Prepared for

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2021 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

FLORIDA POWER & LIGHT COMPANY, GULF CLEAN ENERGY CENTER GYPSUM STORAGE AREA

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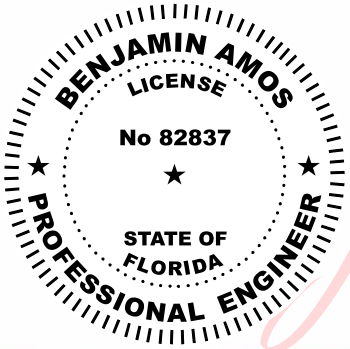
CERTIFICATION STATEMENT

This *2021 Annual Groundwater Monitoring and Corrective Action Report, Florida Power & Light Company – Gulf Clean Energy Center – Gypsum Storage Area* 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 ("CFR") Part 257, Subpart D) ("CCR Rule"), this *2021 Annual Groundwater Monitoring and Corrective Action Report* documents CCR groundwater monitoring and remedial evaluation activities completed in 2021 at the Florida Power & Light Company's ("FPL", formerly Gulf Power Company) Gulf Clean Energy Center ("GCEC", formerly Plant Crist) Gypsum Storage Area ("GSA").

FPL installed a CCR groundwater monitoring well network to monitor groundwater within the uppermost aquifer in the vicinity of the GSA. Based on potentiometric data, select CCR network wells (i.e., MW-202, MW-203, MW-204, and MW-205) were reclassified in 2019 as upgradient wells. Monitoring wells in the GSA 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-200, MW-201, and MW-206; and
- upgradient wells: MW-202, MW-203, MW-204, and MW-205.

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 relative to background. In accordance with the CCR Rule, FPL initiated an assessment monitoring program for the GSA in March 2018 and continued assessment monitoring activities for the GSA through 2021. Semi-annual assessment monitoring groundwater sample collection events for all CCR Rule Appendix III and Appendix IV constituents were conducted in March and September 2021.

In 2021, analytical data from the March and September 2021 groundwater sampling events were analyzed in accordance with the *Statistical Analysis Plan*. Statistical analysis of the March and September 2021 data indicated SSIs of the following CCR Rule Appendix III constituents relative to background levels: boron, calcium, chloride, fluoride, sulfate, total dissolved solids ("TDS"), and pH (September 2021 only). Statistical analysis of 2021 data indicated statistically significant levels ("SSLs") of total radium above its groundwater protection standard ("GWPS") in MW-200, MW-201, and MW-206. In 2019, groundwater characterization activities were implemented to evaluate the nature and extent of total radium downgradient of the GSA. Delineation activities

were essentially completed in 2019. In June 2020, FPL completed an *Alternate Source Demonstration* ("ASD"), which documents that naturally occurring sources of radionuclides contribute to elevated activities of total radium observed in wells around the GSA CCR unit. The ASD indicates that the natural variation in groundwater quality contributes to the elevated activities of total radium downgradient of the GSA CCR unit. As such, delineation activities around the GSA are now considered functionally complete.

FPL initiated an assessment of corrective measures ("ACM") in January 2019. The *Assessment of Corrective Measures Report* was completed in June 2019. A public meeting was held in December 2019 to discuss the ACM. The GSA is currently inactive following the facility ceasing coal fired operations in late 2020. In 2020, FPL initiated an evaluation of methods for closure of the GSA. FPL is currently conducting an engineering design evaluation for closure by removal, as documented in the October 15, 2021 *Closure Plan – Revision 01*. Additional evaluation regarding the long-term management strategy of the GSA and remedy selection is ongoing.

FPL continued to operate the existing groundwater extraction system in 2021 as a temporary corrective measure for the GSA CCR unit. This system was installed in accordance with Consent Order OGC No. 16-1250 between Gulf Power and the Florida Department of Environmental Protection ("FDEP"), which has subsequently been closed. FPL will continue to operate the groundwater extraction system in 2022.

In 2022, the GSA will remain in assessment monitoring.

