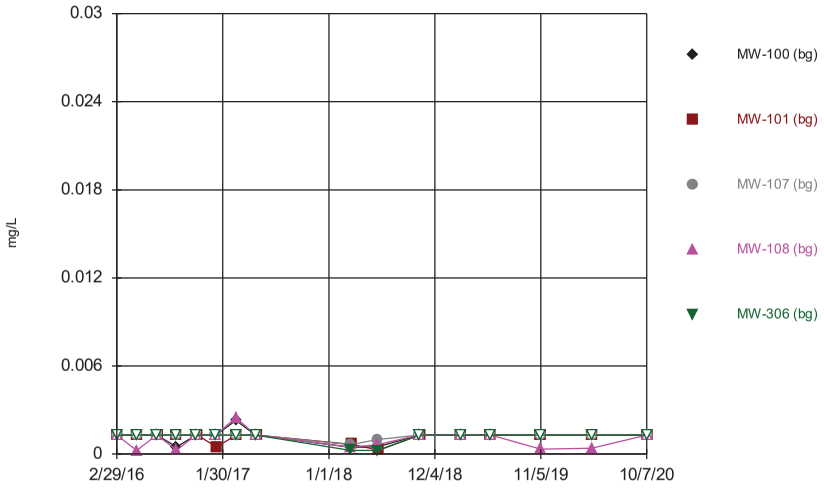
Time Series



Constituent: Molybdenum Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

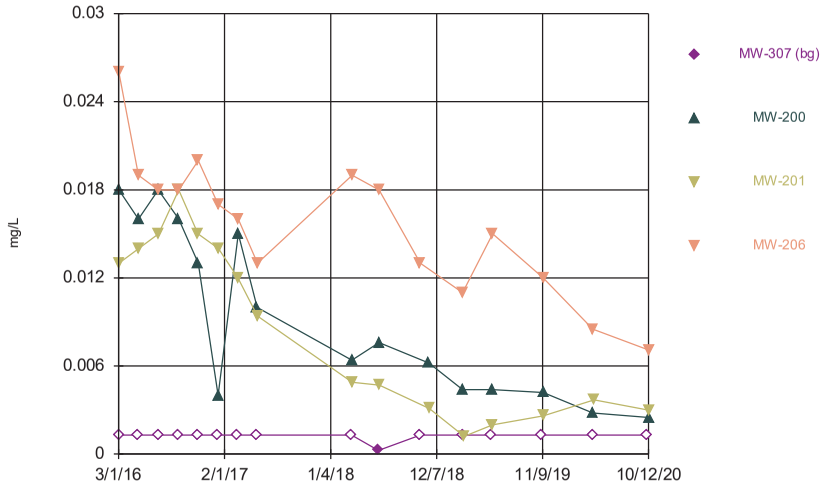
Time Series



Constituent: Selenium Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

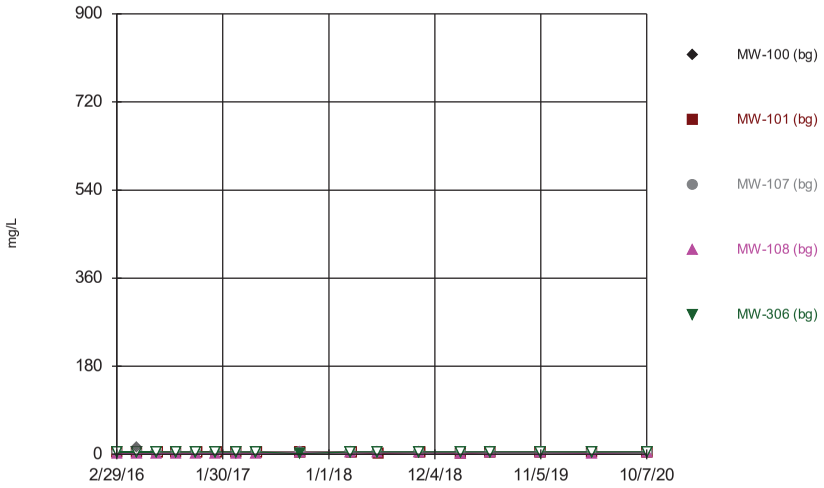
Time Series



Constituent: Selenium Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

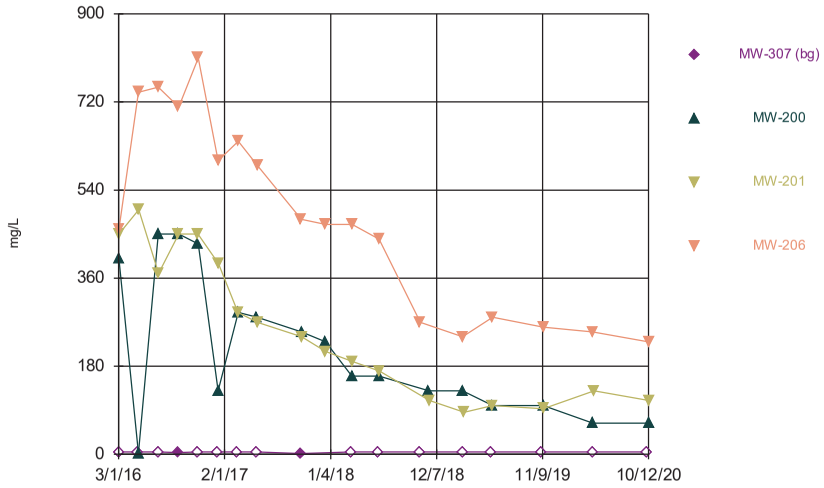
Time Series



Constituent: Sulfate Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

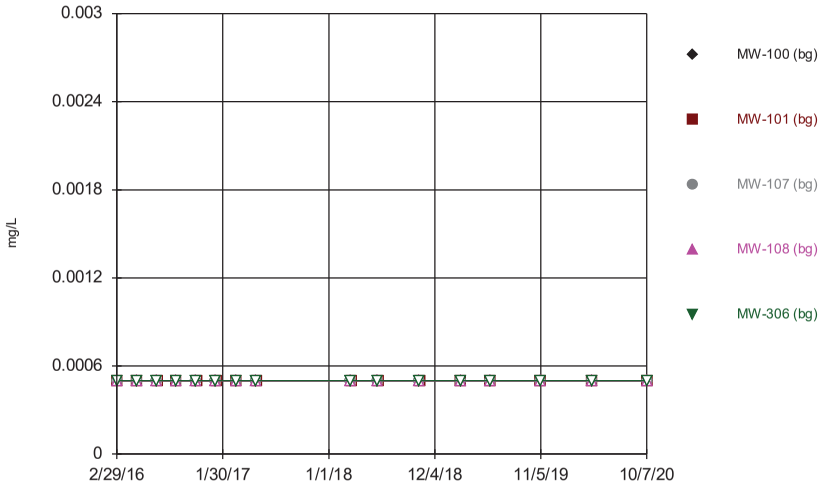
Time Series



Constituent: Sulfate Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

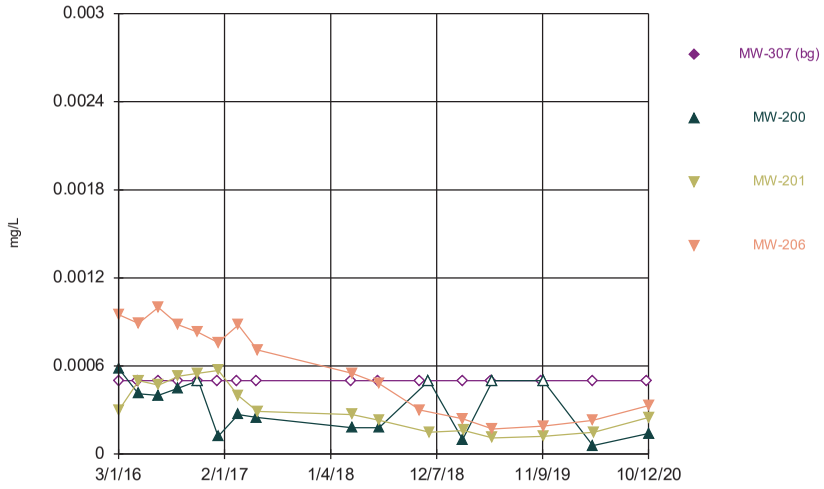
Time Series



Constituent: Thallium Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

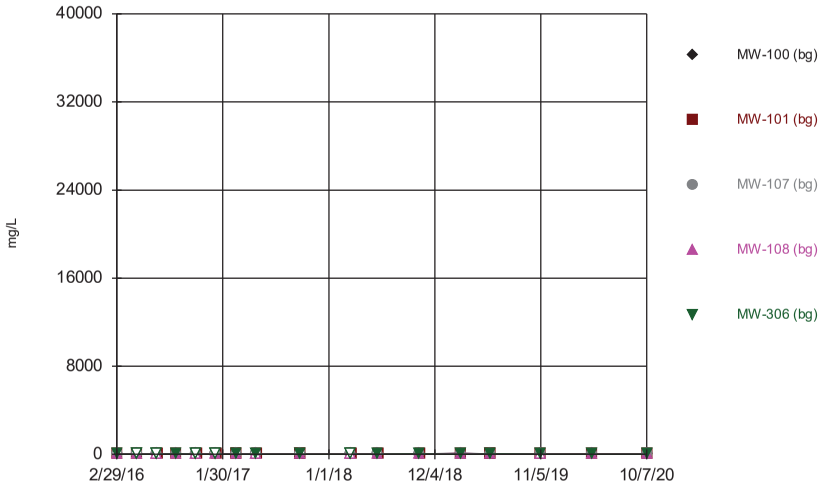
Time Series



Constituent: Thallium Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

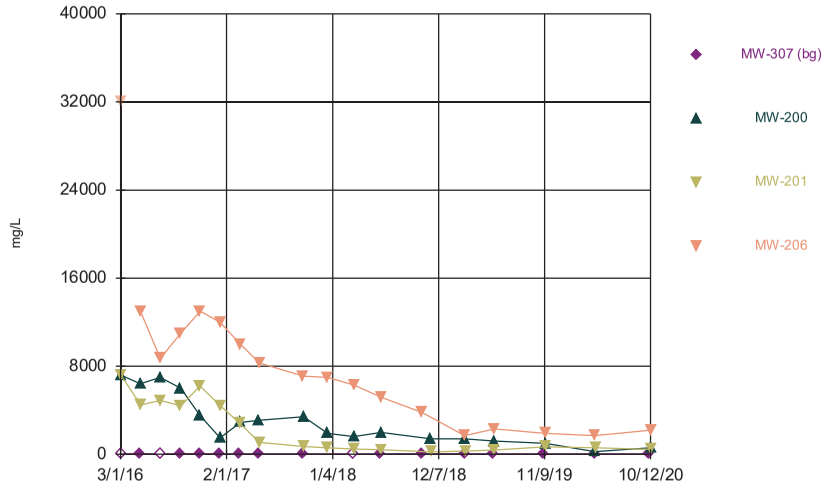
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:42 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/2/2016							<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025		<0.0025		<0.0025
5/4/2016		<0.0025						0.001 (J)	
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
7/6/2016								<0.0025	
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/8/2016							<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016								<0.0025	
11/9/2016							<0.0025		<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/11/2017		<0.0025							
1/12/2017							<0.0025		<0.0025
1/13/2017								<0.0025	
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/16/2017								<0.0025	
3/17/2017							<0.0025		<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
5/16/2017							<0.0025		
5/17/2017								<0.0025	<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025		
3/14/2018		<0.0025						<0.0025	0.0011 (J)
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025			
6/8/2018							<0.0025		<0.0025
6/9/2018								<0.0025	
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			<0.0025
10/18/2018		<0.0025							
11/13/2018							<0.0025		
11/14/2018								0.001 (J)	
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025		<0.0025
3/5/2019								<0.0025	
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/18/2020							<0.0025		<0.0025
4/22/2020								<0.0025	
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
10/12/2020							<0.0025	<0.0025	<0.0025

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	0.00038 (J)			
3/2/2016							0.0059 (J)	0.0033 (J)	0.021
5/2/2016	<0.0013		<0.0013	<0.0013		0.00073 (J)			
5/3/2016					<0.0013		0.0038		0.016
5/4/2016		<0.0013						0.0068	
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	0.00077 (J)	0.0051		0.017
7/6/2016								0.01	
7/8/2016		<0.0013							
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013			
9/8/2016							0.0042 (J)	0.0093	0.011
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016								0.0043 (J)	
11/9/2016							<0.0013		0.011
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	0.00053 (J)			
1/11/2017		<0.0013							
1/12/2017							0.00068 (J)		0.0062
1/13/2017								0.0034	
3/13/2017	0.00069 (J)		<0.0013	0.00069 (J)	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/16/2017								0.0023	
3/17/2017							0.0029		0.0078
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
5/16/2017							0.0018		
5/17/2017								0.0009 (J)	0.0052
5/18/2017		<0.0013							
3/12/2018	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/13/2018							0.0013		
3/14/2018		<0.0013						0.00062 (J)	0.0033
6/5/2018	<0.0013		<0.0013	<0.0013					
6/6/2018					<0.0013	<0.0013			
6/8/2018							0.0018		0.003
6/9/2018								0.00063 (J)	
6/10/2018		0.00046 (J)							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013			0.0028
10/18/2018		<0.0013							
11/13/2018							0.00072 (J)		
11/14/2018								<0.0013	
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
2/28/2019							0.00067 (J)		0.00089 (J)
3/5/2019								<0.0013	
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
6/4/2019							0.00048 (J)	<0.0013	0.001 (J)
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)	0.00014 (J)	0.00024 (J)			
11/12/2019							0.0011 (J)	<0.0013	0.0022 (V)
4/16/2020	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
4/18/2020							0.00044		0.00086
4/22/2020								<0.0013	
10/7/2020	<0.0013	0.00056 (J)	<0.0013	<0.0013	0.00064 (J)	<0.0013			
10/12/2020							<0.0013	<0.0013	0.0017

Time Series

Constituent: Barium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	0.014	0.0097 (J)	0.013	0.013					
3/1/2016					0.012	0.015			
3/2/2016							0.089	0.064	0.13
5/2/2016	0.013		0.013	0.01		0.013			
5/3/2016					0.012		0.076		0.11
5/4/2016		0.0095						0.078	
7/5/2016	0.013		0.013	0.0089	0.011	0.017	0.068		0.12
7/6/2016								0.081	
7/8/2016		0.0093							
9/6/2016	0.016	0.011	0.013	0.01	0.012	0.017			
9/8/2016							0.078	0.095	0.13
11/7/2016	0.014		0.013	0.0096	0.012	0.023			
11/8/2016								0.083	
11/9/2016							0.051		0.12
11/10/2016		0.0092							
1/9/2017	0.015		0.012	0.011	0.013	0.016			
1/11/2017		0.0092							
1/12/2017							0.036		0.1
1/13/2017								0.071	
3/13/2017	0.015		0.013	0.011	0.013	0.016			
3/14/2017		0.0095							
3/16/2017								0.06	
3/17/2017							0.061		0.12
5/15/2017	0.015		0.011	0.0089	0.012	0.015			
5/16/2017							0.061		
5/17/2017								0.036	0.11
5/18/2017		0.0095							
3/12/2018	0.017		0.013	0.01	0.013	0.015			
3/13/2018							0.042		
3/14/2018		0.0089						0.03	0.079
6/5/2018	0.018		0.014	0.011					
6/6/2018					0.014	0.017			
6/8/2018							0.057		0.07
6/9/2018								0.029	
6/10/2018		0.0092							
10/16/2018	0.017		0.011	0.011					
10/17/2018					0.012	0.016			0.059
10/18/2018		0.0089							
11/13/2018							0.048		
11/14/2018								0.028	
2/27/2019	0.021	0.011	0.014	0.011	0.015	0.018			
2/28/2019							0.045		0.048
3/5/2019								0.035	
5/31/2019	0.02	0.0088	0.013	0.01	0.014	0.016			
6/4/2019							0.04	0.04	0.048
11/6/2019	0.019	0.0094	0.012	0.0097	0.013	0.017			
11/12/2019							0.0071	0.011	0.0081
4/16/2020	0.02	0.0099	0.012	0.012	0.014	0.017			
4/18/2020							0.025		0.056
4/22/2020								0.048	
10/7/2020	0.02	0.0088	0.012	0.011	0.013	0.016			
10/12/2020							0.025	0.038	0.051

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/2/2016							<0.0025	<0.0025	0.00055 (J)
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025		<0.0025		<0.0025
5/4/2016		<0.0025						<0.0025	
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		0.00048 (J)
7/6/2016								<0.0025	
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/8/2016							<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016								<0.0025	
11/9/2016							<0.0025		<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/11/2017		<0.0025							
1/12/2017							<0.0025		<0.0025
1/13/2017								<0.0025	
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/16/2017								<0.0025	
3/17/2017							<0.0025		0.00042 (J)
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
5/16/2017							<0.0025		
5/17/2017								<0.0025	<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025		
3/14/2018		<0.0025						<0.0025	<0.0025
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025			
6/8/2018							<0.0025		<0.0025
6/9/2018								<0.0025	
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			<0.0025
10/18/2018		<0.0025							
11/13/2018							<0.0025 (J3)		
11/14/2018								<0.0025 (J3)	
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025		<0.0025
3/5/2019								<0.0025	
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/4/2019							<0.0025	<0.0025	<0.0025
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0025	<0.0025	<0.0025			
11/12/2019							<0.0025	<0.0025	<0.0025
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0025	<0.0025	<0.0025			
4/18/2020							4.5E-05 (J)		4.1E-05 (J)
4/22/2020								6.9E-05 (J)	
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)	0.0014 (J)	0.0014 (J)			
10/12/2020							<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/2/2016							32	33	82
5/2/2016	<0.05		<0.05	<0.05		<0.05			
5/3/2016					<0.05		38		100
5/4/2016		<0.05						30	
7/5/2016	<0.05		<0.05	<0.05	<0.05	<0.05	42		150
7/6/2016								35	
7/8/2016		<0.05							
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/8/2016							36	38	66
11/7/2016	<0.05		<0.05	<0.05	<0.05	<0.05			
11/8/2016								39	
11/9/2016							25		81
11/10/2016		<0.05							
1/9/2017	<0.05		<0.05	<0.05	<0.05	<0.05			
1/11/2017		<0.05							
1/12/2017							9.1		68
1/13/2017								34	
3/13/2017	<0.05		<0.05	0.022 (J)	<0.05	<0.05			
3/14/2017		<0.05							
3/16/2017								21	
3/17/2017							28		72
5/15/2017	<0.05		<0.05	<0.05	<0.05	<0.05			
5/16/2017							21		
5/17/2017								10	67
5/18/2017		<0.05							
10/2/2017	<0.05		<0.05	0.023 (J)	<0.05	<0.05			
10/3/2017									52
10/4/2017							18	6	
10/5/2017		<0.05							
12/20/2017							16 (R)	4.9 (R)	51
3/12/2018	<0.05		<0.05	<0.05	<0.05	<0.05			
3/13/2018							10		
3/14/2018		<0.05						4.4	48
6/5/2018	<0.05		<0.05	<0.05					
6/6/2018					<0.05	<0.05			
6/8/2018							12		40
6/9/2018								4.1	
6/10/2018		<0.05							
10/16/2018	<0.05		<0.05	<0.05					
10/17/2018					<0.05	<0.05			25
10/18/2018		0.081							
11/13/2018							9.1		
11/14/2018								2.3	
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							8.5		20
3/5/2019								2.1	
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
6/4/2019							11	5.2	19
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)	0.011 (V)	0.0099 (J)			
11/12/2019							5.3	4.5	14

Time Series

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	0.02	0.013	0.013	0.017	0.0075 (J)	0.0055 (J)			
4/18/2020							1.6		17
4/22/2020								4.2	
10/7/2020	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/12/2020							3	3.3	17

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/2/2016							0.022 (o)	<0.0025	0.0031 (J)
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025		<0.0025		0.0025
5/4/2016		<0.0025						0.014	
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		0.0026
7/6/2016								0.015	
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/8/2016							<0.0025	0.015	0.0026 (J)
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016								0.014	
11/9/2016							<0.0025		0.0032 (J)
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/11/2017		<0.0025							
1/12/2017							<0.0025		0.0031
1/13/2017								0.013	
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/16/2017								0.0084	
3/17/2017							<0.0025		0.0027
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
5/16/2017							<0.0025		
5/17/2017								0.0044	0.0024 (J)
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							0.00039 (J)		
3/14/2018		<0.0025						0.0032	0.0014 (J)
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025			
6/8/2018							<0.0025		0.0014 (J)
6/9/2018								0.0029	
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			0.00088 (J)
10/18/2018		<0.0025							
11/13/2018							<0.0025		
11/14/2018								0.0021 (J)	
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025		0.00065 (J)
3/5/2019								0.0023 (J)	
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/4/2019							<0.0025	0.0017 (J)	0.00035 (J)
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/12/2019							0.00061 (J)	0.002 (J)	0.00055 (J)
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/18/2020							0.00091		0.00029 (J)
4/22/2020								0.0013	
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
10/12/2020							<0.0025	0.0015 (J)	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	1	1 (J)	0.67	1.4					
3/1/2016					0.6	1.5			
3/2/2016							900	890	2400
5/2/2016	0.78		0.58	1.1		0.83			
5/3/2016					0.55		1200		2100
5/4/2016		0.62						830	
7/5/2016	0.65		0.43	0.94	0.53	1.6	920		2200
7/6/2016								780	
7/8/2016		0.4							
9/6/2016	0.7	0.45	0.48	1	0.5	1.6			
9/8/2016							870	820	2000
11/7/2016	0.8		0.56	1.2	0.68	1.5			
11/8/2016								760	
11/9/2016							570		2000
11/10/2016		0.44							
1/9/2017	0.74		0.43	1.2	0.56	0.98			
1/11/2017		0.42							
1/12/2017							220		1800
1/13/2017								660	
3/13/2017	0.78		0.48	1.3	0.62	0.75			
3/14/2017		0.42							
3/16/2017								400	
3/17/2017							570		1800
5/15/2017	0.76		0.37	1	0.58	0.83			
5/16/2017							500		
5/17/2017								160	1500
5/18/2017		0.38							
10/2/2017	0.78		0.47	1.2	0.62	0.83			
10/3/2017									1300
10/4/2017							490	100	
10/5/2017		0.39							
12/20/2017							420 (R)	82 (R)	1200
3/12/2018	0.88		0.49	1.4	0.59	0.71			
3/13/2018							290		
3/14/2018		0.49						75	1100
6/5/2018	0.9		0.49	1.2					
6/6/2018					0.59	0.68			
6/8/2018							320		800
6/9/2018								64	
6/10/2018		0.39							
10/16/2018	0.86		0.42	1.4					
10/17/2018					0.54	0.66			530
10/18/2018		0.41							
11/13/2018							220		
11/14/2018								38	
2/27/2019	0.96	0.44	0.56	1.3	0.63	0.7			
2/28/2019							230		350
3/5/2019								43	
5/31/2019	0.76	0.28	0.33	1.1	0.45	0.52			
6/4/2019							170	54	380 (D)
11/6/2019	0.88	0.46	0.49	1.2	0.55	0.74			
11/12/2019							130	82	240

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	0.84	0.38	0.36	1.3	0.53	0.59			
4/18/2020							40		320
4/22/2020								61	
10/7/2020	0.93	0.47	0.43	1.6	0.63	0.67			
10/12/2020							74	58	300

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	5.3	5.4	8.1	7.4					
3/1/2016					5.6	4			
3/2/2016							1700	1700	4700
5/2/2016	4.4		6	6.3		3.6			
5/3/2016					5.1		2500		4900
5/4/2016		4.5						1600	
7/5/2016	4.2		5.2	4.8	4.7	3.6	<140 (*)		360 (o)
7/6/2016								2000	
7/8/2016		4.9							
9/6/2016	4.3	4.3	5.5	6	4.4	4			
9/8/2016							1900	1800	4400
11/7/2016	4.2		5.4	5.7	4.6	4.4			
11/8/2016								1800	
11/9/2016							1200		4800
11/10/2016		4.5							
1/9/2017	5.3		6.1	6.8	5.3	4.4			
1/11/2017		5.3							
1/12/2017							470		3900
1/13/2017								1500	
3/13/2017	5.2		5.5	6.8	5.6	4.1			
3/14/2017		5.5							
3/16/2017								870	
3/17/2017							1100		3700
5/15/2017	4.8		4.7	6.1	5.2	3.7			
5/16/2017							1000		
5/17/2017								310	3500
5/18/2017		5							
10/2/2017	5.5		6.1	6	5.5	4.8			
10/3/2017									2300
10/4/2017							910	160	
10/5/2017		5.6							
12/20/2017							810 (R)	110 (R)	2400
3/12/2018	5.3		6.1	5.9	5.6	4			
3/13/2018							530		
3/14/2018		5.2						110	2100
6/5/2018	5.3		5.5	6.5					
6/6/2018					5.6	4.1			
6/8/2018							680		1800
6/9/2018								86	
6/10/2018		5.2							
10/16/2018	5.5		5.1	5.9					
10/17/2018					5.5	3.7			1200
10/18/2018		5.2							
11/13/2018							450		
11/14/2018								41	
2/27/2019	4.6	5.1	5	4.3	5.1	4			
2/28/2019							470		720
3/5/2019								75	
5/31/2019	5.1	5	5.4	4.5	5.4	3.7			
6/4/2019							310	98	690
11/6/2019	5.8	6	6.1	5.7	5.9	4.7			
11/12/2019							280	190	490

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	6.1	5.8	5.3	5.6	6.2	4.9			
4/18/2020							59		660
4/22/2020								120	
10/7/2020	6.6	5.9	5.7	5.1	6.1	4.7			
10/12/2020							130	82	610

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	0.00056 (J)			
3/2/2016							<0.0025	<0.0025	0.0026 (J)
5/2/2016	0.0029		0.0019 (J)	0.0034		0.0021 (J)			
5/3/2016					0.0012 (J)		<0.0025		<0.0025
5/4/2016		<0.0025						<0.0025	
7/5/2016	<0.0025		0.0051	0.0059	<0.0025	<0.0025	<0.0025		<0.0025
7/6/2016								<0.0025	
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/8/2016							<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016								<0.0025	
11/9/2016							<0.0025		<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		0.017 (o)	<0.0025	<0.0025	<0.0025			
1/11/2017		<0.0025							
1/12/2017							<0.0025		<0.0025
1/13/2017								<0.0025	
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/16/2017								<0.0025	
3/17/2017							<0.0025		<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
5/16/2017							<0.0025		
5/17/2017								<0.0025	<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025		
3/14/2018		<0.0025						<0.0025	<0.0025
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025			
6/8/2018							<0.0025		<0.0025
6/9/2018								<0.0025	
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			
10/18/2018		<0.0025							
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025		<0.0025
3/5/2019								<0.0025	
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/18/2020							<0.0025		<0.0025
4/22/2020								<0.0025	
10/7/2020	<0.0025	0.0046	0.001 (J)	0.0015 (J)	0.0033	0.0017 (J)			
10/12/2020							<0.0025	0.0011 (J)	<0.0025

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	0.00039 (J)	<0.0025	0.00064 (J)	0.00023 (J)					
3/1/2016					0.00064 (J)	0.00071 (J)			
3/2/2016							0.0024 (J)	0.0013 (J)	0.0074 (J)
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		0.001 (J)			
5/3/2016					0.00079 (J)		0.0015 (J)		0.0051
5/4/2016		<0.0025						0.0026	
7/5/2016	0.00049 (J)		0.0027	0.0032	<0.0025	0.00055 (J)	0.0015 (J)		0.0055
7/6/2016								0.0033	
7/8/2016		<0.0025							
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0025	0.00094 (J)	0.00057 (J)			
9/8/2016							<0.0025	0.0038 (J)	0.0056 (J)
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0025	0.00041 (J)	0.00047 (J)			
11/8/2016								0.0035 (J)	
11/9/2016							<0.0025		0.0057 (J)
11/10/2016		<0.0025							
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0025	0.00074 (J)	0.00054 (J)			
1/11/2017		<0.0025							
1/12/2017							0.00056 (J)		0.0044
1/13/2017								0.006	
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0025	0.00091 (J)	0.0004 (J)			
3/14/2017		<0.0025							
3/16/2017								0.0021 (J)	
3/17/2017							0.0012 (J)		0.0027
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0025	0.00075 (J)	0.00046 (J)			
5/16/2017							0.0013 (J)		
5/17/2017								0.0021 (J)	0.0035
5/18/2017		<0.0025							
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0025	0.00044 (J)	<0.0025			
3/13/2018							0.0011 (J)		
3/14/2018		<0.0025						0.0022 (J)	0.0027
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0025					
6/6/2018					0.0004 (J)	0.00048 (J)			
6/8/2018							0.0028		0.0029
6/9/2018								0.0016 (J)	
6/10/2018		<0.0025							
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0025					
10/17/2018					<0.0025	0.00043 (J)			0.0027
10/18/2018		<0.0025							
11/13/2018							0.0019 (J)		
11/14/2018								0.0016 (J)	
2/27/2019	0.00065 (J)	<0.0025	0.00056 (J)	<0.0025	<0.0025	0.00045 (J)			
2/28/2019							0.0024 (J)		0.0022 (J)
3/5/2019								0.0017 (J)	
5/31/2019	0.00046 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/4/2019							0.0013 (J)	0.0014 (J)	0.0018 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	0.00029 (J)	0.00094 (J)			
11/12/2019							<0.0025	<0.0025	0.00067 (J)
4/16/2020	0.00058	0.00035 (J)	0.00043 (J)	0.00021 (J)	0.00029 (J)	0.00053			
4/18/2020							0.00048 (J)		0.0016
4/22/2020								0.00091	
10/7/2020	0.0006 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
10/12/2020							<0.0025	0.0014 (J)	0.0019 (J)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	1.27	1.09	1.42	2.4					
3/1/2016					0.647	<5			
3/2/2016							22.9	22.1	36.5
5/2/2016	0.808		1.03	1.62		<5			
5/3/2016					0.748		23.6		35.5
5/4/2016		0.848						19.9	
7/5/2016	0.947		0.961	1.01	0.591	<5	23.6		32.9
7/6/2016								28.5	
7/8/2016		1.46							
9/6/2016	1.07	1.34	1.07	1.8	0.831	0.566			
9/8/2016							20.8	20.1	23
11/7/2016	0.602		0.818	1.86	0.983	0.784			
11/8/2016								24.6	
11/9/2016							7.46		40.5
11/10/2016		1.23							
1/9/2017	0.865		0.934	2.25	0.767	0.541			
1/11/2017		1.11							
1/12/2017							11.2		35.4
1/13/2017								22.8	
3/13/2017	0.693		0.937	1.87	1.26	0.442			
3/14/2017		1.01							
3/16/2017								12.2	
3/17/2017							14.3		27.7
5/15/2017	0.786		0.685	1.4	0.553	0.345			
5/16/2017							16.9		
5/17/2017								7.05	26.4
5/18/2017		0.745							
3/12/2018	0.933		1.09	1.97	0.783	0.848			
3/13/2018							10.9		
3/14/2018		0.614						6.95	17.7
6/5/2018	0.713		0.927	2.17					
6/6/2018					1.08	0.78			
6/8/2018							10.6		15.3
6/9/2018								6.52	
6/10/2018		0.959							
10/16/2018	2.14		1.07	2.2					
10/17/2018					1.19	0.88			12.6
10/18/2018		0.944							
11/13/2018							9.09		
11/14/2018								5.66	
2/27/2019	0.651	0.827	0.912	1.8	0.741	0.431			
2/28/2019							9.7		8.04
3/5/2019								8.11	
5/31/2019	1.33	0.99	1.24	1.8	0.759	0.884			
6/4/2019							7.7	5.89	8.36
11/6/2019	1.32	0.892	0.509 (U)	2.32	0.105 (U)	0.366 (U)			
11/12/2019							6.4	8.32	7.14
4/16/2020	0.971	0.497	0.568	1.35	0.588	0.264 (U)			
4/18/2020							2.42		7.03
4/22/2020								7.2	
10/7/2020	1.14	1.07	0.763	1.75	0.709 (U)	0.46 (U)			
10/12/2020							4.51	7.02	9.54

Time Series

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	5.11	5.26	5.11	4.9					
3/1/2016					5.08	6.37			
3/2/2016							5.16 (D)	5.57	4.62
5/2/2016	4.76		4.77	4.69		5.605 (D)			
5/3/2016					5.14		5.1		4.26
5/4/2016		5.1						5.62	
7/5/2016	5.12		5.48	7.11 (o)	5.38	6.29	4.86		4.15
7/6/2016								5.52	
7/8/2016		4.96							
9/6/2016	5.11	5.43	5.12	5.19	5.37	6.42			
9/8/2016							4.76	5.26	4.6
11/7/2016	4.76		4.73	4.64	4.92	5.75			
11/8/2016								5.09	
11/9/2016							4.99		4.12
11/10/2016		4.89							
1/9/2017	4.99		5	4.94	5.05	5.98			
1/11/2017		4.87							
1/12/2017							5.04		4.24
1/13/2017								5.14	
3/13/2017	4.57		4.74	4.63	4.87	5.81			
3/14/2017		4.71							
3/16/2017								5.1	
3/17/2017							5.02		4.22
5/15/2017	4.6		4.63	4.52	4.69	5.42			
5/16/2017							4.77		
5/17/2017								4.9	4.35
5/18/2017		4.5							
10/2/2017	4.64		4.63	4.54	4.88	5.63			
10/3/2017									4.11
10/4/2017							4.89	4.84	
10/5/2017		4.63							
12/20/2017							4.94 (R)	4.94 (R)	4.31
3/12/2018	4.85		4.81	4.81	5.07	5.6			
3/13/2018							5.19		
3/14/2018		5.14						4.82	4.35
6/5/2018	4.92		5.04	4.9					
6/6/2018					5.09	5.58			
6/8/2018							5.05		4.31
6/9/2018								4.81	
6/10/2018		5.12							
10/16/2018	4.93		4.98	4.81					
10/17/2018					4.99	5.54			4.41
10/18/2018		4.97							
11/13/2018							5.11		
11/14/2018								4.85	
2/27/2019	4.75	4.84	4.78	4.71	4.87	5.4			
2/28/2019							4.97		4.42
3/5/2019								4.71	
5/31/2019	4.9	4.92	4.92	4.84	4.89	5.45			
6/4/2019							5.27	4.85	4.69
11/6/2019	4.82	4.94	4.88	4.78	5.04	5.52			
11/12/2019							4.92	4.67	4.56

Time Series

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	5.03	5.17	5.15	4.96	5.13	5.58			
4/18/2020							5.2		5
4/22/2020								4.69	
10/7/2020	4.74	5.08	4.91	4.8	5.13	5.5			
10/12/2020							5.3	4.56	4.82

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/2/2016							0.088 (J)	0.54	0.074 (J)
5/2/2016	<0.1		<0.1	<0.1		<0.1			
5/3/2016					<0.1		0.05 (J)		0.05 (J)
5/4/2016		<0.1						0.41	
7/5/2016	<0.1		<0.1	<0.1	<0.1	<0.1	0.07 (J)		0.05 (J)
7/6/2016								0.49	
7/8/2016		<0.1							
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/8/2016							0.07 (J)	0.57	0.05 (J)
11/7/2016	<0.1		<0.1	<0.1	<0.1	<0.1			
11/8/2016								0.47	
11/9/2016							0.06 (J)		0.04 (J)
11/10/2016		<0.1							
1/9/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
1/11/2017		<0.1							
1/12/2017							<0.1		0.04 (J)
1/13/2017								0.73	
3/13/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
3/14/2017		<0.1							
3/16/2017								0.92	
3/17/2017							0.05 (J)		0.04 (J)
5/15/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
5/16/2017							0.06 (J)		
5/17/2017								0.77	0.06 (J)
5/18/2017		<0.1							
10/2/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
10/3/2017									0.11
10/4/2017							0.08 (J)	0.96	
10/5/2017		<0.1							
12/20/2017								0.88 (R)	0.08 (I)
3/12/2018	<0.1		<0.1	<0.1	<0.1	<0.1			
3/13/2018							0.05 (J)		
3/14/2018		0.12						0.84	0.08 (J)
6/5/2018	<0.1		<0.1	<0.1					
6/6/2018					<0.1	<0.1			
6/8/2018							0.13		0.1
6/9/2018								0.78	
6/10/2018		<0.1							
10/16/2018	<0.1		<0.1	<0.1					
10/17/2018					<0.1	<0.1			0.12
10/18/2018		<0.1							
11/13/2018							0.1		
11/14/2018								0.67	
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.3		0.1
3/5/2019								0.64	
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
6/4/2019							<0.1	0.09 (J)	0.08 (J)
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/12/2019							0.072 (J)	0.57	0.045 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							<0.1		<0.1
4/22/2020								0.39	
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/12/2020							<0.1	0.46	0.04 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	<0.0013			
3/2/2016							<0.0013	<0.0013	0.011
5/2/2016	<0.0013		<0.0013	<0.0013		<0.0013			
5/3/2016					<0.0013		0.0015		0.0087
5/4/2016		<0.0013						<0.0013	
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013	0.0017		0.011
7/6/2016								<0.0013	
7/8/2016		<0.0013							
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
9/8/2016							0.0021 (J)	<0.0013	0.0092
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016								<0.0013	
11/9/2016							<0.0013		0.01
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
1/11/2017		<0.0013							
1/12/2017							0.00041 (J)		0.0086
1/13/2017								<0.0013	
3/13/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/16/2017								<0.0013	
3/17/2017							0.0011 (J)		0.0082
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
5/16/2017							0.0011 (J)		
5/17/2017								<0.0013	0.0081
5/18/2017		<0.0013							
3/12/2018	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/13/2018							0.00047 (J)		
3/14/2018		<0.0013						<0.0013	0.004
6/5/2018	<0.0013		<0.0013	<0.0013					
6/6/2018					<0.0013	<0.0013			
6/8/2018							0.0013		0.0034
6/9/2018								<0.0013	
6/10/2018		<0.0013							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013			0.0026
10/18/2018		<0.0013							
11/13/2018							0.0014		
11/14/2018								<0.0013	
2/27/2019	<0.0013	<0.0013	0.001 (J)	<0.0013	<0.0013	<0.0013			
2/28/2019							0.0012 (J)		0.0019
3/5/2019								0.00037 (J)	
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
6/4/2019							0.00079 (J)	0.00065 (J)	0.0011 (J)
11/6/2019	0.0001 (J)	<0.0013	6.6E-05 (J)	8.4E-05 (J)	<0.0013	0.0002 (J)			
11/12/2019							0.00069 (J)	0.00061 (J)	0.001 (J)
4/16/2020	6.6E-05 (J)	<0.0013	<0.0013	<0.0013	<0.0013	0.00016 (J)			
4/18/2020							0.00042		0.00057
4/22/2020								0.0005	
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
10/12/2020							0.00034 (J)	0.0005 (J)	0.00085 (J)

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.005	<0.005	<0.005	<0.005					
3/1/2016					<0.005	0.0037			
3/2/2016							0.01 (J)	<0.005	<0.005
5/2/2016	<0.005		<0.005	<0.005		<0.005			
5/3/2016					<0.005		<0.005		<0.005
5/4/2016		<0.005						0.0069	
7/5/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
7/6/2016								0.0086	
7/8/2016		<0.005							
9/6/2016	<0.005	0.0037 (J)	<0.005	<0.005	<0.005	<0.005			
9/8/2016							<0.005	0.035	<0.005
11/7/2016	<0.005		<0.005	<0.005	<0.005	0.0097 (o)			
11/8/2016								<0.005	
11/9/2016							<0.005		<0.005
11/10/2016		<0.005							
1/9/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
1/11/2017		<0.005							
1/12/2017							<0.005		<0.005
1/13/2017								0.0078	
3/13/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
3/14/2017		<0.005							
3/16/2017								0.0062	
3/17/2017							<0.005		<0.005
5/15/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
5/16/2017							<0.005		
5/17/2017								0.0042 (J)	<0.005
5/18/2017		<0.005							
3/12/2018	0.0011 (J)		0.0014 (J)	<0.005	<0.005	<0.005			
3/13/2018							<0.005		
3/14/2018		<0.005						0.0053	<0.005
6/5/2018	<0.005		0.0012 (J)	<0.005					
6/6/2018					<0.005	0.0021 (J)			
6/8/2018							<0.005		0.0012 (J)
6/9/2018								0.0044 (J)	
6/10/2018		<0.005							
10/16/2018	<0.005		0.0015 (J)	0.0013 (J)					
10/17/2018					<0.005	0.0012 (J)			0.0014 (J)
10/18/2018		0.0013 (J)							
11/13/2018							0.0024 (J)		
11/14/2018								0.005	
2/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	0.002 (J)			
2/28/2019							0.0025 (J)		<0.005
3/5/2019								0.0043 (J)	
5/31/2019	0.0021 (J)	0.0013 (J)	0.0017 (J)	0.0017 (J)	0.0015 (J)	0.0026 (J)			
6/4/2019							0.0012 (J)	0.0044 (J)	<0.005
11/6/2019	0.0011	0.001	0.0011	<0.005	0.00063 (J)	0.0012			
11/12/2019							<0.005	0.0026 (J)	<0.005
4/16/2020	0.0006 (J)	<0.005	0.00063 (J)	<0.005	<0.005	0.00091 (J)			
4/18/2020							<0.005		<0.005
4/22/2020								0.0024	
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)	0.005	0.0049 (J)			
10/12/2020							<0.005	0.0026 (J)	<0.005

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002					
3/1/2016					<0.0002	<0.0002			
3/2/2016							0.0027	0.0026	0.00024
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002		<0.0002			
5/3/2016					<0.0002		0.003		0.00036
5/4/2016		<0.0002						0.0022	
7/5/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	0.0023		0.0007
7/6/2016								0.0026	
7/8/2016		<0.0002 (*)							
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002 (*)			
9/8/2016							0.0034	0.0027	0.00081
11/7/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
11/8/2016								0.0016	
11/9/2016							0.0012		0.00099
11/10/2016		<0.0002							
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)	<0.0002 (*)	<0.0002 (*)			
1/11/2017		<0.0002							
1/12/2017							0.0012		0.00064
1/13/2017								0.0026	
3/13/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/14/2017		<0.0002 (*)							
3/16/2017								0.0015	
3/17/2017							0.0022		0.00033
5/15/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
5/16/2017							0.0019		
5/17/2017								0.00016 (J)	0.00034
5/18/2017		<0.0002							
3/12/2018	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/13/2018							0.0014		
3/14/2018		9.3E-05 (J)						0.00051	0.0002
6/5/2018	<0.0002		<0.0002	<0.0002					
6/6/2018					<0.0002	<0.0002			
6/8/2018							0.0018		0.00016 (J)
6/9/2018								0.00032	
6/10/2018		<0.0002							
10/16/2018	<0.0002		<0.0002	<0.0002					
10/17/2018					<0.0002	<0.0002			0.00014 (J)
10/18/2018		<0.0002							
11/13/2018							0.0021		
11/14/2018								8.2E-05 (J)	
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
2/28/2019							0.0016		0.00012 (J)
3/5/2019								0.0026	
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
6/4/2019							0.00061	0.0012	<0.0002
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
11/12/2019							0.00056	0.00048	<0.0002
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
4/18/2020							0.00013 (J)		<0.0002
4/22/2020								0.0004	
10/7/2020	<0.0002	<0.0002	0.00025	0.00013 (J)	8E-05 (J)	<0.0002			
10/12/2020							0.00017 (J)	0.00026	<0.0002

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.015	<0.015	<0.015	<0.015					
3/1/2016					<0.015	<0.015			
3/2/2016							<0.015	<0.015	<0.015
5/2/2016	<0.015		<0.015	<0.015		<0.015			
5/3/2016					<0.015		<0.015		<0.015
5/4/2016		<0.015						<0.015	
7/5/2016	<0.015		<0.015	<0.015	<0.015	<0.015	<0.015		<0.015
7/6/2016								<0.015	
7/8/2016		<0.015							
9/6/2016	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
9/8/2016							<0.015	<0.015	<0.015
11/7/2016	<0.015		<0.015	<0.015	<0.015	<0.015			
11/8/2016								<0.015	
11/9/2016							<0.015		<0.015
11/10/2016		<0.015							
1/9/2017	<0.015		<0.015	<0.015	<0.015	<0.015			
1/11/2017		<0.015							
1/12/2017							<0.015		<0.015
1/13/2017								<0.015	
3/13/2017	0.0042 (J)		<0.015	0.0022 (J)	<0.015	<0.015			
3/14/2017		<0.015							
3/16/2017								0.0015 (J)	
3/17/2017							0.0078 (J)		<0.015
5/15/2017	<0.015		<0.015	<0.015	<0.015	<0.015			
5/16/2017							<0.015		
5/17/2017								<0.015	<0.015
5/18/2017		<0.015							
3/12/2018	<0.015		<0.015	<0.015	<0.015	<0.015			
3/13/2018							<0.015		
3/14/2018		<0.015						<0.015	0.00092 (J)
6/5/2018	<0.015		0.00088 (J)	<0.015					
6/6/2018					<0.015	<0.015			
6/8/2018							<0.015		<0.015
6/9/2018								<0.015	
6/10/2018		<0.015							
10/16/2018	<0.015		<0.015	<0.015					
10/17/2018					<0.015	<0.015			<0.015
10/18/2018		<0.015							
11/13/2018							<0.015		
11/14/2018								<0.015	
2/27/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
2/28/2019							<0.015		<0.015
3/5/2019								<0.015	
5/31/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
11/6/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
4/16/2020	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
4/18/2020							<0.015		<0.015
4/22/2020								<0.015	
10/7/2020	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
10/12/2020							<0.015	<0.015	<0.015

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	<0.0013			
3/2/2016							0.018	0.013	0.026
5/2/2016	<0.0013		<0.0013	0.00025 (J)		<0.0013			
5/3/2016					<0.0013		0.016		0.019
5/4/2016		<0.0013						0.014	
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013	0.018		0.018
7/6/2016								0.015	
7/8/2016		<0.0013							
9/6/2016	0.00049 (J)	<0.0013	<0.0013	0.00027 (J)	<0.0013	<0.0013			
9/8/2016							0.016	0.018	0.018
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016								0.015	
11/9/2016							0.013		0.02
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
1/11/2017		0.00049 (J)							
1/12/2017							0.004		0.017
1/13/2017								0.014	
3/13/2017	0.0023		<0.0013	0.0025	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/16/2017								0.012	
3/17/2017							0.015		0.016
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
5/16/2017							0.01		
5/17/2017								0.0094	0.013
5/18/2017		<0.0013							
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)	0.00026 (J)	<0.0013			
3/13/2018							0.0064		
3/14/2018		0.00067 (J)						0.0049	0.019
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)					
6/6/2018					0.00025 (J)	0.00026 (J)			
6/8/2018							0.0076		0.018
6/9/2018								0.0047	
6/10/2018		0.00028 (J)							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013			0.013
10/18/2018		<0.0013							
11/13/2018							0.0062		
11/14/2018								0.0031	
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
2/28/2019							0.0044		0.011
3/5/2019								0.0012 (J)	
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
6/4/2019							0.0044	0.002	0.015
11/6/2019	<0.0013	<0.0013	<0.0013	0.00034	<0.0013	<0.0013			
11/12/2019							0.0042	0.0026	0.012
4/16/2020	<0.0013	<0.0013	<0.0013	0.0004	<0.0013	<0.0013			
4/18/2020							0.0028		0.0085
4/22/2020								0.0037	
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
10/12/2020							0.0025	0.003	0.0071

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<5	<5	<5	1.6 (J)					
3/1/2016					<5	<5			
3/2/2016							400	450	460
5/2/2016	15 (o)		<5	2.1 (J)		<5			
5/3/2016					<5		2.2 (J)		740
5/4/2016		<5						500	
7/5/2016	<5		<5	2 (J)	<5	<5	450 (J)		750
7/6/2016								370	
7/8/2016		<5							
9/6/2016	<5	<5	<5	1.8 (J)	<5	3.7 (J)			
9/8/2016							450	450	710
11/7/2016	<5		<5	1.7 (J)	<5	<5			
11/8/2016								450	
11/9/2016							430		810
11/10/2016		<5							
1/9/2017	<5		2.6 (J)	1.5 (J)	<5	<5			
1/11/2017		<5							
1/12/2017							130		600
1/13/2017								390	
3/13/2017	2.5 (J)		<5	2.2 (J)	<5	<5			
3/14/2017		<5							
3/16/2017								290	
3/17/2017							290		640
5/15/2017	<5		<5	1.9 (J)	<5	<5			
5/16/2017							280		
5/17/2017								270	590
5/18/2017		<5 (X)							
10/2/2017	<5		<5	3.4 (J)	1.5 (J)	1.7 (J)			
10/3/2017									480
10/4/2017							250	240	
10/5/2017		<5							
12/20/2017							230 (R)	210 (R)	470
3/12/2018	<5		<5	2.6 (J)	<5	<5			
3/13/2018							160		
3/14/2018		<5						190	470
6/5/2018	<5		<5	2.6 (J)					
6/6/2018					<5	<5			
6/8/2018							160		440
6/9/2018								170	
6/10/2018		1.5 (J)							
10/16/2018	<5		<5	2.8 (J)					
10/17/2018					<5	<5			270
10/18/2018		<5							
11/13/2018							130		
11/14/2018								110	
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	<5	<5			
2/28/2019							130		240
3/5/2019								86	
5/31/2019	<5	<5	<5	3.3 (J)	<5	<5			
6/4/2019							100	100	280
11/6/2019	<5	<5	<5	3.7 (J)	<5	<5			
11/12/2019							100	93	260