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1.0 INTRODUCTION

1.1 Overview

On behalf of the Florida Power & Light Company ("FPL", formerly Gulf Power Company), Geosyntec Consultants, Inc. ("Geosyntec") has prepared this *2021 Annual Groundwater Monitoring and Corrective Action Report* for FPL's Gulf Clean Energy Center ("GCEC", formerly Plant Crist) CCR unit Gypsum Storage Area ("GSA"). The purpose of this report is to present a summary of the CCR groundwater activities conducted at the GSA in 2021. This report has been prepared in accordance with the annual reporting requirements of the CCR Rule, 40 CFR Section 257.90(e).

GCEC ("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. The GSA is located on the eastern portion of the property.

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 GSA CCR Unit and Groundwater Monitoring System Descriptions

The GSA is a gypsum storage pond occupying approximately 14.3 acres, that has been inactive since ceasing of coal-fired operations in December 2020. The pond bottom is constructed of an engineered composite liner consisting of 60-mil high-density polyethylene ("HDPE") underlain by a geosynthetic liner. Gypsum, process water, and stormwater were conveyed to the GSA. Decant water from the GSA is managed through gravity feed pipes to two associated ponds – the Process Sedimentation Pond (or Reuse Pond) and the Process Return Water Pond. In 2020, FPL initiated an evaluation of methods for closure of the GSA. FPL is currently conducting an engineering design evaluation for closure by removal, as documented in the October 15, 2021 *Closure Plan – Revision 01* (Golder, 2021).

Pursuant to the CCR Rule, FPL installed a CCR groundwater monitoring well network around the GSA 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 of the GSA.

In the *2018 Annual Groundwater Monitoring and Corrective Action Report* (Geosyntec, 2019a) and prior documents, monitoring wells MW-202, MW-203, MW-204, and MW-205 were included as downgradient wells based on suspected radial groundwater flow from the GSA. However, groundwater monitoring events have consistently demonstrated that groundwater near the GSA flows toward the northeast without observed radial flow from the GSA. Therefore, monitoring wells MW-202, MW-203, MW-204 and MW-205

are hydraulically upgradient of the GSA and were reclassified as upgradient monitoring wells. Monitoring wells in the GSA groundwater monitoring network include:

- background wells: MW-100, MW-101, MW-107, MW-108, MW-306, and MW-307;
- downgradient wells: MW-200, MW-201, and MW-206, and
- upgradient wells: MW-202, MW-203, MW-204, and MW-205.

In 2021, FPL sampled the following wells/piezometers around the GSA to monitor the nature and extent of identified SSLs for CCR Rule Appendix IV constituents:

- wells: GE-1D/MW-2032 and GSA-2S; and
- piezometers: PZ-200S, PZ-200D, PZ-201D, and PZ-203D.

Monitoring well details, including installation dates, coordinates, elevations, screen intervals, and designations are summarized in **Table 1**. The CCR groundwater monitoring and delineation well networks for the GSA are depicted in **Figure 2**.

1.4 Groundwater Corrective Action

As reported by SC (2018), and pursuant to Consent Order OGC No. 16-1250 ("Consent Order"), which has subsequently been closed between Gulf Power and the FDEP, a groundwater pump and treat system was installed downgradient of the GSA to promote the removal of groundwater impacts resulting from an unpermitted discharge from GSA-related infrastructure (SC, 2018). Extracted groundwater is treated on-Site and disposed through permitted deep injection wells. As reported in the June 2021 *Remedy Selection Semi-Annual Progress Report* (Geosyntec, 2021b), the groundwater extraction and treatment system transitioned in 2020 to serve as a temporary corrective measure for the GSA CCR unit while remedy selection continues. FPL continued to operate, as conditions allowed, the existing groundwater extraction system in 2021. FPL will continue to operate the groundwater extraction and conveyance system as a temporary remedial measure in 2022.

2.0 GROUNDWATER MONITORING ACTIVITIES

The following section describes CCR groundwater monitoring-related activities performed during 2021.

2.1 Monitoring Well Installation and Maintenance

Monitoring well installation activities were completed for the GSA in 2015 and 2016 (SC, 2018). Construction information for the piezometers installed in 2019 is provided in **Table 1** and locations are shown in **Figure 2**. No additional monitoring wells were installed in 2021.

2.2 Semi-Annual Assessment Monitoring Events

Semi-annual assessment monitoring events were conducted in March and September 2021. During the 2021 semi-annual assessment monitoring events, groundwater samples were collected from each GSA monitoring and delineation well/piezometer shown on **Figure 2** and analyzed for CCR Rule Appendix III and Appendix IV constituents. A summary of groundwater sample collection events completed in 2021 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**.

3.0 SAMPLE METHODOLOGY

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

3.1 Groundwater Elevation Measurement

Prior to each CCR sample collection event, the depth to groundwater was recorded at each CCR groundwater monitoring well network and delineation well/piezometer. 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 event are presented in **Figures 3** and **4**.

As illustrated on the March 2021 and September 2021 potentiometric surface maps (**Figures 3** and **4**), the general direction of groundwater flow near the GSA is to the north-northeast. The groundwater flow patterns observed at the GSA during the March 2021 and September 2021 assessment monitoring events are generally consistent with observations from 2020 (Geosyntec, 2021a).

3.2 Groundwater Sampling

Groundwater samples were collected in general accordance with FDEP Standard Operating Procedures FS2200 (FDEP, 2017) and the CCR Rule. SmarTroll™ and AquaTroll™ (In-Situ field instruments) were used to monitor and record field water quality parameters (pH, conductivity, and dissolved oxygen) during well purging to evaluate stabilization prior to sampling. Turbidity was measured using a portable Hach™ 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 both 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 maintains 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**.

3.5 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 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 the March 2021 and September 2021 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 2021. As stated in Sections 1.3 and 3.3, monitoring wells MW-202, MW-203, MW-204 and MW-205 were reclassified as upgradient wells and are no longer considered to be downgradient of the GSA. Therefore, data from these wells were not included in the statistical analyses for 2021.

4.1 Statistical Method

Statistical analysis of CCR Rule Appendix III and Appendix IV constituents was performed on groundwater monitoring data collected during the March 2021, and September 2021 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 CCR groundwater data was performed using the Sanitas™ v.9.6.28 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 Appendix III constituents: boron, calcium, chloride, fluoride, sulfate, and 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 a 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 compare the most recent sample to background levels within the same well. The 1-of-2 resample strategy allows for collection of a verification sample when SSIs are identified. If the

most recent sample 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, GWPSs for Appendix IV constituents were established and are presented in **Table 5**.

To evaluate 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 (**Table 5**). 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 reports for the March 2021 and September 2021 semi-annual assessment monitoring events provided in **Appendices B** and **C**, respectively.

4.2 Statistical Analyses Results

Analytical data from the March 2021 and September 2021 semi-annual assessment monitoring events were analyzed in accordance with the SAP. Appendix III statistical analysis was performed to evaluate if constituent concentrations in groundwater were consistent with background levels. 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 March 2021 and September 2021 semi-annual assessment monitoring events differed from background levels. SSIs were identified for the following constituents in March and September 2021: boron, calcium, chloride, fluoride, sulfate, TDS, and pH (September 2021 only). As such, assessment monitoring will continue in 2022.

4.2.2 Appendix IV Constituent Statistical Results

Based on the statistical analysis of Appendix IV constituents, total radium SSLs were identified at the following locations in 2021: MW-200, MW-201, and MW-206.

As stated in Sections 1.3 and 3.3, monitoring wells MW-203 and MW-204 were reclassified as upgradient monitoring wells. Accordingly, previously detected SSLs for

total radium in MW-203 and MW-204 and cobalt in MW-204 are not reflective of downgradient conditions or indicative of impacts to groundwater from the GSA. FPL will continue to monitor these wells in accordance with the CCR Rule to evaluate potential upgradient sources of Appendix IV constituents coming into the GSA.

5.0 ALTERNATE SOURCE DEMONSTRATION AND DELINEATION SAMPLING

In accordance with the CCR Rule, FPL continued to evaluate the nature and extent of total radium downgradient of the GSA. To assist with this evaluation, an analysis of the source of total radium in the vicinity of MW-200, MW-201, and MW-206 was completed and documented in the June 2020 *Alternate Source Demonstration* (Geosyntec, 2020a). Conclusions from the total radium ASD were used to evaluate the delineation of total radium.