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	<5	<5	<5	1.7 (J)	<5	<5			
4/18/2020							64		250
4/22/2020								130	
10/7/2020	<5	<5	<5	4 (J)	<5	<5			
10/12/2020							64	110	230

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/1/2016					<0.0005	<0.0005			
3/2/2016							0.00058 (J)	0.0003 (J)	0.00095 (J)
5/2/2016	<0.0005		<0.0005	<0.0005		<0.0005			
5/3/2016					<0.0005		0.00041 (J)		0.00089
5/4/2016		<0.0005						0.0005	
7/5/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	0.0004 (J)		0.001
7/6/2016								0.00047 (J)	
7/8/2016		<0.0005							
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/8/2016							0.00045 (J)	0.00053 (J)	0.00088 (J)
11/7/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
11/8/2016								0.00055 (J)	
11/9/2016							<0.0005		0.00083 (J)
11/10/2016		<0.0005							
1/9/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
1/11/2017		<0.0005							
1/12/2017							0.00012 (J)		0.00076
1/13/2017								0.00057	
3/13/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/14/2017		<0.0005							
3/16/2017								0.0004 (J)	
3/17/2017							0.00027 (J)		0.00088
5/15/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
5/16/2017							0.00025 (J)		
5/17/2017								0.00029 (J)	0.00071
5/18/2017		<0.0005							
3/12/2018	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2018							0.00018 (J)		
3/14/2018		<0.0005						0.00027 (J)	0.00055
6/5/2018	<0.0005		<0.0005	<0.0005					
6/6/2018					<0.0005	<0.0005			
6/8/2018							0.00018 (J)		0.00048 (J)
6/9/2018								0.00023 (J)	
6/10/2018		<0.0005							
10/16/2018	<0.0005		<0.0005	<0.0005					
10/17/2018					<0.0005	<0.0005			0.0003 (J)
10/18/2018		<0.0005							
11/13/2018							<0.0005		
11/14/2018								0.00015 (J)	
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/28/2019							0.0001 (J)		0.00024 (J)
3/5/2019								0.00016 (J)	
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
6/4/2019							<0.0005	0.00011 (J)	0.00017 (J)
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
11/12/2019							<0.0005	0.00012 (J)	0.00019 (J)
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
4/18/2020							5.8E-05 (J)		0.00023
4/22/2020								0.00015	
10/7/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
10/12/2020							0.00014 (J)	0.00025 (J)	0.00033 (J)

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	20	20	<5	12					
3/1/2016					10	<5			
3/2/2016							7200	7200	32000 (o)
5/2/2016	<5		<5	6		36			
5/3/2016					<5		6400		13000
5/4/2016		6						4500	
7/5/2016	12		14	<5	<5	<5	7000		8700
7/6/2016								4900	
7/8/2016		6							
9/6/2016	36	36	30	38	36	44			
9/8/2016							6000	4400	11000 (Q)
11/7/2016	18		8	<5	<5	30			
11/8/2016								6200	
11/9/2016							3500		13000
11/10/2016		16							
1/9/2017	4 (J)		<5	14	<5	12			
1/11/2017		38							
1/12/2017							1500		12000
1/13/2017								4400	
3/13/2017	6		<5	8	22	20			
3/14/2017		<5							
3/16/2017								2800	
3/17/2017							2900		10000
5/15/2017	<5		<5	<5	6	4 (J)			
5/16/2017							3100		
5/17/2017								1100	8300
5/18/2017		10							
10/2/2017	<5		<5	6	16	24			
10/3/2017									7100
10/4/2017							3400	700	
10/5/2017		<5							
12/20/2017							1900 (R)	590 (R)	7000
3/12/2018	18		14	<5	<5	<5			
3/13/2018							1600		
3/14/2018		8						490	6300
6/5/2018	10		<5	14					
6/6/2018					20	16			
6/8/2018							2000		5200
6/9/2018								430	
6/10/2018		8							
10/16/2018	32		12	6					
10/17/2018					44	44			3800
10/18/2018		28							
11/13/2018							1400		
11/14/2018								230	
2/27/2019	110	68	54	110	20	28			
2/28/2019							1400		1700
3/5/2019								300	
5/31/2019	46	<5	8	26	32	18			
6/4/2019							1200	400	2300
11/6/2019	<5	10	4 (J)	<5	24	20			
11/12/2019							1000	670	1900

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:43 PM View: Descriptive - 200 Series

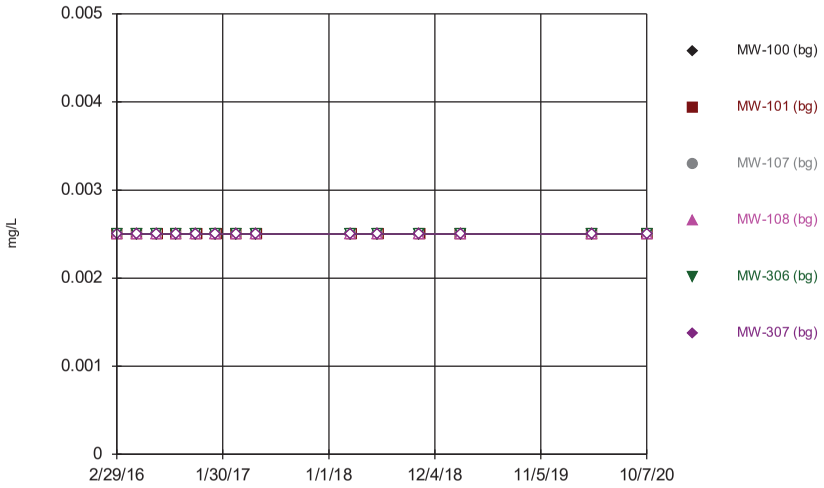
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	28	44	18	8	6	8			
4/18/2020							240		1700
4/22/2020								600	
10/7/2020	30	24	20	26	16	12			
10/12/2020							600	460	2200

300 Series

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

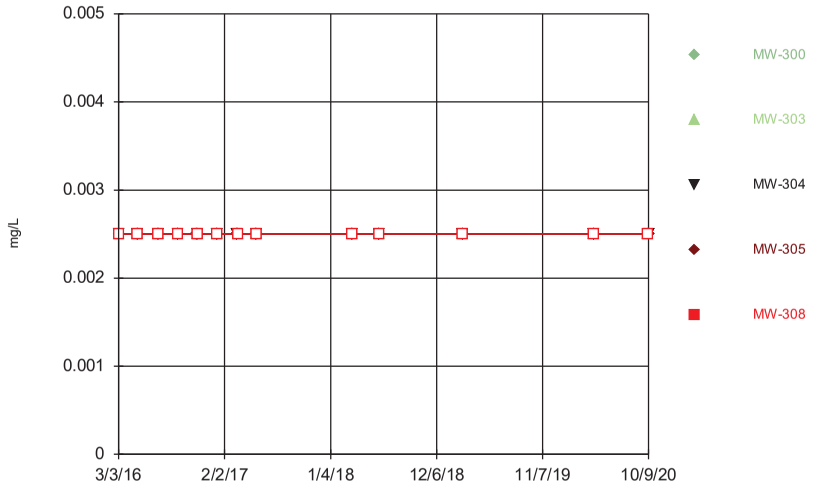
Time Series



Constituent: Antimony Analysis Run 1/7/2021 5:45 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

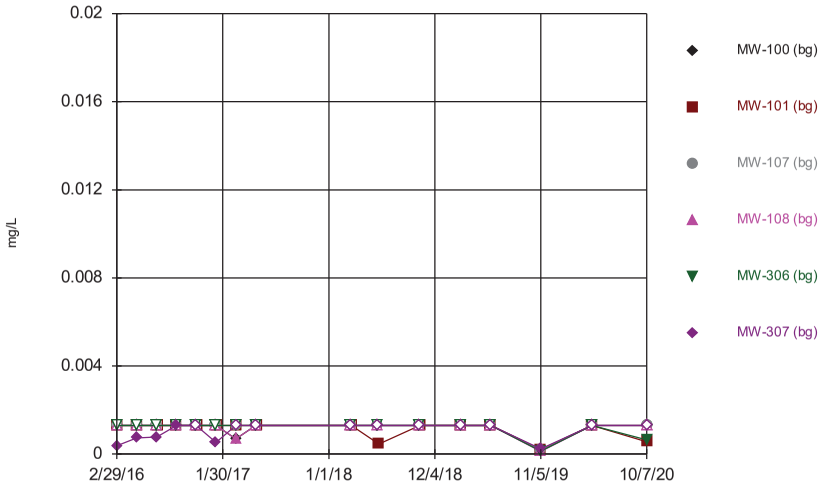
Time Series



Constituent: Antimony Analysis Run 1/7/2021 5:45 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

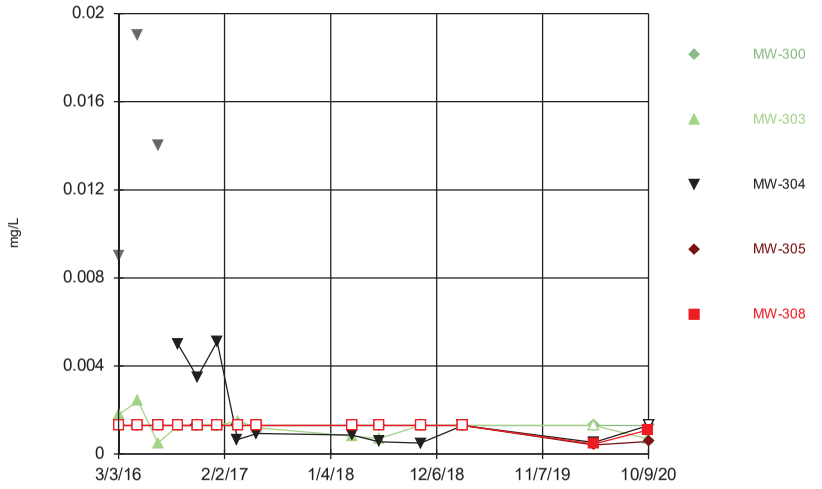
Time Series



Constituent: Arsenic Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

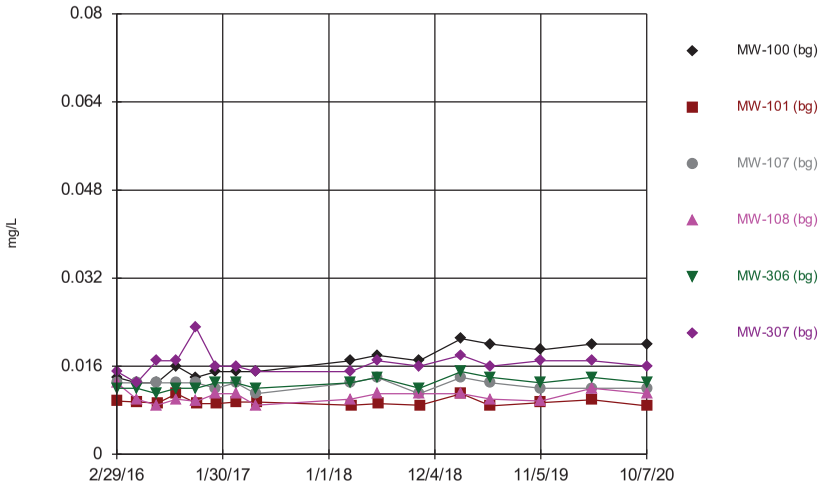
Time Series



Constituent: Arsenic Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

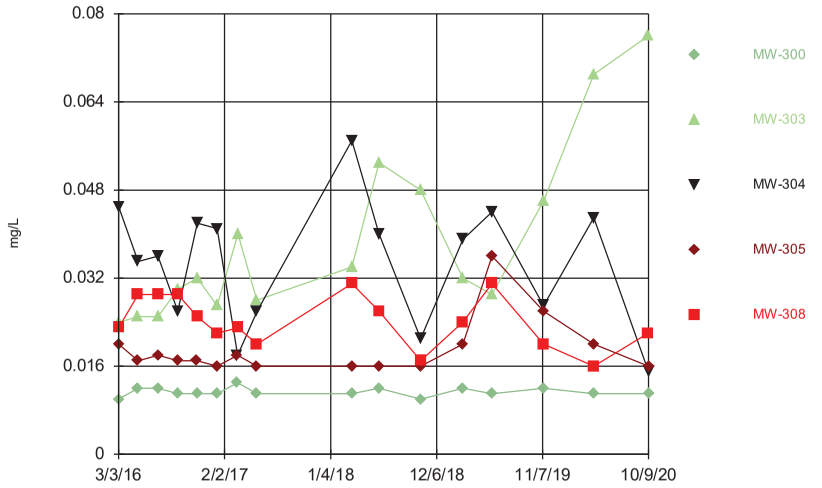
Time Series



Constituent: Barium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

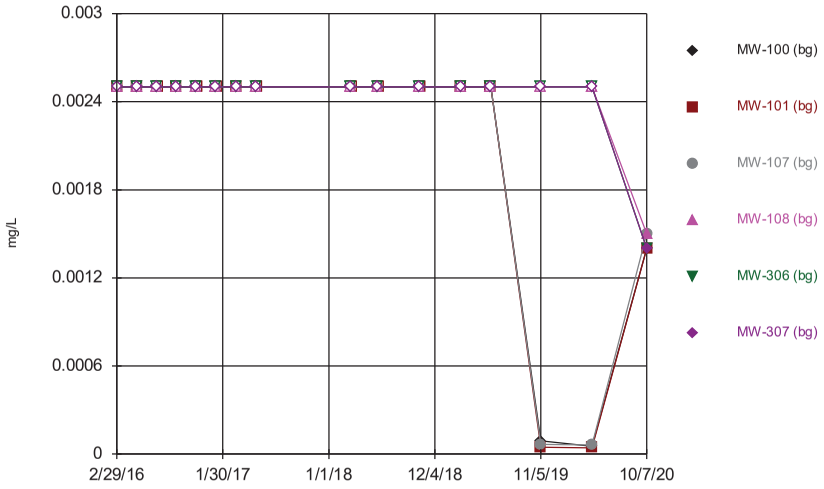
Time Series



Constituent: Barium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

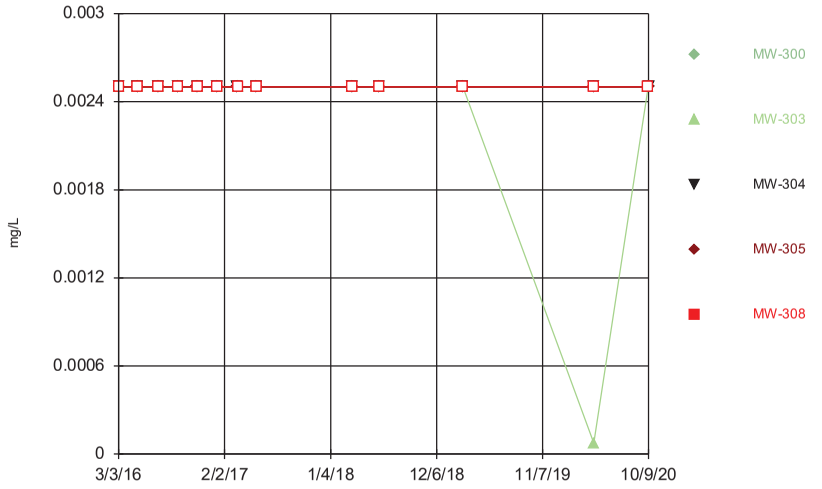
Time Series



Constituent: Beryllium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

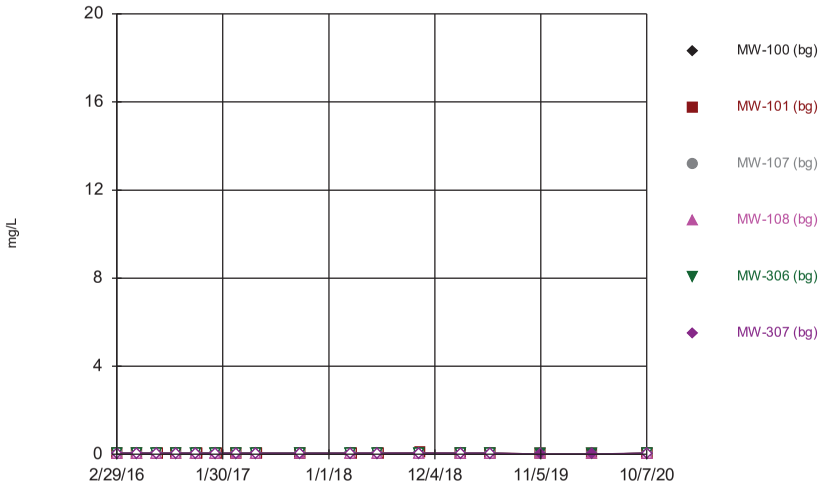
Time Series



Constituent: Beryllium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

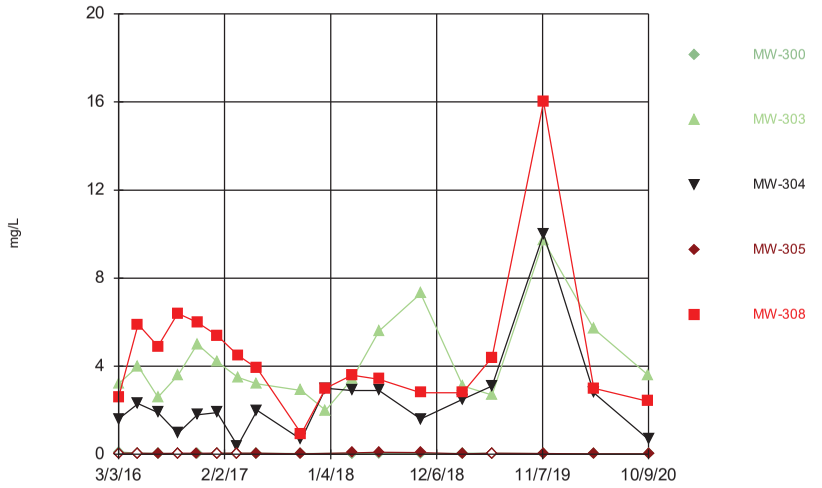
Time Series



Constituent: Boron Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

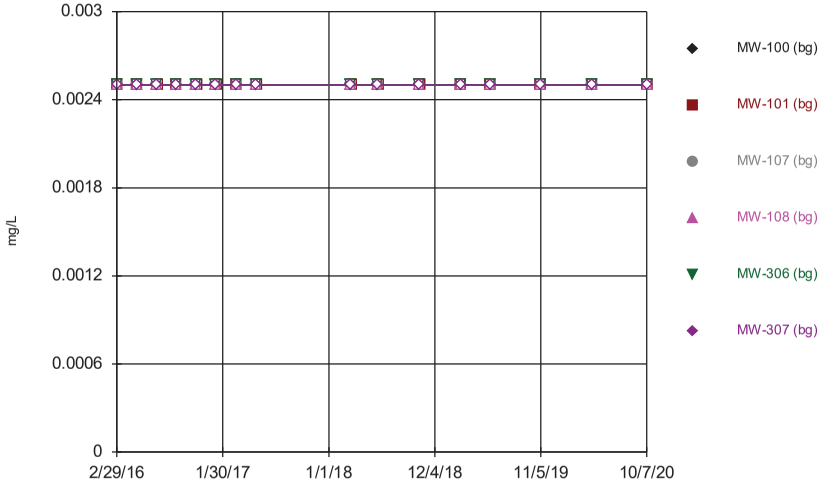
Time Series



Constituent: Boron Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

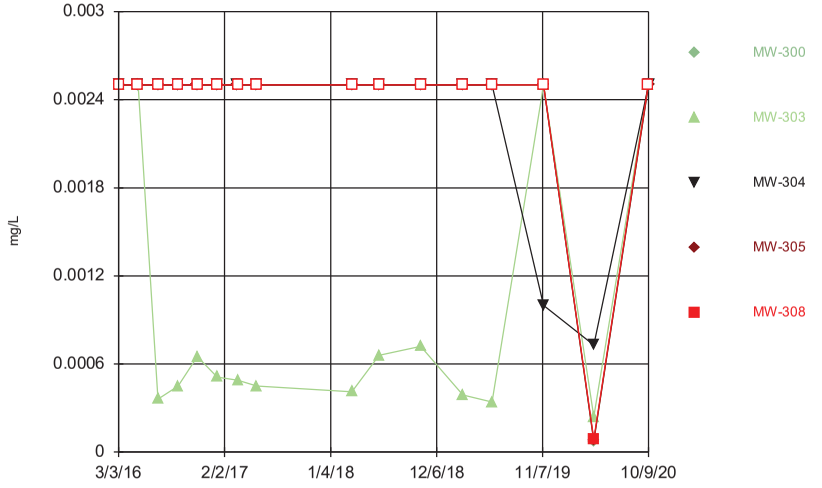
Time Series



Constituent: Cadmium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

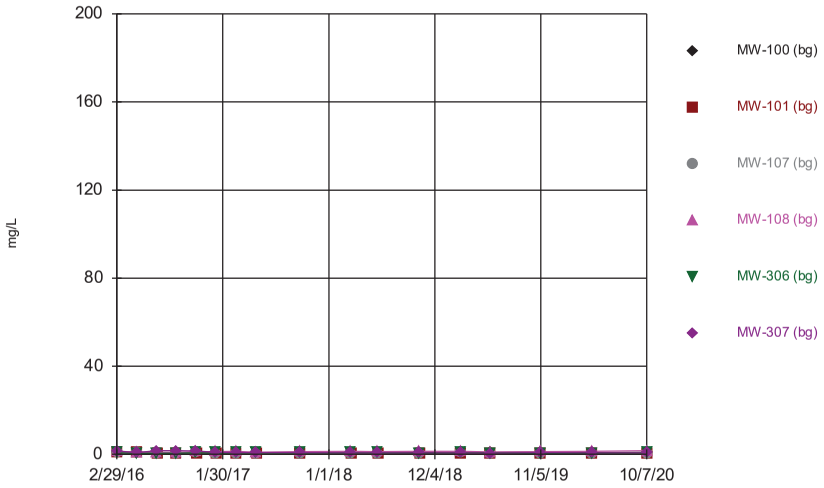
Time Series



Constituent: Cadmium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

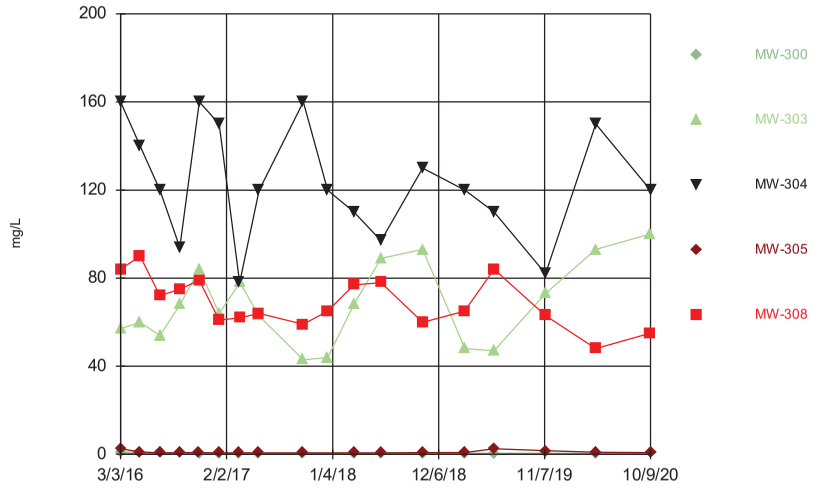
Time Series



Constituent: Calcium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

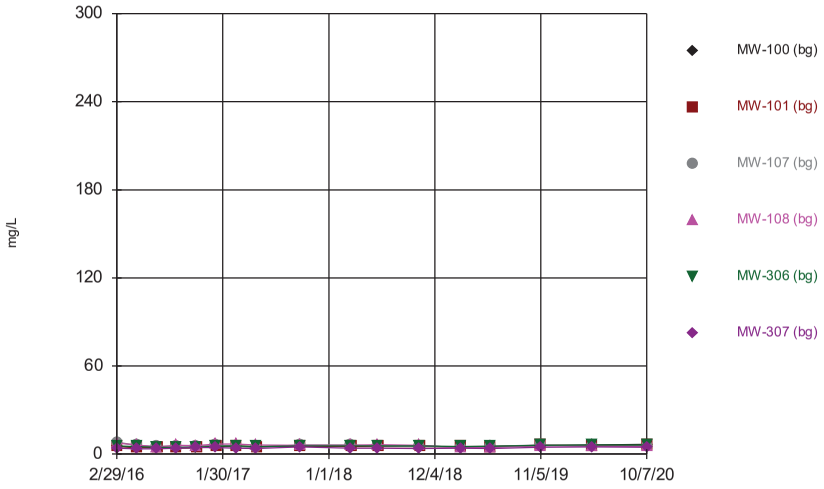
Time Series



Constituent: Calcium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

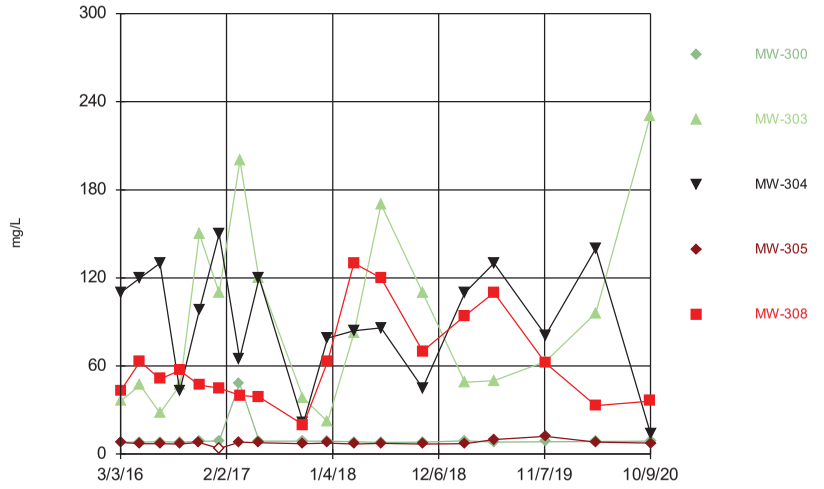
Time Series



Constituent: Chloride Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

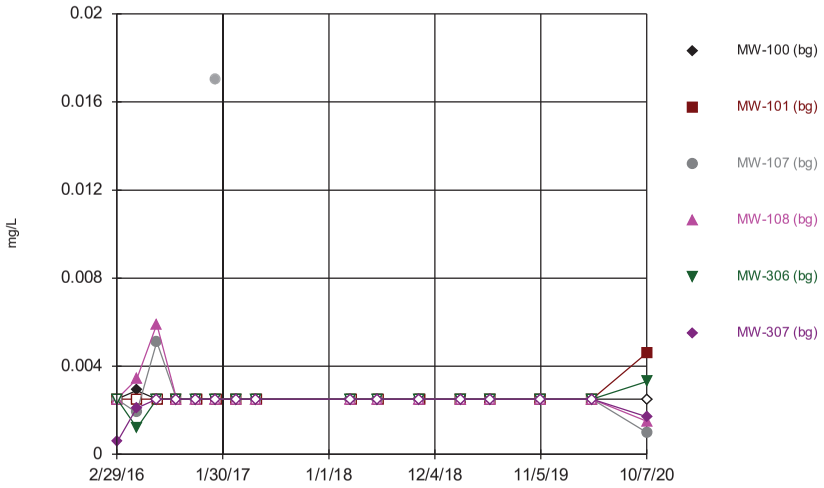
Time Series



Constituent: Chloride Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

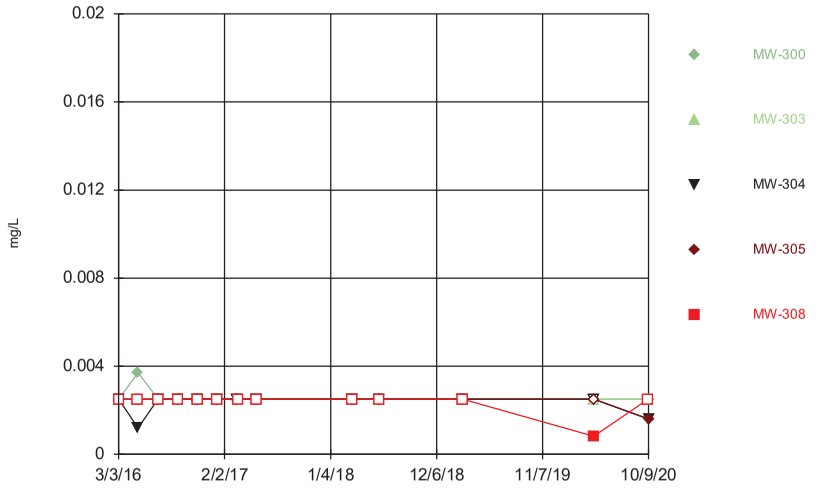
Time Series



Constituent: Chromium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

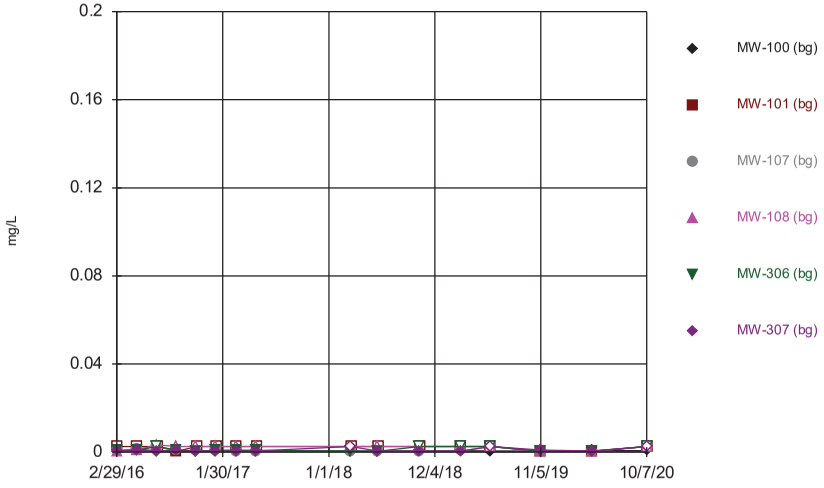
Time Series



Constituent: Chromium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

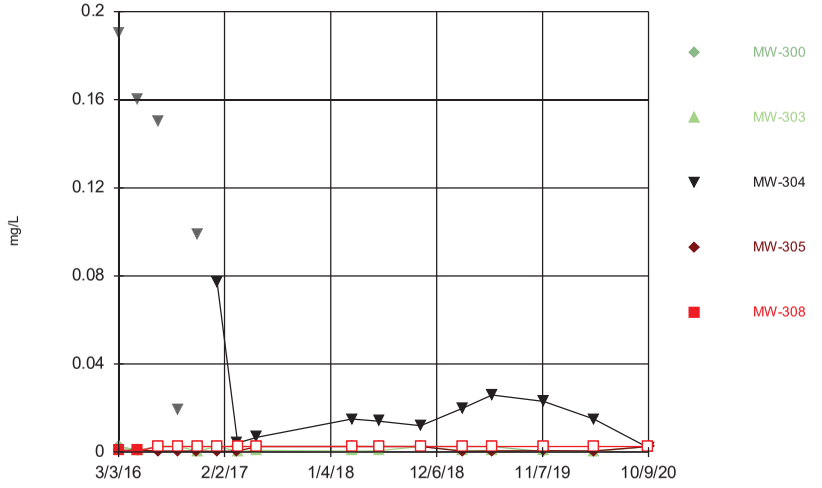
Time Series



Constituent: Cobalt Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

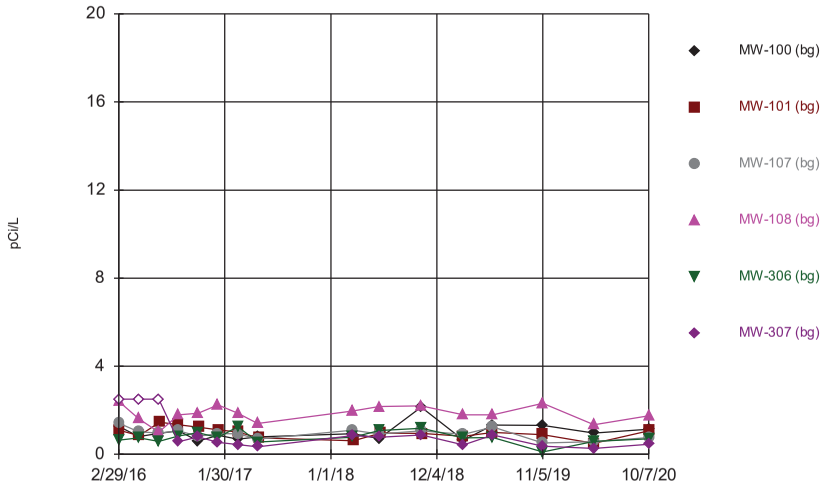
Time Series



Constituent: Cobalt Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

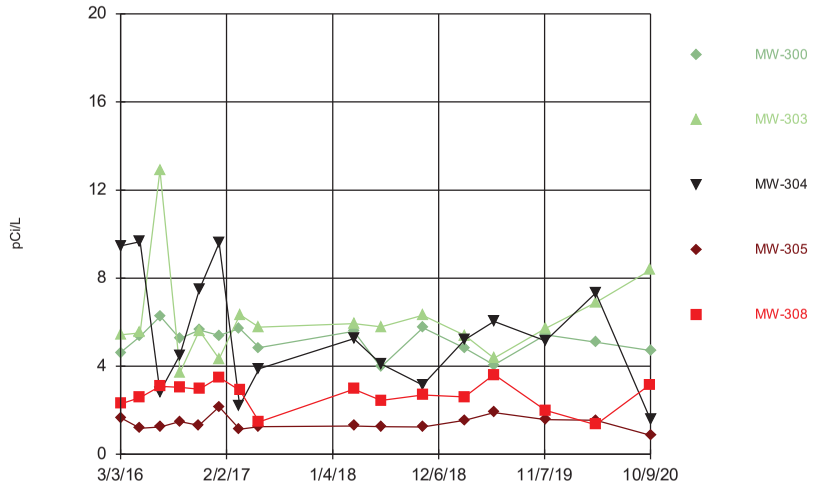
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

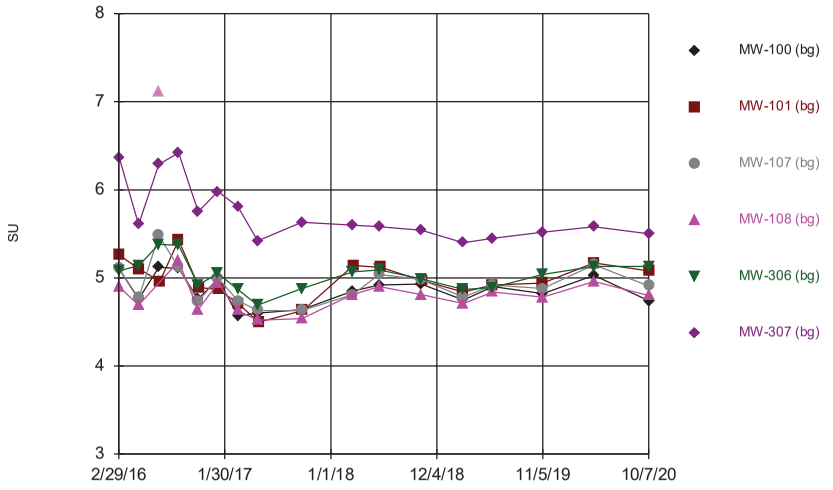
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

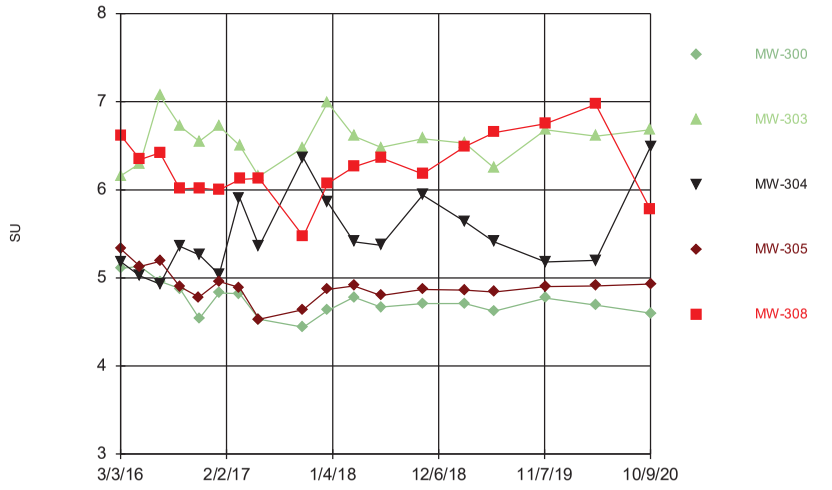
Time Series



Constituent: Field pH Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

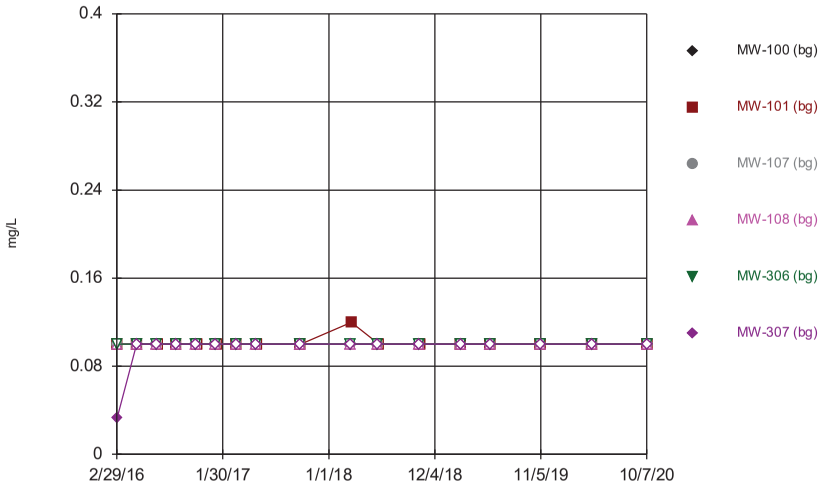
Time Series



Constituent: Field pH Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

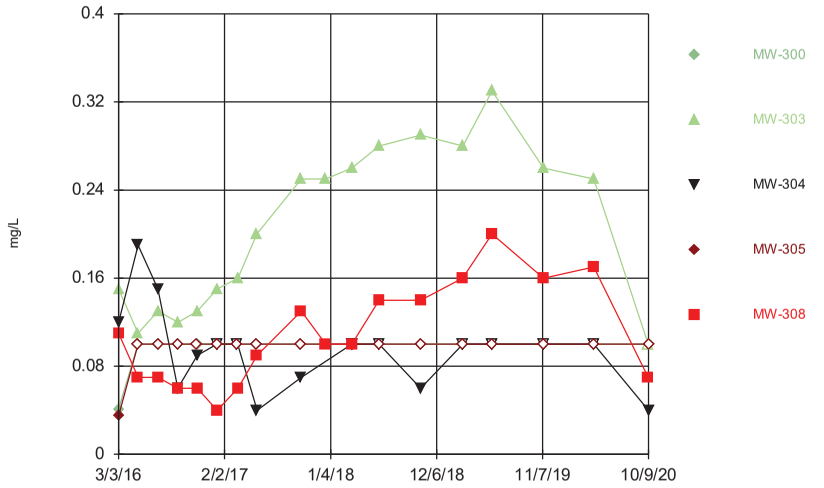
Time Series



Constituent: Fluoride Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

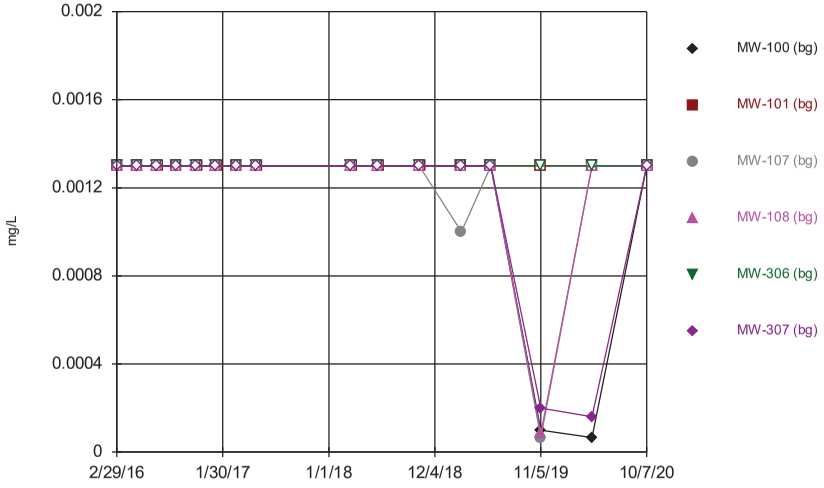
Time Series



Constituent: Fluoride Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

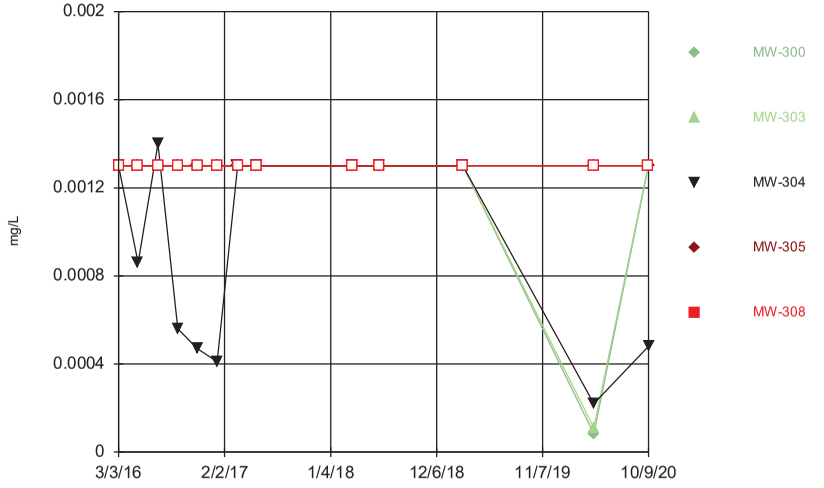
Time Series



Constituent: Lead Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

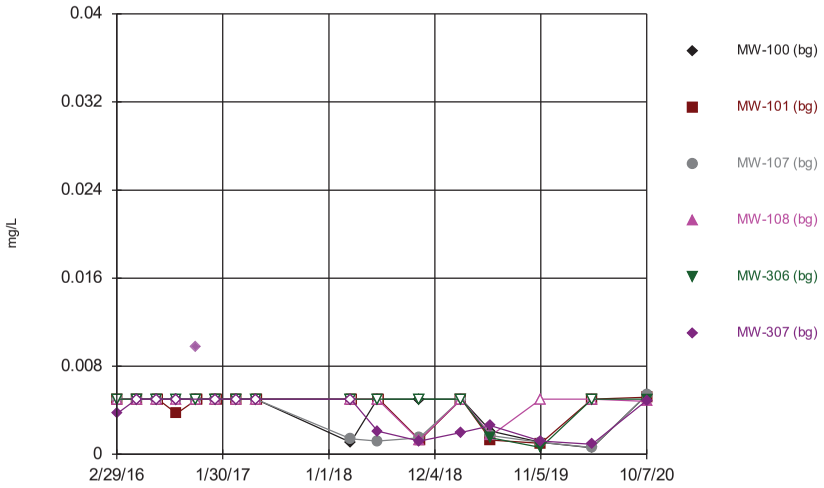
Time Series



Constituent: Lead Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

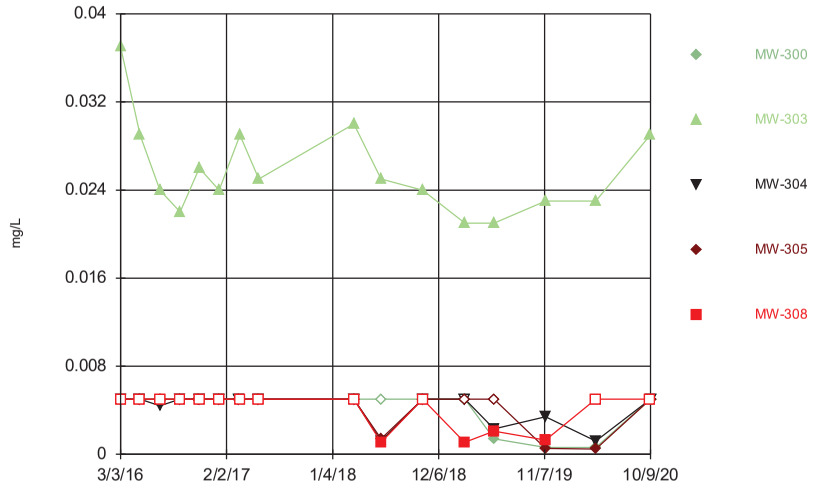
Time Series



Constituent: Lithium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

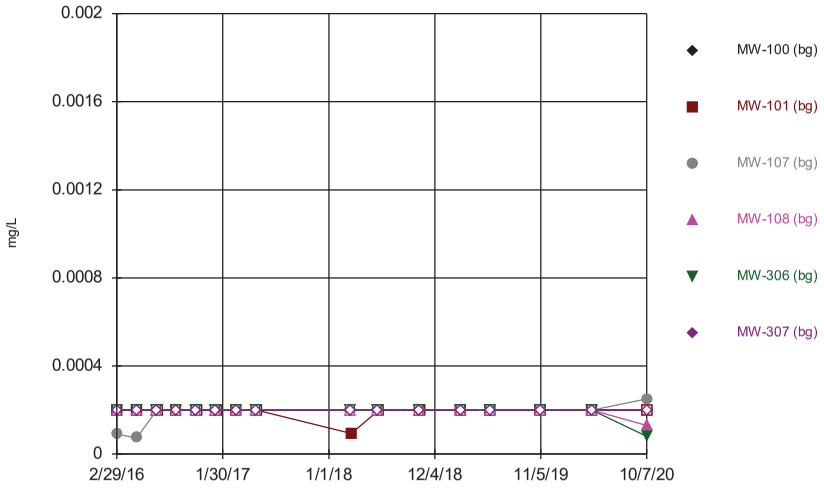
Time Series



Constituent: Lithium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

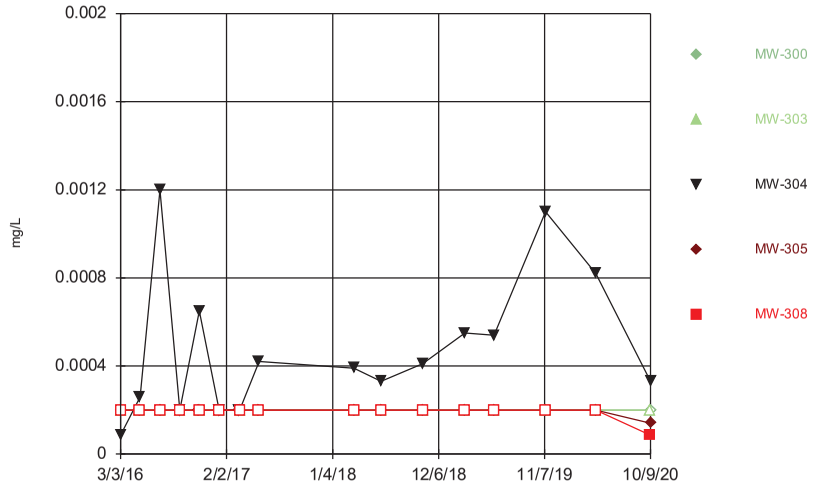
Time Series



Constituent: Mercury Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

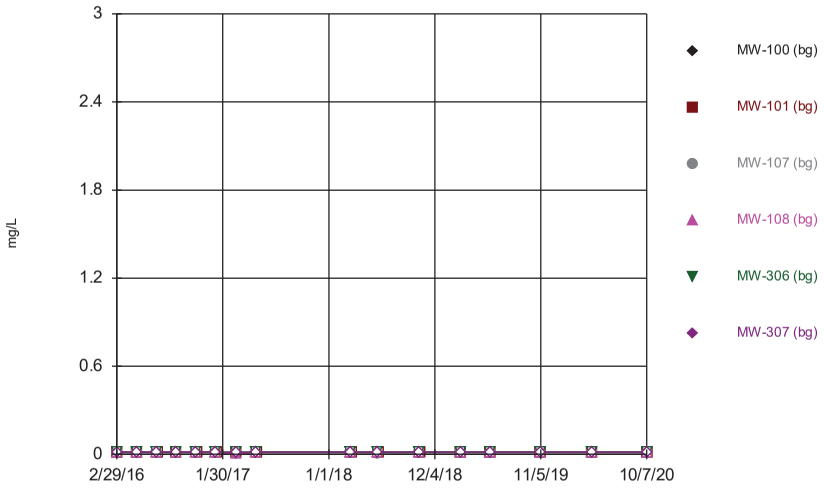
Time Series



Constituent: Mercury Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

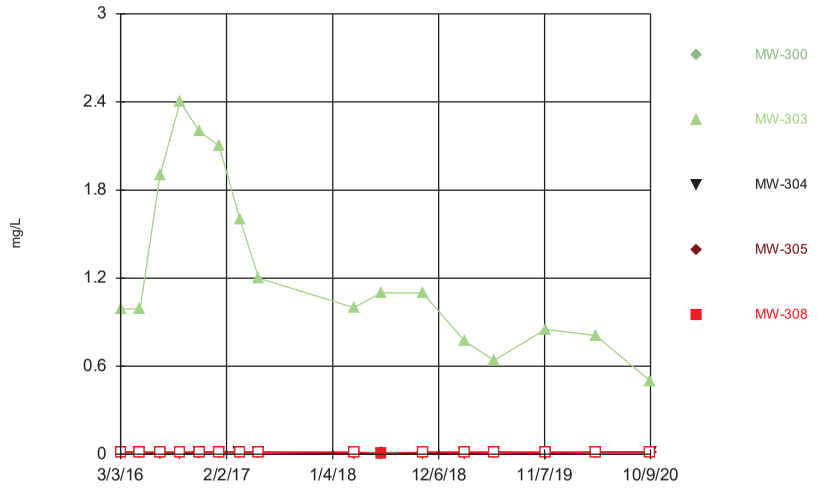
Time Series



Constituent: Molybdenum Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

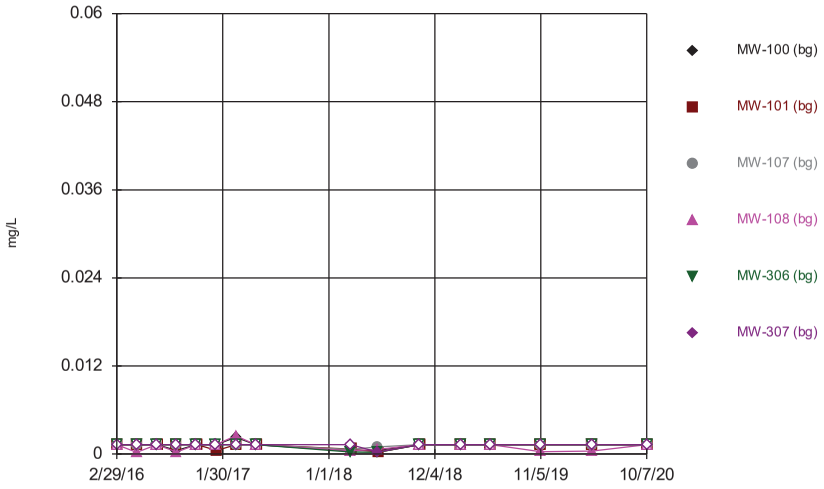
Time Series



Constituent: Molybdenum Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

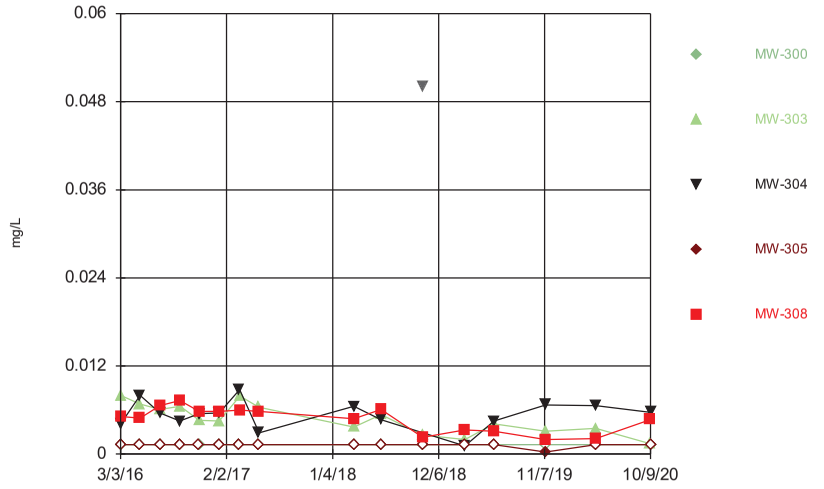
Time Series



Constituent: Selenium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

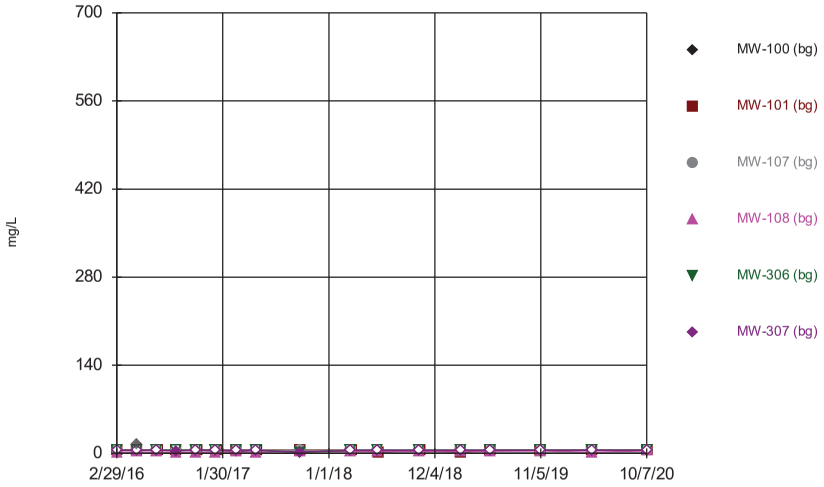
Time Series



Constituent: Selenium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

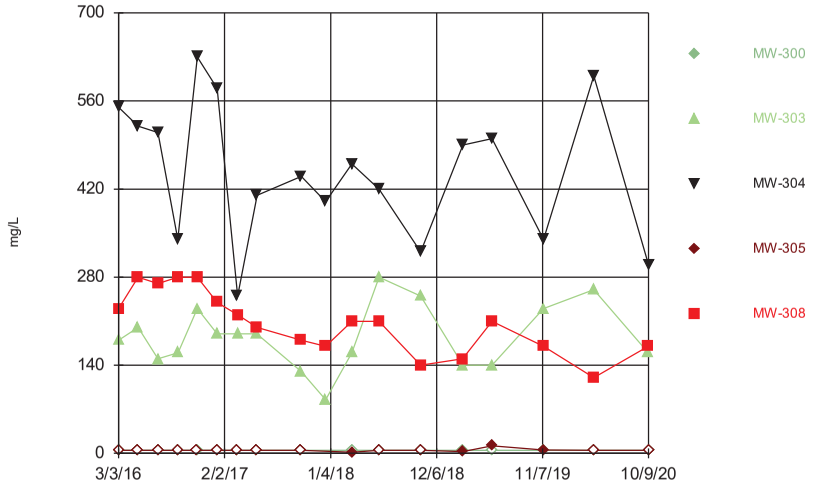
Time Series



Constituent: Sulfate Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

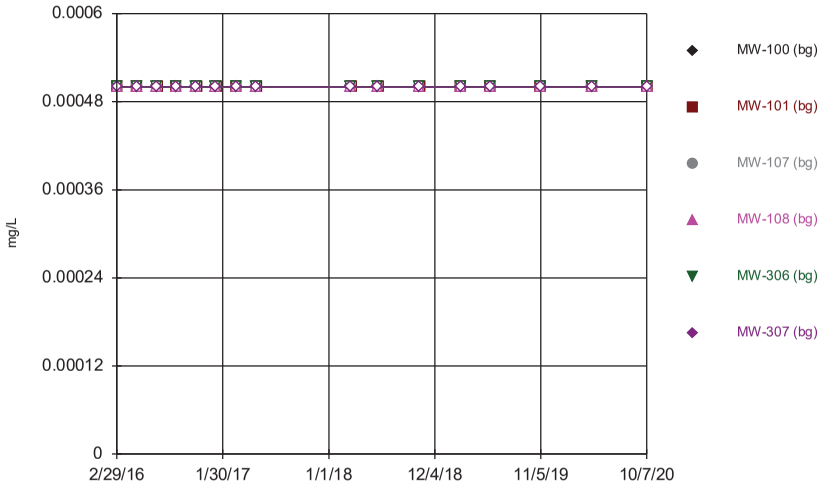
Time Series



Constituent: Sulfate Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

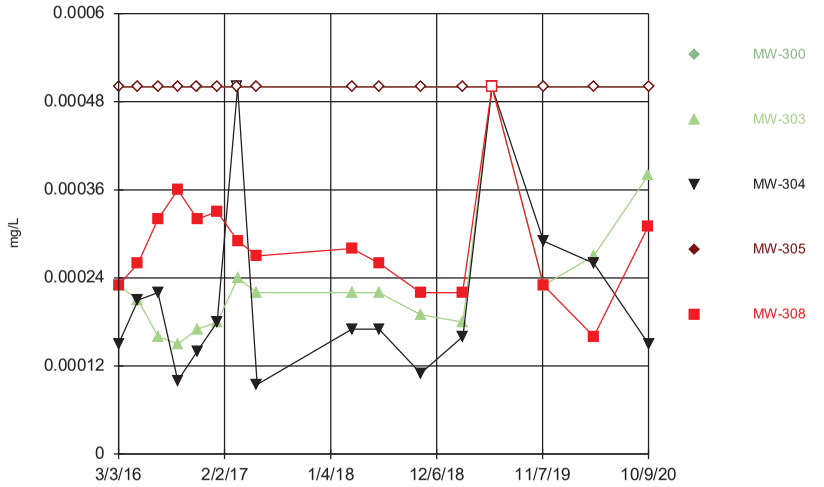
Time Series



Constituent: Thallium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

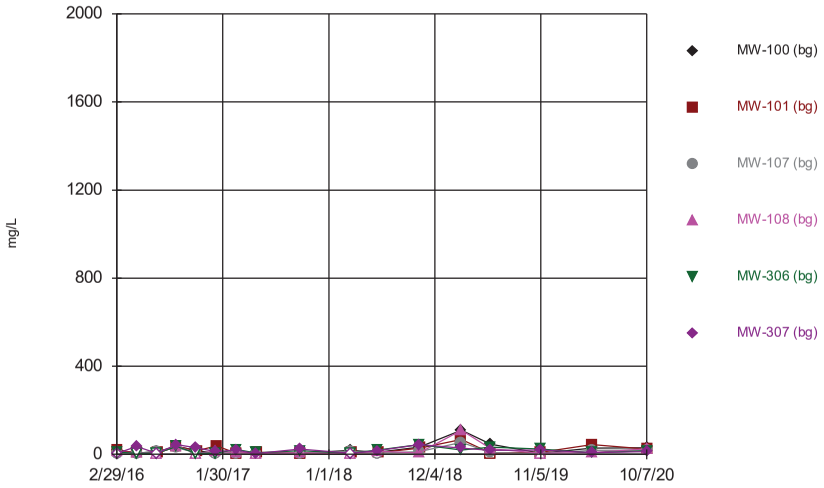
Time Series



Constituent: Thallium Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

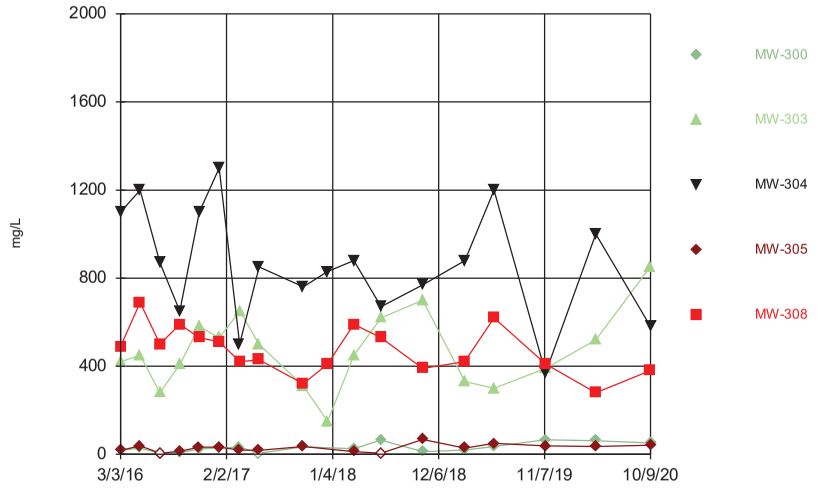
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:46 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/7/2021 5:47 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/3/2016							<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025				
5/4/2016		<0.0025					<0.0025	<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
7/6/2016								<0.0025	<0.0025
7/7/2016							<0.0025		
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/7/2016							<0.0025		<0.0025
9/8/2016								<0.0025	
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016							<0.0025	<0.0025	<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/10/2017							<0.0025	<0.0025	<0.0025
1/11/2017		<0.0025							
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/15/2017							<0.0025		<0.0025
3/16/2017								<0.0025	
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	
5/16/2017							<0.0025		<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025	<0.0025	<0.0025
3/14/2018		<0.0025							
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025	<0.0025		
6/7/2018								<0.0025	<0.0025
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			
10/18/2018		<0.0025							
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025	<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/18/2020							<0.0025	<0.0025	<0.0025
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
10/8/2020								<0.0025	
10/9/2020							<0.0025		<0.0025

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/7/2021 5:47 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0025	<0.0025
5/4/2016	<0.0025	<0.0025
7/6/2016		<0.0025
7/7/2016	<0.0025	
9/7/2016	<0.0025	<0.0025
11/7/2016	<0.0025	
11/8/2016		<0.0025
1/10/2017	<0.0025	<0.0025
3/15/2017	<0.0025	
3/16/2017		<0.0025
5/16/2017	<0.0025	<0.0025
3/13/2018	<0.0025	<0.0025
6/7/2018	<0.0025	<0.0025
2/27/2019		<0.0025
2/28/2019	<0.0025	
4/18/2020	<0.0025	<0.0025
10/8/2020		<0.0025
10/9/2020	<0.0025	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/7/2021 5:47 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	0.00038 (J)			
3/3/2016							<0.0013	0.0018 (J)	0.009 (o)
5/2/2016	<0.0013		<0.0013	<0.0013		0.00073 (J)			
5/3/2016					<0.0013				
5/4/2016		<0.0013					<0.0013	0.0024	0.019 (o)
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	0.00077 (J)			
7/6/2016								0.0005 (J)	0.014 (o)
7/7/2016							<0.0013		
7/8/2016		<0.0013							
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0013			
9/7/2016							<0.0013		0.005
9/8/2016								<0.0013	
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016							<0.0013	<0.0013	0.0035
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	0.00053 (J)			
1/10/2017							<0.0013	<0.0013	0.0051
1/11/2017		<0.0013							
3/13/2017	0.00069 (J)		<0.0013	0.00069 (J)	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/15/2017							<0.0013		0.00066 (J)
3/16/2017								0.0015	
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013		0.0012 (J)	
5/16/2017							<0.0013		0.00094 (J)
5/18/2017		<0.0013							
3/12/2018	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/13/2018							<0.0013	0.00082 (J)	0.00086 (J)
3/14/2018		<0.0013							
6/5/2018	<0.0013		<0.0013	<0.0013					
6/6/2018					<0.0013	<0.0013	<0.0013		
6/7/2018								0.0007 (J)	0.00056 (J)
6/10/2018		0.00046 (J)							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013		<0.0013	0.0005 (J)
10/18/2018		<0.0013					<0.0013		
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
2/28/2019							<0.0013	<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)	0.00014 (J)	0.00024 (J)			
4/16/2020	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
4/18/2020							<0.0013	<0.0013	0.00053
10/7/2020	<0.0013	0.00056 (J)	<0.0013	<0.0013	0.00064 (J)	<0.0013			
10/8/2020								0.00069 (J)	
10/9/2020							<0.0013		<0.0013

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/7/2021 5:47 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0013	<0.0013
5/4/2016	<0.0013	<0.0013
7/6/2016		<0.0013
7/7/2016	<0.0013	
9/7/2016	<0.0013	<0.0013
11/7/2016	<0.0013	
11/8/2016		<0.0013
1/10/2017	<0.0013	<0.0013
3/15/2017	<0.0013	
3/16/2017		<0.0013
5/16/2017	<0.0013	<0.0013
3/13/2018	<0.0013	<0.0013
6/7/2018	<0.0013	<0.0013
10/17/2018	<0.0013	<0.0013
2/27/2019		<0.0013
2/28/2019	<0.0013	
4/18/2020	0.00042	0.00046
10/8/2020		0.0011 (J)
10/9/2020	0.00057 (J)	

Time Series

Constituent: Barium (mg/L) Analysis Run 1/7/2021 5:47 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	0.014	0.0097 (J)	0.013	0.013					
3/1/2016					0.012	0.015			
3/3/2016							0.01 (J)	0.024	0.045
5/2/2016	0.013		0.013	0.01		0.013			
5/3/2016					0.012				
5/4/2016		0.0095					0.012	0.025	0.035
7/5/2016	0.013		0.013	0.0089	0.011	0.017			
7/6/2016								0.025	0.036
7/7/2016							0.012		
7/8/2016		0.0093							
9/6/2016	0.016	0.011	0.013	0.01	0.012	0.017			
9/7/2016							0.011		0.026
9/8/2016								0.03	
11/7/2016	0.014		0.013	0.0096	0.012	0.023			
11/8/2016							0.011	0.032	0.042
11/10/2016		0.0092							
1/9/2017	0.015		0.012	0.011	0.013	0.016			
1/10/2017							0.011	0.027	0.041
1/11/2017		0.0092							
3/13/2017	0.015		0.013	0.011	0.013	0.016			
3/14/2017		0.0095							
3/15/2017							0.013		0.018
3/16/2017								0.04	
5/15/2017	0.015		0.011	0.0089	0.012	0.015		0.028	
5/16/2017							0.011		0.026
5/18/2017		0.0095							
3/12/2018	0.017		0.013	0.01	0.013	0.015			
3/13/2018							0.011	0.034	0.057
3/14/2018		0.0089							
6/5/2018	0.018		0.014	0.011					
6/6/2018					0.014	0.017	0.012		
6/7/2018								0.053	0.04
6/10/2018		0.0092							
10/16/2018	0.017		0.011	0.011					
10/17/2018					0.012	0.016		0.048	0.021
10/18/2018		0.0089					0.01		
2/27/2019	0.021	0.011	0.014	0.011	0.015	0.018			
2/28/2019							0.012	0.032	0.039
5/31/2019	0.02	0.0088	0.013	0.01	0.014	0.016	0.011	0.029	0.044
11/6/2019	0.019	0.0094	0.012	0.0097	0.013	0.017			
11/11/2019							0.012	0.046	0.027
4/16/2020	0.02	0.0099	0.012	0.012	0.014	0.017			
4/18/2020							0.011	0.069	0.043
10/7/2020	0.02	0.0088	0.012	0.011	0.013	0.016			
10/8/2020								0.076	
10/9/2020							0.011		0.015

Time Series

Constituent: Barium (mg/L) Analysis Run 1/7/2021 5:47 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	0.02	0.023
5/4/2016	0.017	0.029
7/6/2016		0.029
7/7/2016	0.018	
9/7/2016	0.017	0.029
11/7/2016	0.017	
11/8/2016		0.025
1/10/2017	0.016	0.022
3/15/2017	0.018	
3/16/2017		0.023
5/16/2017	0.016	0.02
3/13/2018	0.016	0.031
6/7/2018	0.016	0.026
10/17/2018	0.016	0.017
2/27/2019		0.024
2/28/2019	0.02	
5/31/2019	0.036	0.031
11/11/2019	0.026	0.02
4/18/2020	0.02	0.016
10/8/2020		0.022
10/9/2020	0.016	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/3/2016							<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025				
5/4/2016		<0.0025					<0.0025	<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
7/6/2016								<0.0025	<0.0025
7/7/2016							<0.0025		
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/7/2016							<0.0025		<0.0025
9/8/2016								<0.0025	
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016							<0.0025	<0.0025	<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/10/2017							<0.0025	<0.0025	<0.0025
1/11/2017		<0.0025							
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/15/2017							<0.0025		<0.0025
3/16/2017								<0.0025	
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	
5/16/2017							<0.0025		<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025	<0.0025	<0.0025
3/14/2018		<0.0025							
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025	<0.0025		
6/7/2018								<0.0025	<0.0025
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			
10/18/2018		<0.0025							
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025	<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0025	<0.0025	<0.0025			
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0025	<0.0025	<0.0025			
4/18/2020							<0.0025	7.4E-05 (J)	<0.0025
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)	0.0014 (J)	0.0014 (J)			
10/8/2020								<0.0025	
10/9/2020							<0.0025		<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0025	<0.0025
5/4/2016	<0.0025	<0.0025
7/6/2016		<0.0025
7/7/2016	<0.0025	
9/7/2016	<0.0025	<0.0025
11/7/2016	<0.0025	
11/8/2016		<0.0025
1/10/2017	<0.0025	<0.0025
3/15/2017	<0.0025	
3/16/2017		<0.0025
5/16/2017	<0.0025	<0.0025
3/13/2018	<0.0025	<0.0025
6/7/2018	<0.0025	<0.0025
2/27/2019		<0.0025
2/28/2019	<0.0025	
4/18/2020	<0.0025	<0.0025
10/8/2020		<0.0025
10/9/2020	<0.0025	

Time Series

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/3/2016							0.11 (J)	3.2	1.6
5/2/2016	<0.05		<0.05	<0.05		<0.05			
5/3/2016					<0.05				
5/4/2016		<0.05					<0.05	4	2.3
7/5/2016	<0.05		<0.05	<0.05	<0.05	<0.05			
7/6/2016								2.6	1.9
7/7/2016							<0.05		
7/8/2016		<0.05							
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/7/2016							0.028 (J)		0.95
9/8/2016								3.6	
11/7/2016	<0.05		<0.05	<0.05	<0.05	<0.05			
11/8/2016							0.025 (J)	5	1.8
11/10/2016		<0.05							
1/9/2017	<0.05		<0.05	<0.05	<0.05	<0.05			
1/10/2017							<0.05 (*)	4.2	1.9
1/11/2017		<0.05							
3/13/2017	<0.05		<0.05	0.022 (J)	<0.05	<0.05			
3/14/2017		<0.05							
3/15/2017							<0.05		0.38
3/16/2017								3.5	
5/15/2017	<0.05		<0.05	<0.05	<0.05	<0.05		3.2	
5/16/2017							<0.05		2
5/18/2017		<0.05							
10/2/2017	<0.05		<0.05	0.023 (J)	<0.05	<0.05			
10/3/2017							0.03 (J)	2.9	0.67
10/5/2017		<0.05							
12/20/2017								2	3
3/12/2018	<0.05		<0.05	<0.05	<0.05	<0.05			
3/13/2018							<0.05	3.4	2.9
3/14/2018		<0.05							
6/5/2018	<0.05		<0.05	<0.05					
6/6/2018					<0.05	<0.05	0.024 (J)		
6/7/2018								5.6	2.9
6/10/2018		<0.05							
10/16/2018	<0.05		<0.05	<0.05					
10/17/2018					<0.05	<0.05		7.3	1.6
10/18/2018		0.081					0.022 (J)		
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							<0.05	3.1	2.5
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2.7	3.1
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)	0.011 (V)	0.0099 (J)			
11/11/2019							0.035 (V)	9.7	10
4/16/2020	0.02	0.013	0.013	0.017	0.0075 (J)	0.0055 (J)			
4/18/2020							0.027	5.7	2.8
10/7/2020	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/8/2020								3.6	
10/9/2020							0.025 (J)		0.68

Time Series

Constituent: Boron (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.05	2.6
5/4/2016	<0.05 (*)	5.9
7/6/2016		4.9
7/7/2016	0.034 (J)	
9/7/2016	<0.05	6.4
11/7/2016	0.045 (J)	
11/8/2016		6
1/10/2017	<0.05 (*)	5.4
3/15/2017	<0.05	
3/16/2017		4.5
5/16/2017	0.043 (J)	3.9
10/3/2017	0.026 (J)	0.93
12/20/2017		3
3/13/2018	0.07	3.6
6/7/2018	0.1	3.4
10/17/2018	0.074	2.8
2/27/2019		2.8
2/28/2019	0.027 (J)	
5/31/2019	<0.05	4.4
11/11/2019	0.036 (V)	16
4/18/2020	0.016	3
10/8/2020		2.4
10/9/2020	0.018 (J)	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	<0.0025			
3/3/2016							<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		<0.0025			
5/3/2016					<0.0025				
5/4/2016		<0.0025					<0.0025	<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
7/6/2016								0.00036 (J)	<0.0025
7/7/2016							<0.0025		
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/7/2016							<0.0025		<0.0025
9/8/2016								0.00045 (J)	
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016							<0.0025	0.00065 (J)	<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
1/10/2017							<0.0025	0.00051 (J)	<0.0025
1/11/2017		<0.0025							
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/15/2017							<0.0025		<0.0025
3/16/2017								0.00049 (J)	
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025		0.00045 (J)	
5/16/2017							<0.0025		<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025	0.00041 (J)	<0.0025
3/14/2018		<0.0025							
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025	<0.0025		
6/7/2018								0.00066 (J)	<0.0025
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025		0.00072 (J)	<0.0025
10/18/2018		<0.0025					<0.0025		
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025	0.00039 (J)	<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00034 (J)	<0.0025
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/11/2019							<0.0025	<0.0025	0.001 (J)
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/18/2020							7.5E-05 (J)	0.00024 (J)	0.00073
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
10/8/2020								<0.0025	
10/9/2020							<0.0025		<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0025	<0.0025
5/4/2016	<0.0025	<0.0025
7/6/2016		<0.0025
7/7/2016	<0.0025	
9/7/2016	<0.0025	<0.0025
11/7/2016	<0.0025	
11/8/2016		<0.0025
1/10/2017	<0.0025	<0.0025
3/15/2017	<0.0025	
3/16/2017		<0.0025
5/16/2017	<0.0025	<0.0025
3/13/2018	<0.0025	<0.0025
6/7/2018	<0.0025	<0.0025
10/17/2018	<0.0025	<0.0025
2/27/2019		<0.0025
2/28/2019	<0.0025	
5/31/2019	<0.0025	<0.0025
11/11/2019	<0.0025	<0.0025
4/18/2020	7.6E-05 (J)	8.9E-05 (J)
10/8/2020		<0.0025
10/9/2020	<0.0025	

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	1	1 (J)	0.67	1.4					
3/1/2016					0.6	1.5			
3/3/2016							1 (J)	57	160
5/2/2016	0.78		0.58	1.1		0.83			
5/3/2016					0.55				
5/4/2016		0.62					1	60	140
7/5/2016	0.65		0.43	0.94	0.53	1.6			
7/6/2016								54	120
7/7/2016							0.62		
7/8/2016		0.4							
9/6/2016	0.7	0.45	0.48	1	0.5	1.6			
9/7/2016							0.6		94
9/8/2016								68	
11/7/2016	0.8		0.56	1.2	0.68	1.5			
11/8/2016							0.53	84	160
11/10/2016		0.44							
1/9/2017	0.74		0.43	1.2	0.56	0.98			
1/10/2017							0.51	64	150
1/11/2017		0.42							
3/13/2017	0.78		0.48	1.3	0.62	0.75			
3/14/2017		0.42							
3/15/2017							0.53		78
3/16/2017								78	
5/15/2017	0.76		0.37	1	0.58	0.83		63	
5/16/2017							0.48		120
5/18/2017		0.38							
10/2/2017	0.78		0.47	1.2	0.62	0.83			
10/3/2017							0.46	43	160
10/5/2017		0.39							
12/20/2017								44	120
3/12/2018	0.88		0.49	1.4	0.59	0.71			
3/13/2018							0.46	68	110
3/14/2018		0.49							
6/5/2018	0.9		0.49	1.2					
6/6/2018					0.59	0.68	0.45		
6/7/2018								89	97
6/10/2018		0.39							
10/16/2018	0.86		0.42	1.4					
10/17/2018					0.54	0.66		93	130
10/18/2018		0.41					0.48		
2/27/2019	0.96	0.44	0.56	1.3	0.63	0.7			
2/28/2019							0.44	48	120
5/31/2019	0.76	0.28	0.33	1.1	0.45	0.52	0.55	47	110
11/6/2019	0.88	0.46	0.49	1.2	0.55	0.74			
11/11/2019							0.56 (V)	73	82
4/16/2020	0.84	0.38	0.36	1.3	0.53	0.59			
4/18/2020							0.48	93	150
10/7/2020	0.93	0.47	0.43	1.6	0.63	0.67			
10/8/2020								100	
10/9/2020							0.58		120

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	2.5	84
5/4/2016	1.1	90
7/6/2016		72
7/7/2016	0.71	
9/7/2016	0.78	75
11/7/2016	0.82	
11/8/2016		79
1/10/2017	0.58	61
3/15/2017	0.69	
3/16/2017		62
5/16/2017	0.66	64
10/3/2017	0.68	59
12/20/2017		65
3/13/2018	0.65	77
6/7/2018	0.6	78
10/17/2018	0.73	60
2/27/2019		65
2/28/2019	0.84	
5/31/2019	2.6	84
11/11/2019	1.6 (V)	63
4/18/2020	0.9	48
10/8/2020		55
10/9/2020	0.76	

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	5.3	5.4	8.1	7.4					
3/1/2016					5.6	4			
3/3/2016							8.2	36	110
5/2/2016	4.4		6	6.3		3.6			
5/3/2016					5.1				
5/4/2016		4.5					8.2	47	120
7/5/2016	4.2		5.2	4.8	4.7	3.6			
7/6/2016								28	130
7/7/2016							8.3		
7/8/2016		4.9							
9/6/2016	4.3	4.3	5.5	6	4.4	4			
9/7/2016							8.1		43
9/8/2016								47	
11/7/2016	4.2		5.4	5.7	4.6	4.4			
11/8/2016							8.5	150	98
11/10/2016		4.5							
1/9/2017	5.3		6.1	6.8	5.3	4.4			
1/10/2017							9.1	110	150
1/11/2017		5.3							
3/13/2017	5.2		5.5	6.8	5.6	4.1			
3/14/2017		5.5							
3/15/2017							48		65
3/16/2017								200	
5/15/2017	4.8		4.7	6.1	5.2	3.7		120	
5/16/2017							8.9		120
5/18/2017		5							
10/2/2017	5.5		6.1	6	5.5	4.8			
10/3/2017							8.9	38	21
10/5/2017		5.6							
12/20/2017							8.8	22	79
3/12/2018	5.3		6.1	5.9	5.6	4			
3/13/2018							8.3	82	84
3/14/2018		5.2							
6/5/2018	5.3		5.5	6.5					
6/6/2018					5.6	4.1	8		
6/7/2018								170	86
6/10/2018		5.2							
10/16/2018	5.5		5.1	5.9					
10/17/2018					5.5	3.7		110	45
10/18/2018		5.2					8.1		
2/27/2019	4.6	5.1	5	4.3	5.1	4			
2/28/2019							9.1	49	110
5/31/2019	5.1	5	5.4	4.5	5.4	3.7	8.2	50	130
11/6/2019	5.8	6	6.1	5.7	5.9	4.7			
11/11/2019							8.4	63	81
4/16/2020	6.1	5.8	5.3	5.6	6.2	4.9			
4/18/2020							8.7	96	140
10/7/2020	6.6	5.9	5.7	5.1	6.1	4.7			
10/8/2020								230	
10/9/2020							8.9		14

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	7.9	43
5/4/2016	7	63
7/6/2016		51
7/7/2016	7.1	
9/7/2016	6.9	57
11/7/2016	8	
11/8/2016		47
1/10/2017	<7.4 (*)	45
3/15/2017	8.1	
3/16/2017		40
5/16/2017	7.8	39
10/3/2017	7.1	20
12/20/2017	7.6	63
3/13/2018	6.9	130
6/7/2018	7.3	120
10/17/2018	6.8	70
2/27/2019		94
2/28/2019	7.1	
5/31/2019	9.8	110
11/11/2019	12	62
4/18/2020	8.2	33
10/8/2020		36
10/9/2020	7.5	

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/1/2016					<0.0025	0.00056 (J)			
3/3/2016							<0.0025	<0.0025	<0.0025
5/2/2016	0.0029		0.0019 (J)	0.0034		0.0021 (J)			
5/3/2016					0.0012 (J)				
5/4/2016		<0.0025					0.0037	<0.0025	0.0012 (J)
7/5/2016	<0.0025		0.0051	0.0059	<0.0025	<0.0025			
7/6/2016								<0.0025	<0.0025
7/7/2016							<0.0025		
7/8/2016		<0.0025							
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/7/2016							<0.0025		<0.0025
9/8/2016								<0.0025	
11/7/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
11/8/2016							<0.0025	<0.0025	<0.0025
11/10/2016		<0.0025							
1/9/2017	<0.0025		0.017 (o)	<0.0025	<0.0025	<0.0025			
1/10/2017							<0.0025	<0.0025	<0.0025
1/11/2017		<0.0025							
3/13/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/14/2017		<0.0025							
3/15/2017							<0.0025		<0.0025
3/16/2017								<0.0025	
5/15/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	
5/16/2017							<0.0025		<0.0025
5/18/2017		<0.0025							
3/12/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
3/13/2018							<0.0025	<0.0025	<0.0025
3/14/2018		<0.0025							
6/5/2018	<0.0025		<0.0025	<0.0025					
6/6/2018					<0.0025	<0.0025	<0.0025		
6/7/2018								<0.0025	<0.0025
6/10/2018		<0.0025							
10/16/2018	<0.0025		<0.0025	<0.0025					
10/17/2018					<0.0025	<0.0025			
10/18/2018		<0.0025							
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
2/28/2019							<0.0025	<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
4/18/2020							<0.0025	<0.0025	<0.0025
10/7/2020	<0.0025	0.0046	0.001 (J)	0.0015 (J)	0.0033	0.0017 (J)			
10/8/2020								<0.0025	
10/9/2020							<0.0025		0.0016 (J)

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0025	<0.0025
5/4/2016	0.0025	<0.0025
7/6/2016		<0.0025
7/7/2016	<0.0025	
9/7/2016	<0.0025	<0.0025
11/7/2016	<0.0025	
11/8/2016		<0.0025
1/10/2017	<0.0025	<0.0025
3/15/2017	<0.0025	
3/16/2017		<0.0025
5/16/2017	<0.0025	<0.0025
3/13/2018	<0.0025	<0.0025
6/7/2018	<0.0025	<0.0025
2/27/2019		<0.0025
2/28/2019	<0.0025	
4/18/2020	<0.0025	0.00082
10/8/2020		<0.0025
10/9/2020	0.0016 (J)	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	0.00039 (J)	<0.0025	0.00064 (J)	0.00023 (J)					
3/1/2016					0.00064 (J)	0.00071 (J)			
3/3/2016							<0.0025	<0.0025	0.19 (o)
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		0.001 (J)			
5/3/2016					0.00079 (J)				
5/4/2016		<0.0025					0.00093 (J)	0.0007 (J)	0.16 (o)
7/5/2016	0.00049 (J)		0.0027	0.0032	<0.0025	0.00055 (J)			
7/6/2016								<0.0025	0.15 (o)
7/7/2016							<0.0025		
7/8/2016		<0.0025							
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0025	0.00094 (J)	0.00057 (J)			
9/7/2016							<0.0025		0.019 (o)
9/8/2016								<0.0025	
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0025	0.00041 (J)	0.00047 (J)			
11/8/2016							<0.0025	0.00051 (J)	0.099 (o)
11/10/2016		<0.0025							
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0025	0.00074 (J)	0.00054 (J)			
1/10/2017							<0.0025	<0.0025	0.077
1/11/2017		<0.0025							
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0025	0.00091 (J)	0.0004 (J)			
3/14/2017		<0.0025							
3/15/2017							<0.0025		0.0042
3/16/2017								0.0004 (J)	
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0025	0.00075 (J)	0.00046 (J)		0.00079 (J)	
5/16/2017							<0.0025		0.0067
5/18/2017		<0.0025							
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0025	0.00044 (J)	<0.0025			
3/13/2018							<0.0025	0.00056 (J)	0.015
3/14/2018		<0.0025							
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0025					
6/6/2018					0.0004 (J)	0.00048 (J)	<0.0025		
6/7/2018								0.0007 (J)	0.014
6/10/2018		<0.0025							
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0025					
10/17/2018					<0.0025	0.00043 (J)		<0.0025	0.012
10/18/2018		<0.0025					<0.0025		
2/27/2019	0.00065 (J)	<0.0025	0.00056 (J)	<0.0025	<0.0025	0.00045 (J)			
2/28/2019							<0.0025	0.00059 (J)	0.02
5/31/2019	0.00046 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00073 (J)	0.026
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	0.00029 (J)	0.00094 (J)			
11/11/2019							0.00023 (J)	0.00065 (J)	0.023
4/16/2020	0.00058	0.00035 (J)	0.00043 (J)	0.00021 (J)	0.00029 (J)	0.00053			
4/18/2020							0.00024 (J)	0.00044 (J)	0.015
10/7/2020	0.0006 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
10/8/2020								<0.0025	
10/9/2020							<0.0025		0.0019 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	0.00085 (J)	0.00063 (J)
5/4/2016	0.001 (J)	0.00056 (J)
7/6/2016		<0.0025
7/7/2016	0.00044 (J)	
9/7/2016	0.00052 (J)	<0.0025
11/7/2016	0.00046 (J)	
11/8/2016		<0.0025
1/10/2017	0.00042 (J)	<0.0025
3/15/2017	0.00044 (J)	
3/16/2017		<0.0025
5/16/2017	<0.0025	<0.0025
3/13/2018	<0.0025	<0.0025
6/7/2018	<0.0025	<0.0025
10/17/2018	<0.0025	<0.0025
2/27/2019		<0.0025
2/28/2019	0.00042 (J)	
5/31/2019	0.00046 (J)	<0.0025
11/11/2019	0.00063 (J)	<0.0025
4/18/2020	0.00045 (J)	<0.0025
10/8/2020		<0.0025
10/9/2020	<0.0025	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	1.27	1.09	1.42	2.4					
3/1/2016					0.647	<5			
3/3/2016							4.62	5.43	9.46
5/2/2016	0.808		1.03	1.62		<5			
5/3/2016					0.748				
5/4/2016		0.848					5.36	5.52	9.66
7/5/2016	0.947		0.961	1.01	0.591	<5			
7/6/2016								12.9	2.84
7/7/2016							6.27		
7/8/2016		1.46							
9/6/2016	1.07	1.34	1.07	1.8	0.831	0.566			
9/7/2016							5.25		4.49
9/8/2016								3.73	
11/7/2016	0.602		0.818	1.86	0.983	0.784			
11/8/2016							5.64	5.61	7.47
11/10/2016		1.23							
1/9/2017	0.865		0.934	2.25	0.767	0.541			
1/10/2017							5.39	4.33	9.6
1/11/2017		1.11							
3/13/2017	0.693		0.937	1.87	1.26	0.442			
3/14/2017		1.01							
3/15/2017							5.72		2.22
3/16/2017								6.34	
5/15/2017	0.786		0.685	1.4	0.553	0.345		5.77	
5/16/2017							4.84		3.89
5/18/2017		0.745							
3/12/2018	0.933		1.09	1.97	0.783	0.848			
3/13/2018							5.59	5.94	5.25
3/14/2018		0.614							
6/5/2018	0.713		0.927	2.17					
6/6/2018					1.08	0.78	3.96		
6/7/2018								5.79	4.1
6/10/2018		0.959							
10/16/2018	2.14		1.07	2.2					
10/17/2018					1.19	0.88		6.31	3.15
10/18/2018		0.944					5.75		
2/27/2019	0.651	0.827	0.912	1.8	0.741	0.431			
2/28/2019							4.82	5.4	5.21
5/31/2019	1.33	0.99	1.24	1.8	0.759	0.884	4.06	4.37	6.03
11/6/2019	1.32	0.892	0.509 (U)	2.32	0.105 (U)	0.366 (U)			
11/11/2019							5.43	5.71	5.15
4/16/2020	0.971	0.497	0.568	1.35	0.588	0.264 (U)			
4/18/2020							5.09	6.89	7.33
10/7/2020	1.14	1.07	0.763	1.75	0.709 (U)	0.46 (U)			
10/8/2020								8.36	
10/9/2020							4.71		1.58

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	1.67	2.29
5/4/2016	1.18	2.58
7/6/2016		3.08
7/7/2016	1.24	
9/7/2016	1.49	3.04
11/7/2016	1.32	
11/8/2016		2.96
1/10/2017	2.16	3.5
3/15/2017	1.14	
3/16/2017		2.9
5/16/2017	1.26	1.47
3/13/2018	1.29	2.96
6/7/2018	1.25	2.45
10/17/2018	1.24	2.7
2/27/2019		2.61
2/28/2019	1.55	
5/31/2019	1.9	3.62
11/11/2019	1.58	2
4/18/2020	1.55	1.34
10/8/2020		3.17
10/9/2020	0.858	

Time Series

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	5.11	5.26	5.11	4.9					
3/1/2016					5.08	6.37			
3/3/2016							5.11	6.16	5.185 (D)
5/2/2016	4.76		4.77	4.69		5.605 (D)			
5/3/2016					5.14				
5/4/2016		5.1					5.13	6.3	5.02 (D)
7/5/2016	5.12		5.48	7.11 (o)	5.38	6.29			
7/6/2016								7.07	4.93
7/7/2016							4.96		
7/8/2016		4.96							
9/6/2016	5.11	5.43	5.12	5.19	5.37	6.42			
9/7/2016							4.88		5.36
9/8/2016								6.72	
11/7/2016	4.76		4.73	4.64	4.92	5.75			
11/8/2016							4.54	6.55	5.26
11/10/2016		4.89							
1/9/2017	4.99		5	4.94	5.05	5.98			
1/10/2017							4.83	6.72	5.04
1/11/2017		4.87							
3/13/2017	4.57		4.74	4.63	4.87	5.81			
3/14/2017		4.71							
3/15/2017							4.82		5.91
3/16/2017								6.5	
5/15/2017	4.6		4.63	4.52	4.69	5.42		6.15	
5/16/2017							4.53		5.36
5/18/2017		4.5							
10/2/2017	4.64		4.63	4.54	4.88	5.63			
10/3/2017							4.44	6.48	6.36
10/5/2017		4.63							
12/20/2017							4.63	6.99 (R)	5.86
3/12/2018	4.85		4.81	4.81	5.07	5.6			
3/13/2018							4.78	6.61	5.41
3/14/2018		5.14							
6/5/2018	4.92		5.04	4.9					
6/6/2018					5.09	5.58	4.67		
6/7/2018								6.48	5.37
6/10/2018		5.12							
10/16/2018	4.93		4.98	4.81					
10/17/2018					4.99	5.54		6.58	5.94
10/18/2018		4.97					4.71		
2/27/2019	4.75	4.84	4.78	4.71	4.87	5.4			
2/28/2019							4.71	6.53	5.64
5/31/2019	4.9	4.92	4.92	4.84	4.89	5.45	4.62	6.25	5.41
11/6/2019	4.82	4.94	4.88	4.78	5.04	5.52			
11/11/2019							4.77	6.68	5.18
4/16/2020	5.03	5.17	5.15	4.96	5.13	5.58			
4/18/2020							4.69	6.61	5.2
10/7/2020	4.74	5.08	4.91	4.8	5.13	5.5			
10/8/2020								6.68	
10/9/2020							4.6		6.49

Time Series

Constituent: Field pH (SU) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	5.33	6.62 (D)
5/4/2016	5.13	6.345 (D)
7/6/2016		6.42
7/7/2016	5.19	
9/7/2016	4.9	6.01
11/7/2016	4.78	
11/8/2016		6.02
1/10/2017	4.96	6
3/15/2017	4.89	
3/16/2017		6.12
5/16/2017	4.53	6.13
10/3/2017	4.64	5.47
12/20/2017	4.87	6.07 (R)
3/13/2018	4.91	6.26
6/7/2018	4.8	6.36
10/17/2018	4.87	6.18
2/27/2019		6.49
2/28/2019	4.86	
5/31/2019	4.84	6.65
11/11/2019	4.9	6.75
4/18/2020	4.91	6.97
10/8/2020		5.78
10/9/2020	4.93	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/3/2016							0.041 (J)	0.15	0.12
5/2/2016	<0.1		<0.1	<0.1		<0.1			
5/3/2016					<0.1				
5/4/2016		<0.1					<0.1	0.11	0.19
7/5/2016	<0.1		<0.1	<0.1	<0.1	<0.1			
7/6/2016								0.13	0.15
7/7/2016							<0.1		
7/8/2016		<0.1							
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/7/2016							<0.1		0.06 (J)
9/8/2016								0.12	
11/7/2016	<0.1		<0.1	<0.1	<0.1	<0.1			
11/8/2016							<0.1	0.13	0.09 (J)
11/10/2016		<0.1							
1/9/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
1/10/2017							<0.1	0.15	<0.1
1/11/2017		<0.1							
3/13/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
3/14/2017		<0.1							
3/15/2017							<0.1		<0.1
3/16/2017								0.16	
5/15/2017	<0.1		<0.1	<0.1	<0.1	<0.1		0.2	
5/16/2017							<0.1		0.04 (J)
5/18/2017		<0.1							
10/2/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
10/3/2017							<0.1	0.25	0.07 (J)
10/5/2017		<0.1							
12/20/2017								0.25	
3/12/2018	<0.1		<0.1	<0.1	<0.1	<0.1			
3/13/2018							<0.1	0.26	<0.1
3/14/2018		0.12							
6/5/2018	<0.1		<0.1	<0.1					
6/6/2018					<0.1	<0.1	<0.1		
6/7/2018								0.28	<0.1
6/10/2018		<0.1							
10/16/2018	<0.1		<0.1	<0.1					
10/17/2018					<0.1	<0.1		0.29	0.06 (J)
10/18/2018		<0.1					<0.1		
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							<0.1	0.28	<0.1
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.33	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/11/2019							<0.1	0.26	<0.1
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							<0.1	0.25	<0.1
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/8/2020								<0.1	
10/9/2020							<0.1		0.04 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	0.035 (J)	0.11
5/4/2016	<0.1	0.07 (J)
7/6/2016		0.07 (J)
7/7/2016	<0.1	
9/7/2016	<0.1	0.06 (J)
11/7/2016	<0.1	
11/8/2016		0.06 (J)
1/10/2017	<0.1	0.04 (J)
3/15/2017	<0.1	
3/16/2017		0.06 (J)
5/16/2017	<0.1	0.09 (J)
10/3/2017	<0.1	0.13
12/20/2017		0.1
3/13/2018	<0.1	0.1
6/7/2018	<0.1	0.14
10/17/2018	<0.1	0.14
2/27/2019		0.16
2/28/2019	<0.1	
5/31/2019	<0.1	0.2
11/11/2019	<0.1	0.16
4/18/2020	<0.1	0.17
10/8/2020		0.07 (J)
10/9/2020	<0.1	

Time Series

Constituent: Lead (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	<0.0013			
3/3/2016							<0.0013	<0.0013	<0.0013
5/2/2016	<0.0013		<0.0013	<0.0013		<0.0013			
5/3/2016					<0.0013				
5/4/2016		<0.0013					<0.0013	<0.0013	0.00086 (J)
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
7/6/2016								<0.0013	0.0014
7/7/2016							<0.0013		
7/8/2016		<0.0013							
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
9/7/2016							<0.0013		0.00056 (J)
9/8/2016								<0.0013	
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016							<0.0013	<0.0013	0.00047 (J)
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
1/10/2017							<0.0013	<0.0013	0.00041 (J)
1/11/2017		<0.0013							
3/13/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/15/2017							<0.0013		<0.0013
3/16/2017								<0.0013	
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013		<0.0013	
5/16/2017							<0.0013		<0.0013
5/18/2017		<0.0013							
3/12/2018	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
3/13/2018							<0.0013	<0.0013	<0.0013
3/14/2018		<0.0013							
6/5/2018	<0.0013		<0.0013	<0.0013					
6/6/2018					<0.0013	<0.0013	<0.0013		
6/7/2018								<0.0013	<0.0013
6/10/2018		<0.0013							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013			
10/18/2018		<0.0013							
2/27/2019	<0.0013	<0.0013	0.001 (J)	<0.0013	<0.0013	<0.0013			
2/28/2019							<0.0013	<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
11/6/2019	0.0001 (J)	<0.0013	6.6E-05 (J)	8.4E-05 (J)	<0.0013	0.0002 (J)			
4/16/2020	6.6E-05 (J)	<0.0013	<0.0013	<0.0013	<0.0013	0.00016 (J)			
4/18/2020							8.3E-05 (J)	0.00011 (J)	0.00022 (J)
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
10/8/2020								<0.0013	
10/9/2020							<0.0013		0.00048 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0013	<0.0013
5/4/2016	<0.0013	<0.0013
7/6/2016		<0.0013
7/7/2016	<0.0013	
9/7/2016	<0.0013	<0.0013
11/7/2016	<0.0013	
11/8/2016		<0.0013
1/10/2017	<0.0013	<0.0013
3/15/2017	<0.0013	
3/16/2017		<0.0013
5/16/2017	<0.0013	<0.0013
3/13/2018	<0.0013	<0.0013
6/7/2018	<0.0013	<0.0013
2/27/2019		<0.0013
2/28/2019	<0.0013	
4/18/2020	<0.0013	<0.0013
10/8/2020		<0.0013
10/9/2020	<0.0013	