5.1 Alternate Source Demonstration

Key conclusions of the ASD are briefly summarized below:

- Naturally-occurring uranium and thorium, both of which are parent radionuclides for radium, are present in Site soils as documented by LBG-Guyton (LBG-Guyton, 1998) and further supported by results of soil analysis presented in the ASD. The presence of uranium and thorium indicate the potential for a naturally-occurring source of total radium that may contribute to elevated activities of total radium observed in groundwater downgradient of the GSA CCR unit.
- Total radium can be leached from Site soils at activities higher than the GWPS of 5 picocuries per liter ("pCi/L") when in contact with Site groundwater as evidenced by leaching tests conducted by LBG-Guyton and supported by additional leaching tests documented in the ASD. The contribution of naturally-occurring sources of radionuclides to total radium activities in groundwater was calculated to be in the range of 2.9 to 16.1 pCi/L.
- Total radium (up to 16.5 pCi/L) is present at activities higher than the GWPS of 5 pCi/L in monitoring wells and/or sample locations hydraulically disconnected from the GSA CCR unit (i.e., upgradient and side-gradient of the GSA CCR unit). In addition, the ratio of radium-226 and radium-228 is consistent with the ratio of their parent nuclides observed in Site soil, suggesting a natural source of total radium in Site groundwater.

The ASD indicates that natural variation in groundwater quality contributes to the elevated activities of total radium downgradient of the CCR unit.

5.2 Delineation Sampling

To delineate the nature and extent of total radium at the GSA, samples were collected during the semi-annual assessment monitoring events as described below:

- To delineate the horizontal and vertical extent of total radium at MW-200, FPL sampled PZ-200S and PZ-200D, respectively.
- To delineate the horizontal and vertical extent of total radium at MW-201, FPL sampled GSA-2S and PZ-201D, respectively.
- To delineate the horizontal and vertical extent of total radium at MW-206, FPL sampled GSA-2S and MW2032/GE-1D, respectively.

Results from delineation activities performed during semi-annual monitoring events in 2021 were generally consistent with those reported previously (Geosyntec, 2019a, Geosyntec, 2020b, Geosyntec, 2021a).

The activity of total radium in both horizontal and vertical delineation wells has generally been below the GWPS of 5 pCi/L, except at horizontal delineation wells PZ-200S (downgradient of MW-200) and GSA-2S (downgradient of MW-201 and MW-206). The average activity of total radium in samples collected from PZ-200S between June 2019 and September 2021 is 7.2 pCi/L, with a standard deviation of 3.2 pCi/L. Although the activity of total radium in some samples exceeds the GWPS, the average activity of total radium at PZ-200S is within the naturally-occurring range documented in the ASD (Geosyntec, 2020a).

Similarly, the average activity of total radium in samples collected from GSA-2S between June 2019 and September 2021, is 8.4 pCi/L, with a standard deviation of 5.3 pCi/L. Although the activity of total radium in some samples exceeds the GWPS, the average activity of total radium at PZ-200S is within the naturally-occurring range documented in the ASD (Geosyntec, 2020a). FPL will continue to monitor the total radium activity in GSA-2S.

Based on samples collected to date and conclusions presented in the ASD, horizontal delineation has been essentially completed at the GSA.

6.0 CONCLUSIONS AND FUTURE ACTIONS

In accordance with the CCR Rule, FPL continued implementation of assessment monitoring in 2021. Statistical analysis identified SSLs of total radium downgradient of the GSA. Characterization activities were implemented to evaluate the nature and extent of total radium downgradient of the GSA. Delineation activities were essentially completed in 2019. An ASD completed in 2020 documents that naturally occurring sources of radionuclides contribute to the elevated activities of total radium observed in wells around the GSA CCR unit. As such, delineation activities around the GSA are now considered essentially complete.