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.005	<0.005	<0.005	<0.005					
3/1/2016					<0.005	0.0037			
3/3/2016							<0.005	0.037	<0.005
5/2/2016	<0.005		<0.005	<0.005		<0.005			
5/3/2016					<0.005				
5/4/2016		<0.005					<0.005	0.029	<0.005
7/5/2016	<0.005		<0.005	<0.005	<0.005	<0.005			
7/6/2016								0.024	0.0044 (J)
7/7/2016							<0.005		
7/8/2016		<0.005							
9/6/2016	<0.005	0.0037 (J)	<0.005	<0.005	<0.005	<0.005			
9/7/2016							<0.005		<0.005
9/8/2016								0.022	
11/7/2016	<0.005		<0.005	<0.005	<0.005	0.0097 (o)			
11/8/2016							<0.005	0.026	<0.005
11/10/2016		<0.005							
1/9/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
1/10/2017							<0.005	0.024	<0.005
1/11/2017		<0.005							
3/13/2017	<0.005		<0.005	<0.005	<0.005	<0.005			
3/14/2017		<0.005							
3/15/2017							<0.005		<0.005
3/16/2017								0.029	
5/15/2017	<0.005		<0.005	<0.005	<0.005	<0.005		0.025	
5/16/2017							<0.005		<0.005
5/18/2017		<0.005							
3/12/2018	0.0011 (J)		0.0014 (J)	<0.005	<0.005	<0.005			
3/13/2018							<0.005	0.03	<0.005
3/14/2018		<0.005							
6/5/2018	<0.005		0.0012 (J)	<0.005					
6/6/2018					<0.005	0.0021 (J)	<0.005		
6/7/2018								0.025	0.0012 (J)
6/10/2018		<0.005							
10/16/2018	<0.005		0.0015 (J)	0.0013 (J)					
10/17/2018					<0.005	0.0012 (J)		0.024	<0.005
10/18/2018		0.0013 (J)					<0.005		
2/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	0.002 (J)			
2/28/2019							<0.005	0.021	<0.005
5/31/2019	0.0021 (J)	0.0013 (J)	0.0017 (J)	0.0017 (J)	0.0015 (J)	0.0026 (J)	0.0014 (J)	0.021	0.0023 (J)
11/6/2019	0.0011	0.001	0.0011	<0.005	0.00063 (J)	0.0012			
11/11/2019							0.00062 (J)	0.023	0.0034
4/16/2020	0.0006 (J)	<0.005	0.00063 (J)	<0.005	<0.005	0.00091 (J)			
4/18/2020							0.00062 (J)	0.023	0.0012
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)	0.005	0.0049 (J)			
10/8/2020								0.029	
10/9/2020							<0.005		<0.005

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.005	<0.005
5/4/2016	<0.005	<0.005
7/6/2016		<0.005
7/7/2016	<0.005	
9/7/2016	<0.005	<0.005
11/7/2016	<0.005	
11/8/2016		<0.005
1/10/2017	<0.005	<0.005
3/15/2017	<0.005	
3/16/2017		<0.005
5/16/2017	<0.005	<0.005
3/13/2018	<0.005	<0.005
6/7/2018	0.0014 (J)	0.0011 (J)
10/17/2018	<0.005	<0.005
2/27/2019		0.0011 (J)
2/28/2019	<0.005	
5/31/2019	<0.005	0.0021 (J)
11/11/2019	0.00054 (J)	0.0013
4/18/2020	0.00047 (J)	<0.005
10/8/2020		<0.005
10/9/2020	<0.005	

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002					
3/1/2016					<0.0002	<0.0002			
3/3/2016							<0.0002	<0.0002	8.6E-05 (J)
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002		<0.0002			
5/3/2016					<0.0002				
5/4/2016		<0.0002					<0.0002	<0.0002	0.00026
7/5/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
7/6/2016								<0.0002	0.0012
7/7/2016							<0.0002		
7/8/2016		<0.0002 (*)							
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002 (*)			
9/7/2016							<0.0002		<0.0002
9/8/2016								<0.0002	
11/7/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
11/8/2016							<0.0002	<0.0002	0.00065
11/10/2016		<0.0002							
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)	<0.0002 (*)	<0.0002 (*)			
1/10/2017							<0.0002	<0.0002	<0.0002
1/11/2017		<0.0002							
3/13/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/14/2017		<0.0002 (*)							
3/15/2017							<0.0002		<0.0002
3/16/2017								<0.0002	
5/15/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	
5/16/2017							<0.0002		0.00042
5/18/2017		<0.0002							
3/12/2018	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
3/13/2018							<0.0002	<0.0002	0.00039
3/14/2018		9.3E-05 (J)							
6/5/2018	<0.0002		<0.0002	<0.0002					
6/6/2018					<0.0002	<0.0002	<0.0002		
6/7/2018								<0.0002	0.00033
6/10/2018		<0.0002							
10/16/2018	<0.0002		<0.0002	<0.0002					
10/17/2018					<0.0002	<0.0002		<0.0002	0.00041
10/18/2018		<0.0002					<0.0002		
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
2/28/2019							<0.0002	<0.0002	0.00055
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00054
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
11/11/2019							<0.0002	<0.0002	0.0011
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
4/18/2020							<0.0002	<0.0002	0.00082
10/7/2020	<0.0002	<0.0002	0.00025	0.00013 (J)	8E-05 (J)	<0.0002			
10/8/2020								<0.0002	
10/9/2020							<0.0002		0.00033

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0002	<0.0002
5/4/2016	<0.0002	<0.0002
7/6/2016		<0.0002 (*)
7/7/2016	<0.0002	
9/7/2016	<0.0002	<0.0002
11/7/2016	<0.0002	
11/8/2016		<0.0002
1/10/2017	<0.0002	<0.0002
3/15/2017	<0.0002	
3/16/2017		<0.0002
5/16/2017	<0.0002	<0.0002
3/13/2018	<0.0002	<0.0002
6/7/2018	<0.0002	<0.0002
10/17/2018	<0.0002	<0.0002
2/27/2019		<0.0002
2/28/2019	<0.0002	
5/31/2019	<0.0002	<0.0002
11/11/2019	<0.0002	<0.0002
4/18/2020	<0.0002	<0.0002
10/8/2020		8.7E-05 (J)
10/9/2020	0.00014 (J)	

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.015	<0.015	<0.015	<0.015					
3/1/2016					<0.015	<0.015			
3/3/2016							<0.015	0.99	<0.015
5/2/2016	<0.015		<0.015	<0.015		<0.015			
5/3/2016					<0.015				
5/4/2016		<0.015					<0.015	0.99	<0.015
7/5/2016	<0.015		<0.015	<0.015	<0.015	<0.015			
7/6/2016								1.9	0.0018 (J)
7/7/2016							<0.015		
7/8/2016		<0.015							
9/6/2016	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
9/7/2016							<0.015		0.0029 (J)
9/8/2016								2.4	
11/7/2016	<0.015		<0.015	<0.015	<0.015	<0.015			
11/8/2016							<0.015	2.2	<0.015
11/10/2016		<0.015							
1/9/2017	<0.015		<0.015	<0.015	<0.015	<0.015			
1/10/2017							<0.015	2.1	<0.015 (*)
1/11/2017		<0.015							
3/13/2017	0.0042 (J)		<0.015	0.0022 (J)	<0.015	<0.015			
3/14/2017		<0.015							
3/15/2017							<0.015		<0.015
3/16/2017								1.6	
5/15/2017	<0.015		<0.015	<0.015	<0.015	<0.015		1.2	
5/16/2017							<0.015		<0.015 (*)
5/18/2017		<0.015							
3/12/2018	<0.015		<0.015	<0.015	<0.015	<0.015			
3/13/2018							<0.015	1	0.0033 (J)
3/14/2018		<0.015							
6/5/2018	<0.015		0.00088 (J)	<0.015					
6/6/2018					<0.015	<0.015	<0.015		
6/7/2018								1.1	0.0065 (J)
6/10/2018		<0.015							
10/16/2018	<0.015		<0.015	<0.015					
10/17/2018					<0.015	<0.015		1.1	0.0043 (J)
10/18/2018		<0.015					<0.015		
2/27/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
2/28/2019							<0.015	0.77	0.0028 (J)
5/31/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0.64	<0.015
11/6/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
11/11/2019							<0.015	0.85	0.0056 (J)
4/16/2020	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
4/18/2020							<0.015	0.81	<0.015
10/7/2020	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
10/8/2020								0.5	
10/9/2020							<0.015		<0.015

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.015	<0.015
5/4/2016	<0.015	<0.015
7/6/2016		<0.015
7/7/2016	<0.015	
9/7/2016	<0.015	<0.015
11/7/2016	<0.015	
11/8/2016		<0.015
1/10/2017	<0.015	<0.015
3/15/2017	<0.015	
3/16/2017		<0.015
5/16/2017	<0.015 (*)	<0.015
3/13/2018	<0.015	<0.015
6/7/2018	0.0016 (J)	0.00098 (J)
10/17/2018	<0.015	<0.015
2/27/2019		<0.015
2/28/2019	<0.015	
5/31/2019	<0.015	<0.015
11/11/2019	<0.015	<0.015
4/18/2020	<0.015	<0.015
10/8/2020		<0.015
10/9/2020	<0.015	

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013					
3/1/2016					<0.0013	<0.0013			
3/3/2016							<0.0013	0.008	0.0041 (J)
5/2/2016	<0.0013		<0.0013	0.00025 (J)		<0.0013			
5/3/2016					<0.0013				
5/4/2016		<0.0013					<0.0013	0.0068	0.008
7/5/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
7/6/2016								0.0061	0.0056
7/7/2016							<0.0013		
7/8/2016		<0.0013							
9/6/2016	0.00049 (J)	<0.0013	<0.0013	0.00027 (J)	<0.0013	<0.0013			
9/7/2016							<0.0013		0.0045
9/8/2016								0.0065	
11/7/2016	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
11/8/2016							<0.0013	0.0046	0.0055
11/10/2016		<0.0013							
1/9/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013			
1/10/2017							<0.0013	0.0045	0.0056
1/11/2017		0.00049 (J)							
3/13/2017	0.0023		<0.0013	0.0025	<0.0013	<0.0013			
3/14/2017		<0.0013							
3/15/2017							<0.0013		0.0088
3/16/2017								0.0079	
5/15/2017	<0.0013		<0.0013	<0.0013	<0.0013	<0.0013		0.0064	
5/16/2017							<0.0013		0.0029
5/18/2017		<0.0013							
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)	0.00026 (J)	<0.0013			
3/13/2018							<0.0013	0.0037	0.0065
3/14/2018		0.00067 (J)							
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)					
6/6/2018					0.00025 (J)	0.00026 (J)	<0.0013		
6/7/2018								0.0054	0.0047
6/10/2018		0.00028 (J)							
10/16/2018	<0.0013		<0.0013	<0.0013					
10/17/2018					<0.0013	<0.0013		0.0026	0.05 (o)
10/18/2018		<0.0013					<0.0013		
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
2/28/2019							<0.0013	0.002	0.0011 (J)
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0041	0.0045
11/6/2019	<0.0013	<0.0013	<0.0013	0.00034	<0.0013	<0.0013			
11/11/2019							<0.0013	0.0031	0.0067
4/16/2020	<0.0013	<0.0013	<0.0013	0.0004	<0.0013	<0.0013			
4/18/2020							<0.0013	0.0035	0.0066
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013			
10/8/2020								0.0014	
10/9/2020							<0.0013		0.0057

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0013	0.0051 (J)
5/4/2016	<0.0013	0.0049
7/6/2016		0.0066
7/7/2016	<0.0013	
9/7/2016	<0.0013	0.0073
11/7/2016	<0.0013	
11/8/2016		0.0058
1/10/2017	<0.0013	0.0058
3/15/2017	<0.0013	
3/16/2017		0.006
5/16/2017	<0.0013	0.0058
3/13/2018	<0.0013	0.0048
6/7/2018	<0.0013	0.0061
10/17/2018	<0.0013	0.0023
2/27/2019		0.0033
2/28/2019	<0.0013	
5/31/2019	<0.0013	0.0031
11/11/2019	0.00027	0.002
4/18/2020	<0.0013	0.0021
10/8/2020		0.0047
10/9/2020	<0.0013	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<5	<5	<5	1.6 (J)					
3/1/2016					<5	<5			
3/3/2016							<5	180	550
5/2/2016	15 (o)		<5	2.1 (J)		<5			
5/3/2016					<5				
5/4/2016		<5					<5	200	520
7/5/2016	<5		<5	2 (J)	<5	<5			
7/6/2016								150	510
7/7/2016							<5		
7/8/2016		<5							
9/6/2016	<5	<5	<5	1.8 (J)	<5	3.7 (J)			
9/7/2016							<5		340
9/8/2016								160	
11/7/2016	<5		<5	1.7 (J)	<5	<5			
11/8/2016							<5	230	630
11/10/2016		<5							
1/9/2017	<5		2.6 (J)	1.5 (J)	<5	<5			
1/10/2017							<5	190	580
1/11/2017		<5							
3/13/2017	2.5 (J)		<5	2.2 (J)	<5	<5			
3/14/2017		<5							
3/15/2017							<5 (*)		250
3/16/2017								190	
5/15/2017	<5		<5	1.9 (J)	<5	<5		190	
5/16/2017							<5		410
5/18/2017		<5 (X)							
10/2/2017	<5		<5	3.4 (J)	1.5 (J)	1.7 (J)			
10/3/2017							<5	130	440
10/5/2017		<5							
12/20/2017								85	400
3/12/2018	<5		<5	2.6 (J)	<5	<5			
3/13/2018							<5	160	460
3/14/2018		<5							
6/5/2018	<5		<5	2.6 (J)					
6/6/2018					<5	<5	<5		
6/7/2018								280	420
6/10/2018		1.5 (J)							
10/16/2018	<5		<5	2.8 (J)					
10/17/2018					<5	<5		250	320
10/18/2018		<5					<5		
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	<5	<5			
2/28/2019							<5	140	490
5/31/2019	<5	<5	<5	3.3 (J)	<5	<5	<5	140	500
11/6/2019	<5	<5	<5	3.7 (J)	<5	<5			
11/11/2019							<5	230	340
4/16/2020	<5	<5	<5	1.7 (J)	<5	<5			
4/18/2020							<5	260	600
10/7/2020	<5	<5	<5	4 (J)	<5	<5			
10/8/2020								160	
10/9/2020							<5		300

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<5	230
5/4/2016	<5	280
7/6/2016		270
7/7/2016	<5	
9/7/2016	<5	280
11/7/2016	<5	
11/8/2016		280
1/10/2017	<5	240
3/15/2017	<5 (*)	
3/16/2017		220
5/16/2017	<5	200
10/3/2017	<5	180
12/20/2017		170
3/13/2018	1.5 (J)	210
6/7/2018	<5	210
10/17/2018	<5	140
2/27/2019		150
2/28/2019	2.6 (J)	
5/31/2019	12	210
11/11/2019	5.5	170
4/18/2020	<5	120
10/8/2020		170
10/9/2020	<5	

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/1/2016					<0.0005	<0.0005			
3/3/2016							<0.0005	0.00023 (J)	0.00015 (J)
5/2/2016	<0.0005		<0.0005	<0.0005		<0.0005			
5/3/2016					<0.0005				
5/4/2016		<0.0005					<0.0005	0.00021 (J)	0.00021 (J)
7/5/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
7/6/2016								0.00016 (J)	0.00022 (J)
7/7/2016							<0.0005		
7/8/2016		<0.0005							
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/7/2016							<0.0005		0.0001 (J)
9/8/2016								0.00015 (J)	
11/7/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
11/8/2016							<0.0005	0.00017 (J)	0.00014 (J)
11/10/2016		<0.0005							
1/9/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
1/10/2017							<0.0005	0.00018 (J)	0.00018 (J)
1/11/2017		<0.0005							
3/13/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/14/2017		<0.0005							
3/15/2017							<0.0005		<0.0005
3/16/2017								0.00024 (J)	
5/15/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		0.00022 (J)	
5/16/2017							<0.0005		9.5E-05 (J)
5/18/2017		<0.0005							
3/12/2018	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2018							<0.0005	0.00022 (J)	0.00017 (J)
3/14/2018		<0.0005							
6/5/2018	<0.0005		<0.0005	<0.0005					
6/6/2018					<0.0005	<0.0005	<0.0005		
6/7/2018								0.00022 (J)	0.00017 (J)
6/10/2018		<0.0005							
10/16/2018	<0.0005		<0.0005	<0.0005					
10/17/2018					<0.0005	<0.0005		0.00019 (J)	0.00011 (J)
10/18/2018		<0.0005					<0.0005		
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/28/2019							<0.0005	0.00018 (J)	0.00016 (J)
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
11/11/2019							<0.0005	0.00023 (J)	0.00029 (J)
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
4/18/2020							<0.0005	0.00027	0.00026
10/7/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
10/8/2020								0.00038 (J)	
10/9/2020							<0.0005		0.00015 (J)

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	<0.0005	0.00023 (J)
5/4/2016	<0.0005	0.00026 (J)
7/6/2016		0.00032 (J)
7/7/2016	<0.0005	
9/7/2016	<0.0005	0.00036 (J)
11/7/2016	<0.0005	
11/8/2016		0.00032 (J)
1/10/2017	<0.0005	0.00033 (J)
3/15/2017	<0.0005	
3/16/2017		0.00029 (J)
5/16/2017	<0.0005	0.00027 (J)
3/13/2018	<0.0005	0.00028 (J)
6/7/2018	<0.0005	0.00026 (J)
10/17/2018	<0.0005	0.00022 (J)
2/27/2019		0.00022 (J)
2/28/2019	<0.0005	
5/31/2019	<0.0005	<0.0005
11/11/2019	<0.0005	0.00023 (J)
4/18/2020	<0.0005	0.00016
10/8/2020		0.00031 (J)
10/9/2020	<0.0005	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-303	MW-304
2/29/2016	20	20	<5	12					
3/1/2016					10	<5			
3/3/2016							18	420	1100
5/2/2016	<5		<5	6		36			
5/3/2016					<5				
5/4/2016		6					28	450	1200
7/5/2016	12		14	<5	<5	<5			
7/6/2016								280	870
7/7/2016							<5		
7/8/2016		6							
9/6/2016	36	36	30	38	36	44			
9/7/2016							8		650
9/8/2016								410	
11/7/2016	18		8	<5	<5	30			
11/8/2016							24	580	1100
11/10/2016		16							
1/9/2017	4 (J)		<5	14	<5	12			
1/10/2017							30	530	1300
1/11/2017		38							
3/13/2017	6		<5	8	22	20			
3/14/2017		<5							
3/15/2017							32		500
3/16/2017								650	
5/15/2017	<5		<5	<5	6	4 (J)		500	
5/16/2017							<5		850
5/18/2017		10							
10/2/2017	<5		<5	6	16	24			
10/3/2017							34	310	760
10/5/2017		<5							
12/20/2017								150	830
3/12/2018	18		14	<5	<5	<5			
3/13/2018							26	450	880
3/14/2018		8							
6/5/2018	10		<5	14					
6/6/2018					20	16	64		
6/7/2018								620	670
6/10/2018		8							
10/16/2018	32		12	6					
10/17/2018					44	44		700	770
10/18/2018		28					12		
2/27/2019	110	68	54	110	20	28			
2/28/2019							20	330	880
5/31/2019	46	<5	8	26	32	18	36	300	1200
11/6/2019	<5	10	4 (J)	<5	24	20			
11/11/2019							66	390	370
4/16/2020	28	44	18	8	6	8			
4/18/2020							62	520	1000
10/7/2020	30	24	20	26	16	12			
10/8/2020								850	
10/9/2020							52		580

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/7/2021 5:48 PM View: Descriptive - 300 Series

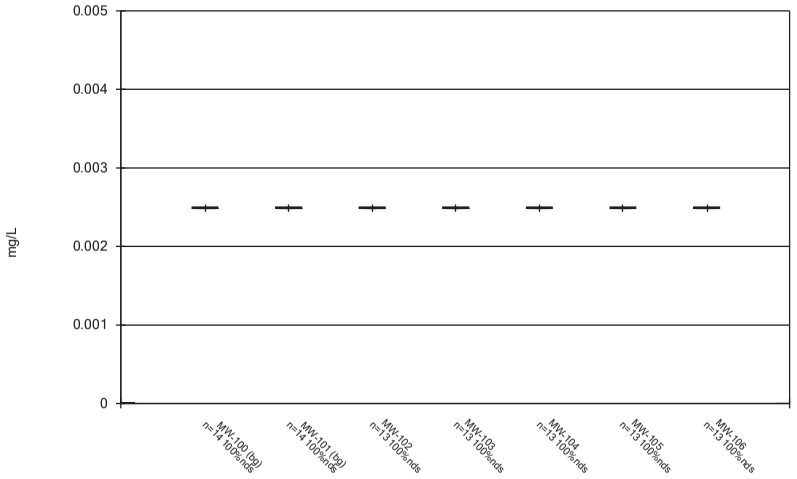
Plant Crist Client: Gulf Power Data: Plant Crist CCR

	MW-305	MW-308
3/3/2016	18	490
5/4/2016	38	690
7/6/2016		500
7/7/2016	<5	
9/7/2016	14	590
11/7/2016	32	
11/8/2016		530
1/10/2017	32	510
3/15/2017	20	
3/16/2017		420
5/16/2017	18	430
10/3/2017	36	320
12/20/2017		410
3/13/2018	12	590
6/7/2018	<5	530
10/17/2018	68	390
2/27/2019		420
2/28/2019	28	
5/31/2019	50	620
11/11/2019	38	410
4/18/2020	36	280
10/8/2020		380
10/9/2020	42	

Box Plots - 100, 200 & 300 Series

100 Series

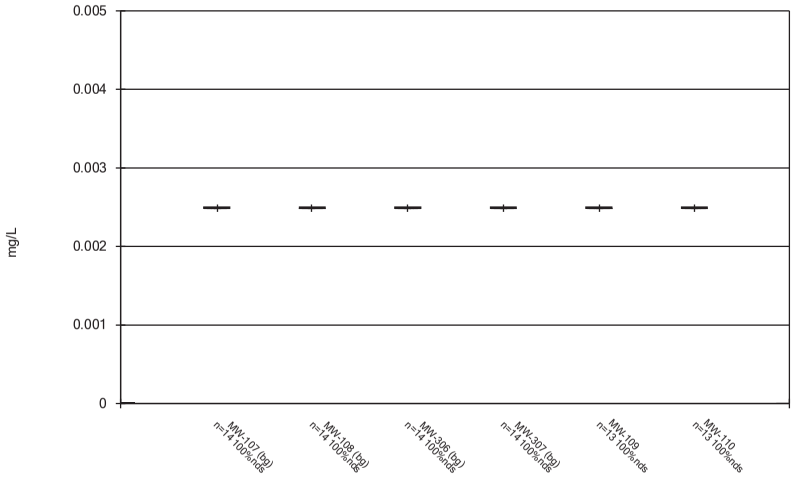
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

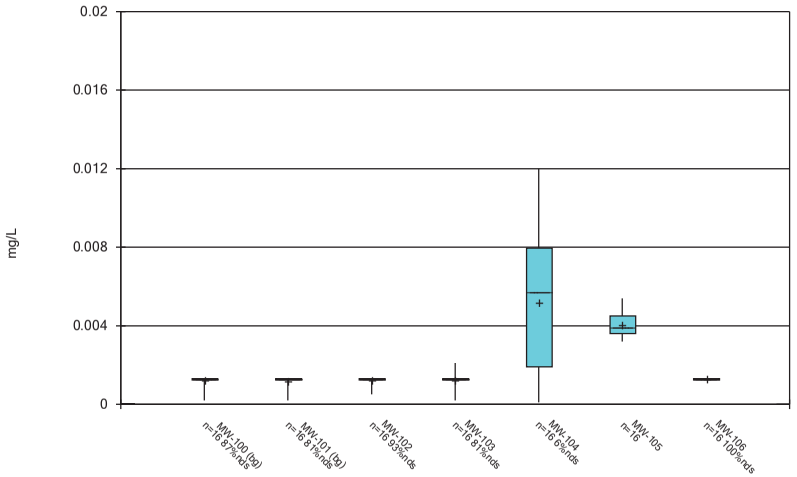
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

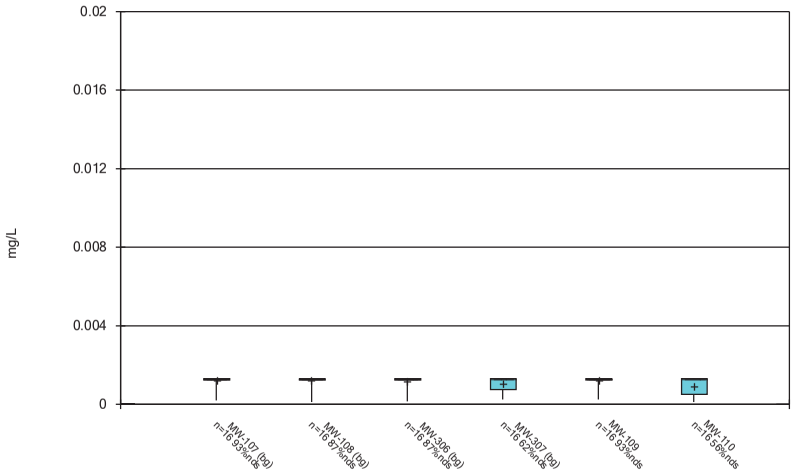
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

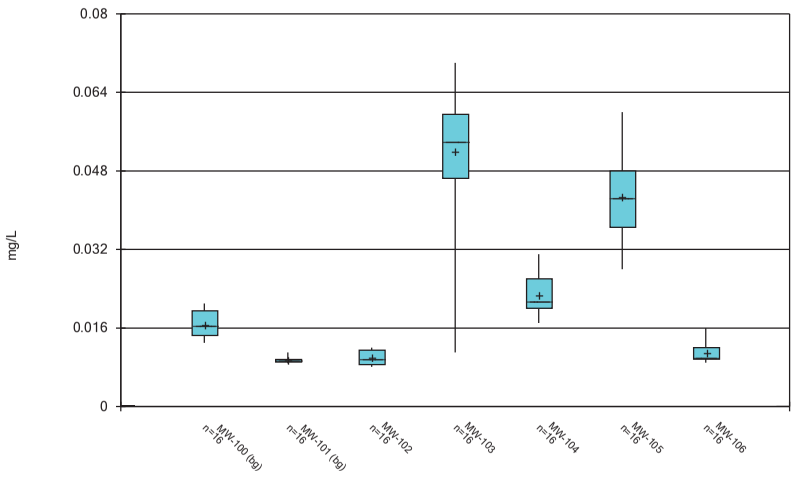
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

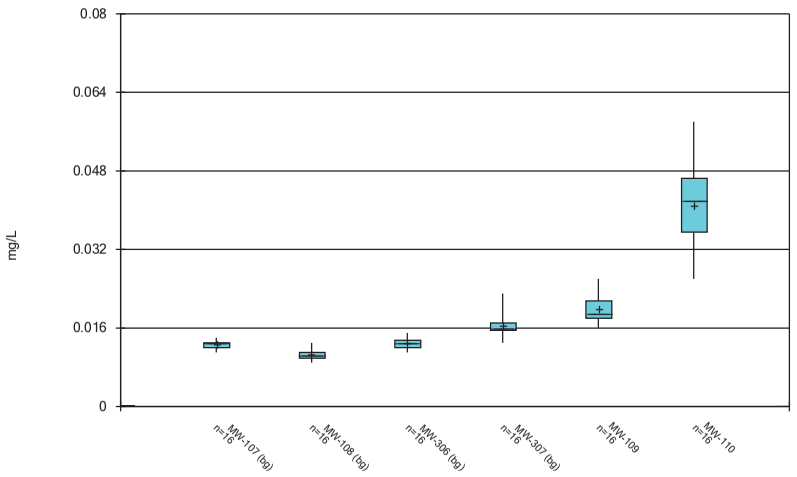
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

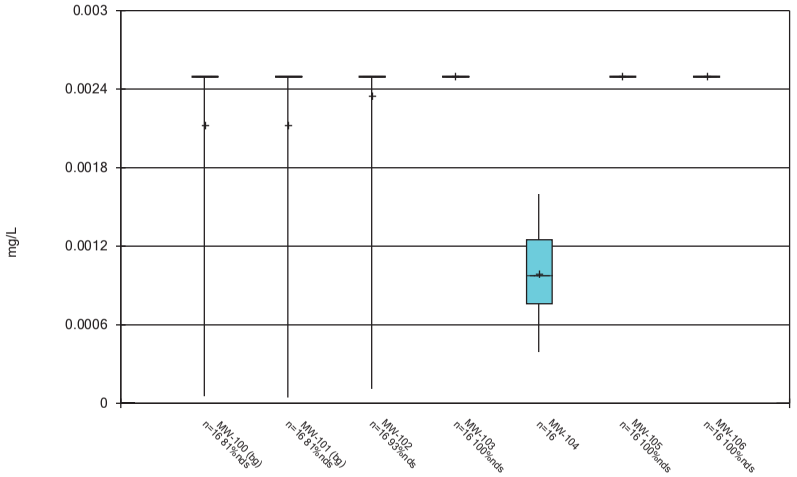
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

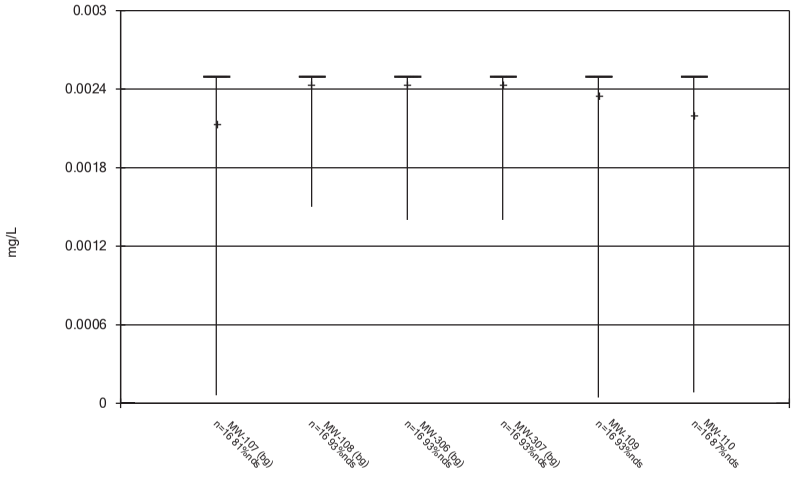
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

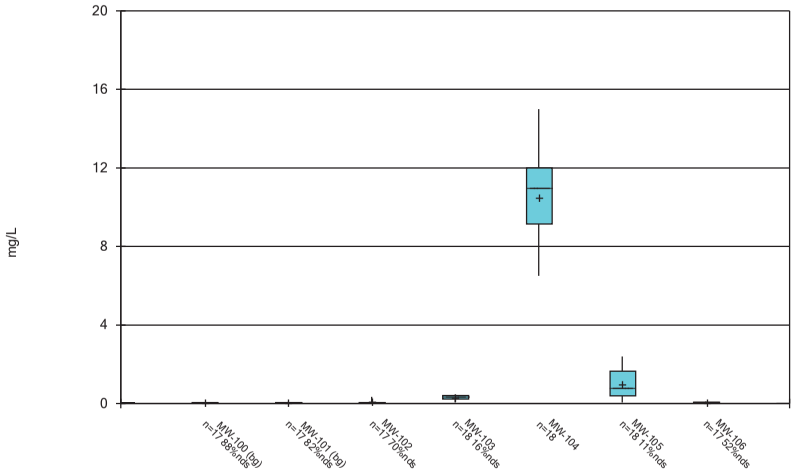
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

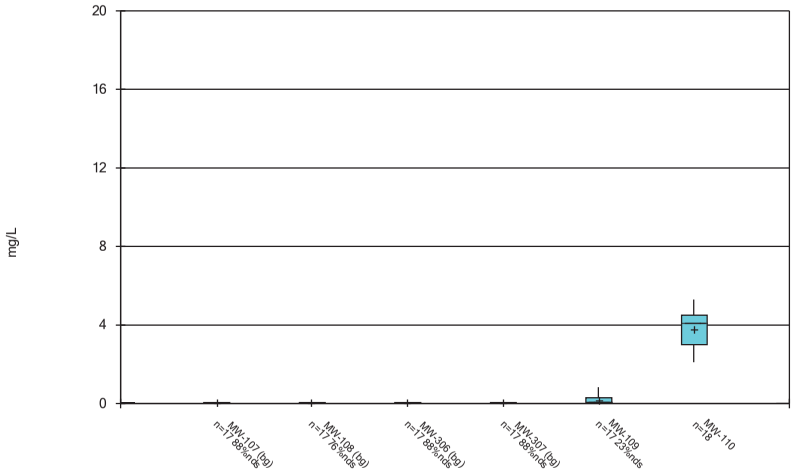
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

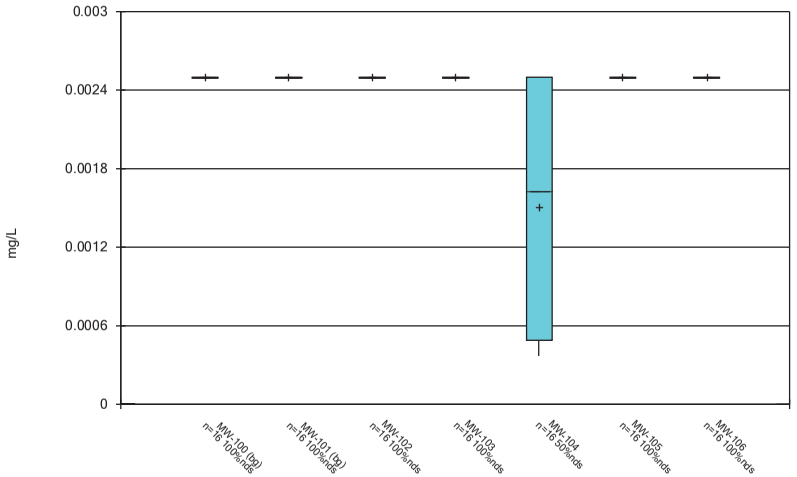
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

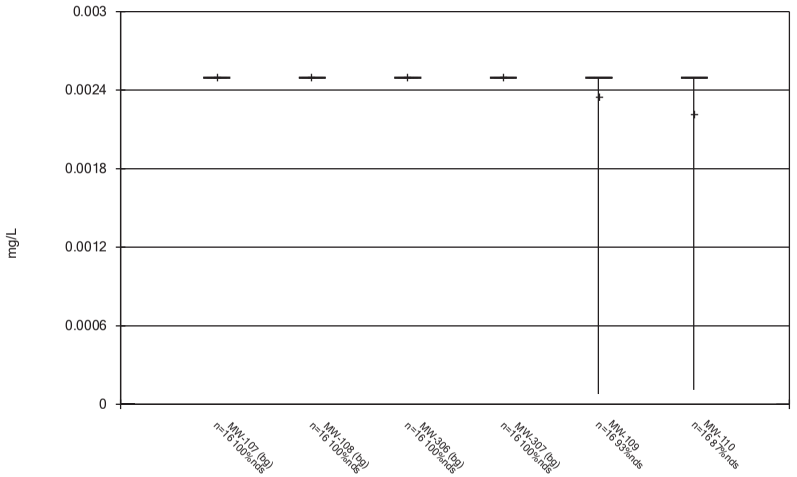
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

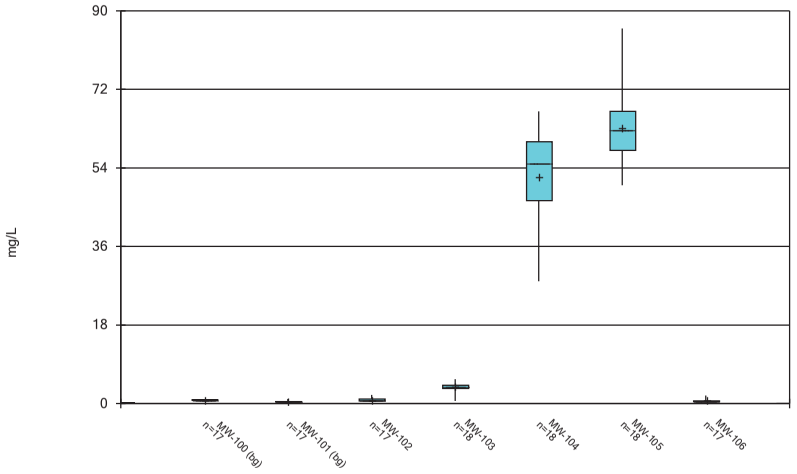
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

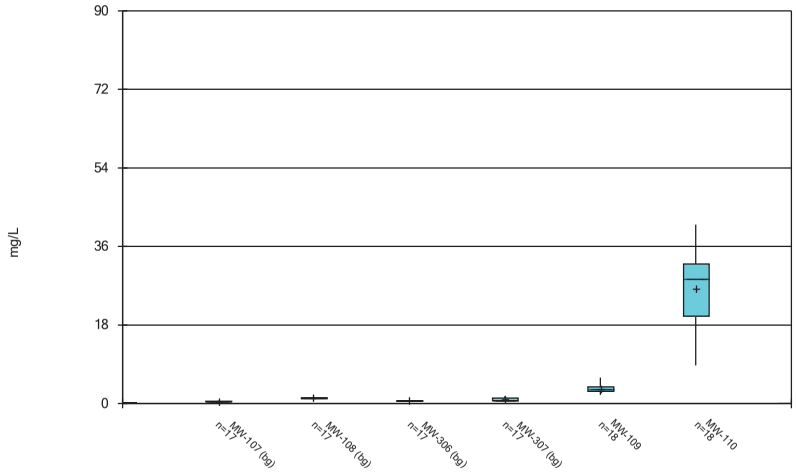
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

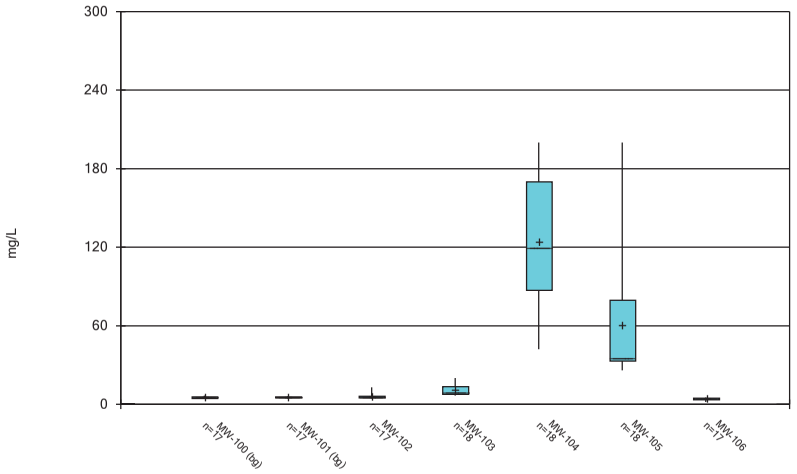
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

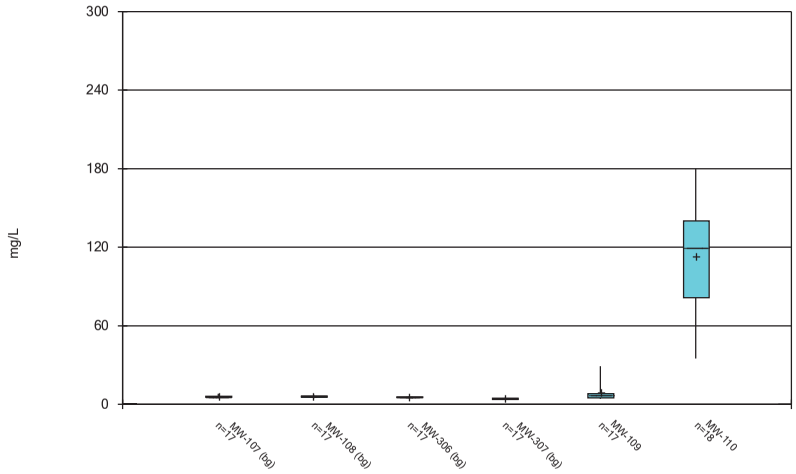
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

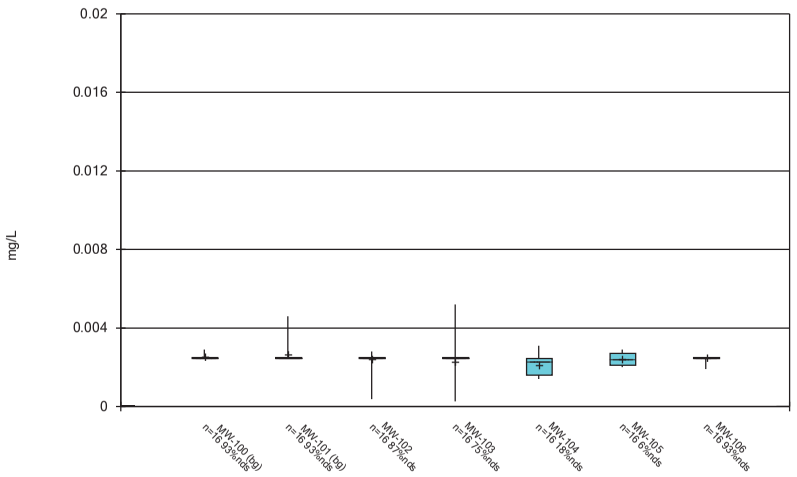
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

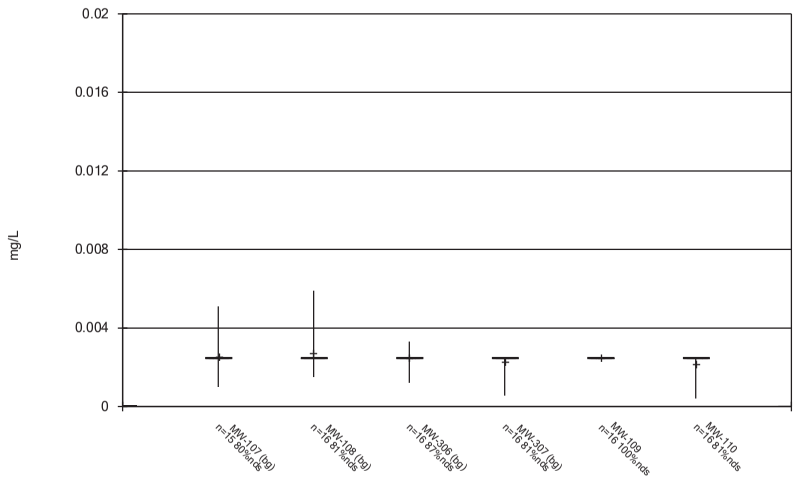
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

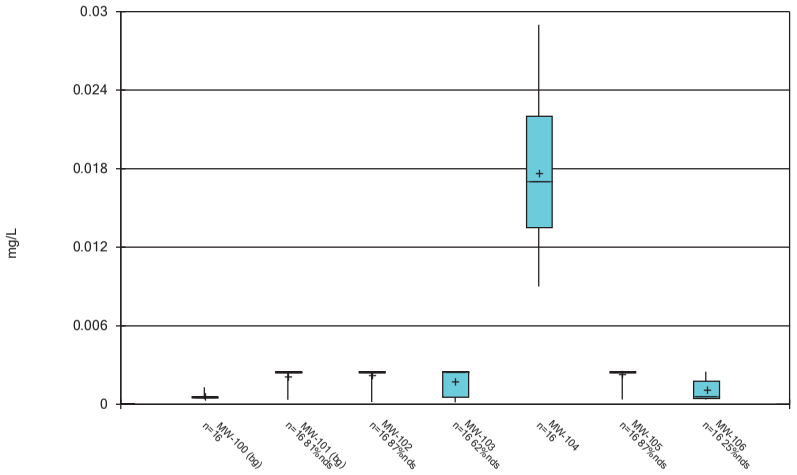
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

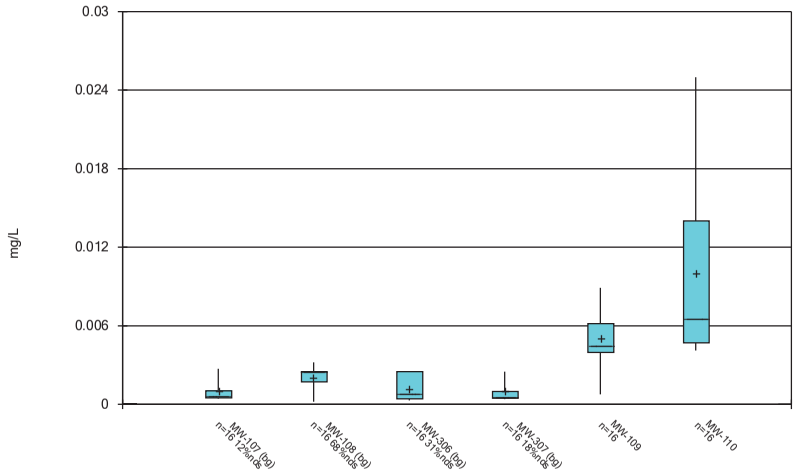
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

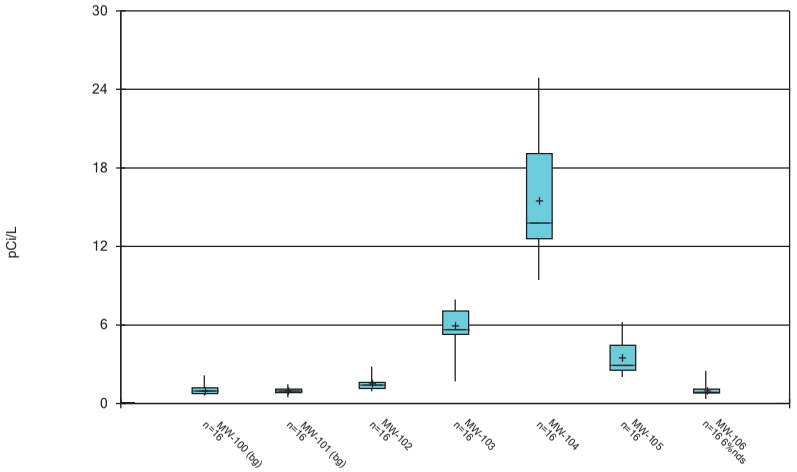
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

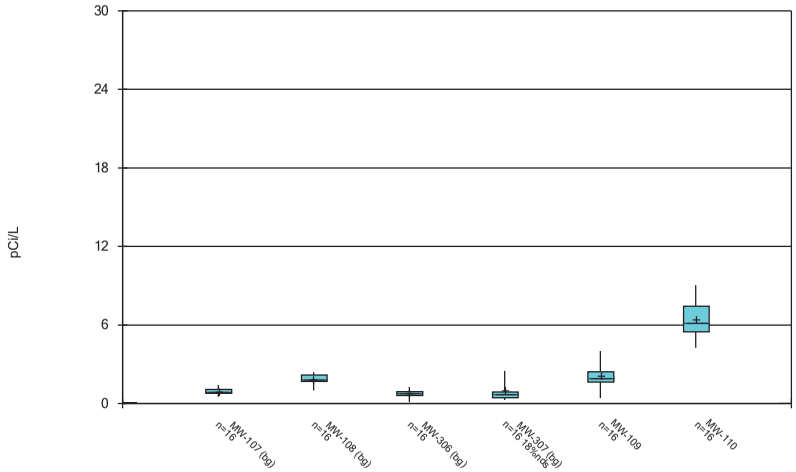
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

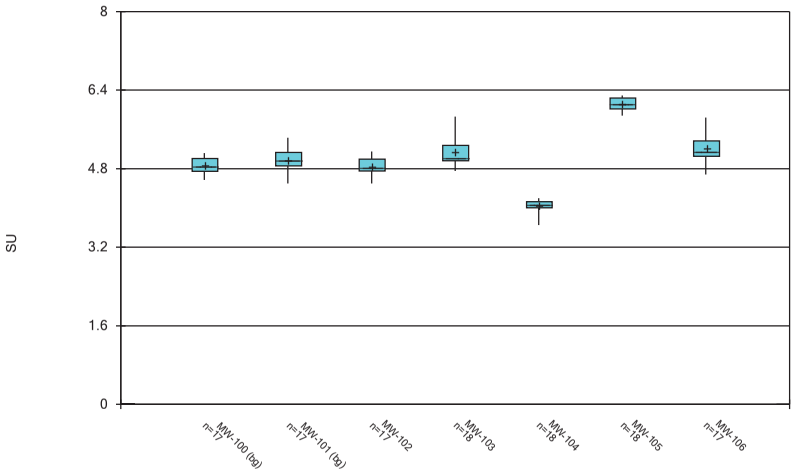
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

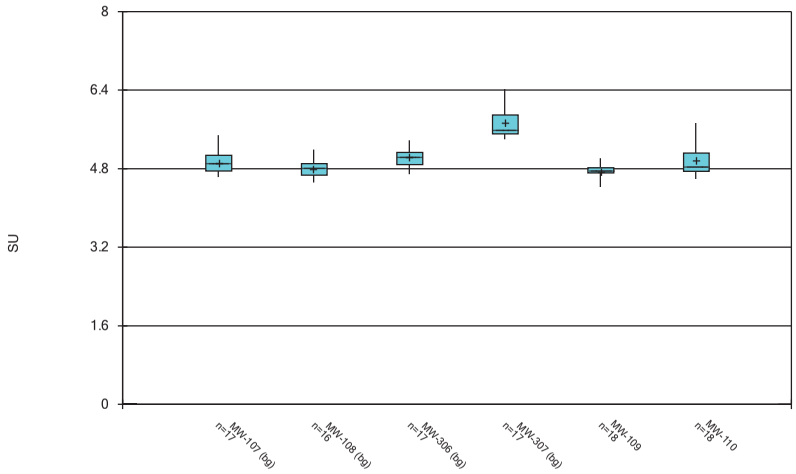
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