An ACM was initiated in January 2019 and completed in June 2019 (Geosyntec, 2019b). A public meeting was held in December 2019 to discuss the ACM. Corrective measures evaluation and remedy selection is ongoing, as documented in the June and December 2021 *Remedy Selection Semi-Annual Progress Reports* (Geosyntec 2021b; Geosyntec, 2021c). Groundwater remedy evaluation activities included assessing temporal constituent concentration trends. The GSA is currently inactive following the facility ceasing coal fired operations in late 2020. In 2020, FPL initiated an evaluation of methods for closure of the GSA. FPL is currently conducting an engineering design evaluation for closure by removal, as documented in the October 15, 2021 *Closure Plan – Revision 01* (Golder, 2021).

Assessment monitoring will continue in 2022. Additionally, FPL will continue to operate the existing groundwater pump and treat system in 2022 to promote the removal of impacted groundwater downgradient of the GSA.

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TABLES

TABLE 1: GROUNDWATER MONITORING LOCATION DETAILS
Gulf Power Company - Gulf Clean Energy Center Gypsum Storage Area, Pensacola, Florida

Monitoring Location	Installation Date	Northing	Easting	Ground Elevation	Top of Casing Elevation	Top of Screen Elevation	Bottom of Screen Elevation	Designation
Gypsum Storage Area - CCR Groundwater Monitoring Network								
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	105.10	108.00	-1.90	-11.90	Background
MW-107	11/17/2015	577201.66	1107442.83	111.40	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-200	11/11/2015	581703.17	1108041.01	17.20	20.13	-2.80	-12.80	Downgradient
MW-201	11/11/2015	581138.29	1108637.91	52.45	52.12	3.15	-6.85	Downgradient
MW-202	11/10/2015	580559.03	1109045.35	55.80	55.45	6.30	-3.70	Upgradient
MW-203	11/9/2015	580100.37	1108497.51	47.46	50.60	-2.54	-12.54	Upgradient
MW-204	11/9/2015	580325.06	1107978.45	16.43	19.47	-3.57	-13.57	Upgradient
MW-205	11/17/2015	581076.41	1107907.46	17.31	20.28	-2.69	-12.69	Upgradient
MW-206	2/9/2016	581888.48	1108613.37	26.25	29.11	1.25	-8.75	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
Groundwater Monitoring Locations for Delineation								
PZ-200S	2/5/2019	581853.34	1108016.45	5.09	8.31	-19.83	-24.83	Delineation
GSA-2S	4/13/2017	582073.8	1108707.19	21.03	24.00	-20.97	-30.97	Delineation
PZ-201D	2/6/2019	581161.53	1108641.12	52.02	52.00	-131.98	-136.98	Delineation
MW-2032/GE-1D	6/24/2009	581996.86	1108509.35	18.94	20.77	-77.06	-82.06	Delineation
PZ-200D	1/29/2019	581775.39	1108002.66	8.89	12.03	-129.11	-139.11	Delineation
PZ-203D	7/15/2019	580127.2	1108145.63	12.36	15.44	-178.56	-183.56	Delineation

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 CCR Unit.

TABLE 2: SUMMARY OF 2021 GROUNDWATER SAMPLING EVENTS
Florida Power & Light Company - Gulf Clean Energy Center Gypsum Storage Area, Pensacola, Florida

Well Name	Semi-Annual Assessment Monitoring Event 1	Semi-Annual Assessment Monitoring Event 2
Gypsum Storage Area - CCR Groundwater Monitoring Network		
MW-100	3/29/2021	9/2/2021
MW-101	3/29/2021	9/2/2021
MW-107	3/29/2021	9/2/2021
MW-108	3/30/2021	9/2/2021
MW-200	4/1/2021	9/8/2021
MW-201	4/1/2021	9/8/2021
MW-202	4/1/2021	9/8/2021
MW-203	4/1/2021	9/8/2021
MW-204	4/1/2021	9/8/2021
MW-205	4/1/2021	9/8/2021
MW-206	4/1/2021	9/8/2021
MW-306	3/29/2021	9/2/2021
MW-307	3/29/2021	9/2/2021
Groundwater Monitoring Locations for Delineation		
PZ-200S	4/2/2021	9/9/2021
GSA-2S	4/2/2021	9/9/2021
PZ-201D	4/2/2021	9/9/2021
MW-2032/GE-1D	4/2/2021	9/9/2021
PZ-200D	4/2/2021	9/9/2021
PZ-203D	4/2/2021	9/8/2021

Notes:

1. Both assessment monitoring events include groundwater samples analyzed for CCR Rule Appendix III and Appendix IV constituents.

TABLE 3: SUMMARY OF 2021 GROUNDWATER LABORATORY ANALYTICAL DATA
Florida Power & Light Company - Gulf Clean Energy Center Gypsum Storage Area, Pensacola, Florida

Monitoring Well	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)
Semi-Annual Assessment Monitoring Event 1																							
MW-100	Background	3/29/2021	0.0015 U	0.00039 U	0.019	0.00017 U	0.018 U	0.00028 U	1.0	10	0.0010 U	0.00059 I	1.72	0.060 I V	0.00029 U	0.0019 U	0.000070 U	0.0045 U	4.79	0.00082 U	1.4 U	38	0.00012 U
MW-101	Background	3/29/2021	0.0015 U	0.00078 I	0.0097	0.00017 U	0.018 U	0.00028 U	0.43	5.8	0.0024 I	0.00056 U	0.561	0.032 U	0.00029 U	0.0019 I	0.000070 U	0.0045 U	4.92	0.00082 U	1.4 U	26	0.00012 U
MW-107	Background	3/29/2021	0.0015 U	0.00039 U	0.011	0.00017 U	0.018 U	0.00028 U	0.46	5.2	0.0010 U	0.00056 U	0.708	0.032 U	0.00029 U	0.0019 U	0.000070 U	0.0045 U	4.89	0.00082 U	1.4 U	12	0.00012 U
MW-108	Background	3/30/2021	0.0015 U	0.00054 I	0.011	0.00017 U	0.018 U	0.00028 U	1.6	5.0	0.0010 U	0.00056 U	1.71	0.032 U	0.00029 U	0.0019 U	0.000070 U	0.0045 U	4.80	0.00082 U	2.3 I	28	0.00012 U
MW-306	Background	3/29/2021	0.0015 U	0.00039 U	0.013	0.00017 U	0.018 U	0.00028 U	0.68	6.2	0.0010 U	0.00056 U	0.899	0.032 U	0.00029 U	0.0019 U	0.000070 U	0.0045 U	4.93	0.00082 U	1.4 U	42	0.00012 U
MW-307	Background	3/29/2021	0.0015 U	0.00042 I	0.017	0.00017 U	0.018 U	0.00028 U	0.75	5.4	0.0010 U	0.00062 I	0.642	0.032 U	0.00029 U	0.0042 I	0.000070 U	0.0045 U	5.46	0.00082 U	1.4 U	40	0.00012 U
MW-200	Downgradient	4/1/2021	0.0015 U	0.00039 U	0.031	0.00017 U	2.9	0.0012 I	75	130	0.0010 U	0.0013 I	5.51	0.070 I V	0.00058 I	0.0019 U	0.00025	0.0045 U	5.06	0.0042	84	640	0.00012 U
MW-201	Downgradient	4/1/2021	0.0015 U	0.00039 U	0.055	0.00017 U	4.0	0.0012 I	75	140	0.0018 I	0.0012 I	9.55	0.50 J3	0.00057 I	0.0050 V	0.00029	0.0045 U	4.52	0.0036	110	650	0.00012 I
MW-202	Upgradient	4/1/2021	0.0015 U	0.00039 U	0.022	0.00017 U	0.085	0.00056 I V	7.0	13	0.0010 U	0.00095 I	1.23	0.090 I	0.00029 U	0.0019 U	0.000070 I	0.0045 U	4.84	0.00082 U	19	110	0.00012 U
MW-203	Upgradient	4/1/2021	0.0015 U	0.00080 I	0.021	0.00017 U	0.73	0.00028 U	35	21	0.0010 U	0.00062 I	3.88	0.032 U	0.00029 U	0.0052 V	0.000070 U	0.0045 U	5.29	0.0016	80	260	0.00012 U
MW-204	Upgradient	4/1/2021	0.0015 U	0.0078 U	0.025	0.00042 I	5.0	0.00028 U	60	98	0.0010 U	0.011	13.4	0.21	0.0017	0.0052 V	0.000070 U	0.0045 U	4.31	0.0039	310	660	0.00024 I