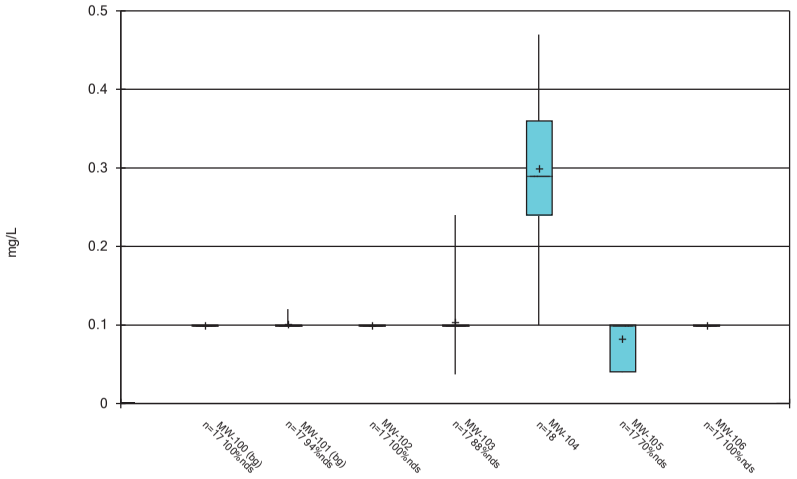
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

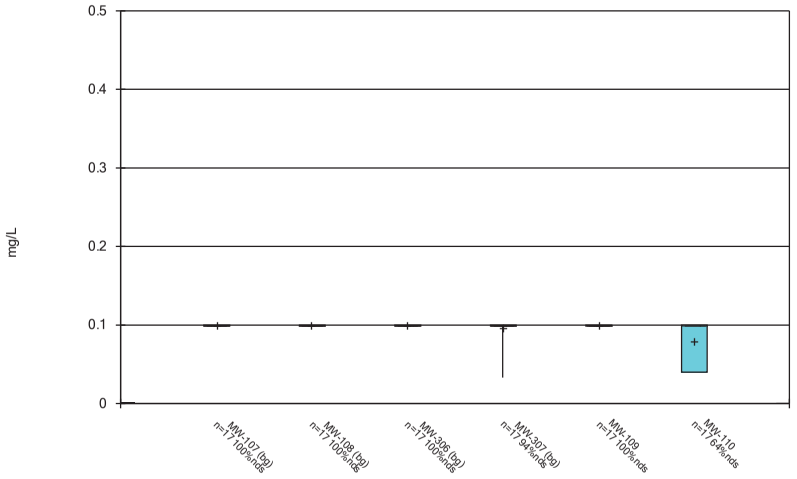
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

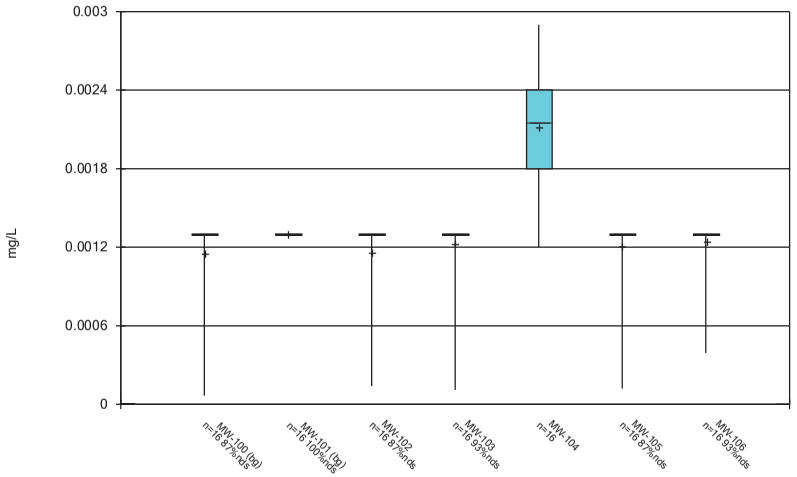
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

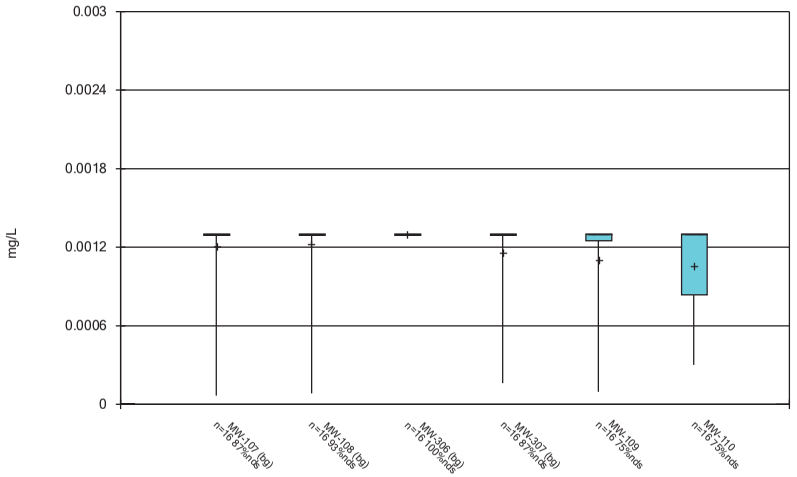
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

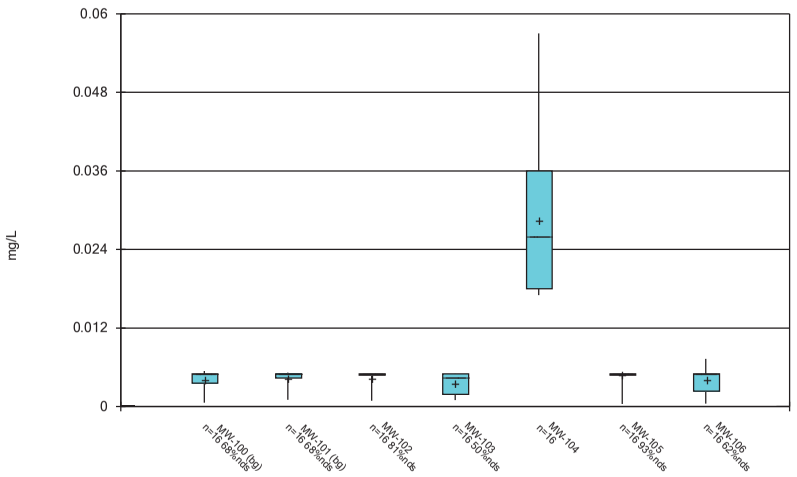
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lead Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

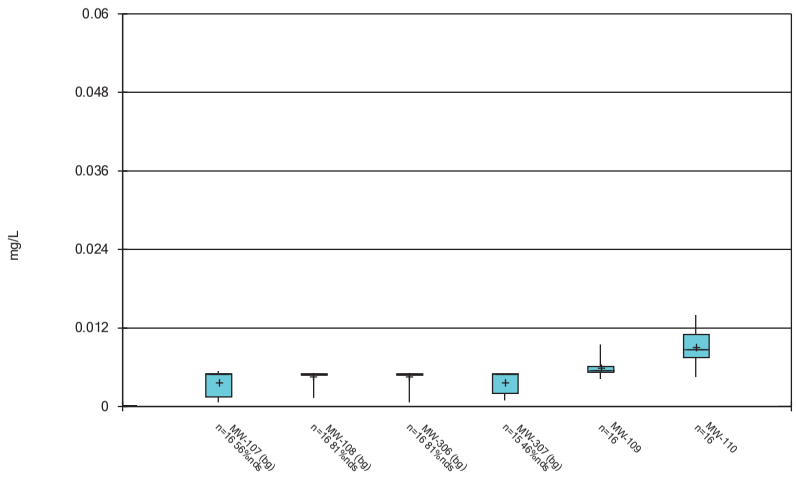
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

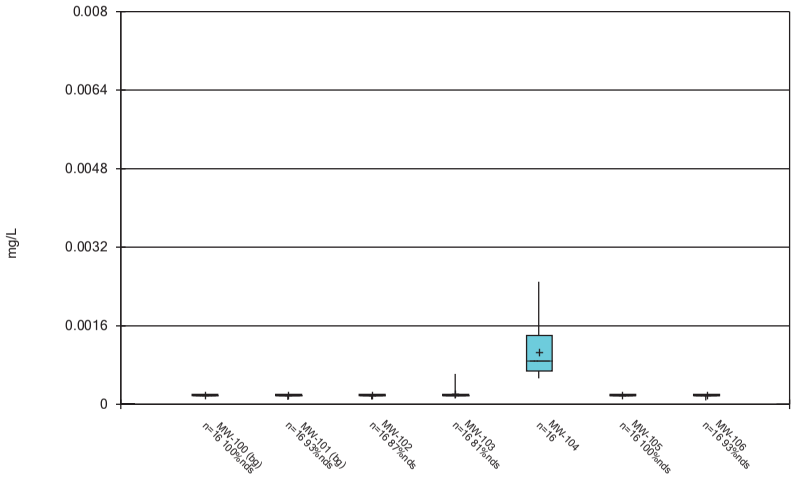
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

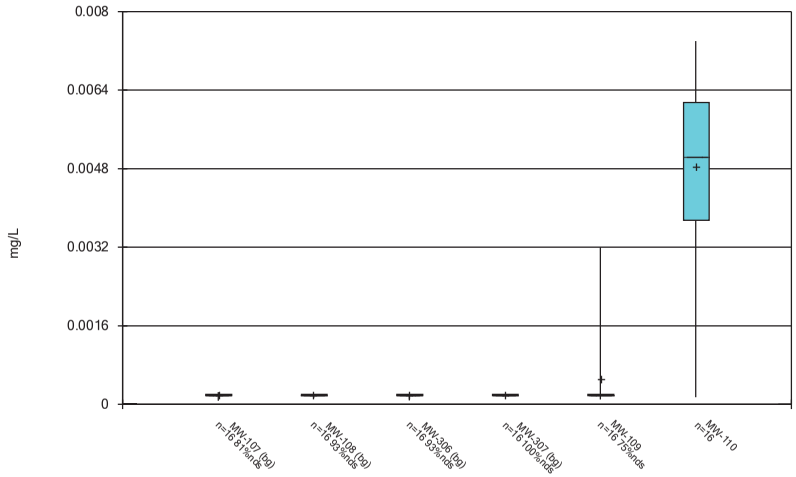
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

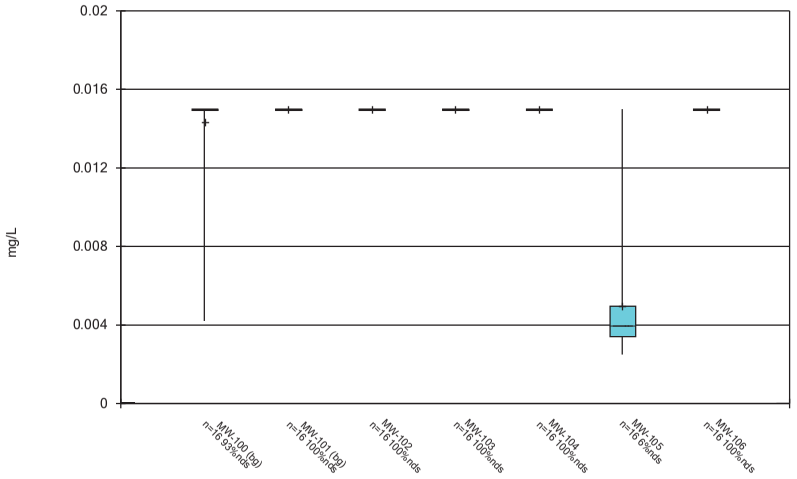
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

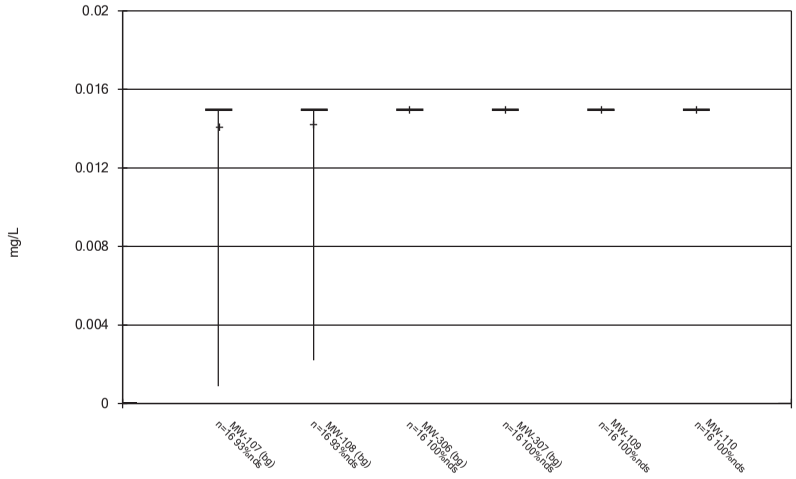
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

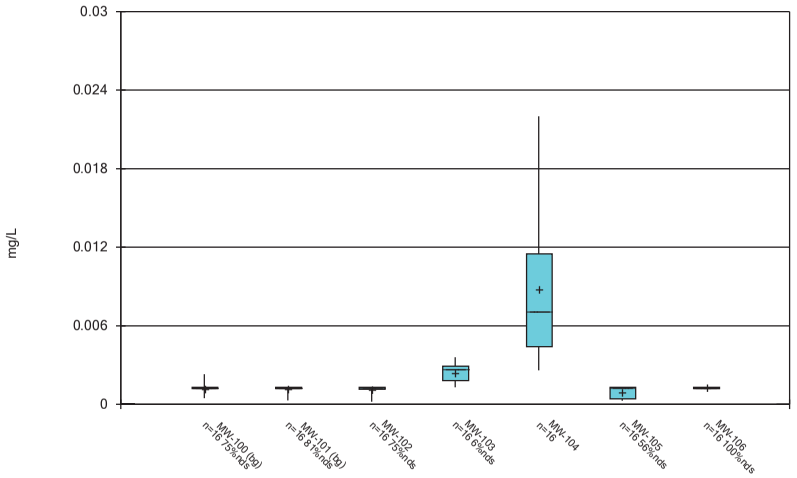
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

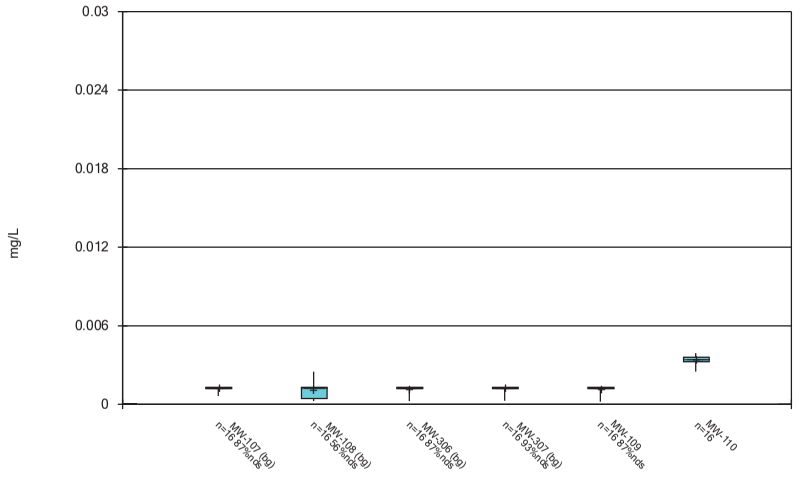
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

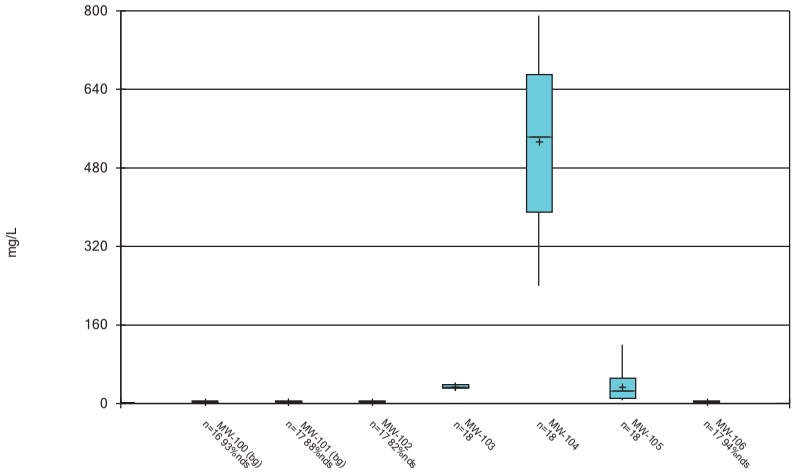
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

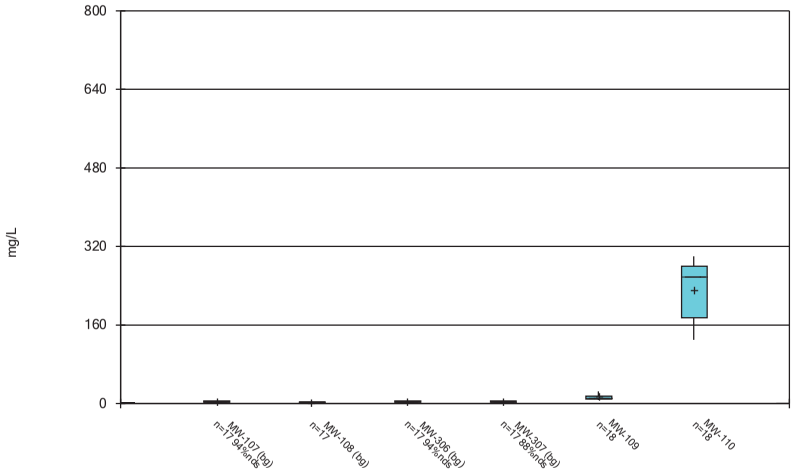
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

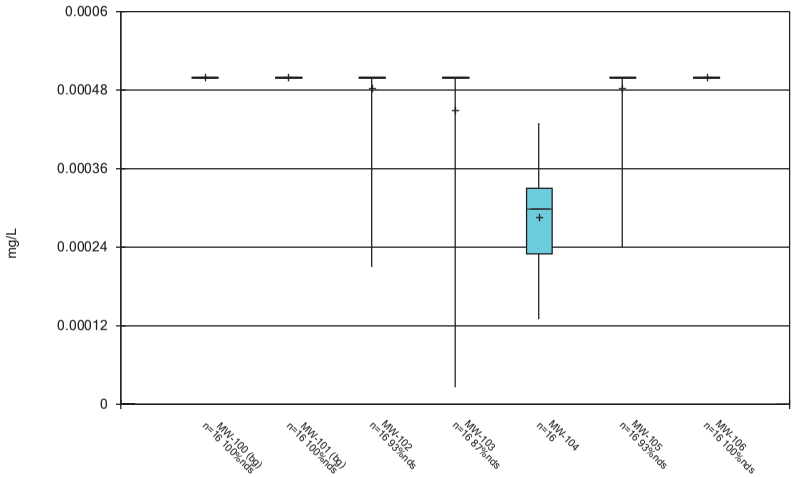
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

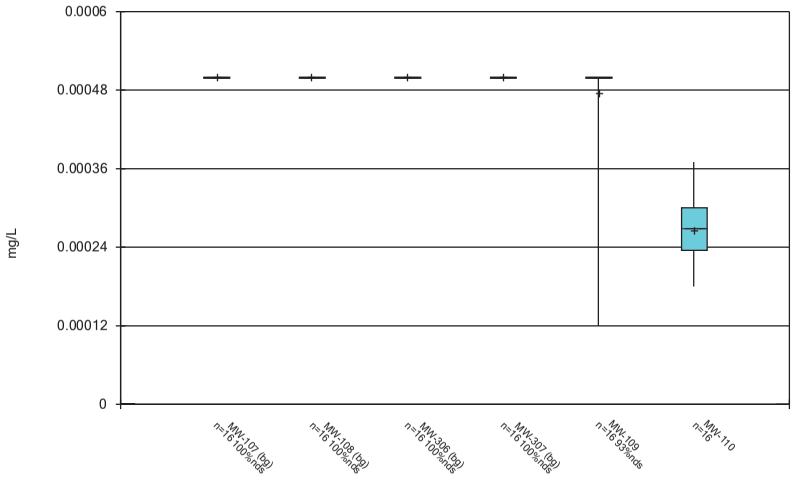
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

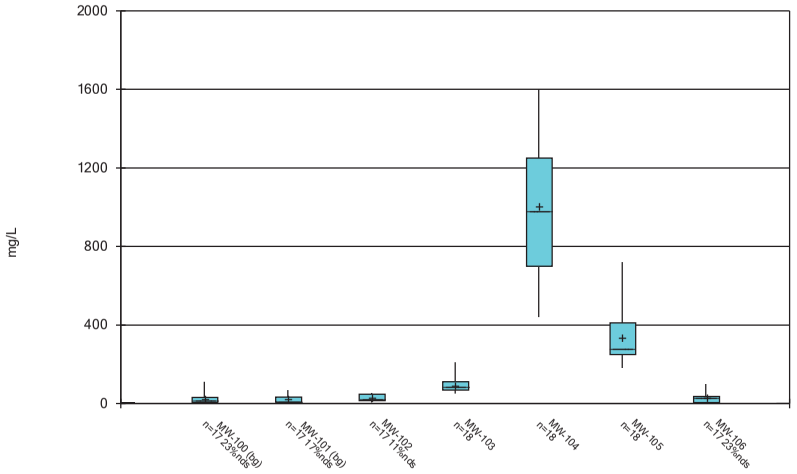
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

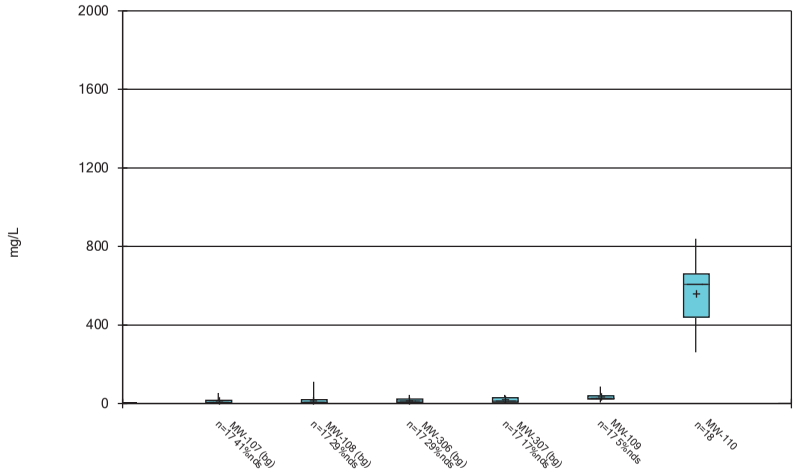
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

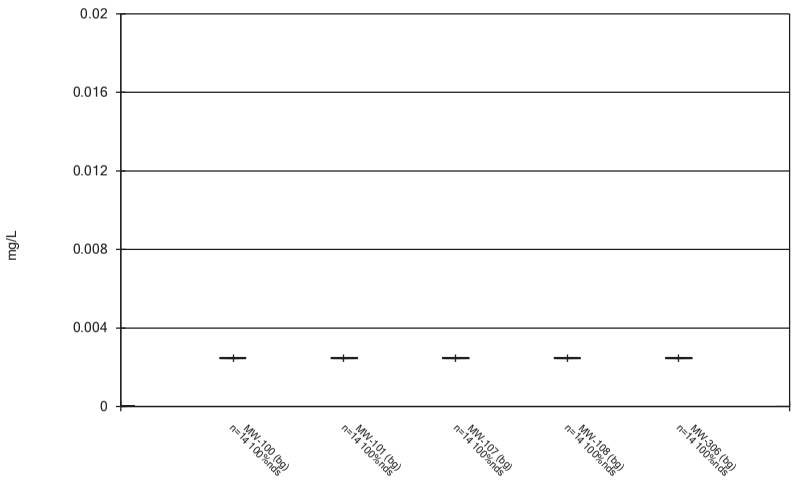
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/7/2021 5:40 PM View: Descriptive - 100 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

200 Series

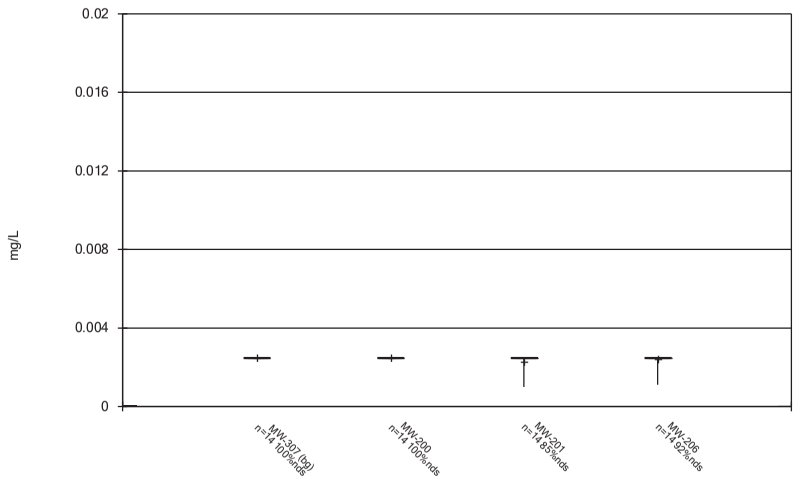
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

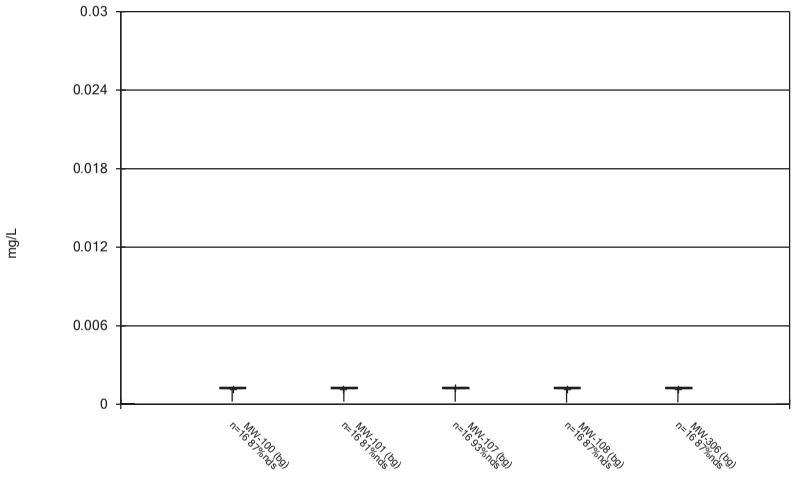
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

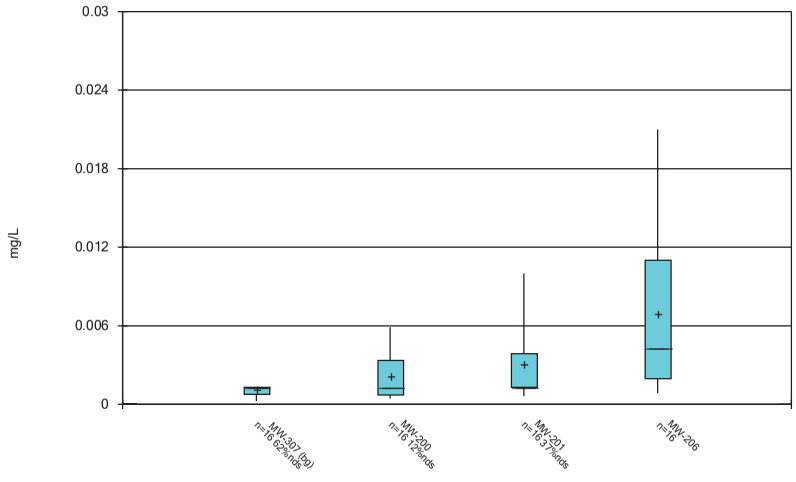
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

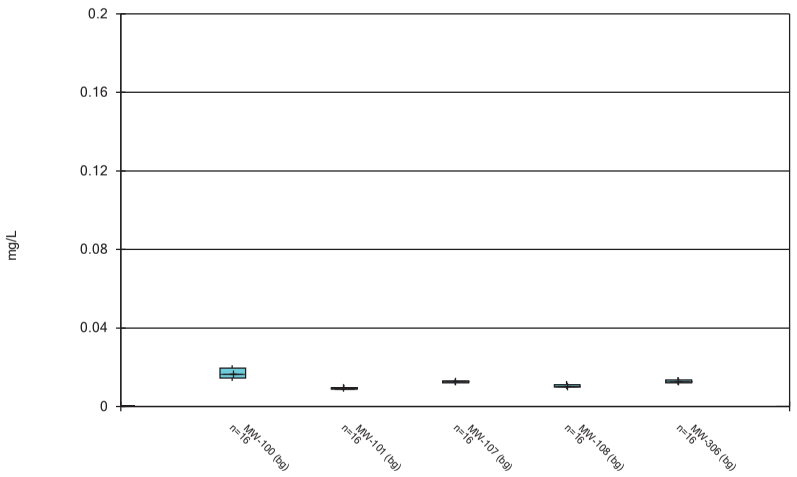
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

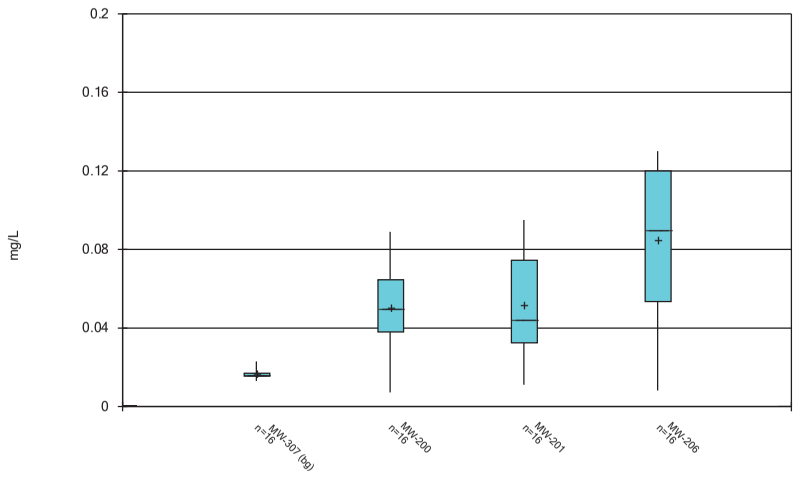
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

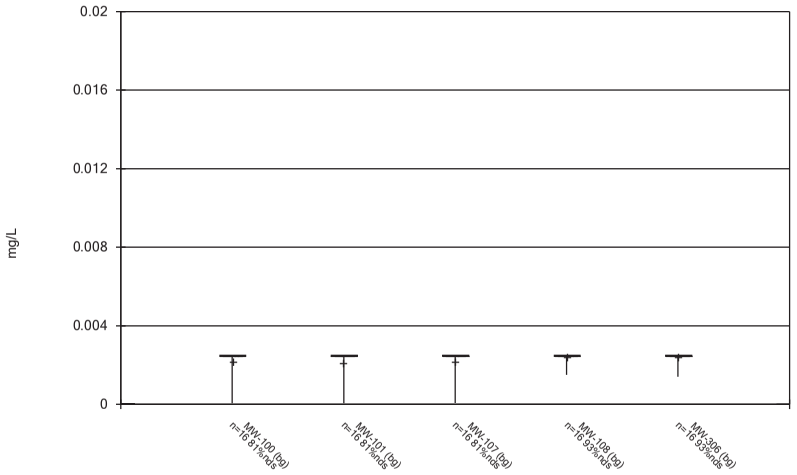
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

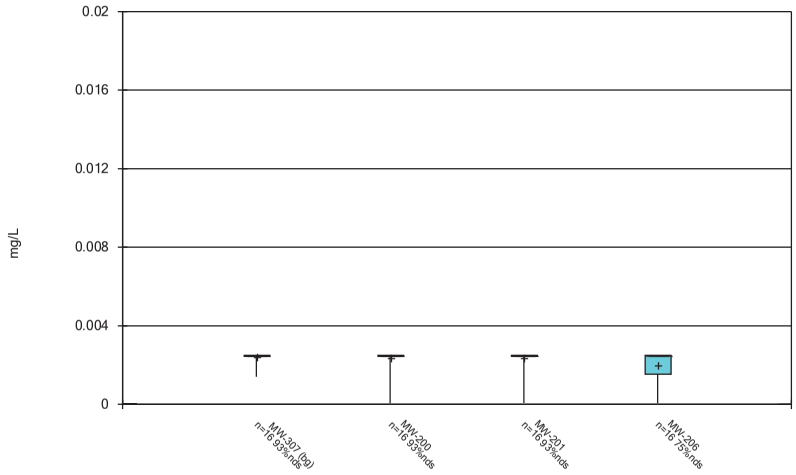
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



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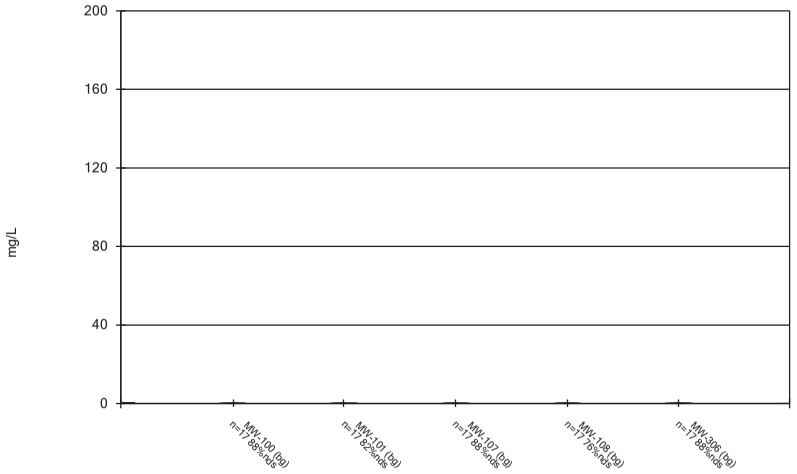
Plant Crist Client: Gulf Power Data: Plant Crist CCR

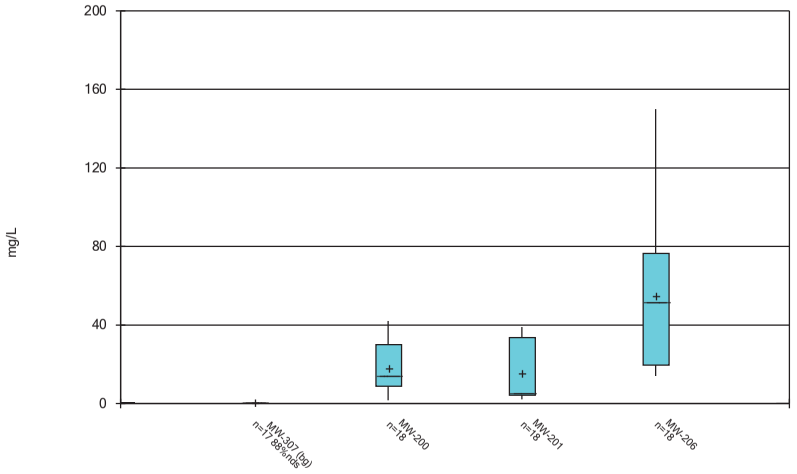
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

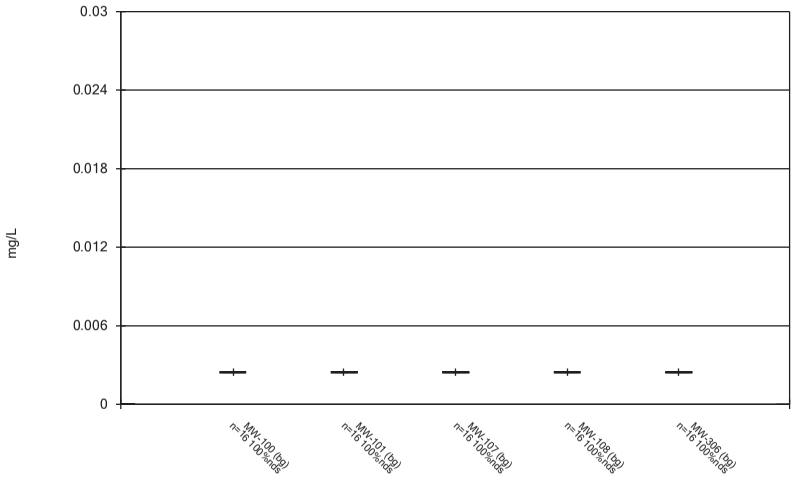
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

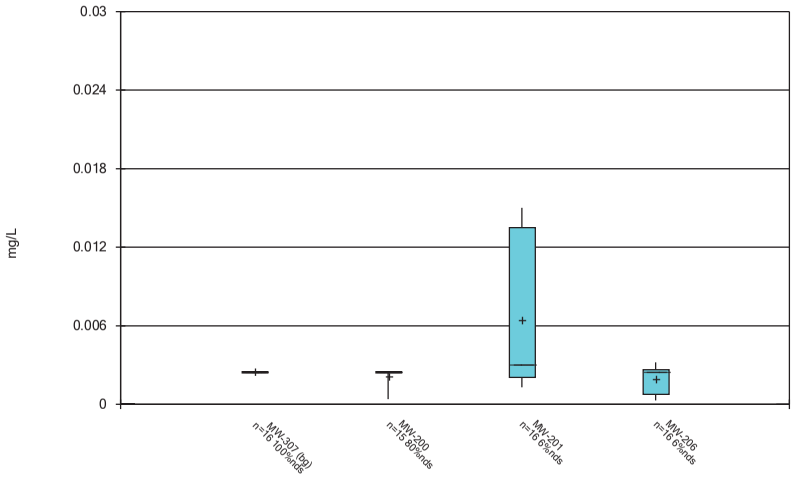
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

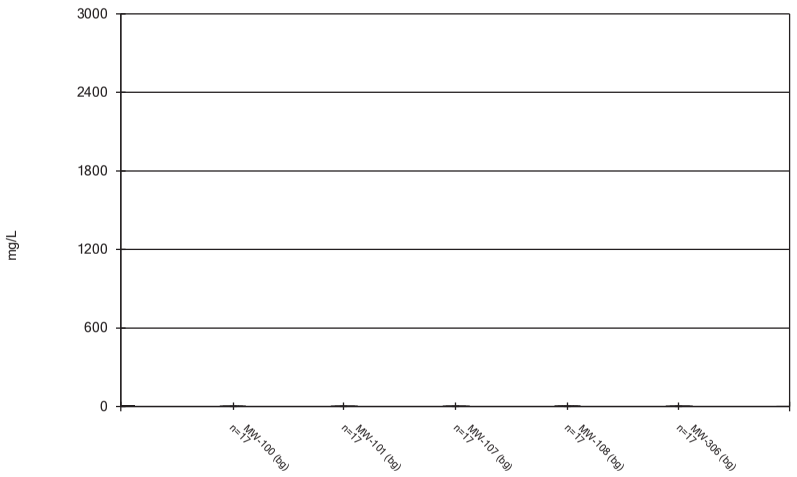
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

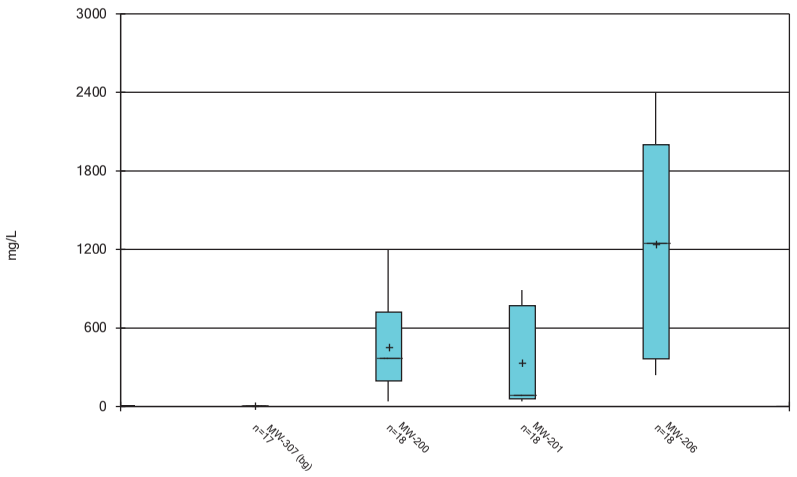
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

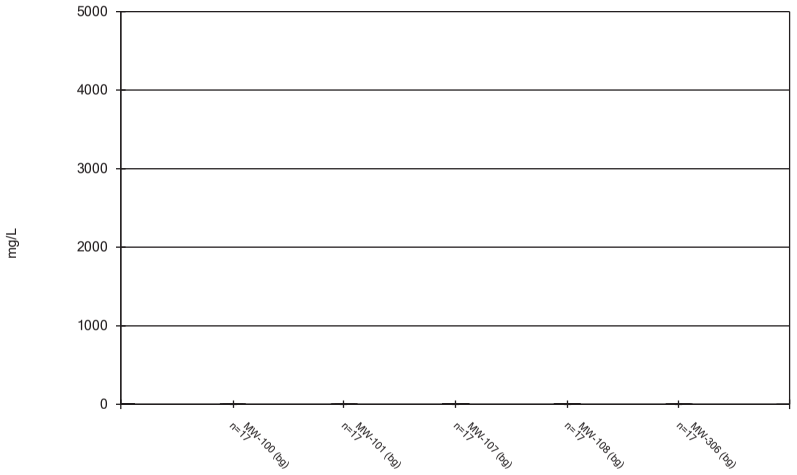
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

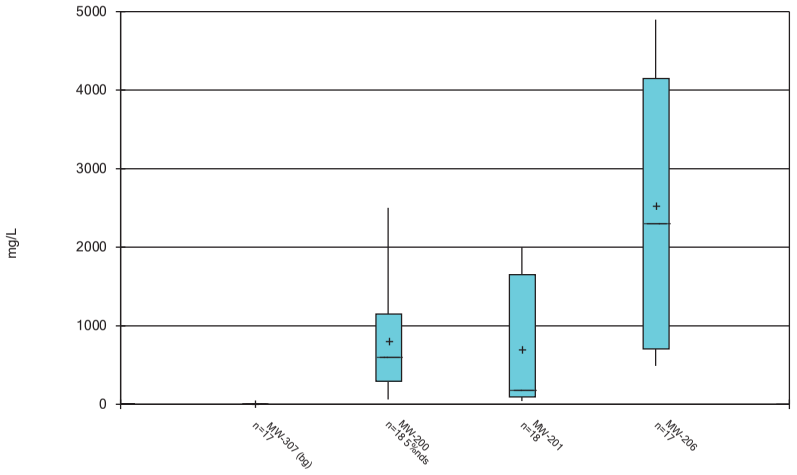
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

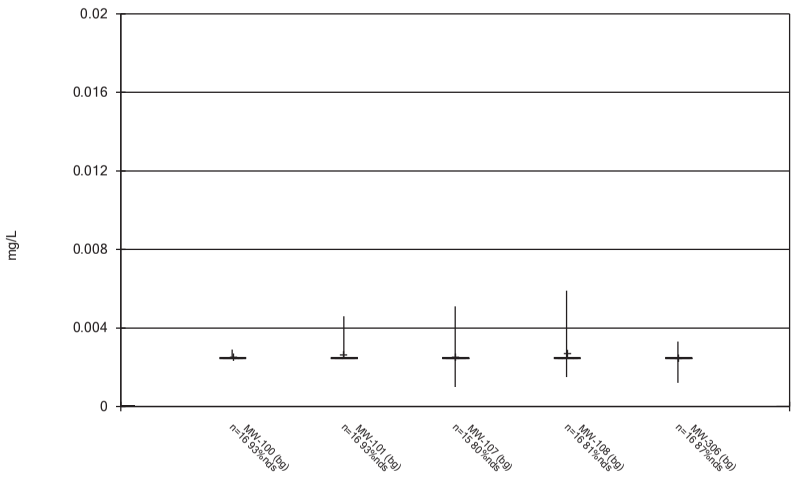
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

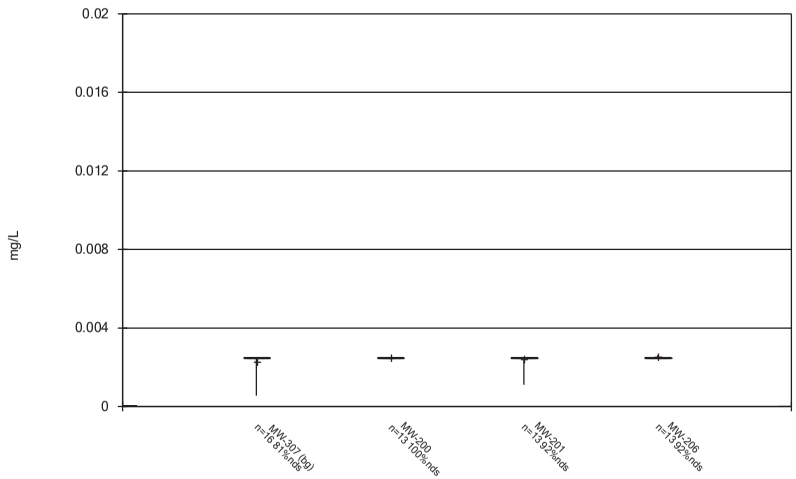
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

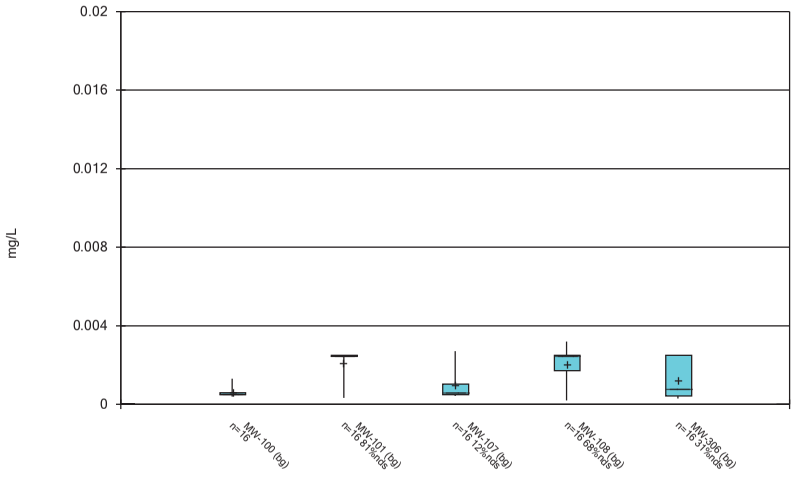
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

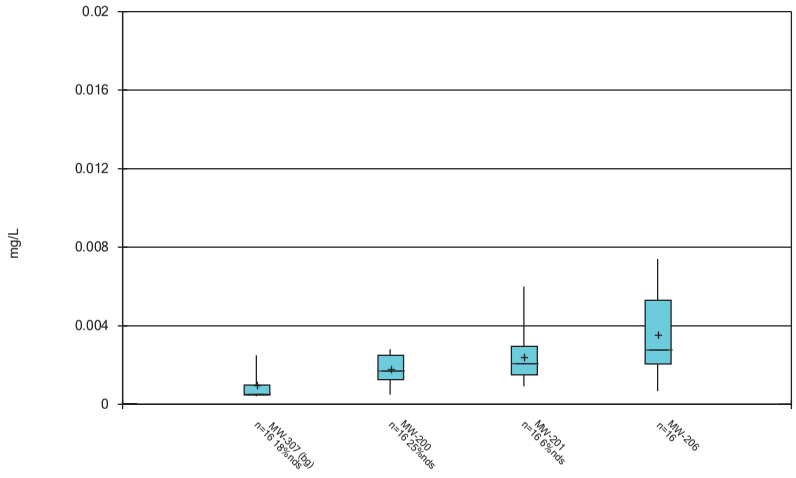
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

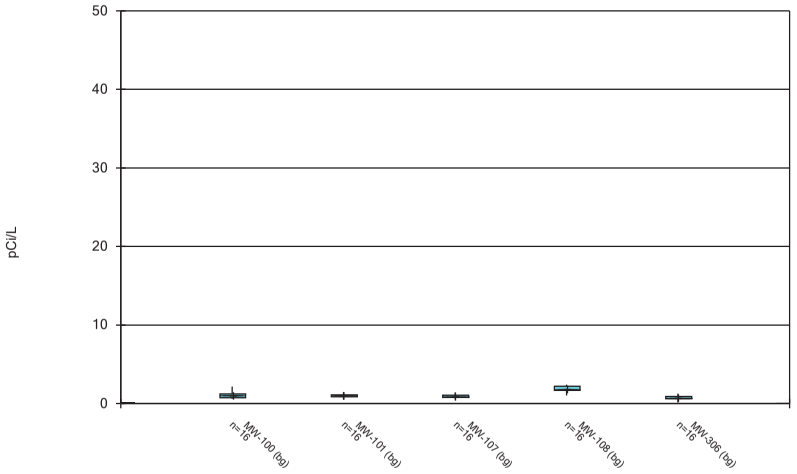
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

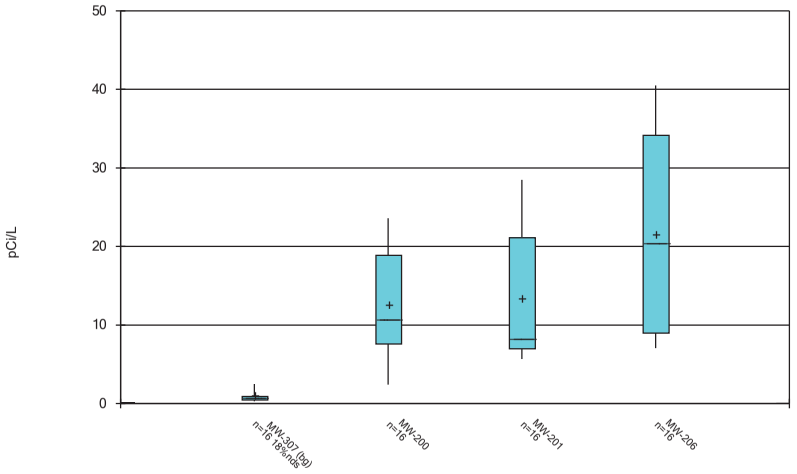
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

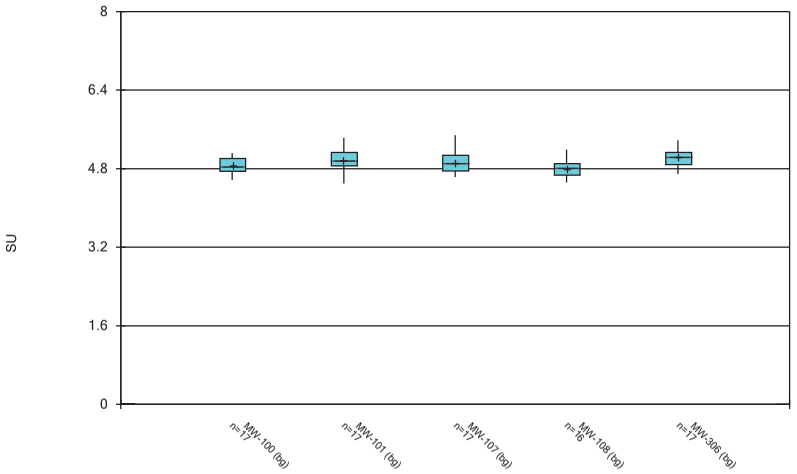
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

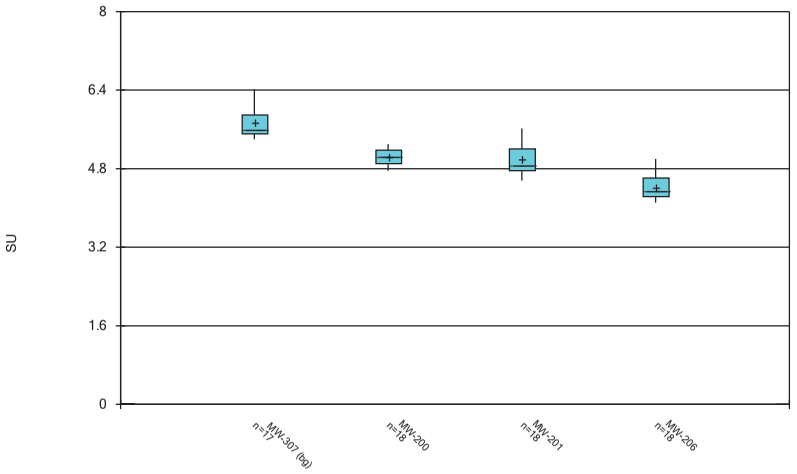
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

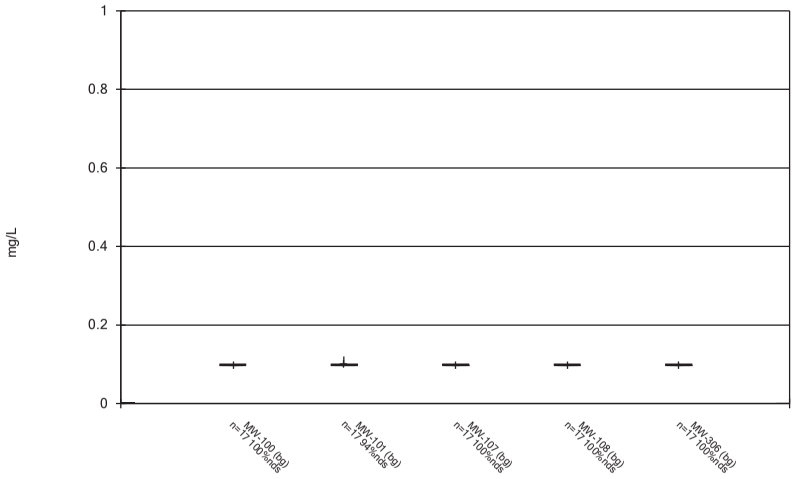
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

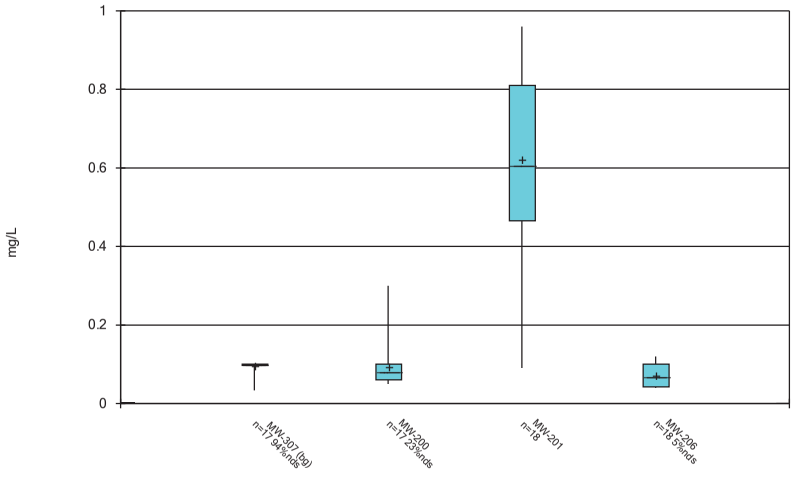
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

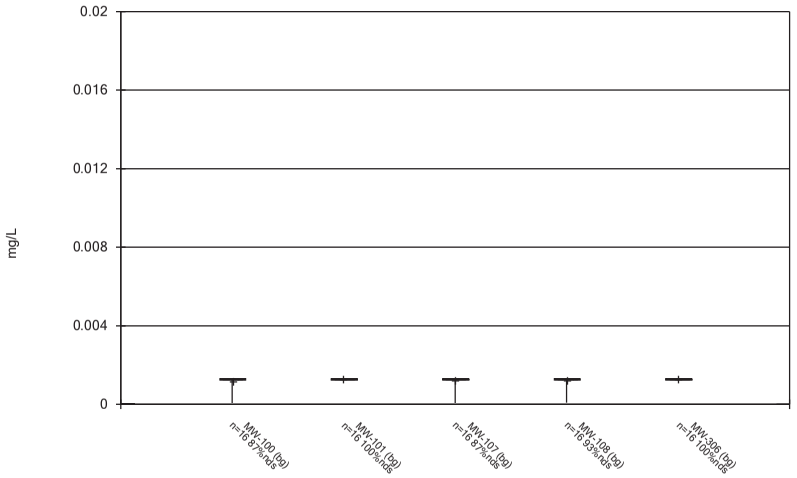
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

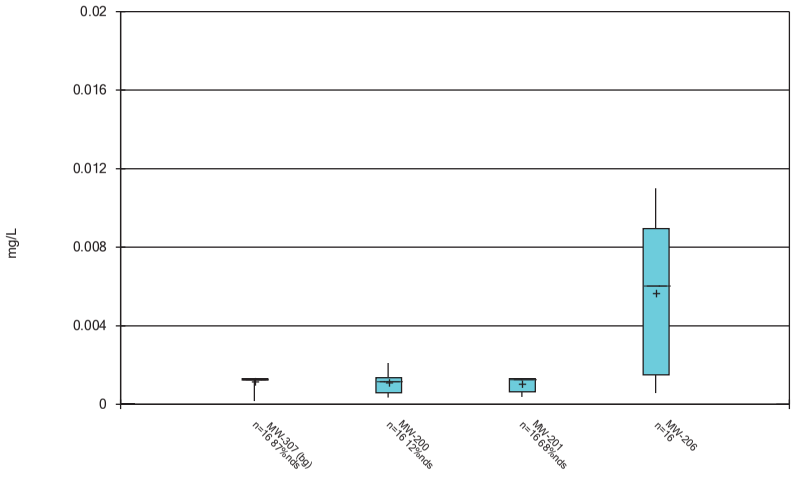
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

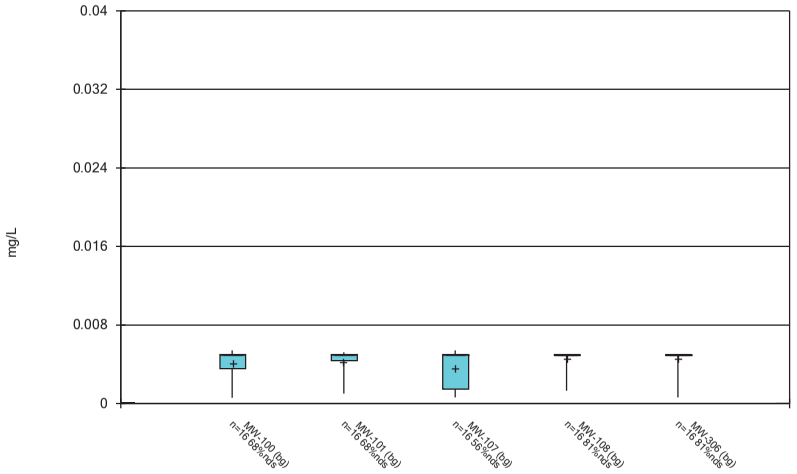
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lead Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

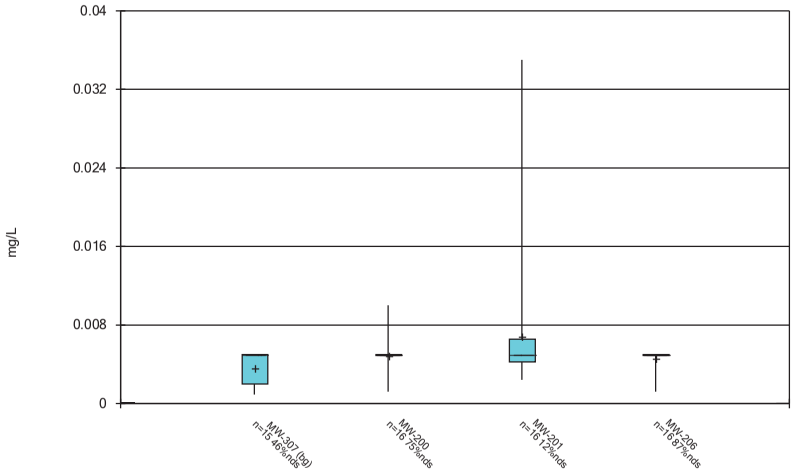
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

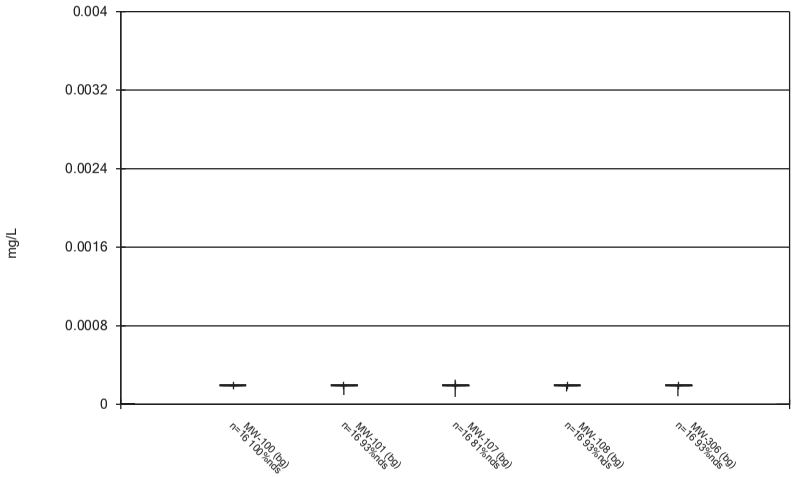
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

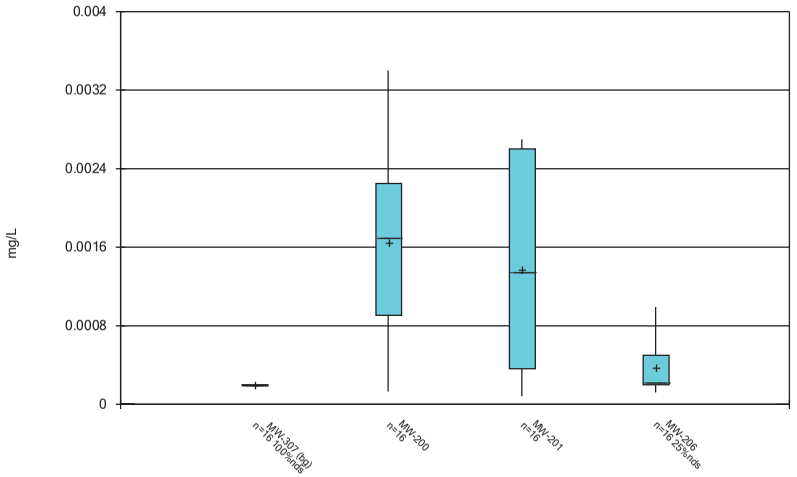
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

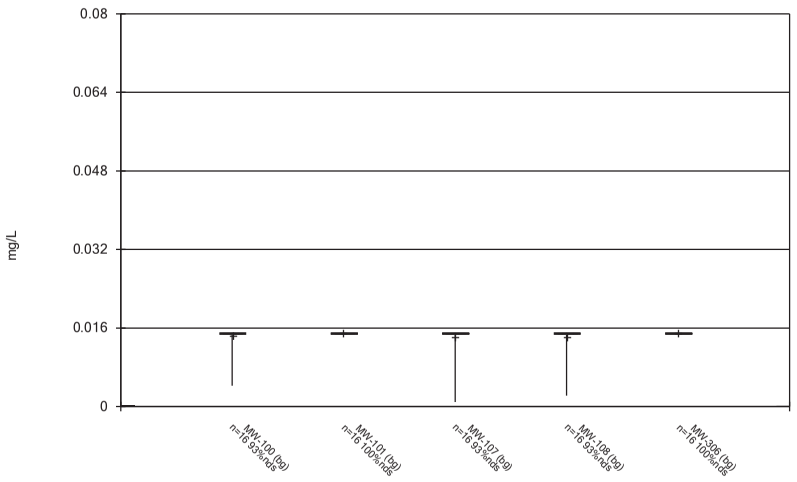
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

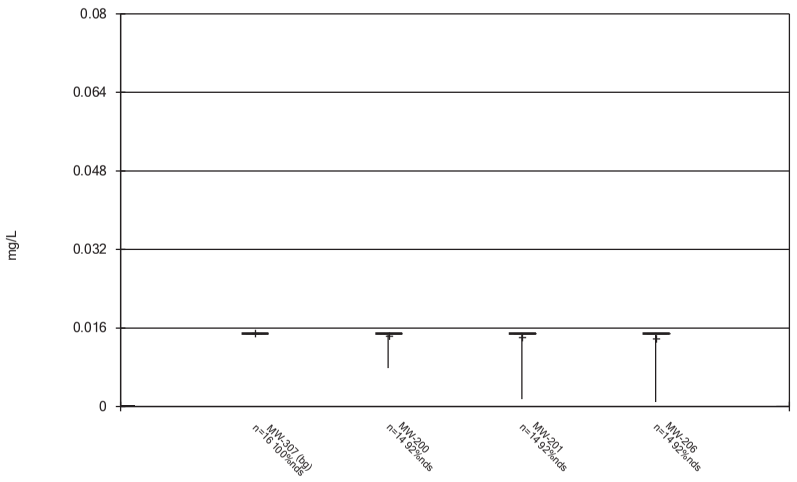
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/7/2021 5:44 PM View: Descriptive - 200 Series
Plant Crist Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



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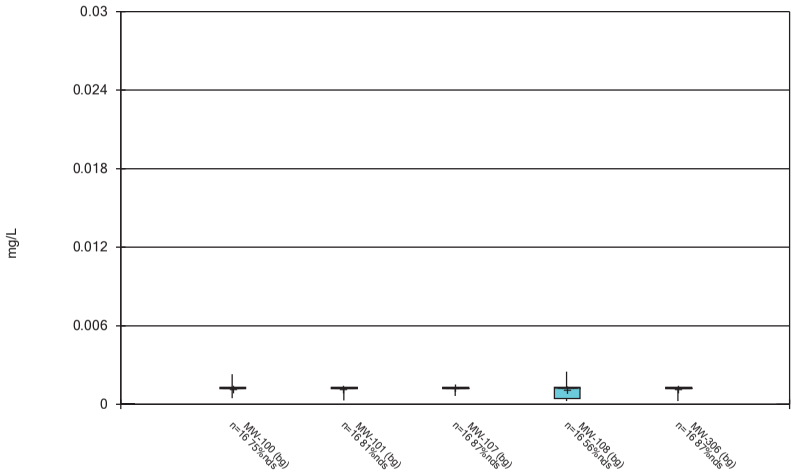

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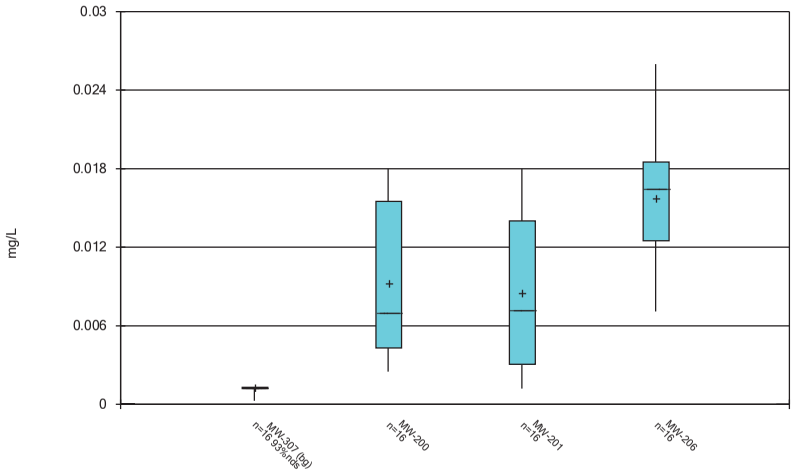

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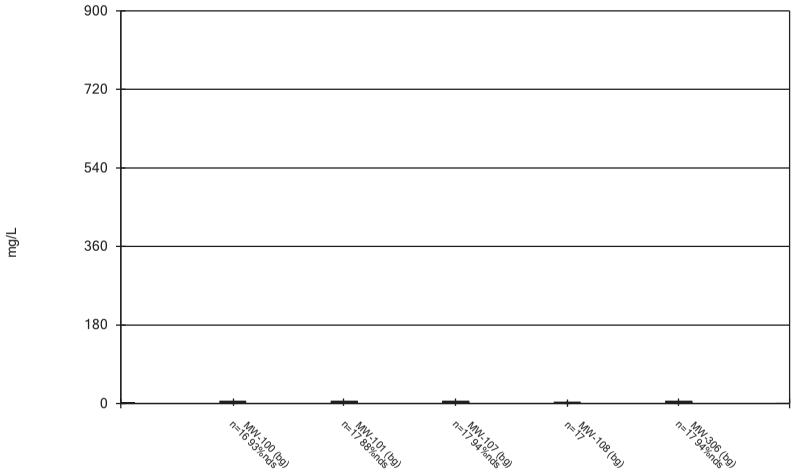

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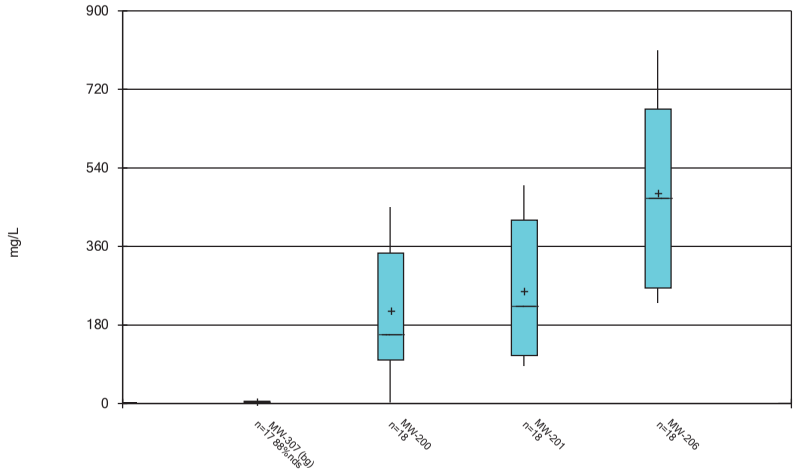

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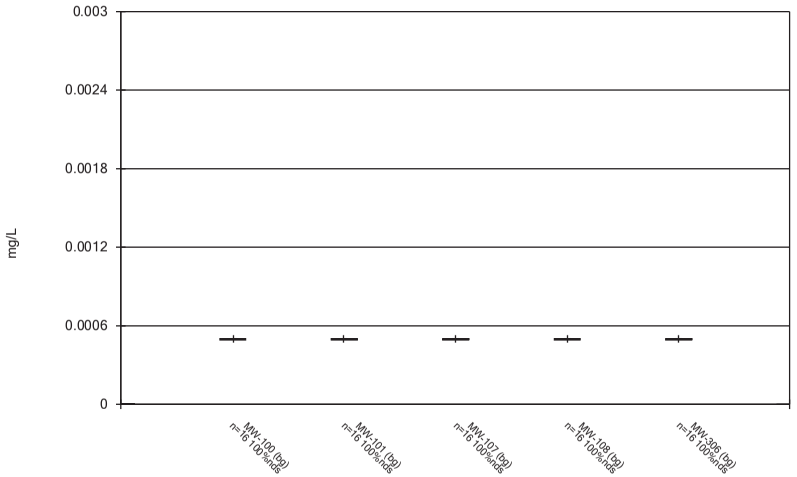

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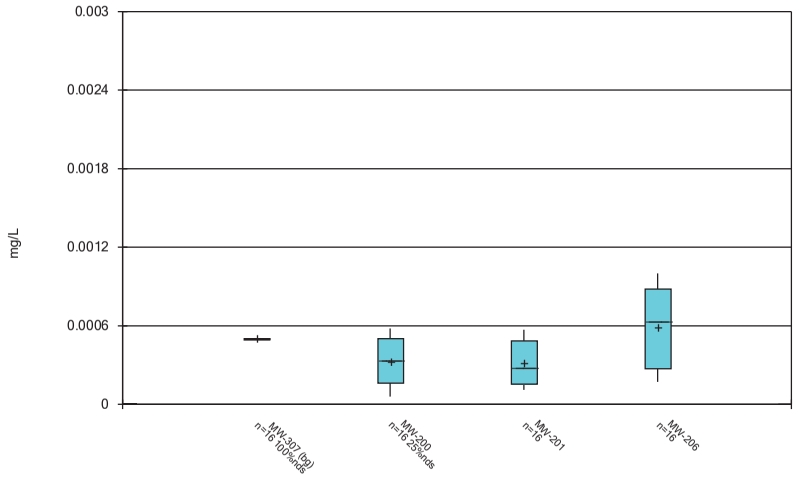

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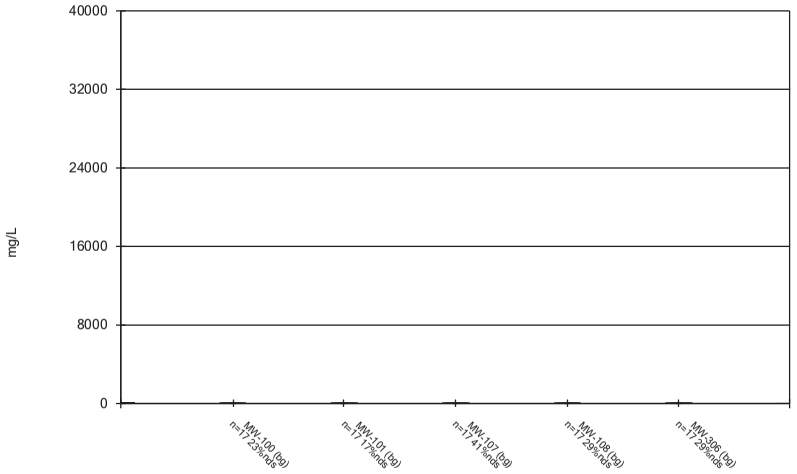

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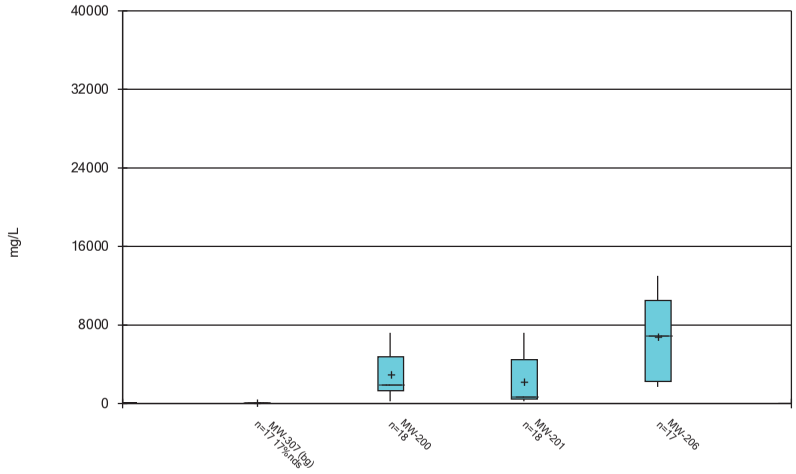

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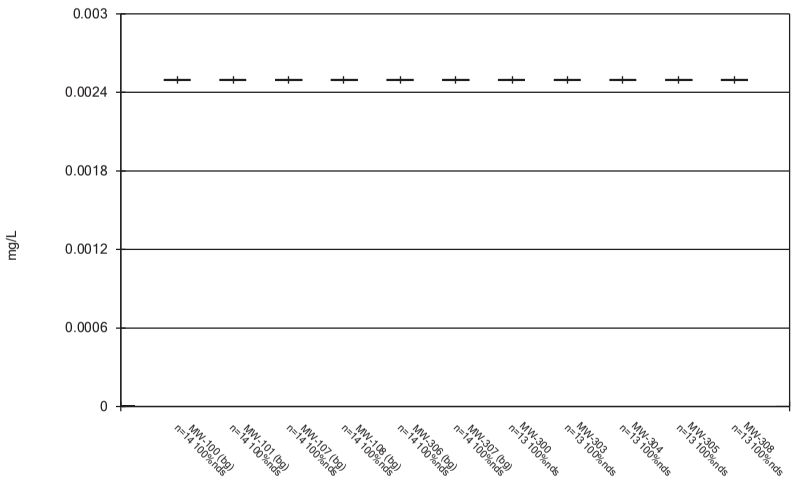

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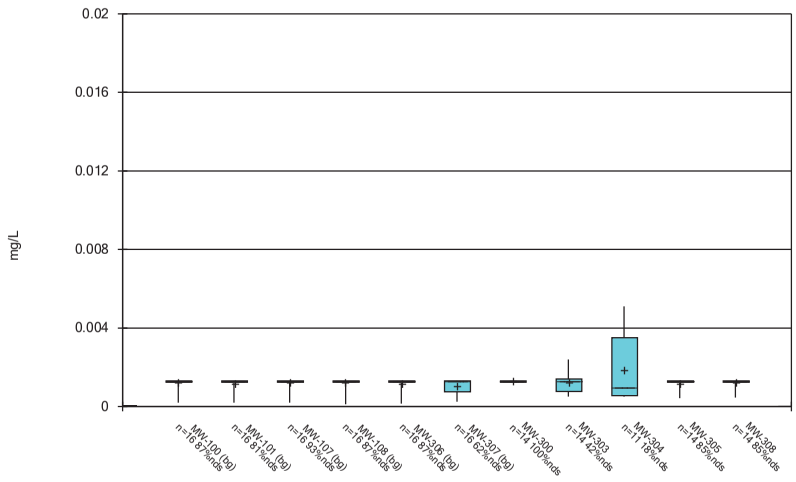

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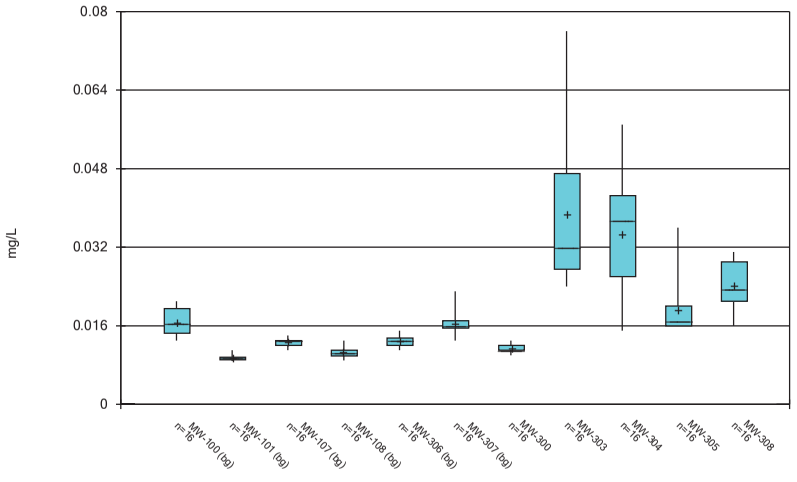

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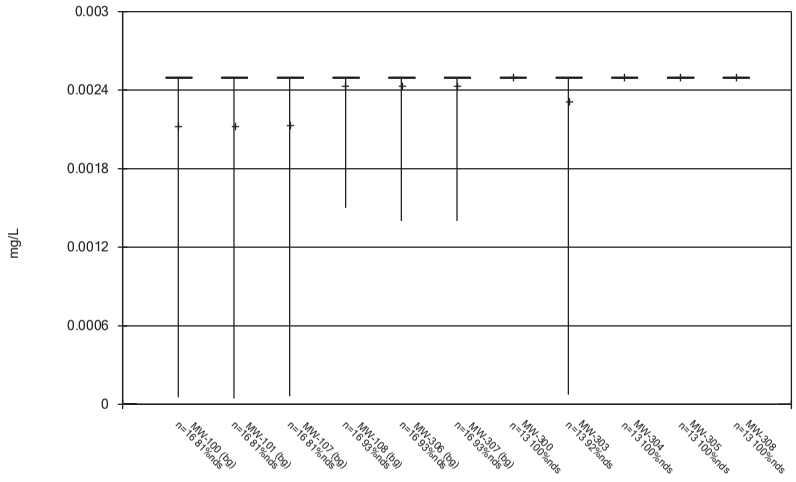

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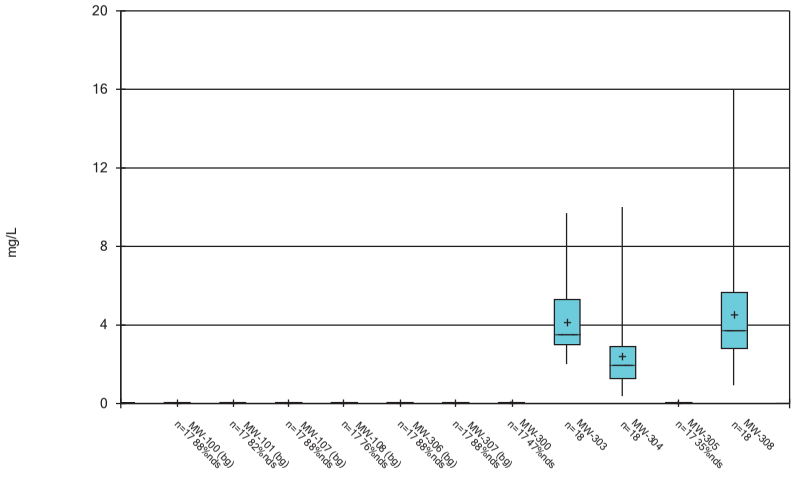

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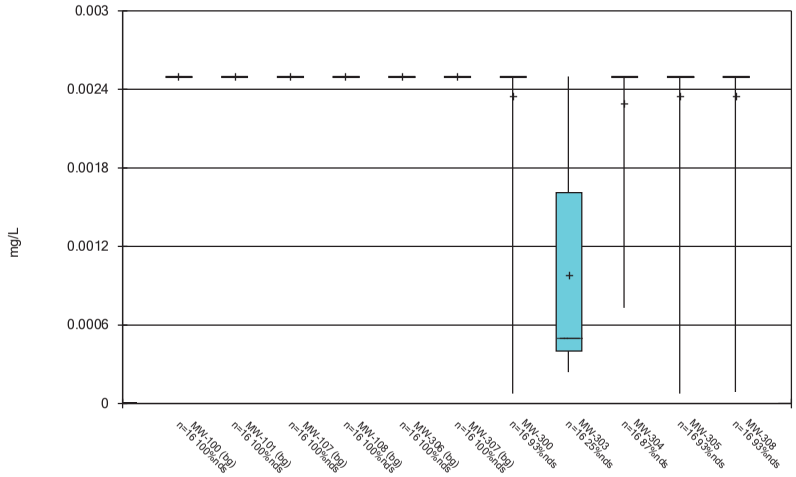

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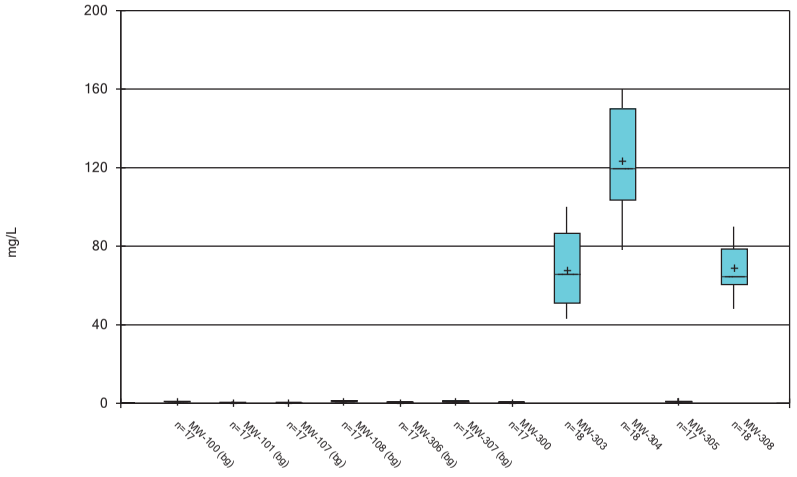

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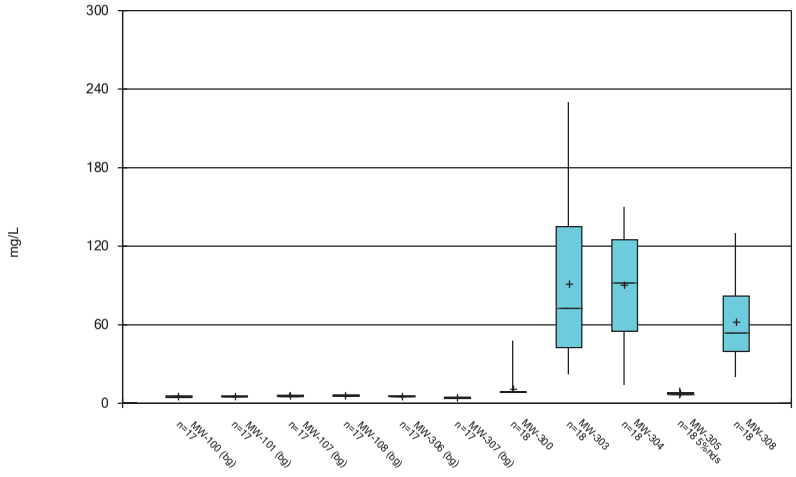

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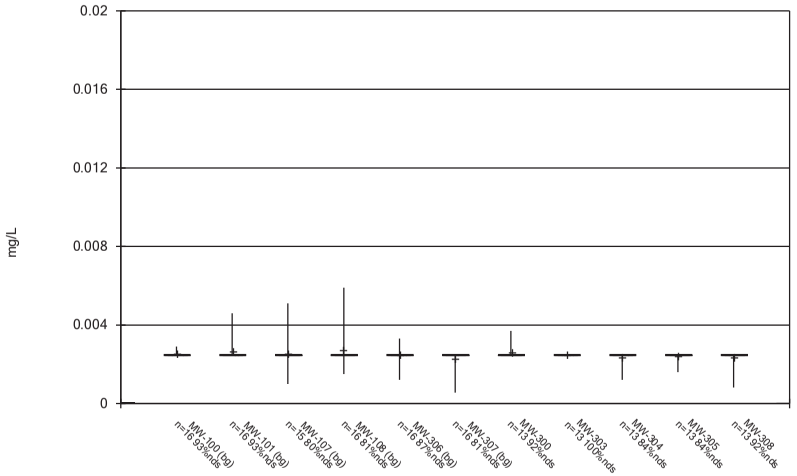

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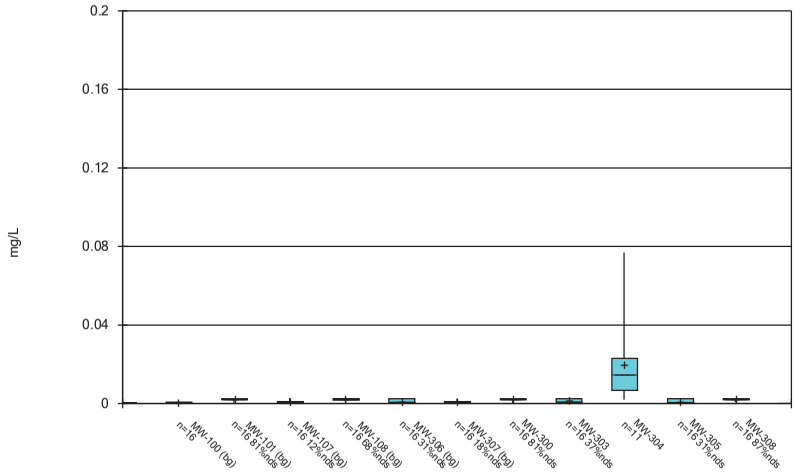

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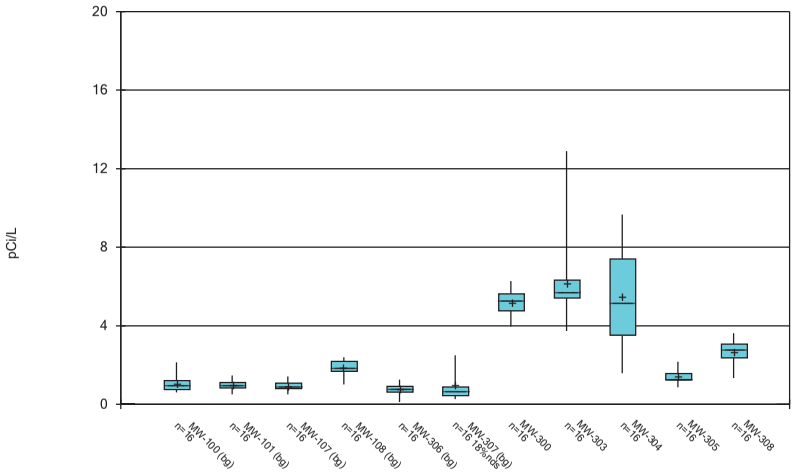

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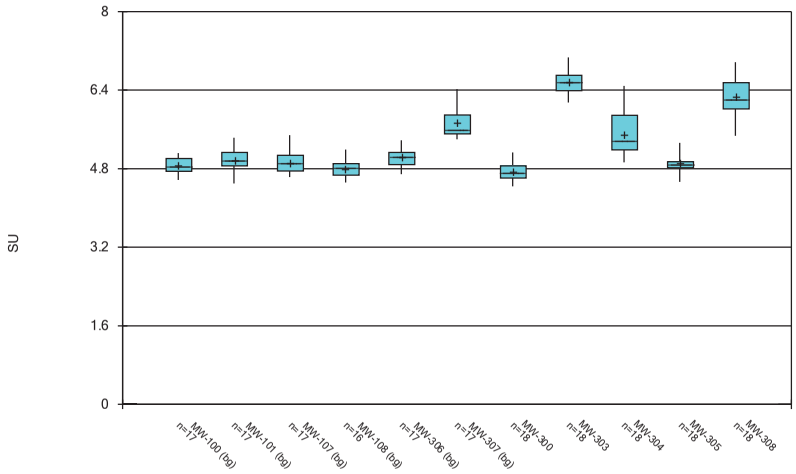

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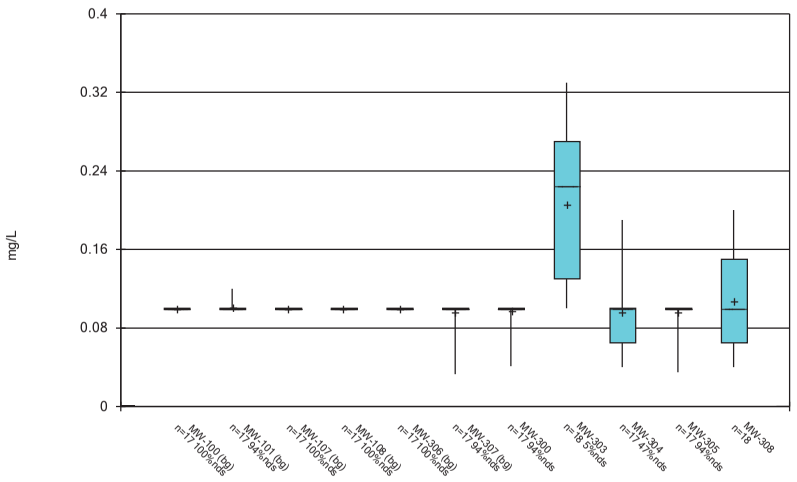

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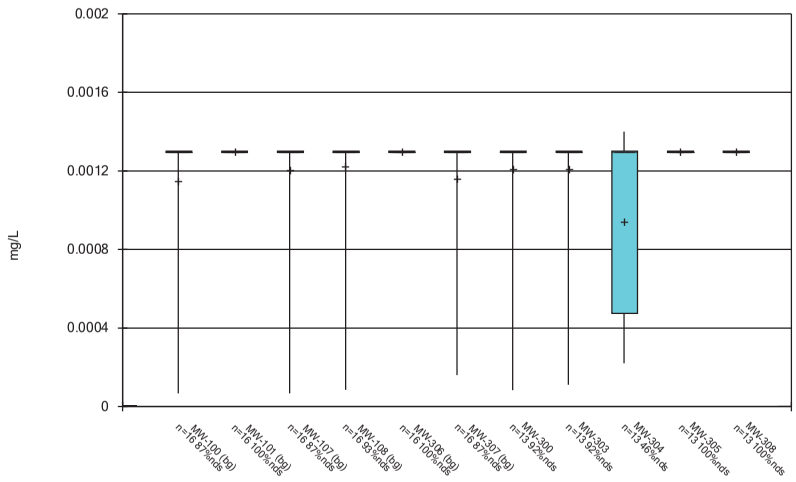

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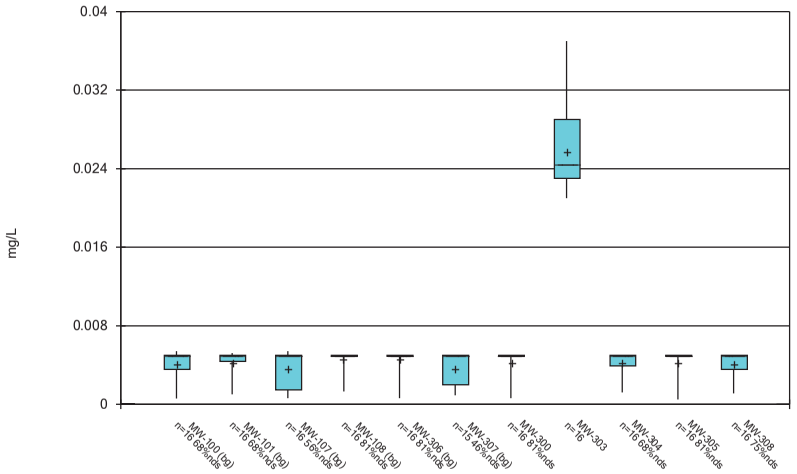

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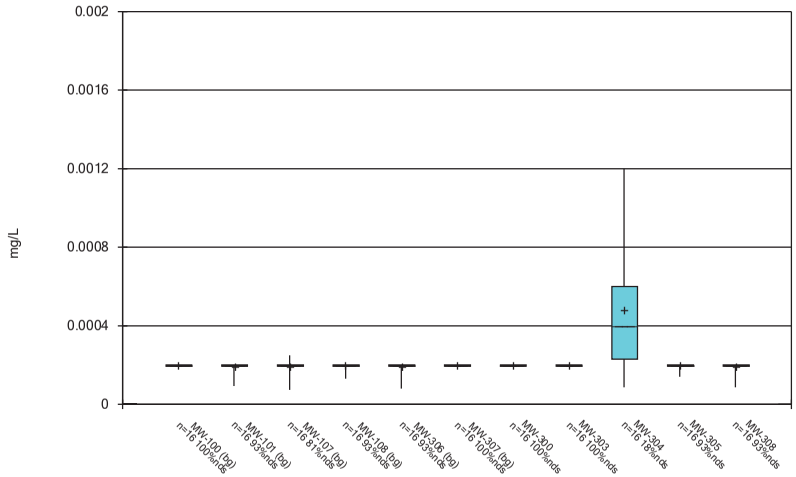

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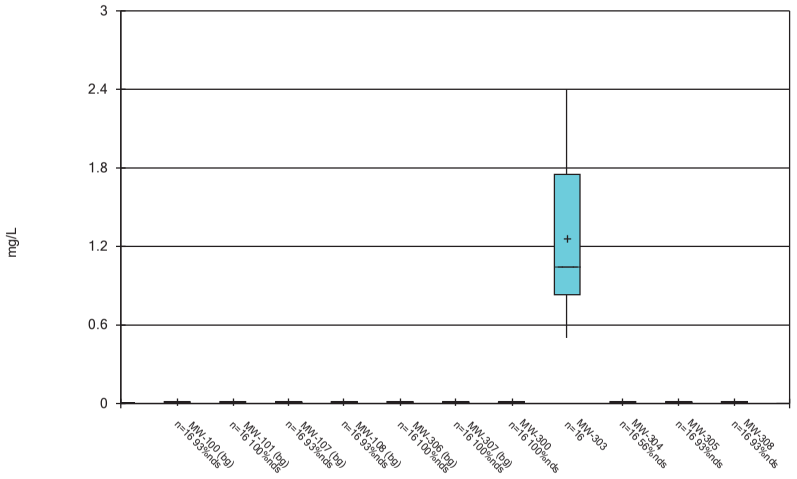

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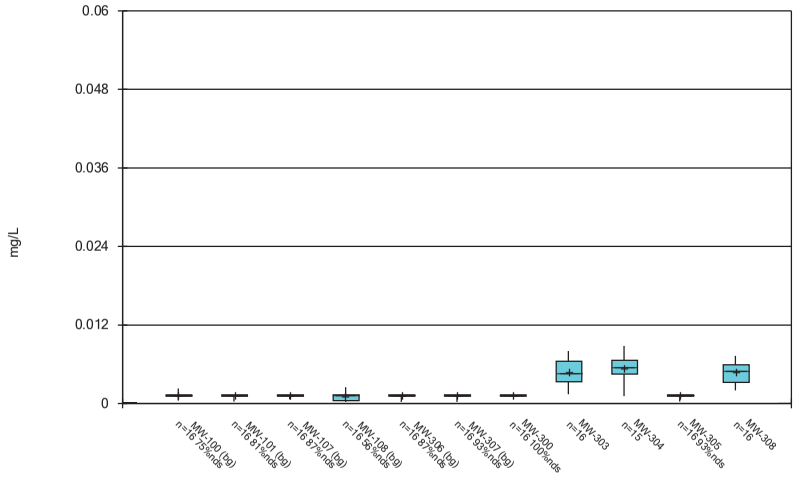

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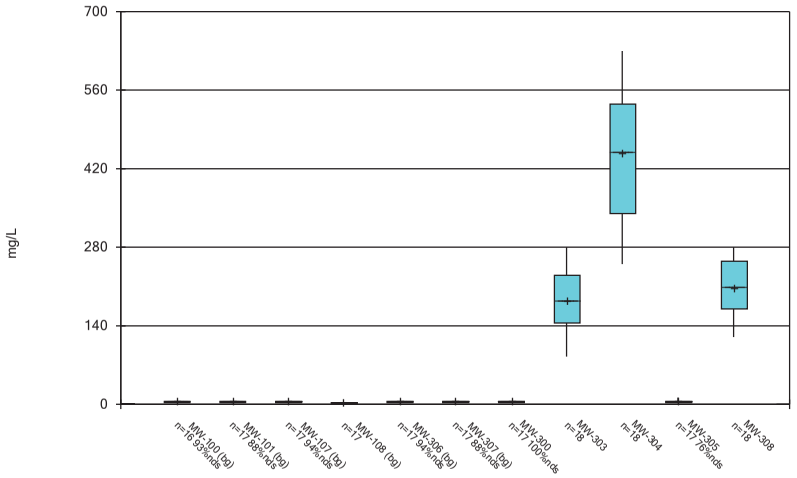

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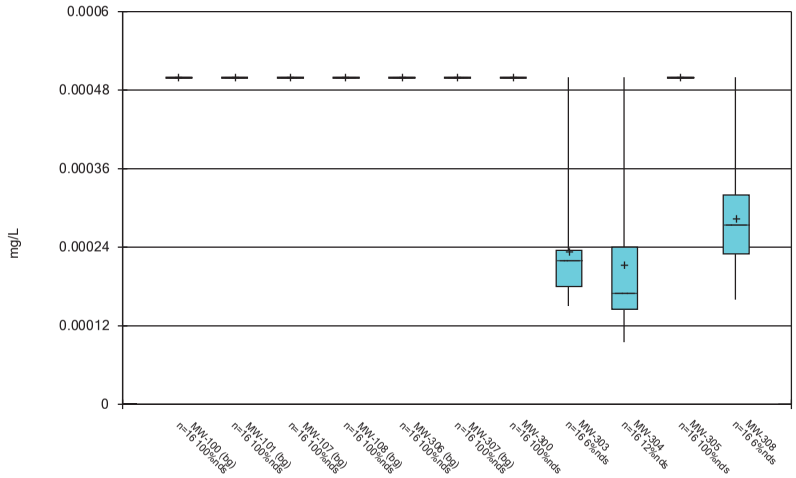

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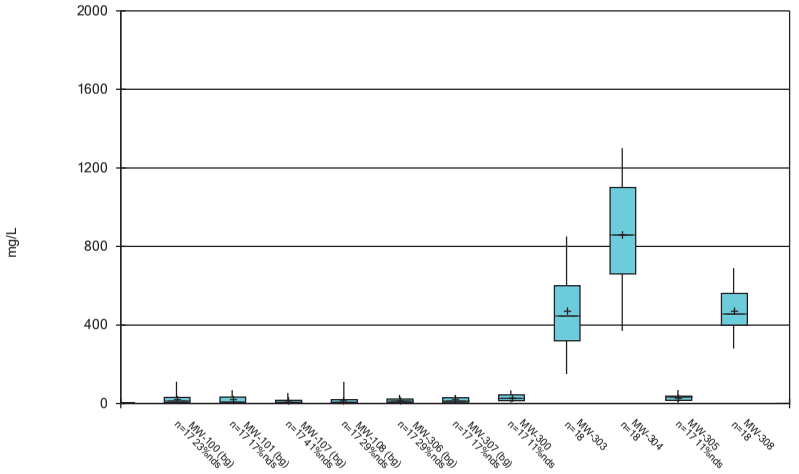

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Plant Crist Client: Gulf Power Data: Plant Crist CCR

APPENDIX E

Cobalt Alternate Source Demonstration, CCR Unit Ash Landfill No. 2

Geosyntec consultants

engineers | scientists | innovators

COBALT ALTERNATE SOURCE DEMONSTRATION

CCR UNIT ASH LANDFILL NO. 2

Crist Generating Plant

Gulf Power Company

Escambia County, Florida

Prepared for

Gulf Power Company
One Energy Place
Pensacola, Florida 32520

Prepared by

Geosyntec Consultants, Inc.
1120 North 12th Avenue
Pensacola, Florida 32501

Project TXR0943

September 23, 2020

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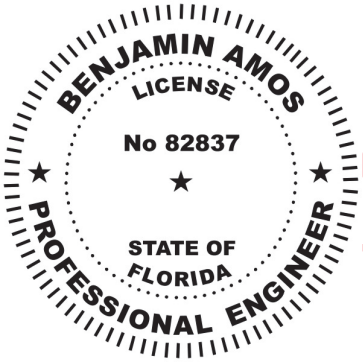
CERTIFICATION STATEMENT

Cobalt Alternate Source Demonstration
Crist Generating Plant
CCR Unit Ash Landfill No. 2
Escambia County, Florida
September 23, 2020

I, Benjamin K. Amos, a qualified professional engineer registered in the State of Florida, certify that the above document was prepared in general accordance with the requirements stipulated in 40 CFR 257.95(g)(3)(ii) and that the information contained herein is, to the best of my knowledge, accurate.