MW-205	Upgradient	4/1/2021	0.0015 U	0.00046 I	0.059	0.00017 U	1.2	0.00028 U	31	32	0.0010 U	0.0022 I	3.20	0.050 I	0.00060 I	0.0031 I V	0.000070 U	0.0045 U	4.80	0.0018	120	250	0.00012 U
MW-206	Downgradient	4/1/2021	0.0015 U	0.00064 I V	0.051	0.00017 U	19	0.00065 I	290	510	0.0010 U	0.0020 I	9.30	0.070 I J3	0.00076 I	0.0029 I V	0.000070 U	0.0045 U	4.59	0.0080	200	2300	0.00020 I
PZ-200S	Delineation	4/2/2021	0.0015 U	0.00079 I	0.038	0.00017 U	3.2	0.00028 U	60	110	0.0010 U	0.0012 I	3.42	0.032 U J3	0.00029 U	0.0038 I	0.000070 U	0.0045 U	4.70	0.0015	59	480	0.00012 U
GSA-2S	Delineation	4/2/2021	0.0015 U	0.00039 U	0.097	0.00017 U	9.0	0.00031 I	170	340	0.0010 U	0.0017 I	18.4	0.070 I J3	0.0012 I	0.0025 I	0.000070 U	0.0045 U	4.21	0.0053	140	1200	0.00012 U
PZ-200D	Delineation	4/2/2021	0.0015 U	0.00055 I	0.030	0.00017 U	0.044 I	0.00030 I	4.3	4.0	0.0010 U	0.00056 U	0.671	0.080 I J3	0.00029 I	0.0019 U	0.000070 U	0.0045 U	6.43	0.00082 U	6.7	82	0.00012 U
PZ-201D	Delineation	4/2/2021	0.0015 U	0.00039 U	0.056	0.00017 U	0.032 I	0.00028 U	6.4	4.2	0.0010 U	0.00056 U	0.654	0.050 I J3	0.00029 U	0.012	0.000070 U	0.0045 U	6.79	0.00082 U	1.4 U	64	0.00012 U
MW-2032/GE-1D	Delineation	4/2/2021	0.0015 U	0.00072 I	0.052	0.00017 U	0.041 I	0.00028 U	77	140	0.0028	0.0014 I	0.969	0.032 U J3	0.00029 U	0.0081	0.000070 U	0.0045 U	6.32	0.00082 U	2.3 I	510	0.00012 U
PZ-203D	Delineation	4/2/2021	0.0015 U	0.0014	0.016	0.00017 U	0.026 I	0.00028 U	2.6	4.3	0.0010 U	0.00056 U	0.272 U	0.032 U J3	0.00029 U	0.015	0.000070 U	0.0045 U	6.67	0.00082 U	3.2 I	54	0.00012 U
Semi-Annual Assessment Monitoring Event 2																							
MW-100	Background	9/2/2021	0.0015 U	0.00059 I	0.020	0.00017 U	0.021 I	0.00028 U	1.1	5.8	0.0014 I	0.00069 I	1.65	0.080 I	0.00029 U	0.0019 U	0.00015 U	0.0045 U	4.81	0.00082 U	1.4 U	40	0.00015 I
MW-101	Background	9/2/2021	0.0015 U	0.00039 U	0.0089	0.00017 U	0.018 U	0.00028 U	0.63	5.1	0.0010 U	0.00056 U	0.975	0.040 I	0.00029 U	0.0019 U	0.00015 U	0.0045 U	5.07	0.00082 U	1.4 U	8.0	0.00012 U
MW-107	Background	9/2/2021	0.0015 U	0.00039 U	0.012	0.00017 U	0.018 I	0.00028 U	0.47	5.1	0.0010 U	0.00056 U	1.75	0.10	0.00029 U	0.0019 U	0.00015 U	0.0045 U	4.87	0.00082 U	1.4 U	10	0.00012 U