This document has been electronically signed and sealed by Benjamin Amos P.E. on 20 October 2020 using a SHA-1 authentication code. Printed copies of this document are not considered signed and sealed, and the SHA-1 authentication code must be verified on any electronic copies.
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Benjamin K. Amos, Ph.D., P.E.
Florida Professional Engineer No. 82837

1. INTRODUCTION

On behalf of Gulf Power Company (Gulf Power), Geosyntec Consultants, Inc. (Geosyntec) prepared this alternate source demonstration (ASD) for cobalt for Ash Landfill No. 2 at Gulf Power's Crist Generating Plant (Plant Crist) located in Escambia County, Florida (Site). This ASD has been prepared to meet the requirements of the United States Environmental Protection Agency's (USEPA's) Coal Combustion Residuals (CCR) Rule 40 CFR Part 257.95(g)(3)(ii) which states that the owner or operator may:

> *Demonstrate that a source other than the CCR unit caused the contamination, or that the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality. Any such demonstration must be supported by a report that includes the factual or evidentiary basis for any conclusions and must be certified to be accurate by a qualified professional engineer. If a successful demonstration is made, the owner or operator must continue monitoring in accordance with the assessment monitoring program pursuant to this section and may return to detection monitoring if the constituents in appendices III and IV to this part are at or below background as specified in paragraph (e) of this section. The owner or operator must also include the demonstration in the annual groundwater monitoring and corrective action report required by §257.90(e), in addition to the certification by a qualified professional engineer.*

1.1 Background

Pursuant to the CCR Rule, Gulf Power installed and certified a groundwater monitoring system at Plant Crist's CCR Unit Ash Landfill No. 2 (**Figure 1**). Statistical analysis of data collected from the groundwater monitoring system in May 2020 indicated a statistically significant level (SSL) of cobalt at MW-304 above the applicable groundwater protection standard (GWPS). A notification of this SSL was posted to the facility operating record on July 24, 2020.

1.2 Purpose

The purpose of this report is to demonstrate that a naturally-occurring source of cobalt at the Site caused the SSL at MW-304.

2. ALTERNATE SOURCE DEMONSTRATION APPROACH

2.1 Overview

In July 2020, Gulf Power identified an SSL of cobalt in monitoring well MW-304 which is adjacent to Ash Landfill No. 2 (**Figure 1**). This report demonstrates that a source other than Ash Landfill No. 2 caused this SSL.

The CCR Rule does not establish specific requirements for an ASD. However, appropriate guidance is contained in the *USEPA Solid Waste Disposal Facility Criteria Technical Manual* (USEPA, 1993) for municipal solid waste landfills. The approach to this ASD is modeled on the USEPA guidance document (USEPA, 1993) and relies on the following lines of evidence:

- analysis of the spatial and vertical distribution of cobalt detections in Site soils; and
- evaluation of cobalt leachability.

A brief description of the components of this ASD are presented below. A detailed analysis of data and discussion is presented in Section 3.

2.2 Analysis of Soils

The presence of naturally-occurring cobalt in Site soils was previously evaluated by sampling and analyzing soil cores from multiple locations at the Site (Geosyntec, 2019). A naturally-occurring source of cobalt would be indicated by the presence of elevated concentrations of cobalt in soil from across the Site, regardless of spatial proximity to Ash Landfill No. 2. In contrast, elevated concentrations in soils surrounding Ash Landfill No. 2 and the absence of elevated cobalt concentrations beyond the influence of Ash Landfill No. 2 would indicate the potential source of cobalt may be Ash Landfill No. 2.

2.3 Analysis of Cobalt Leachability

The potential for naturally-occurring cobalt to result in groundwater concentrations above GWPSs was evaluated by performing synthetic precipitation leaching procedure (SPLP) analyses on select soil core samples (Geosyntec, 2019).

Leaching of cobalt from Site soils at a concentration in excess of the cobalt GWPS of 6 micrograms per liter (µg/L) would indicate the ability of Site soils to cause a cobalt SSL in groundwater monitoring wells. Conversely, a lack of cobalt leachability from Site soils would be consistent with Ash Landfill No. 2 being the source of the cobalt SSL at MW-304.

3. ALTERNATE SOURCE DEMONSTRATION

An SSL for cobalt was detected in Ash Landfill No. 2 monitoring well MW-304 (**Figure 1**). Cobalt concentrations in the other Ash Landfill No. 2 CCR monitoring wells (MW-300, MW-303, MW-305, and MW-308) were less than the GWPS and did not represent SSLs. The limited spatial distribution of elevated cobalt in a single CCR monitoring well at Ash Landfill No. 2 suggests that the cobalt SSL in MW-304 was likely caused by a source other than Ash Landfill No. 2.

The presence of naturally-occurring cobalt in Site soils was previously evaluated by sampling and analyzing soil cores from multiple locations at the Site (Geosyntec, 2019). In brief, thirty-four samples (from eleven locations across the Site) were collected from the soil cores for laboratory analysis (**Figure 2**). Soil samples were collected based on the lithology of the available core material (sand, silt, clay, etc.) to capture a range of lithologies in the subsurface. Collected samples were analyzed for total cobalt, while select samples with reported detections of total cobalt were also analyzed by SPLP.

As part of this ASD, Geosyntec evaluated the vertical and horizontal location of previously collected samples in comparison to the location and screen interval of MW-304. The elevation of the screen interval of MW-304 is approximately -1.17 to -11.17 feet (ft) with respect to the North American Vertical Datum of 1988 (NAVD88). The horizontal and vertical distribution of previously collected samples are applicable to Ash Landfill No. 2 (i.e., samples were collected at elevations below, within, and above the screen interval of MW-304; samples were collected in proximity to MW-304). As such, previously collected data were utilized in this ASD.

The sampling intervals and laboratory results are summarized in **Table 1** and the boring locations are shown on **Figure 2** (laboratory analytical reports are provided in **Appendix A**).

3.1 Presence of Naturally-Occurring Cobalt in Site Soils

Analysis of cobalt in Site soils indicates that cobalt is distributed laterally and vertically across Site soils. Laboratory results reported that overall, cobalt was detected in 16 of 34 soil samples (approximately 47 percent [%]) at 10 of 11 locations (approximately 91%) at concentrations ranging from approximately 0.09 to 19.6 milligrams per kilogram (mg/kg). Additional results are summarized below (refer to **Figure 2** and **Table 1** for summaries of sample locations and concentrations):

- Cobalt was detected in soil samples at locations upgradient of Ash Landfill No. 2 (MWP-11R and MWP-13R), side gradient of Ash Landfill No. 2 (MWI-2), downgradient of Ash Landfill No. 2 (MWI-1, EXB-02, GE-4DR, and MWC-7R), and at locations hydraulically disconnected from Ash Landfill No. 2 (GE-5DR,

MWC-8R, and MW-D). This distribution of cobalt in Site soils indicates widespread occurrence of cobalt in Site soils regardless of hydraulic connectivity to Ash Landfill No.2.

- Cobalt was detected in both soil sample locations upgradient of Ash Landfill No. 2 (MWP-11R and MWP-13R) at concentrations ranging from approximately 0.09 to approximately 0.77 mg/kg. Cobalt was detected in upgradient locations at elevations both above and within the screened interval of MW-304. The presence of cobalt upgradient of Ash Landfill No. 2 indicates that cobalt is naturally-occurring in Site soils.
- Of the samples collected at locations hydraulically disconnected from Ash Landfill No. 2 (i.e., from borings associated with GE-5S, GE-5DR, MWC-8R, and MW-D), cobalt was detected in 7 of 17 samples (approximately 42%) at 3 of 4 locations (75%) at concentrations ranging from approximately 0.1 to 15.4 mg/kg, indicative of Site-wide occurrences of cobalt.
- **Figure 3** presents the vertical concentration profile of cobalt in Site soils. Cobalt was detected in Site soils at elevations above, below, and within the screen interval elevations of MW-304 indicating the vertical distribution of cobalt in Site soils.
- At location MWC-8R, the maximum cobalt concentration of 15.4 mg/kg was observed in soil samples collected at 74 ft NAVD88. Three of the seven soil samples collected at this location were above the piezometric surface elevation (9.71 ft NAVD88 on May 30, 2019) and had cobalt concentrations ranging from 0.2 to 15.4 mg/kg. Detection of cobalt in the unsaturated zone further reinforces that cobalt is naturally-occurring in Site soils. Since the unsaturated zone is not in contact with Site groundwater, cobalt present in this zone of the aquifer could not have been transported from elsewhere at the Site (i.e., via groundwater flow and potential geochemical changes).
- At location EXB-02, which is in close proximity to MW-304, cobalt was detected at a concentration of 19.6 mg/kg at an elevation of approximately -34 ft NAVD88. However, the sample collected from -24 ft NAVD88 at EXB-02 had a cobalt concentration below the laboratory detection limit. Similarly, in the sample collected at MWI-1 (downgradient of EXB-02) at an elevation of -30 ft NAVD88 cobalt was detected at a concentration of approximately 0.20 mg/kg. The variability of cobalt in soils below the water table in proximity to MW-304 is inconsistent with transport and sorption/desorption of cobalt released from Ash Landfill No. 2. If cobalt was released by Ash Landfill No. 2, the concentration of cobalt in soils near MW-304 (approximately 200 ft from the CCR unit) would be

expected to be generally consistent, as reported in the literature for other trace metals released from ash ponds (Theis et al., 1978). As such, the SSL for cobalt at MW-304 is likely caused by the release of cobalt from a localized natural source rather than Ash Landfill No. 2.

The results from cobalt analysis in soil core samples indicate a Site-wide (lateral and vertical) distribution of cobalt consistent with a natural source as evidenced by:

(i) the presence of cobalt in soil samples upgradient, side gradient, and downgradient of Ash Landfill No. 2 and in soil samples collected from locations hydraulically disconnected from Ash Landfill No. 2;

(ii) the presence of cobalt below and above the screened interval of MW-304 in soil samples collected across the Site; and

(iii) the presence of cobalt in unsaturated soils at the Site (e.g., MWC-8R) which suggest that cobalt is naturally occurring in Site soils and not transported from elsewhere at the Site via groundwater flow and geochemical changes.

This lateral and vertical distribution of cobalt at the Site is consistent with a naturally-occurring source of cobalt.

3.2 Leachability of Naturally-Occurring Cobalt in Site Soils

Sixteen soil samples were also analyzed for the potential to leach cobalt using SPLP. Of these, four soil samples resulted in SPLP leachate concentrations of cobalt above the GWPS of 6 µg/L. The cobalt concentrations from SPLP samples ranged from 141 µg/L (MWC-8R) to 1,040 µg/L (EXB-02). The soil samples collected from MWC-8R above the groundwater table (i.e., those samples present in the unsaturated zone and not affected by groundwater flow and or geochemical changes in Site groundwater) leached cobalt at concentrations ranging from 239 to 588 µg/L. Results of the SPLP analyses indicate that naturally-occurring cobalt at the Site is capable of leaching to groundwater at a concentration up to approximately 175 times the GWPS.

The SPLP leaching results suggest that the cobalt observations are not associated with a release from Ash Landfill No. 2 and are instead consistent with a naturally-occurring source.

4. CONCLUSIONS

This ASD was prepared pursuant to 40 CFR 257.95(g)(3)(ii) and demonstrates that:

- Cobalt is present in Site soils at detectable concentrations across the Site (both laterally and vertically) regardless of hydraulic connectivity to Ash Landfill No. 2. This indicates the presence of naturally-occurring cobalt in Site soils.
- Cobalt is present in unsaturated soils, indicating a naturally-occurring source, since cobalt could not have been transported and/or deposited by groundwater flow.
- Cobalt can be leached from Site soils at concentrations greater than approximately 175 times the GWPS of 6 µg/L.

These results, as well as the limited spatial distribution of elevated cobalt at Ash Landfill No. 2, indicates the SSL for cobalt in MW-304 is likely caused by leaching from naturally-occurring cobalt to groundwater near the monitoring well. This ASD documents that the SSLs reported for cobalt are from a source other than Ash Landfill No. 2. Accordingly, an assessment of corrective measures or remedial action will not be performed for Ash Landfill No. 2 at this time. Assessment and/or detection monitoring, as applicable, will continue for Ash Landfill No. 2.

5. REFERENCES

Geosyntec Consultants Inc. 2019. *Alternate Source Demonstration CCR Unit Ash Landfill No. 1 Crist Generating Plant*. Gulf Power Company, Escambia County, Florida. January 2019.

Theis, T. L., Westrcik, J.D., Hsu, C.L., and Marley, J.J. 1978 . *Field Investigation of Trace Metals in Groundwater from Fly Ash Disposal*. Journal (Water Pollution Control Federation)., November 1978, Vol. 50, No. 11. Pp. 2457-2469.

United States Environmental Protection Agency (USEPA), November 1993. *USEPA Solid Waste Disposal Facility Criteria Technical Manual.*

TABLES

TABLE 1: COBALT RESULTS FROM HISTORICAL SOIL CORES

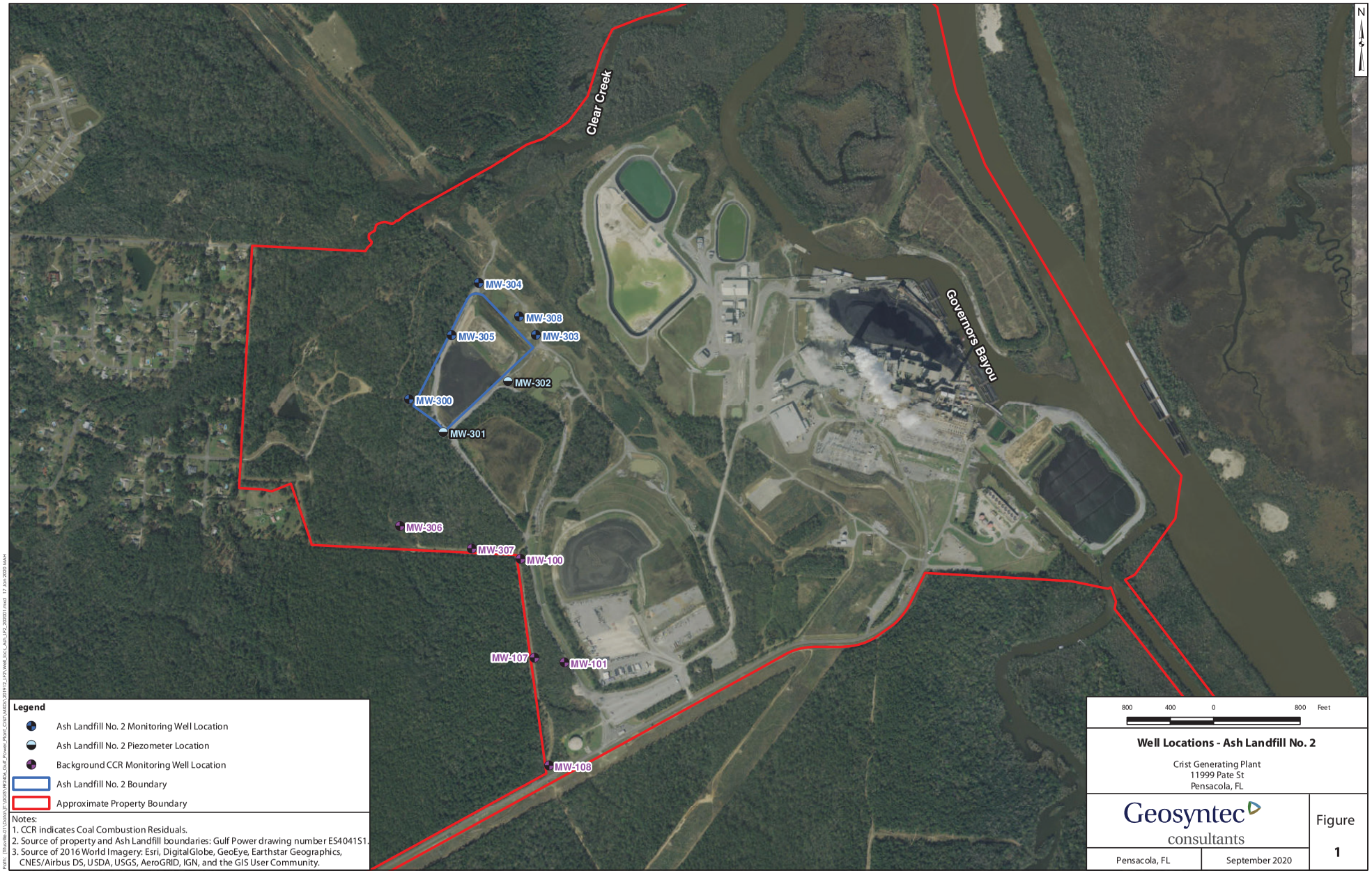
Gulf Power Company, Pensacola, Florida

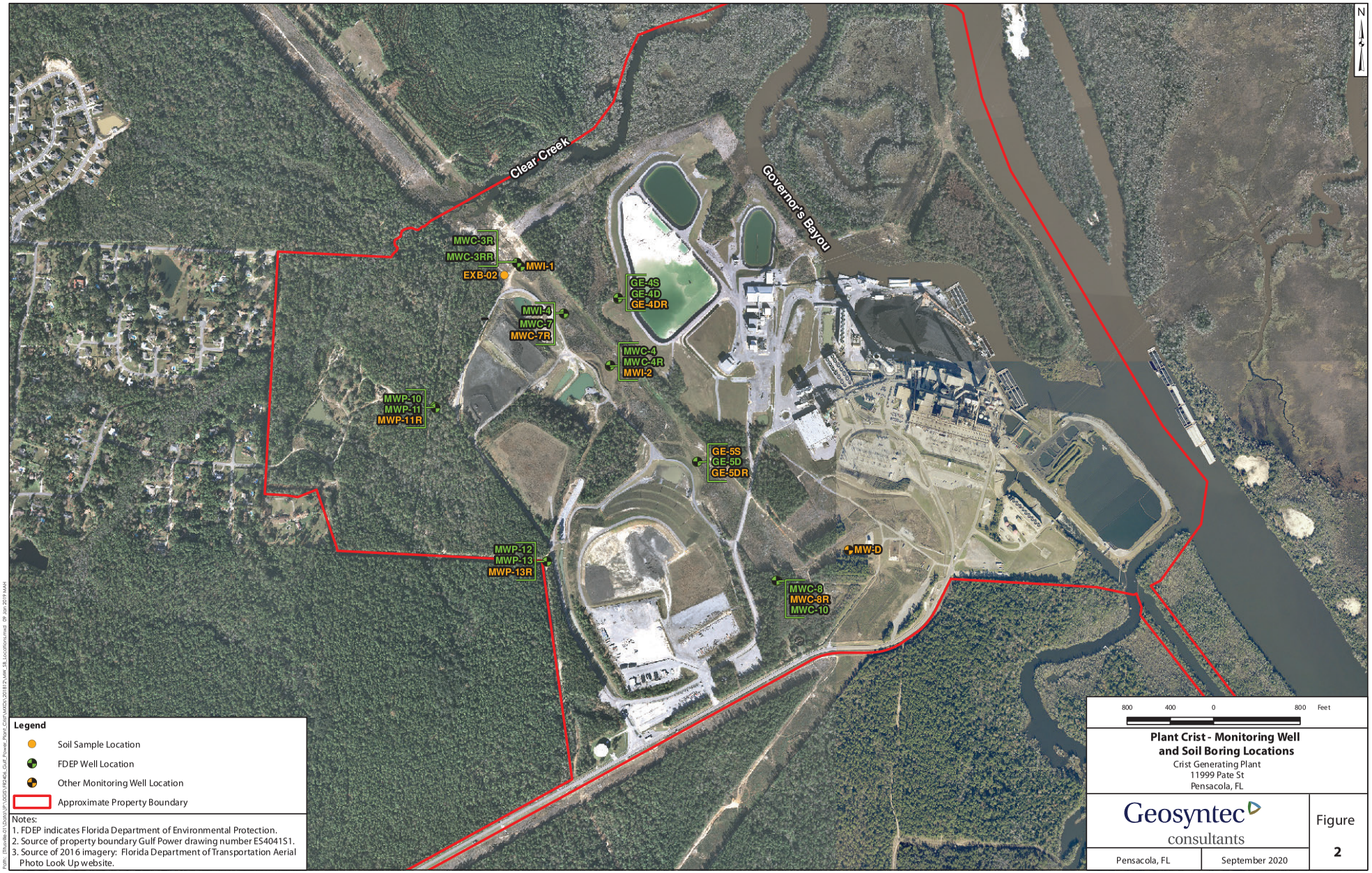
Sample ID	Sample Elevation (ft NAVD88)	Sample Date	Total Cobalt Content (mg/kg)	Cobalt SPLP (mg/L)
GE-5S/D-25'	4	8/14/2018	0.298 U	---
GE-5S/D-35'	-6	8/14/2018	0.317 U	---
GE-5S/D-38'	-9	8/14/2018	0.314 U	---
GE-5S/D-45'	-16	8/14/2018	0.280 U	---
GE-5DR-58	-30	8/31/2018	**0.235 I**	0.000400 U
GE-5DR-77'	-49	8/31/2018	0.0766 U	---
GE-5DR-94'	-66	8/31/2018	**0.276 I**	0.000400 U
MWC-8R-30'	74	8/31/2018	**15.4**	**0.588**
MWC-8R-42'	62	8/31/2018	**0.208 I**	0.000400 U
MWC-8R-57'	47	8/31/2018	**6.02**	**0.239**
MWC-8R-95'	9	8/14/2018	0.0321 U	---
MWC-8R-102'	2	8/14/2018	0.327 U	---
MWC-8R-112'	-8	8/14/2018	0.291 U	---
MWC-8R-132'	-28	8/14/2018	**3.75**	**0.141**
MW-D-35'	81	8/31/2018	**0.0956 I**	0.000400 U
MW-D-88'	28	8/14/2018	0.307 U	---
MW-D-110'	6	8/14/2018	0.315 U	---
MWP-13R-22	78	8/31/2018	0.0842 U	---
MWP-13R-42	58	8/31/2018	0.0862 U	---
MWP-13R-52	48	8/31/2018	0.0814 U	---
MWP-13R-62'	38	8/14/2018	**0.770 I**	0.00300 U
MWP-13R-72'	28	8/14/2018	0.330 U	---
MWP-13R-102'	-2	8/14/2018	0.350 U	---
MWP-13R-112'	-12	8/14/2018	0.303 U	---
MWP-13R-122'	-22	8/14/2018	0.375 U	---
EXB-02-62'	-24	8/31/2018	0.0778 U	---
EXB-02-72'	-34	8/31/2018	**19.6**	**1.04**
GE-4DR-52'	-36	8/31/2018	**0.135 I**	0.000400 U
MWC-7R-30'	2	8/31/2018	**1.09**	0.000400 U
MWC-7R-62'	-30	8/31/2018	**1.13**	0.000400 U
MWI-1-60'	-30	8/31/2018	**0.190 I**	0.000400 U
MWI-2-48'	-29	8/31/2018	**0.896**	0.000400 U
MWP-11R-45'	20	8/31/2018	**0.0874 I**	0.000400 U
MWP-11R-65'	0	8/31/2018	**0.300 I**	0.000400 U

Notes:

1. ft NAVD88 indicates feet in reference to the North American Vertical Datum of 1988.
2. mg/kg indicates milligrams per kilogram.
3. mg/L indicates milligrams per liter.
4. SPLP indicates Synthetic Precipitation Leaching Procedure.
5. U indicates that the compound was analyzed but not detected.
6. I indicates that the reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
7. --- indicates not analyzed.
8. Lab reports are presented in Appendix A.
9. The GE-5DR location is the same as MWC-5DR location. The MW-3D location is the same as MWI-1 location. The MW-4D location is the same as MWI-2 location.
10. **Cobalt detections are shown in bold.**

FIGURES


Clear Creek
Governors Bayou
MW-304
MW-308
MW-305
MW-303
MW-302
MW-300
MW-301
MW-306
MW-307
MW-100
MW-107
MW-101
MW-108
N
Legend
Ash Landfill No. 2 Monitoring Well Location
Ash Landfill No. 2 Piezometer Location
Background CCR Monitoring Well Location
Ash Landfill No. 2 Boundary
Approximate Property Boundary
Notes:
1. CCR indicates Coal Combustion Residuals.
2. Source of property and Ash Landfill boundaries: Gulf Power drawing number ES4041S1.
3. Source of 2016 World Imagery: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.
800 400 0 800 Feet
Well Locations - Ash Landfill No. 2
Crist Generating Plant
11999 Pate St
Pensacola, FL
Geosyntec consultants
Pensacola, FL
September 2020
Figure
1



Legend

- Soil Sample Location
- FDEP Well Location
- Other Monitoring Well Location
- Approximate Property Boundary

Notes:
1. FDEP indicates Florida Department of Environmental Protection.
2. Source of property boundary Gulf Power drawing number ES4041S1.
3. Source of 2016 imagery: Florida Department of Transportation Aerial Photo Look Up website.

Plant Crist - Monitoring Well and Soil Boring Locations

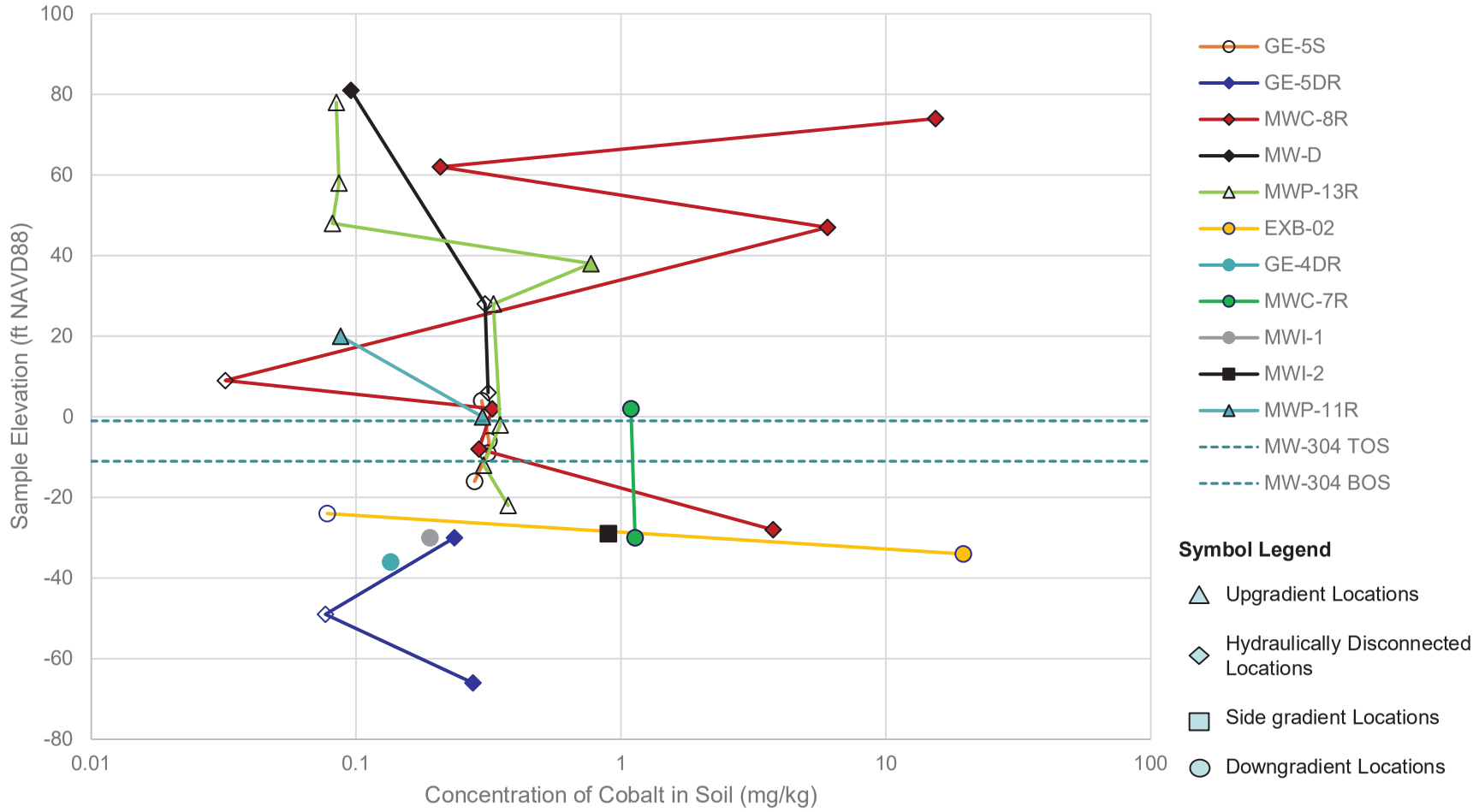
Crist Generating Plant
11999 Pate St
Pensacola, FL

Geosyntec consultants

Pensacola, FL | September 2020

Figure 2

Path: I:\Pensacola-01\Jobs\JP\GGS\FR240s_Gulf_Power_Plant_Crist\MXDs\201812\MW_SB_Locations.mxd 09 Jun 2019 MAH



Notes:
1. mg/kg indicates milligram per kilogram.
2. TOS indicates top of screen.
3. BOS indicates bottom of screen.
4. NAVD88 indicates North American Vertical Datum of 1988
5. Open symbols indicate non-detect concentration of cobalt.

Vertical Profile of Cobalt in Site Soils

Crist Generating Plant
11999 Pate St
Pensacola, FL

Geosyntec consultants
Pensacola, Florida

Project No. TXR0943

September 2020

Figure 3

APPENDIX A

Laboratory Analytical Results

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-157728-1
TestAmerica Sample Delivery Group: Cobalt
Client Project/Site: Plant Crist

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Kristi Mitchell

Cheyenne Whitmire

Authorized for release by:
8/17/2018 4:41:28 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
cheyenne.whitmire@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Chain of Custody 17
Receipt Checklists 19
Certification Summary 20

Method Summary

Client: Gulf Power Company
Project/Site: Plant Crist

TestAmerica Job ID: 400-157728-1
SDG: Cobalt

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL PEN
3050B	Preparation, Metals	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: Plant Crist

TestAmerica Job ID: 400-157728-1
SDG: Cobalt

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-157728-1	GE-5S/D-25'	Solid	08/14/18 11:18	08/14/18 14:23
400-157728-2	GE-5S/D-35'	Solid	08/14/18 11:15	08/14/18 14:23
400-157728-3	GE-5S/D-38'	Solid	08/14/18 11:11	08/14/18 14:23
400-157728-4	GE-5S/D-45'	Solid	08/14/18 11:14	08/14/18 14:23
400-157728-5	MWC-8R-95'	Solid	08/14/18 11:26	08/14/18 14:23
400-157728-6	MWC-8R-102'	Solid	08/14/18 11:28	08/14/18 14:23
400-157728-7	MWC-8R-112'	Solid	08/14/18 11:30	08/14/18 14:23
400-157728-8	MWC-8R-132'	Solid	08/14/18 11:32	08/14/18 14:23
400-157728-9	MW-D-88'	Solid	08/14/18 11:50	08/14/18 14:23
400-157728-10	MW-D-110	Solid	08/14/18 11:46	08/14/18 14:23
400-157728-11	P-13R-62'	Solid	08/14/18 13:16	08/14/18 14:23
400-157728-12	P-13R-72'	Solid	08/14/18 13:18	08/14/18 14:23
400-157728-13	P-13R-102'	Solid	08/14/18 13:20	08/14/18 14:23
400-157728-14	P-13R-112'	Solid	08/14/18 13:23	08/14/18 14:23
400-157728-15	P-13R-122'	Solid	08/14/18 13:22	08/14/18 14:23

Client Sample ID: GE-5S/D-25'
Lab Sample ID: 400-157728-1
Date Collected: 08/14/18 11:18
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 94.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.298	U	0.992	0.298	mg/Kg	☼	08/16/18 09:05	08/16/18 15:49	1

Client Sample ID: GE-5S/D-35'
Lab Sample ID: 400-157728-2
Date Collected: 08/14/18 11:15
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 91.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.317	U	1.06	0.317	mg/Kg	☼	08/16/18 09:05	08/16/18 16:05	1

Client Sample ID: GE-5S/D-38'
Lab Sample ID: 400-157728-3
Date Collected: 08/14/18 11:11
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 91.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.314	U	1.05	0.314	mg/Kg	☼	08/16/18 09:05	08/16/18 16:08	1

Client Sample ID: GE-5S/D-45'
Lab Sample ID: 400-157728-4
Date Collected: 08/14/18 11:14
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 96.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.280	U	0.934	0.280	mg/Kg	☼	08/16/18 09:05	08/16/18 16:21	1

Client Sample ID: MWC-8R-95'
Lab Sample ID: 400-157728-5
Date Collected: 08/14/18 11:26
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 858.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0321	U	0.107	0.0321	mg/Kg	☼	08/16/18 09:05	08/16/18 16:25	1

Client Sample ID: MWC-8R-102'
Lab Sample ID: 400-157728-6
Date Collected: 08/14/18 11:28
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 89.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.327	U	1.09	0.327	mg/Kg	☼	08/16/18 09:05	08/16/18 16:28	1

Client Sample ID: MWC-8R-112'
Lab Sample ID: 400-157728-7
Date Collected: 08/14/18 11:30
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 93.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.291	U	0.969	0.291	mg/Kg	☼	08/16/18 09:05	08/16/18 16:31	1

Client Sample ID: MWC-8R-132'
Lab Sample ID: 400-157728-8
Date Collected: 08/14/18 11:32
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 80.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	3.75		1.21	0.363	mg/Kg	☼	08/16/18 09:05	08/16/18 16:35	1

Client Sample ID: MW-D-88'
Lab Sample ID: 400-157728-9
Date Collected: 08/14/18 11:50
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 88.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.307	U	1.02	0.307	mg/Kg	☼	08/16/18 09:05	08/16/18 16:38	1

Client Sample ID: MW-D-110
Lab Sample ID: 400-157728-10
Date Collected: 08/14/18 11:46
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 92.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.315	U	1.05	0.315	mg/Kg	☼	08/16/18 09:05	08/16/18 16:41	1

Client Sample ID: P-13R-62'
Lab Sample ID: 400-157728-11
Date Collected: 08/14/18 13:16
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 80.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.770	I	1.15	0.344	mg/Kg	☼	08/16/18 09:05	08/16/18 16:45	1

Client Sample ID: P-13R-72'
Lab Sample ID: 400-157728-12
Date Collected: 08/14/18 13:18
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 84.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.330	U	1.10	0.330	mg/Kg	☼	08/16/18 09:05	08/16/18 16:48	1

Client Sample ID: P-13R-102'
Lab Sample ID: 400-157728-13
Date Collected: 08/14/18 13:20
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 85.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.350	U	1.17	0.350	mg/Kg	☼	08/16/18 09:05	08/16/18 16:51	1

Client Sample ID: P-13R-112'
Lab Sample ID: 400-157728-14
Date Collected: 08/14/18 13:23
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 90.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.303	U	1.01	0.303	mg/Kg	☼	08/16/18 09:05	08/16/18 17:04	1

Client Sample Results

Client: Gulf Power Company
Project/Site: Plant Crist

TestAmerica Job ID: 400-157728-1
SDG: Cobalt

Client Sample ID: P-13R-122'
Date Collected: 08/14/18 13:22
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-15
Matrix: Solid
Percent Solids: 77.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.375	U	1.25	0.375	mg/Kg	☼	08/16/18 09:05	08/16/18 17:08	1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Gulf Power Company
Project/Site: Plant Crist

TestAmerica Job ID: 400-157728-1
SDG: Cobalt

Client Sample ID: GE-5S/D-25'
Date Collected: 08/14/18 11:18
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: GE-5S/D-25'
Date Collected: 08/14/18 11:18
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-1
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 15:49	GESP	TAL PEN

Client Sample ID: GE-5S/D-35'
Date Collected: 08/14/18 11:15
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: GE-5S/D-35'
Date Collected: 08/14/18 11:15
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-2
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:05	GESP	TAL PEN

Client Sample ID: GE-5S/D-38'
Date Collected: 08/14/18 11:11
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: GE-5S/D-38'
Date Collected: 08/14/18 11:11
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-3
Matrix: Solid
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:08	GESP	TAL PEN

Client Sample ID: GE-5S/D-45'
Lab Sample ID: 400-157728-4
Date Collected: 08/14/18 11:14
Matrix: Solid
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: GE-5S/D-45'
Lab Sample ID: 400-157728-4
Date Collected: 08/14/18 11:14
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:21	GESP	TAL PEN

Client Sample ID: MWC-8R-95'
Lab Sample ID: 400-157728-5
Date Collected: 08/14/18 11:26
Matrix: Solid
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: MWC-8R-95'
Lab Sample ID: 400-157728-5
Date Collected: 08/14/18 11:26
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 858.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:25	GESP	TAL PEN

Client Sample ID: MWC-8R-102'
Lab Sample ID: 400-157728-6
Date Collected: 08/14/18 11:28
Matrix: Solid
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: MWC-8R-102'
Lab Sample ID: 400-157728-6
Date Collected: 08/14/18 11:28
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:28	GESP	TAL PEN

Client Sample ID: MWC-8R-112'
Lab Sample ID: 400-157728-7
Date Collected: 08/14/18 11:30
Matrix: Solid
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: MWC-8R-112'
Lab Sample ID: 400-157728-7
Date Collected: 08/14/18 11:30
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:31	GESP	TAL PEN

Client Sample ID: MWC-8R-132'
Lab Sample ID: 400-157728-8
Date Collected: 08/14/18 11:32
Matrix: Solid
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: MWC-8R-132'
Lab Sample ID: 400-157728-8
Date Collected: 08/14/18 11:32
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:35	GESP	TAL PEN

Client Sample ID: MW-D-88'
Lab Sample ID: 400-157728-9
Date Collected: 08/14/18 11:50
Matrix: Solid
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: MW-D-88'
Lab Sample ID: 400-157728-9
Date Collected: 08/14/18 11:50
Matrix: Solid
Date Received: 08/14/18 14:23
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:38	GESP	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: Plant Crist

TestAmerica Job ID: 400-157728-1
SDG: Cobalt

Client Sample ID: MW-D-110
Date Collected: 08/14/18 11:46
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: MW-D-110
Date Collected: 08/14/18 11:46
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-10
Matrix: Solid
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:41	GESP	TAL PEN

Client Sample ID: P-13R-62'
Date Collected: 08/14/18 13:16
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: P-13R-62'
Date Collected: 08/14/18 13:16
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-11
Matrix: Solid
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:45	GESP	TAL PEN

Client Sample ID: P-13R-72'
Date Collected: 08/14/18 13:18
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: P-13R-72'
Date Collected: 08/14/18 13:18
Date Received: 08/14/18 14:23

Lab Sample ID: 400-157728-12
Matrix: Solid
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:48	GESP	TAL PEN

Client Sample ID: P-13R-102' — **Lab Sample ID: 400-157728-13**
Date Collected: 08/14/18 13:20 — **Matrix: Solid**
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: P-13R-102' — **Lab Sample ID: 400-157728-13**
Date Collected: 08/14/18 13:20 — **Matrix: Solid**
Date Received: 08/14/18 14:23 — **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 16:51	GESP	TAL PEN

Client Sample ID: P-13R-112' — **Lab Sample ID: 400-157728-14**
Date Collected: 08/14/18 13:23 — **Matrix: Solid**
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: P-13R-112' — **Lab Sample ID: 400-157728-14**
Date Collected: 08/14/18 13:23 — **Matrix: Solid**
Date Received: 08/14/18 14:23 — **Percent Solids: 90.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 17:04	GESP	TAL PEN

Client Sample ID: P-13R-122' — **Lab Sample ID: 400-157728-15**
Date Collected: 08/14/18 13:22 — **Matrix: Solid**
Date Received: 08/14/18 14:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	408323	08/17/18 09:18	TMP	TAL PEN

Client Sample ID: P-13R-122' — **Lab Sample ID: 400-157728-15**
Date Collected: 08/14/18 13:22 — **Matrix: Solid**
Date Received: 08/14/18 14:23 — **Percent Solids: 77.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			408117	08/16/18 09:05	KWN	TAL PEN
Total/NA	Analysis	6010C		1	408304	08/16/18 17:08	GESP	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Prep Batch: 408117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-157728-1	GE-5S/D-25'	Total/NA	Solid	3050B	
400-157728-2	GE-5S/D-35'	Total/NA	Solid	3050B	
400-157728-3	GE-5S/D-38'	Total/NA	Solid	3050B	
400-157728-4	GE-5S/D-45'	Total/NA	Solid	3050B	
400-157728-5	MWC-8R-95'	Total/NA	Solid	3050B	
400-157728-6	MWC-8R-102'	Total/NA	Solid	3050B	
400-157728-7	MWC-8R-112'	Total/NA	Solid	3050B	
400-157728-8	MWC-8R-132'	Total/NA	Solid	3050B	
400-157728-9	MW-D-88'	Total/NA	Solid	3050B	
400-157728-10	MW-D-110	Total/NA	Solid	3050B	
400-157728-11	P-13R-62'	Total/NA	Solid	3050B	
400-157728-12	P-13R-72'	Total/NA	Solid	3050B	
400-157728-13	P-13R-102'	Total/NA	Solid	3050B	
400-157728-14	P-13R-112'	Total/NA	Solid	3050B	
400-157728-15	P-13R-122'	Total/NA	Solid	3050B	
MB 400-408117/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 400-408117/2-A	Lab Control Sample	Total/NA	Solid	3050B	
400-157728-1 MS	GE-5S/D-25'	Total/NA	Solid	3050B	
400-157728-1 MSD	GE-5S/D-25'	Total/NA	Solid	3050B	

Analysis Batch: 408304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-157728-1	GE-5S/D-25'	Total/NA	Solid	6010C	408117
400-157728-2	GE-5S/D-35'	Total/NA	Solid	6010C	408117
400-157728-3	GE-5S/D-38'	Total/NA	Solid	6010C	408117
400-157728-4	GE-5S/D-45'	Total/NA	Solid	6010C	408117
400-157728-5	MWC-8R-95'	Total/NA	Solid	6010C	408117
400-157728-6	MWC-8R-102'	Total/NA	Solid	6010C	408117
400-157728-7	MWC-8R-112'	Total/NA	Solid	6010C	408117
400-157728-8	MWC-8R-132'	Total/NA	Solid	6010C	408117
400-157728-9	MW-D-88'	Total/NA	Solid	6010C	408117
400-157728-10	MW-D-110	Total/NA	Solid	6010C	408117
400-157728-11	P-13R-62'	Total/NA	Solid	6010C	408117
400-157728-12	P-13R-72'	Total/NA	Solid	6010C	408117
400-157728-13	P-13R-102'	Total/NA	Solid	6010C	408117
400-157728-14	P-13R-112'	Total/NA	Solid	6010C	408117
400-157728-15	P-13R-122'	Total/NA	Solid	6010C	408117
MB 400-408117/1-A	Method Blank	Total/NA	Solid	6010C	408117
LCS 400-408117/2-A	Lab Control Sample	Total/NA	Solid	6010C	408117
400-157728-1 MS	GE-5S/D-25'	Total/NA	Solid	6010C	408117
400-157728-1 MSD	GE-5S/D-25'	Total/NA	Solid	6010C	408117

General Chemistry

Analysis Batch: 408323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-157728-1	GE-5S/D-25'	Total/NA	Solid	Moisture	
400-157728-2	GE-5S/D-35'	Total/NA	Solid	Moisture	
400-157728-3	GE-5S/D-38'	Total/NA	Solid	Moisture	
400-157728-4	GE-5S/D-45'	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 408323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-157728-5	MWC-8R-95'	Total/NA	Solid	Moisture	
400-157728-6	MWC-8R-102'	Total/NA	Solid	Moisture	
400-157728-7	MWC-8R-112'	Total/NA	Solid	Moisture	
400-157728-8	MWC-8R-132'	Total/NA	Solid	Moisture	
400-157728-9	MW-D-88'	Total/NA	Solid	Moisture	
400-157728-10	MW-D-110	Total/NA	Solid	Moisture	
400-157728-11	P-13R-62'	Total/NA	Solid	Moisture	
400-157728-12	P-13R-72'	Total/NA	Solid	Moisture	
400-157728-13	P-13R-102'	Total/NA	Solid	Moisture	
400-157728-14	P-13R-112'	Total/NA	Solid	Moisture	
400-157728-15	P-13R-122'	Total/NA	Solid	Moisture	
400-157728-1 DU	GE-5S/D-25'	Total/NA	Solid	Moisture	

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 400-408117/1-A
Matrix: Solid
Analysis Batch: 408304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 408117

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.298	U	0.994	0.298	mg/Kg		08/16/18 09:05	08/16/18 15:42	1

Lab Sample ID: LCS 400-408117/2-A
Matrix: Solid
Analysis Batch: 408304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 408117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	99.5	100.4		mg/Kg		101	80 - 120

Lab Sample ID: 400-157728-1 MS
Matrix: Solid
Analysis Batch: 408304

Client Sample ID: GE-5S/D-25'
Prep Type: Total/NA
Prep Batch: 408117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.298	U	101	97.90		mg/Kg	☼	97	75 - 125

Lab Sample ID: 400-157728-1 MSD
Matrix: Solid
Analysis Batch: 408304

Client Sample ID: GE-5S/D-25'
Prep Type: Total/NA
Prep Batch: 408117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	0.298	U	99.8	97.36		mg/Kg	☼	98	75 - 125	1	20

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: J. JOHNSON	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-76466-29903.1
Client Contact: Kristi Mitchell	Phone: 850-483-5100	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 1 of 3
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days): STANDARD			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: Purchase Order not required			
Email: krmitche@southernco.com	WO #:			
Project Name: Colbalt	Project #: 40000612			
Site: PLANT CRIST	SSOW#:			

Analysis Requested

400-157728 COC

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - SPLP Colbalt	6010C - Colbalt	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
GE-5S/D-25'	8/14/18	11:18	C	Solid			X	X		HOLD SPLP PENDING TOTAL Co RESULTS
GE-5S/D-35'		11:15	C	Solid			X	X		
GE-5S/D-38'		11:11	C	Solid			X	X		
GE-5S/D-45'		11:14	C	Solid			X	X		
MWC-8R-95'		11:26	C	Solid			X	X		
MWC-8R-102'		11:28	C	Solid			X	X		
MWC-8R-112'		11:30	C	Solid			X	X		
MWC-8R-132'		11:32	C	Solid			X	X		
MW-D-88'		11:50	C	Solid			X	X		
MW-D-110'		11:46	C	Solid			X	X		
				Solid						

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
M. Zdat	8/14/2018 14:23	GCO		8/14/18 1423	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company JAPEN

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 24.2°C IR8

Ver: 08/04/2016

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: J. JOHNSON	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-76466-29903.2
Client Contact: Kristi Mitchell	Phone: 850-483-5100	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 2 of 3
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days): STANDARD			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: Purchase Order not required			
Email: krmitche@southernco.com	WO #:			
Project Name: Colbalt	Project #: 40000612			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - SPLP Colbalt	6010C - Colbalt	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
P-13R-62'	8/14/18	13:16		Solid			X	X		HOLD SPLP
P-13R-72'		13:18		Solid			X	X		ANALYSES
P-13R-102'		13:20		Solid			X	X		PENDING TOTAL
P-13R-112'		13:23		Solid			X	X		CO RESULTS
P-13R-122'		13:22		Solid			X	X		
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
M. Johnson	8/14/2018 14:23	GPC		8/14/18 1423	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 24.2°C	Company TAPEN

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: → 24.2°C IR8

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-157728-1
SDG Number: Cobalt

Login Number: 157728
List Number: 1
Creator: Ott, Tina M

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	24.2°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: Plant Crist

TestAmerica Job ID: 400-157728-1
SDG: Cobalt

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18 *
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18 *
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-14	09-30-18
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-158570-1
Client Project/Site: Cobalt & Molybdenum

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Kristi Mitchell

Authorized for release by:
9/6/2018 4:42:21 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
cheyenne.whitmire@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Job ID: 400-158570-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-158570-1

Metals
Method(s) 6020: The post digestion spike % recovery for Cobalt associated with batch 410547 was outside of control limits.

Method Summary

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-1

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL PEN
3050B	Preparation, Metals	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-158570-1	MW-D-35	Solid	08/31/18 10:30	08/31/18 12:55
400-158570-2	MWC-8R-30	Solid	08/31/18 10:40	08/31/18 12:55
400-158570-3	MWC-8R-42	Solid	08/31/18 10:45	08/31/18 12:55
400-158570-4	MWC-8R-57	Solid	08/31/18 10:48	08/31/18 12:55
400-158570-5	MWC-5DR-58	Solid	08/31/18 10:56	08/31/18 12:55
400-158570-6	MWC-5DR-77	Solid	08/31/18 11:02	08/31/18 12:55
400-158570-7	MWC-5DR-94	Solid	08/31/18 11:08	08/31/18 12:55
400-158570-8	MWP-13R-22	Solid	08/31/18 11:12	08/31/18 12:55
400-158570-9	MWP-13R-42	Solid	08/31/18 11:15	08/31/18 12:55
400-158570-10	MWP-13R-52	Solid	08/31/18 11:16	08/31/18 12:55
400-158570-11	MWP-11R-45	Solid	08/31/18 11:23	08/31/18 12:55
400-158570-12	MWP-11R-65	Solid	08/31/18 11:30	08/31/18 12:55
400-158570-13	EXB-02-62	Solid	08/31/18 11:36	08/31/18 12:55
400-158570-14	EXB-02-72	Solid	08/31/18 11:37	08/31/18 12:55
400-158570-15	MW-3D(MWI-1)-60	Solid	08/31/18 11:45	08/31/18 12:55
400-158570-16	MW-4D(MWI-2)-48	Solid	08/31/18 11:53	08/31/18 12:55
400-158570-17	MWC-7R-30	Solid	08/31/18 12:00	08/31/18 12:55
400-158570-18	MWC-7R-62	Solid	08/31/18 12:03	08/31/18 12:55
400-158570-19	GE-4DR-52	Solid	08/31/18 12:08	08/31/18 12:55

Client Sample ID: MW-D-35

Lab Sample ID: 400-158570-1
Date Collected: 08/31/18 10:30
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 90.2

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0956	I	0.543	0.0825	mg/Kg	☼	09/04/18 13:28	09/05/18 17:26	10
Molybdenum	0.434	U	3.26	0.434	mg/Kg	☼	09/04/18 13:28	09/05/18 17:26	10

Client Sample ID: MWC-8R-30

Lab Sample ID: 400-158570-2
Date Collected: 08/31/18 10:40
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 85.8

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	15.4		0.541	0.0822	mg/Kg	☼	09/04/18 13:28	09/05/18 17:49	10
Molybdenum	3.06	I	3.25	0.433	mg/Kg	☼	09/04/18 13:28	09/05/18 17:49	10

Client Sample ID: MWC-8R-42

Lab Sample ID: 400-158570-3
Date Collected: 08/31/18 10:45
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 95.8

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.208	I	0.487	0.0740	mg/Kg	☼	09/04/18 13:28	09/05/18 18:16	10
Molybdenum	2.09	I	2.92	0.389	mg/Kg	☼	09/04/18 13:28	09/05/18 18:16	10

Client Sample ID: MWC-8R-57

Lab Sample ID: 400-158570-4
Date Collected: 08/31/18 10:48
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 97.3

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.02		0.528	0.0803	mg/Kg	☼	09/04/18 13:28	09/05/18 18:20	10
Molybdenum	0.977	I	3.17	0.422	mg/Kg	☼	09/04/18 13:28	09/05/18 18:20	10

Client Sample ID: MWC-5DR-58

Lab Sample ID: 400-158570-5
Date Collected: 08/31/18 10:56
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 98.6

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.235	I	0.515	0.0783	mg/Kg	☼	09/04/18 13:28	09/05/18 18:25	10
Molybdenum	2.48	I	3.09	0.412	mg/Kg	☼	09/04/18 13:28	09/05/18 18:25	10

Client Sample ID: MWC-5DR-77

Lab Sample ID: 400-158570-6
Date Collected: 08/31/18 11:02
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 96.2

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0766	U	0.504	0.0766	mg/Kg	☼	09/04/18 13:28	09/05/18 18:29	10
Molybdenum	0.403	U	3.03	0.403	mg/Kg	☼	09/04/18 13:28	09/05/18 18:29	10

Client Sample ID: MWC-5DR-94

Lab Sample ID: 400-158570-7
Date Collected: 08/31/18 11:08
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 81.4

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.276**	**I**	0.586	0.0891	mg/Kg	☼	09/04/18 13:28	09/05/18 18:34	10
Molybdenum	**1.79**	**I**	3.52	0.469	mg/Kg	☼	09/04/18 13:28	09/05/18 18:34	10

Client Sample ID: MWP-13R-22

Lab Sample ID: 400-158570-8
Date Collected: 08/31/18 11:12
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 88.2

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0842	U	0.554	0.0842	mg/Kg	☼	09/04/18 13:28	09/05/18 18:38	10
Molybdenum	0.443	U	3.32	0.443	mg/Kg	☼	09/04/18 13:28	09/05/18 18:38	10

Client Sample ID: MWP-13R-42

Lab Sample ID: 400-158570-9
Date Collected: 08/31/18 11:15
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 87.3

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0862	U	0.567	0.0862	mg/Kg	☼	09/04/18 13:28	09/05/18 18:43	10
Molybdenum	0.454	U	3.40	0.454	mg/Kg	☼	09/04/18 13:28	09/05/18 18:43	10

Client Sample ID: MWP-13R-52

Lab Sample ID: 400-158570-10
Date Collected: 08/31/18 11:16
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 85.7

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0814	U	0.536	0.0814	mg/Kg	☼	09/04/18 13:28	09/05/18 18:47	10
Molybdenum	0.429	U	3.21	0.429	mg/Kg	☼	09/04/18 13:28	09/05/18 18:47	10

Client Sample ID: MWP-11R-45

Lab Sample ID: 400-158570-11
Date Collected: 08/31/18 11:23
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 85.4

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.0874**	**I**	0.575	0.0874	mg/Kg	☼	09/04/18 13:28	09/05/18 18:52	10
Molybdenum	0.460	U	3.45	0.460	mg/Kg	☼	09/04/18 13:28	09/05/18 18:52	10

Client Sample ID: MWP-11R-65

Lab Sample ID: 400-158570-12
Date Collected: 08/31/18 11:30
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 79.9

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.300**	**I**	0.608	0.0923	mg/Kg	☼	09/04/18 13:28	09/05/18 18:56	10
Molybdenum	0.486	U	3.65	0.486	mg/Kg	☼	09/04/18 13:28	09/05/18 18:56	10

Client Sample ID: EXB-02-62
Lab Sample ID: 400-158570-13
Date Collected: 08/31/18 11:36
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 97.0

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0778	U	0.512	0.0778	mg/Kg	☼	09/04/18 13:28	09/05/18 19:23	10
Molybdenum	0.409	U	3.07	0.409	mg/Kg	☼	09/04/18 13:28	09/05/18 19:23	10

Client Sample ID: EXB-02-72
Lab Sample ID: 400-158570-14
Date Collected: 08/31/18 11:37
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 88.0

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**19.6**		0.565	0.0859	mg/Kg	☼	09/04/18 13:28	09/05/18 19:27	10
Molybdenum	0.452	U	3.39	0.452	mg/Kg	☼	09/04/18 13:28	09/05/18 19:27	10

Client Sample ID: MW-3D(MWI-1)-60
Lab Sample ID: 400-158570-15
Date Collected: 08/31/18 11:45
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 98.2

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.190**	**I**	0.480	0.0729	mg/Kg	☼	09/04/18 13:28	09/05/18 19:32	10
Molybdenum	**0.540**	**I**	2.88	0.384	mg/Kg	☼	09/04/18 13:28	09/05/18 19:32	10

Client Sample ID: MW-4D(MWI-2)-48
Lab Sample ID: 400-158570-16
Date Collected: 08/31/18 11:53
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 83.7

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.896**		0.567	0.0862	mg/Kg	☼	09/04/18 13:28	09/05/18 19:37	10
Molybdenum	0.454	U	3.40	0.454	mg/Kg	☼	09/04/18 13:28	09/05/18 19:37	10

Client Sample ID: MWC-7R-30
Lab Sample ID: 400-158570-17
Date Collected: 08/31/18 12:00
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 82.9

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.09**		0.583	0.0886	mg/Kg	☼	09/04/18 13:28	09/05/18 19:41	10
Molybdenum	0.467	U	3.50	0.467	mg/Kg	☼	09/04/18 13:28	09/05/18 19:41	10

Client Sample ID: MWC-7R-62
Lab Sample ID: 400-158570-18
Date Collected: 08/31/18 12:03
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 75.9

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.13**		0.653	0.0993	mg/Kg	☼	09/04/18 13:28	09/05/18 19:45	10
Molybdenum	0.523	U	3.92	0.523	mg/Kg	☼	09/04/18 13:28	09/05/18 19:45	10

Client Sample Results

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-1

Client Sample ID: GE-4DR-52
Date Collected: 08/31/18 12:08
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-19
Matrix: Solid
Percent Solids: 81.1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.135	I	0.599	0.0911	mg/Kg	☼	09/04/18 13:28	09/05/18 19:50	10
Molybdenum	0.480	U	3.60	0.480	mg/Kg	☼	09/04/18 13:28	09/05/18 19:50	10

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-1

Client Sample ID: MW-D-35
Date Collected: 08/31/18 10:30
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MW-D-35
Date Collected: 08/31/18 10:30
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-1
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 17:26	DRE	TAL PEN

Client Sample ID: MWC-8R-30
Date Collected: 08/31/18 10:40
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-8R-30
Date Collected: 08/31/18 10:40
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-2
Matrix: Solid
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 17:49	DRE	TAL PEN

Client Sample ID: MWC-8R-42
Date Collected: 08/31/18 10:45
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-8R-42
Date Collected: 08/31/18 10:45
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-3
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:16	DRE	TAL PEN

Client Sample ID: MWC-8R-57
Lab Sample ID: 400-158570-4
Date Collected: 08/31/18 10:48
Matrix: Solid
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-8R-57
Lab Sample ID: 400-158570-4
Date Collected: 08/31/18 10:48
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:20	DRE	TAL PEN

Client Sample ID: MWC-5DR-58
Lab Sample ID: 400-158570-5
Date Collected: 08/31/18 10:56
Matrix: Solid
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-5DR-58
Lab Sample ID: 400-158570-5
Date Collected: 08/31/18 10:56
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:25	DRE	TAL PEN

Client Sample ID: MWC-5DR-77
Lab Sample ID: 400-158570-6
Date Collected: 08/31/18 11:02
Matrix: Solid
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-5DR-77
Lab Sample ID: 400-158570-6
Date Collected: 08/31/18 11:02
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:29	DRE	TAL PEN

Client Sample ID: MWC-5DR-94
Lab Sample ID: 400-158570-7
Date Collected: 08/31/18 11:08
Matrix: Solid
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-5DR-94
Lab Sample ID: 400-158570-7
Date Collected: 08/31/18 11:08
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:34	DRE	TAL PEN

Client Sample ID: MWP-13R-22
Lab Sample ID: 400-158570-8
Date Collected: 08/31/18 11:12
Matrix: Solid
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWP-13R-22
Lab Sample ID: 400-158570-8
Date Collected: 08/31/18 11:12
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:38	DRE	TAL PEN

Client Sample ID: MWP-13R-42
Lab Sample ID: 400-158570-9
Date Collected: 08/31/18 11:15
Matrix: Solid
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWP-13R-42
Lab Sample ID: 400-158570-9
Date Collected: 08/31/18 11:15
Matrix: Solid
Date Received: 08/31/18 12:55
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:43	DRE	TAL PEN

Client Sample ID: MWP-13R-52 — **Lab Sample ID: 400-158570-10**
Date Collected: 08/31/18 11:16 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWP-13R-52 — **Lab Sample ID: 400-158570-10**
Date Collected: 08/31/18 11:16 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:47	DRE	TAL PEN

Client Sample ID: MWP-11R-45 — **Lab Sample ID: 400-158570-11**
Date Collected: 08/31/18 11:23 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWP-11R-45 — **Lab Sample ID: 400-158570-11**
Date Collected: 08/31/18 11:23 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:52	DRE	TAL PEN

Client Sample ID: MWP-11R-65 — **Lab Sample ID: 400-158570-12**
Date Collected: 08/31/18 11:30 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWP-11R-65 — **Lab Sample ID: 400-158570-12**
Date Collected: 08/31/18 11:30 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 79.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 18:56	DRE	TAL PEN

Client Sample ID: EXB-02-62 — **Lab Sample ID: 400-158570-13**
Date Collected: 08/31/18 11:36 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: EXB-02-62 — **Lab Sample ID: 400-158570-13**
Date Collected: 08/31/18 11:36 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 97.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 19:23	DRE	TAL PEN

Client Sample ID: EXB-02-72 — **Lab Sample ID: 400-158570-14**
Date Collected: 08/31/18 11:37 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: EXB-02-72 — **Lab Sample ID: 400-158570-14**
Date Collected: 08/31/18 11:37 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 88.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 19:27	DRE	TAL PEN

Client Sample ID: MW-3D(MWI-1)-60 — **Lab Sample ID: 400-158570-15**
Date Collected: 08/31/18 11:45 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MW-3D(MWI-1)-60 — **Lab Sample ID: 400-158570-15**
Date Collected: 08/31/18 11:45 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 19:32	DRE	TAL PEN

Client Sample ID: MW-4D(MWI-2)-48 — **Lab Sample ID: 400-158570-16**
Date Collected: 08/31/18 11:53 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MW-4D(MWI-2)-48 — **Lab Sample ID: 400-158570-16**
Date Collected: 08/31/18 11:53 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 83.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 19:37	DRE	TAL PEN

Client Sample ID: MWC-7R-30 — **Lab Sample ID: 400-158570-17**
Date Collected: 08/31/18 12:00 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-7R-30 — **Lab Sample ID: 400-158570-17**
Date Collected: 08/31/18 12:00 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 82.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 19:41	DRE	TAL PEN

Client Sample ID: MWC-7R-62 — **Lab Sample ID: 400-158570-18**
Date Collected: 08/31/18 12:03 — **Matrix: Solid**
Date Received: 08/31/18 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: MWC-7R-62 — **Lab Sample ID: 400-158570-18**
Date Collected: 08/31/18 12:03 — **Matrix: Solid**
Date Received: 08/31/18 12:55 — **Percent Solids: 75.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 19:45	DRE	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-1

Client Sample ID: GE-4DR-52
Date Collected: 08/31/18 12:08
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	410355	09/05/18 10:21	TMP	TAL PEN

Client Sample ID: GE-4DR-52
Date Collected: 08/31/18 12:08
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-19
Matrix: Solid
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			410262	09/04/18 13:28	DRE	TAL PEN
Total/NA	Analysis	6020		10	410547	09/05/18 19:50	DRE	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Prep Batch: 410262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-1	MW-D-35	Total/NA	Solid	3050B	
400-158570-2	MWC-8R-30	Total/NA	Solid	3050B	
400-158570-3	MWC-8R-42	Total/NA	Solid	3050B	
400-158570-4	MWC-8R-57	Total/NA	Solid	3050B	
400-158570-5	MWC-5DR-58	Total/NA	Solid	3050B	
400-158570-6	MWC-5DR-77	Total/NA	Solid	3050B	
400-158570-7	MWC-5DR-94	Total/NA	Solid	3050B	
400-158570-8	MWP-13R-22	Total/NA	Solid	3050B	
400-158570-9	MWP-13R-42	Total/NA	Solid	3050B	
400-158570-10	MWP-13R-52	Total/NA	Solid	3050B	
400-158570-11	MWP-11R-45	Total/NA	Solid	3050B	
400-158570-12	MWP-11R-65	Total/NA	Solid	3050B	
400-158570-13	EXB-02-62	Total/NA	Solid	3050B	
400-158570-14	EXB-02-72	Total/NA	Solid	3050B	
400-158570-15	MW-3D(MWI-1)-60	Total/NA	Solid	3050B	
400-158570-16	MW-4D(MWI-2)-48	Total/NA	Solid	3050B	
400-158570-17	MWC-7R-30	Total/NA	Solid	3050B	
400-158570-18	MWC-7R-62	Total/NA	Solid	3050B	
400-158570-19	GE-4DR-52	Total/NA	Solid	3050B	
MB 400-410262/1-A ^10	Method Blank	Total/NA	Solid	3050B	
LCS 400-410262/2-A ^10	Lab Control Sample	Total/NA	Solid	3050B	
400-158570-1 MS	MW-D-35	Total/NA	Solid	3050B	
400-158570-1 MSD	MW-D-35	Total/NA	Solid	3050B	

Analysis Batch: 410547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-1	MW-D-35	Total/NA	Solid	6020	410262
400-158570-2	MWC-8R-30	Total/NA	Solid	6020	410262
400-158570-3	MWC-8R-42	Total/NA	Solid	6020	410262
400-158570-4	MWC-8R-57	Total/NA	Solid	6020	410262
400-158570-5	MWC-5DR-58	Total/NA	Solid	6020	410262
400-158570-6	MWC-5DR-77	Total/NA	Solid	6020	410262
400-158570-7	MWC-5DR-94	Total/NA	Solid	6020	410262
400-158570-8	MWP-13R-22	Total/NA	Solid	6020	410262
400-158570-9	MWP-13R-42	Total/NA	Solid	6020	410262
400-158570-10	MWP-13R-52	Total/NA	Solid	6020	410262
400-158570-11	MWP-11R-45	Total/NA	Solid	6020	410262
400-158570-12	MWP-11R-65	Total/NA	Solid	6020	410262
400-158570-13	EXB-02-62	Total/NA	Solid	6020	410262
400-158570-14	EXB-02-72	Total/NA	Solid	6020	410262
400-158570-15	MW-3D(MWI-1)-60	Total/NA	Solid	6020	410262
400-158570-16	MW-4D(MWI-2)-48	Total/NA	Solid	6020	410262
400-158570-17	MWC-7R-30	Total/NA	Solid	6020	410262
400-158570-18	MWC-7R-62	Total/NA	Solid	6020	410262
400-158570-19	GE-4DR-52	Total/NA	Solid	6020	410262
MB 400-410262/1-A ^10	Method Blank	Total/NA	Solid	6020	410262
LCS 400-410262/2-A ^10	Lab Control Sample	Total/NA	Solid	6020	410262
400-158570-1 MS	MW-D-35	Total/NA	Solid	6020	410262
400-158570-1 MSD	MW-D-35	Total/NA	Solid	6020	410262

General Chemistry

Analysis Batch: 410355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-1	MW-D-35	Total/NA	Solid	Moisture	
400-158570-2	MWC-8R-30	Total/NA	Solid	Moisture	
400-158570-3	MWC-8R-42	Total/NA	Solid	Moisture	
400-158570-4	MWC-8R-57	Total/NA	Solid	Moisture	
400-158570-5	MWC-5DR-58	Total/NA	Solid	Moisture	
400-158570-6	MWC-5DR-77	Total/NA	Solid	Moisture	
400-158570-7	MWC-5DR-94	Total/NA	Solid	Moisture	
400-158570-8	MWP-13R-22	Total/NA	Solid	Moisture	
400-158570-9	MWP-13R-42	Total/NA	Solid	Moisture	
400-158570-10	MWP-13R-52	Total/NA	Solid	Moisture	
400-158570-11	MWP-11R-45	Total/NA	Solid	Moisture	
400-158570-12	MWP-11R-65	Total/NA	Solid	Moisture	
400-158570-13	EXB-02-62	Total/NA	Solid	Moisture	
400-158570-14	EXB-02-72	Total/NA	Solid	Moisture	
400-158570-15	MW-3D(MWI-1)-60	Total/NA	Solid	Moisture	
400-158570-16	MW-4D(MWI-2)-48	Total/NA	Solid	Moisture	
400-158570-17	MWC-7R-30	Total/NA	Solid	Moisture	
400-158570-18	MWC-7R-62	Total/NA	Solid	Moisture	
400-158570-19	GE-4DR-52	Total/NA	Solid	Moisture	
400-158570-1 DU	MW-D-35	Total/NA	Solid	Moisture	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-410262/1-A ^10
Matrix: Solid
Analysis Batch: 410547

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 410262

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0737	U	0.485	0.0737	mg/Kg		09/04/18 13:28	09/05/18 17:17	10
Molybdenum	0.388	U	2.91	0.388	mg/Kg		09/04/18 13:28	09/05/18 17:17	10

Lab Sample ID: LCS 400-410262/2-A ^10
Matrix: Solid
Analysis Batch: 410547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 410262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	9.88	10.97		mg/Kg		111	80 - 120
Molybdenum	9.88	10.29		mg/Kg		104	80 - 120

Lab Sample ID: 400-158570-1 MS
Matrix: Solid
Analysis Batch: 410547

Client Sample ID: MW-D-35
Prep Type: Total/NA
Prep Batch: 410262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.0956	I	5.39	6.249		mg/Kg	☼	114	75 - 125
Molybdenum	0.434	U	5.39	5.819		mg/Kg	☼	108	75 - 125

Lab Sample ID: 400-158570-1 MSD
Matrix: Solid
Analysis Batch: 410547

Client Sample ID: MW-D-35
Prep Type: Total/NA
Prep Batch: 410262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	0.0956	I	5.17	5.767		mg/Kg	☼	110	75 - 125	8	20
Molybdenum	0.434	U	5.17	5.157		mg/Kg	☼	100	75 - 125	12	20

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Sue Johnson	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-76598-29937.2
Client Contact: Kristi Mitchell	Phone: 850-483-5100	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 1 of 2
Company: Gulf Power Company				Job #:

Address: BIN 731 One Energy Place	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Pensacola	TAT Requested (days): 24-48 hrs		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:
State, Zip: FL, 32520			
Phone: 850-444-6427(Tel)	PO #: Purchase Order not required		
Email: krmitche@southernco.com	WO #:		
Project Name: Molybdenum	Project #: 40000612		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - SPLP Molybdenum 6020	6010C - Molybdenum 6020	Cobalt 6020	Co SPLP 6020	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
MW-D-35	8/31/18	1030	G	Solid			X	X	X	X		hold SPLP pending total results
MWC-8R-30	8/31/18	1040		Solid								
MWC-8R-42	8/31/18	1045		Solid								
MWC-8R-57	8/31/18	1048		Solid								
MWC-5DR-58	8/31/18	1056		Solid								
MWC-5DR-77	8/31/18	1102		Solid								
MWC-5DR-94	8/31/18	1108		Solid								
MWP-13R-22	8/31/18	1112		Solid								
MWP-13R-42	8/31/18	1115		Solid								
MWP-13R-52	8/31/18	1116		5								
MWP-11R-45	8/31/18	1123		5								

400-158570 COC

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☒ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/31/18 1255	Gulf Power			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8-31-18 1255	Company TTA-PEN

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 27.0°C IR7

Ver: 08/04/2016

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Jill Johnson	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-76598-29937.1
Client Contact: Kristi Mitchell	Phone: 8504835700	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 2 of 2
Company: Gulf Power Company				Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days): 24-48 hrs			
State, Zip: FL, 32520				
Phone: 850-444-6427(Tel)	PO #: Purchase Order not required			
Email: krmitche@southernco.com	WO #:			
Project Name: Molybdenum	Project #: 40000612			
Site: CHST	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - SPLP Molybdenum	6010C - Molybdenum	Cobalt 6020	Co SPLP 6020	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
MWP-11R-65	8/31/18	1130	G	Solid			X	X	X	X		hold SPLP pending total results
EXB-02-62	8/31/18	1136	G	Solid								
EXB-02-72	8/31/18	1137		Solid								
MW-3D (MWI-1)-60	8/31/18	1145		Solid								
MW-4D (MWI-2)-48	8/31/18	1153		Solid								
MWC-7R-30	8/31/18	1200		Solid								
MWC-7R-62	8/31/18	1203		Solid								
GE-4DR-52	8/31/18	1208		Solid								
				Solid								
				Solid								
				Solid								

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☒ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/31/18 1255	Gulf Power			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8-31-18 1255	Company TA-PEN

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 27.0 IR7

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-157520-1
8SG Number:

Login Number: 158570
List Number: 1
Creator: Johnson, Jeremy N

List Source: TestAmerica Pensacola

Question	Answer	Comment
AaRioadticity wavnst d' edheRor iv kD< badh=rounRav meavureRby a vurcey meterg	NI0	
. ' e doolersv duvtoRy vealTif preventTiv intadtg	. rue	
8ample duvtoRy vealvTif preventTare intadtg	NI0	
. ' e dooler or vamplev Rio not appear to ' ace been dompromiveRor tampereRwit' g	. rue	
8amplev were redeiceRon ideg	. rue	
Cooler . emperature iv addeptableg	. rue	
Cooler . emperature iv redorReRg	. rue	, 2g0°C IA2
COC iv preventg	. rue	
COC iv filleRout in inh anRle=ibleg	. rue	
COC iv filleRout wit' all pertinent informationg	. rue	
Iv t' e FielR8amplersv name prevent on COC?	. rue	
. ' ere are no Rivdrepandiev between t' e dontainerv redeiceRanR t' e COCg	. rue	
8amplev are redeiceRwit' in HolRin= . ime (exdluRin= tevtv wit' immeRiate H. v)	. rue	
8ample dontainerv ' ace le=ible labelvg	. rue	
Containerv are not brohen or leahin=g	. rue	
8ample dolledtion RateDimev are prociReRg	. rue	
/ ppropriate vample dontainerv are uveRg	. rue	
8ample bottlev are dompletely filleRg	. rue	
8ample Prevercation VerifieRg	. rue	
. ' ere iv vuffidient colgfor all requevteRanalyvevTindlgany requevteR M8DM8Sv	. rue	
Containerv requirin= zero ' eaRvpade ' ace no ' eaRvpade or bubble iv k6mm (1I4")g	NI0	
Multip' avid vamplev are not preventg	. rue	
8amplev Rio not require vplittin= or dompovitin=g	. rue	
AeviRual C' lorine C' edheRg	NI0	

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18 *
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18 *
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18 *
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-14	09-30-18
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-158570-2
TestAmerica Sample Delivery Group: SPLP
Client Project/Site: Cobalt & Molybdenum

For:
Gulf Power Company
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Kristi Mitchell

Authorized for release by:
9/17/2018 6:14:59 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
cheyenne.whitmire@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-158570-2

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-158570-2

Metals

Method(s) 6020: The following sample was diluted to bring the concentration of target analytes within the calibration range: EXB-02-72 (400-158570-14). Elevated reporting limits (RLs) are provided.

Method Summary

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-2
SDG: SPLP

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
1312	SPLP Extraction	SW846	TAL PEN
3010A	Preparation, Total Metals	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-2
SDG: SPLP

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-158570-1	MW-D-35	Solid	08/31/18 10:30	08/31/18 12:55
400-158570-2	MWC-8R-30	Solid	08/31/18 10:40	08/31/18 12:55
400-158570-3	MWC-8R-42	Solid	08/31/18 10:45	08/31/18 12:55
400-158570-4	MWC-8R-57	Solid	08/31/18 10:48	08/31/18 12:55
400-158570-5	MWC-5DR-58	Solid	08/31/18 10:56	08/31/18 12:55
400-158570-7	MWC-5DR-94	Solid	08/31/18 11:08	08/31/18 12:55
400-158570-11	MWP-11R-45	Solid	08/31/18 11:23	08/31/18 12:55
400-158570-12	MWP-11R-65	Solid	08/31/18 11:30	08/31/18 12:55
400-158570-14	EXB-02-72	Solid	08/31/18 11:37	08/31/18 12:55
400-158570-15	MW-3D(MWI-1)-60	Solid	08/31/18 11:45	08/31/18 12:55
400-158570-16	MW-4D(MWI-2)-48	Solid	08/31/18 11:53	08/31/18 12:55
400-158570-17	MWC-7R-30	Solid	08/31/18 12:00	08/31/18 12:55
400-158570-18	MWC-7R-62	Solid	08/31/18 12:03	08/31/18 12:55
400-158570-19	GE-4DR-52	Solid	08/31/18 12:08	08/31/18 12:55

Client Sample ID: MW-D-35

Lab Sample ID: 400-158570-1
Date Collected: 08/31/18 10:30
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals ICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/13/18 08:14	09/13/18 19:43	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/13/18 08:14	09/13/18 19:43	5

Client Sample ID: MWC-8R-30

Lab Sample ID: 400-158570-9
Date Collected: 08/31/18 10:40
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals ICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0f588		0.00250	0.000400	mg/L		09/13/18 08:14	09/13/18 20:28	5
MolAbdenum	0f00148	I	0.0150	0.000850	mg/L		09/13/18 08:14	09/13/18 20:28	5

Client Sample ID: MWC-8R-49

Lab Sample ID: 400-158570-3
Date Collected: 08/31/18 10:45
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals ICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/13/18 08:14	09/13/18 20:32	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/13/18 08:14	09/13/18 20:32	5

Client Sample ID: MWC-8R-57

Lab Sample ID: 400-158570-4
Date Collected: 08/31/18 10:48
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals ICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0f93E		0.00250	0.000400	mg/L		09/13/18 08:14	09/13/18 20:37	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/13/18 08:14	09/13/18 20:37	5

Client Sample ID: MWC-5DR-58

Lab Sample ID: 400-158570-5
Date Collected: 08/31/18 10:52
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals ICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/13/18 08:14	09/13/18 20:41	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/13/18 08:14	09/13/18 20:41	5

Client Sample ID: MWC-5DR-E4

Lab Sample ID: 400-158570-7
Date Collected: 08/31/18 11:08
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals ICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/13/18 08:14	09/13/18 20:45	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/13/18 08:14	09/13/18 20:45	5

Client Sample ID: MWh-11R-45
Date Collected: 08/31/18 11:93
Date ReceiPed: 08/31/18 19:55

Lab Sample ID: 400-158570-11
Matrix: Solid

Met. od: 2090 - Metals vICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 14:05	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 14:05	5

Client Sample ID: MWh-11R-25
Date Collected: 08/31/18 11:30
Date ReceiPed: 08/31/18 19:55

Lab Sample ID: 400-158570-19
Matrix: Solid

Met. od: 2090 - Metals vICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 14:28	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 14:28	5

Client Sample ID: (XB-09-79
Date Collected: 08/31/18 11:37
Date ReceiPed: 08/31/18 19:55

Lab Sample ID: 400-158570-14
Matrix: Solid

Met. od: 2090 - Metals vICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 14:32	5

Met. od: 2090 - Metals vICh/MS6- ShLh (ast - DL

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	1f04		0.0125	0.00200	mg/L		09/14/18 08:03	09/17/18 15:23	25

Client Sample ID: MW-3DvMWI-16-20
Date Collected: 08/31/18 11:45
Date ReceiPed: 08/31/18 19:55

Lab Sample ID: 400-158570-15
Matrix: Solid

Met. od: 2090 - Metals vICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 14:37	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 14:37	5

Client Sample ID: MW-4DvMWI-96-48
Date Collected: 08/31/18 11:53
Date ReceiPed: 08/31/18 19:55

Lab Sample ID: 400-158570-12
Matrix: Solid

Met. od: 2090 - Metals vICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 15:04	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 15:04	5

Client Sample ID: MWC-7R-30
Date Collected: 08/31/18 19:00
Date ReceiPed: 08/31/18 19:55

Lab Sample ID: 400-158570-17
Matrix: Solid

Met. od: 2090 - Metals vICh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 15:10	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 15:10	5

Client Sample Results

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-2
SDG: SPLP

Client Sample ID: MWC-7R-29

Lab Sample ID: 400-158570-18

Date Collected: 08/31/18 19:03
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals VCh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 15:14	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 15:14	5

Client Sample ID: G(-4DR-59

Lab Sample ID: 400-158570-1E

Date Collected: 08/31/18 19:08
Matrix: Solid
Date ReceiPed: 08/31/18 19:55

Met. od: 2090 - Metals VCh/MS6- ShLh (ast

QnalAte	Result	) ualiUer	h) L	MDL	z nit	D	hrepared	QnalAFed	Dil yac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 15:19	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 15:19	5

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-2
SDG: SPLP

Client Sample ID: MW-D-35
Date Collected: 08/31/18 10:30
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411121	09/11/18 15:32	SLB	TAL PEN
SPLP East	Prep	3010A			411348	09/13/18 08:14	DRE	TAL PEN
SPLP East	Analysis	6020		5	411740	09/13/18 19:43	DRE	TAL PEN

Client Sample ID: MWC-8R-30
Date Collected: 08/31/18 10:40
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411121	09/11/18 15:32	SLB	TAL PEN
SPLP East	Prep	3010A			411348	09/13/18 08:14	DRE	TAL PEN
SPLP East	Analysis	6020		5	411740	09/13/18 20:28	DRE	TAL PEN

Client Sample ID: MWC-8R-42
Date Collected: 08/31/18 10:45
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411121	09/11/18 15:32	SLB	TAL PEN
SPLP East	Prep	3010A			411348	09/13/18 08:14	DRE	TAL PEN
SPLP East	Analysis	6020		5	411740	09/13/18 20:32	DRE	TAL PEN

Client Sample ID: MWC-8R-57
Date Collected: 08/31/18 10:48
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411121	09/11/18 15:32	SLB	TAL PEN
SPLP East	Prep	3010A			411348	09/13/18 08:14	DRE	TAL PEN
SPLP East	Analysis	6020		5	411740	09/13/18 20:37	DRE	TAL PEN

Client Sample ID: MWC-5DR-58
Date Collected: 08/31/18 10:56
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411121	09/11/18 15:32	SLB	TAL PEN
SPLP East	Prep	3010A			411348	09/13/18 08:14	DRE	TAL PEN
SPLP East	Analysis	6020		5	411740	09/13/18 20:41	DRE	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-2
SDG: SPLP

Client Sample ID: MWC-5DR-94
Date Collected: 08/31/18 11:08
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411121	09/11/18 15:32	SLB	TAL PEN
SPLP East	Prep	3010A			411348	09/13/18 08:14	DRE	TAL PEN
SPLP East	Analysis	6020		5	411740	09/13/18 20:45	DRE	TAL PEN

Client Sample ID: MWP-11R-45
Date Collected: 08/31/18 11:23
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 14:05	DRE	TAL PEN

Client Sample ID: MWP-11R-65
Date Collected: 08/31/18 11:30
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 14:28	DRE	TAL PEN

Client Sample ID: EXB-02-72
Date Collected: 08/31/18 11:37
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 14:32	DRE	TAL PEN
SPLP East	Leach	1312	DL		411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A	DL		411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020	DL	25	411858	09/17/18 15:23	DRE	TAL PEN

Client Sample ID: MW-3D(MWI-1)-60
Date Collected: 08/31/18 11:45
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 14:37	DRE	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: Cobalt & Molybdenum

TestAmerica Job ID: 400-158570-2
SDG: SPLP

Client Sample ID: MW-4D(MWI-2)-48
Date Collected: 08/31/18 11:53
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 15:04	DRE	TAL PEN

Client Sample ID: MWC-7R-30
Date Collected: 08/31/18 12:00
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 15:10	DRE	TAL PEN

Client Sample ID: MWC-7R-62
Date Collected: 08/31/18 12:03
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 15:14	DRE	TAL PEN

Client Sample ID: GE-4DR-52
Date Collected: 08/31/18 12:08
Date Received: 08/31/18 12:55

Lab Sample ID: 400-158570-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			411276	09/12/18 14:41	SLB	TAL PEN
SPLP East	Prep	3010A			411476	09/14/18 08:03	KWN	TAL PEN
SPLP East	Analysis	6020		5	411858	09/17/18 15:19	DRE	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Metals

Leach Batch: 411121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-1	MW-D-35	SPLP East	Solid	1312	
400-158570-2	MWC-8R-30	SPLP East	Solid	1312	
400-158570-3	MWC-8R-42	SPLP East	Solid	1312	
400-158570-4	MWC-8R-57	SPLP East	Solid	1312	
400-158570-5	MWC-5DR-58	SPLP East	Solid	1312	
400-158570-7	MWC-5DR-94	SPLP East	Solid	1312	
LB 400-411121/1-B ^5	Method Blank	SPLP East	Solid	1312	
400-158570-1 MS	MW-D-35	SPLP East	Solid	1312	
400-158570-1 MSD	MW-D-35	SPLP East	Solid	1312	

Leach Batch: 411276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-11	MWP-11R-45	SPLP East	Solid	1312	
400-158570-12	MWP-11R-65	SPLP East	Solid	1312	
400-158570-14 - DL	EXB-02-72	SPLP East	Solid	1312	
400-158570-14	EXB-02-72	SPLP East	Solid	1312	
400-158570-15	MW-3D(MWI-1)-60	SPLP East	Solid	1312	
400-158570-16	MW-4D(MWI-2)-48	SPLP East	Solid	1312	
400-158570-17	MWC-7R-30	SPLP East	Solid	1312	
400-158570-18	MWC-7R-62	SPLP East	Solid	1312	
400-158570-19	GE-4DR-52	SPLP East	Solid	1312	
LB 400-411276/1-B ^5	Method Blank	SPLP East	Solid	1312	
400-158570-11 MS	MWP-11R-45	SPLP East	Solid	1312	
400-158570-11 MSD	MWP-11R-45	SPLP East	Solid	1312	

Prep Batch: 411348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-1	MW-D-35	SPLP East	Solid	3010A	411121
400-158570-2	MWC-8R-30	SPLP East	Solid	3010A	411121
400-158570-3	MWC-8R-42	SPLP East	Solid	3010A	411121
400-158570-4	MWC-8R-57	SPLP East	Solid	3010A	411121
400-158570-5	MWC-5DR-58	SPLP East	Solid	3010A	411121
400-158570-7	MWC-5DR-94	SPLP East	Solid	3010A	411121
LB 400-411121/1-B ^5	Method Blank	SPLP East	Solid	3010A	411121
LCS 400-411348/2-A ^5	Lab Control Sample	Total/NA	Solid	3010A	
400-158570-1 MS	MW-D-35	SPLP East	Solid	3010A	411121
400-158570-1 MSD	MW-D-35	SPLP East	Solid	3010A	411121

Prep Batch: 411476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-11	MWP-11R-45	SPLP East	Solid	3010A	411276
400-158570-12	MWP-11R-65	SPLP East	Solid	3010A	411276
400-158570-14	EXB-02-72	SPLP East	Solid	3010A	411276
400-158570-14 - DL	EXB-02-72	SPLP East	Solid	3010A	411276
400-158570-15	MW-3D(MWI-1)-60	SPLP East	Solid	3010A	411276
400-158570-16	MW-4D(MWI-2)-48	SPLP East	Solid	3010A	411276
400-158570-17	MWC-7R-30	SPLP East	Solid	3010A	411276
400-158570-18	MWC-7R-62	SPLP East	Solid	3010A	411276
400-158570-19	GE-4DR-52	SPLP East	Solid	3010A	411276
LB 400-411276/1-B ^5	Method Blank	SPLP East	Solid	3010A	411276
LCS 400-411476/2-A ^5	Lab Control Sample	Total/NA	Solid	3010A	

Metals (Continued)

Prep Batch: 411476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-11 MS	MWP-11R-45	SPLP East	Solid	3010A	411276
400-158570-11 MSD	MWP-11R-45	SPLP East	Solid	3010A	411276

Analysis Batch: 411740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-1	MW-D-35	SPLP East	Solid	6020	411348
400-158570-2	MWC-8R-30	SPLP East	Solid	6020	411348
400-158570-3	MWC-8R-42	SPLP East	Solid	6020	411348
400-158570-4	MWC-8R-57	SPLP East	Solid	6020	411348
400-158570-5	MWC-5DR-58	SPLP East	Solid	6020	411348
400-158570-7	MWC-5DR-94	SPLP East	Solid	6020	411348
LB 400-411121/1-B ^5	Method Blank	SPLP East	Solid	6020	411348
LCS 400-411348/2-A ^5	Lab Control Sample	Total/NA	Solid	6020	411348
400-158570-1 MS	MW-D-35	SPLP East	Solid	6020	411348
400-158570-1 MSD	MW-D-35	SPLP East	Solid	6020	411348

Analysis Batch: 411858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-158570-11	MWP-11R-45	SPLP East	Solid	6020	411476
400-158570-12	MWP-11R-65	SPLP East	Solid	6020	411476
400-158570-14	EXB-02-72	SPLP East	Solid	6020	411476
400-158570-14 - DL	EXB-02-72	SPLP East	Solid	6020	411476
400-158570-15	MW-3D(MWI-1)-60	SPLP East	Solid	6020	411476
400-158570-16	MW-4D(MWI-2)-48	SPLP East	Solid	6020	411476
400-158570-17	MWC-7R-30	SPLP East	Solid	6020	411476
400-158570-18	MWC-7R-62	SPLP East	Solid	6020	411476
400-158570-19	GE-4DR-52	SPLP East	Solid	6020	411476
LB 400-411276/1-B ^5	Method Blank	SPLP East	Solid	6020	411476
LCS 400-411476/2-A ^5	Lab Control Sample	Total/NA	Solid	6020	411476
400-158570-11 MS	MWP-11R-45	SPLP East	Solid	6020	411476
400-158570-11 MSD	MWP-11R-45	SPLP East	Solid	6020	411476

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: LCS 400-411348/2-A ^5
Matrix: Solid
Analysis Batch: 411740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.0500	0.05312		mg/L		106	80 - 120
Molybdenum	0.0500	0.04734		mg/L		95	80 - 120

Lab Sample ID: LCS 400-411476/2-A ^5
Matrix: Solid
Analysis Batch: 411858

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.0500	0.04517		mg/L		90	80 - 120
Molybdenum	0.0500	0.04077		mg/L		82	80 - 120

Lab Sample ID: LB 400-411121/1-B ^5
Matrix: Solid
Analysis Batch: 411740

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 411348

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/13/18 08:14	09/13/18 19:34	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/13/18 08:14	09/13/18 19:34	5

Lab Sample ID: 400-158570-1 MS
Matrix: Solid
Analysis Batch: 411740

Client Sample ID: MW-D-35
Prep Type: SPLP East
Prep Batch: 411348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.000400	U	0.0500	0.05307		mg/L		106	75 - 125
Molybdenum	0.000850	U	0.0500	0.04918		mg/L		98	75 - 125

Lab Sample ID: 400-158570-1 MSD
Matrix: Solid
Analysis Batch: 411740

Client Sample ID: MW-D-35
Prep Type: SPLP East
Prep Batch: 411348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	0.000400	U	0.0500	0.05338		mg/L		107	75 - 125	1	20
Molybdenum	0.000850	U	0.0500	0.04899		mg/L		98	75 - 125	0	20

Lab Sample ID: LB 400-411276/1-B ^5
Matrix: Solid
Analysis Batch: 411858

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 411476

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.000400	U	0.00250	0.000400	mg/L		09/14/18 08:03	09/17/18 13:56	5
Molybdenum	0.000850	U	0.0150	0.000850	mg/L		09/14/18 08:03	09/17/18 13:56	5

Lab Sample ID: 400-158570-11 MS
Matrix: Solid
Analysis Batch: 411858

Client Sample ID: MWP-11R-45
Prep Type: SPLP East
Prep Batch: 411476

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.000400	U	0.0500	0.04569		mg/L		91	75 - 125

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-158570-11 MS
Matrix: Solid
Analysis Batch: 411858

Client Sample ID: MWP-11R-45
Prep Type: SPLP East
Prep Batch: 411476

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Molybdenum	0.000850	U	0.0500	0.04322		mg/L		86	75 - 125

Lab Sample ID: 400-158570-11 MSD
Matrix: Solid
Analysis Batch: 411858

Client Sample ID: MWP-11R-45
Prep Type: SPLP East
Prep Batch: 411476

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	0.000400	U	0.0500	0.04530		mg/L		91	75 - 125	1	20
Molybdenum	0.000850	U	0.0500	0.04182		mg/L		84	75 - 125	3	20

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-158570-2
SDG Number: SPLP

Login Number: 158570
List Number: 1
Creator: Johnson, Jeremy N

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	27.0°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Gulf Power Company
Pro/ectS&ite: Cobalt M d olybhenum

TestAmerica Job ID: 400-158570-j
&DG: &P. P

Laboratory: TestAmerica Pensacola

All accrehitationsSertifications Nelh by tNis laboratory are listehg 6 ot all accrehitationsSertifications are applicable to tNis reportg

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	&tate Pro3ram	4	40150	09-B0-1O
A6 AE	I&2 SLC 170j 5		. j 471	0j -j j -j 0
Arizona	&tate Pro3ram	O	AZ0710	01-1j -1O
Arkansas DLQ	&tate Pro3ram	9	88-098O	0O-01-1O
California	&tate Pro3ram	O	j 510	09-B0-1O
* loriha	6L. AP	4	L81010	09-B0-1O
Geor3ia	&tate Pro3ram	4	L81010 P* . (	09-B0-1O
Illinois	6L. AP	5	j 00041	10-0O-18
Iowa	&tate Pro3ram	7	B97	08-01-18)
Kansas	6L. AP	7	L-10j 5B	10-B1-18
Kentucky FU&T(	&tate Pro3ram	4	5B	09-B0-1O
Kentucky FWW(	&tate Pro3ram	4	C80B0	1j -B1-18
. ouisiana	6L. AP	9	B0C79	09-B0-1O
. ouisiana FDW(	6L. AP	9	. A170005	1j -B1-18
d arylanh	&tate Pro3ram	B	j BB	0O-B0-1O
d assacNusetts	&tate Pro3ram	1	d -* . 0O4	09-B0-1O
d icN3an	&tate Pro3ram	5	CO1j	09-B0-1O
6 ew Jersey	6L. AP	j	* . 009	09-B0-1O
6 ortN Carolina FWWS&W(	&tate Pro3ram	4	B14	1j -B1-18
2 klaNoma	&tate Pro3ram	9	C810	08-B1-1O
Pennsylvania	6L. AP	B	98-00497	01-B1-1O
RNohe Islanh	&tate Pro3ram	1	. A2 00B07	1j -B0-18
&outN Carolina	&tate Pro3ram	4	C90j 9	09-B0-18)
Tennessee	&tate Pro3ram	4	T6 0j C07	09-B0-1O
Texas	6L. AP	9	T104704j 89-18-14	0O-B0-18
U& * isN M Wilhlife	* eheral		. L058448-0	07-B1-1O
U&DA	* eheral		PBB0-18-00148	05-17-j 1
Vir3inia	6L. AP	B	490199	09-14-1O
WasNin3ton	&tate Pro3ram	10	CO15	05-15-1O
West Vir3inia DLP	&tate Pro3ram	B	1B9	09-B0-1O

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