MW-108	Background	9/2/2021	0.0015 U	0.00039 U	0.011	0.00017 U	0.022 I	0.00028 U	1.5	5.2	0.0010 U	0.00056 U	2.13	0.032 U	0.00029 U	0.0019 U	0.00015 U	0.0045 U	4.77	0.00082 U	4.7 I	8.0	0.00012 U
MW-306	Background	9/2/2021	0.0015 U	0.00039 U	0.012	0.00017 U	0.018 U	0.00028 U	0.56	5.9	0.0010 U	0.00056 U	0.856	0.032 U	0.00029 U	0.0019 U	0.00015 U	0.0045 U	4.94	0.00082 U	1.4 U	10	0.00012 U
MW-307	Background	9/2/2021	0.0015 U	0.00039 U	0.017	0.00017 U	0.018 U	0.00028 U	0.73	5.1	0.0010 U	0.00069 I	0.951	0.040 I	0.00029 U	0.0019 U	0.00015 U	0.0045 U	5.16	0.00082 U	1.4 U	5.0 U	0.00012 U
MW-200	Downgradient	9/8/2021	0.0015 U	0.00039 U	0.026	0.00017 U	2.1	0.00060 I V	74	100	0.0010 U	0.00061 I	4.54	0.049 I V	0.00029 U	0.0019 U	0.00015 U	0.0045 U	5.21	0.0033	60	480	0.00012 U
MW-201	Downgradient	9/8/2021	0.0015 U	0.00039 U	0.049	0.00017 U	3.8	0.0013 I V	72	130	0.0020 I	0.00071 I	8.42	0.36 V	0.00034 I	0.0033 I V	0.00015 U	0.0045 U	4.63	0.0046	110	550	0.00012 U
MW-202	Upgradient	9/8/2021	0.0015 U	0.00039 U	0.017	0.00017 U	0.067	0.00036 I V	4.4	12	0.0013 I	0.00059 I	1.14	0.041 I V	0.00029 U	0.0036 I V	0.00024	0.0045 U	4.70	0.0011 I	9.1	66	0.00012 U
MW-203	Upgradient	9/8/2021	0.0015 U	0.00078 U	0.017	0.00017 U	0.44	0.00028 U	32	14	0.0014 I	0.00056 U	3.50	0.038 I V	0.00029 U	0.0049 I V	0.00015 U	0.0045 U	5.30	0.0017	61	190	0.00012 U
MW-204	Upgradient	9/8/2021	0.0015 U	0.00039 U	0.021	0.00017 U	4.0	0.00028 U	51	93	0.0010 U	0.0089	10.2	0.22 V	0.0013	0.0019 U	0.00015 U	0.0045 U	4.29	0.0038	250	720	0.00012 U
MW-205	Upgradient	9/8/2021	0.0015 U	0.00039 U	0.048	0.00017 U	0.26	0.00028 U	11	18	0.0010 U	0.00092 I	2.66	0.057 I V	0.00029 U	0.0019 U	0.00015 U	0.0045 U	4.78	0.00085 I	35	170	0.00012 U
MW-206	Downgradient	9/8/2021	0.0015 U	0.00039 U	0.039	0.00017 U	13	0.00044 I V	200	440	0.0010 U	0.0014 I	6.25	0.048 I V	0.00040 I	0.0019 U	0.00015 U	0.0045 U	4.77	0.0059	140	1700	0.00012 U
PZ-200S	Delineation	9/9/2021	0.0015 U	0.00039 U	0.042	0.00017 U	8.0	0.00028 U	140	260	0.0010 U	0.0014 I	6.78	0.032 U	0.00029 U	0.0019 U	0.00030	0.0045 U	5.10	0.0026	120	940	0.00012 U
GSA-2S	Delineation	9/9/2021	0.0015 U	0.00078 U	0.039	0.00017 U	3.6	0.00028 U	76	130	0.0010 U	0.0012 I	7.94	0.070 I V	0.00057 I	0.0019 U	0.00015 U	0.0045 U	4.29	0.0034	59	550	0.00012 U
PZ-200D	Delineation	9/9/2021	0.0015 U	0.00039 U	0.028	0.00017 U	0.045 I	0.00028 U	4.2	4.0	0.0010 U	0.00056 U	0.567	0.037 I V	0.00029 U	0.0019 U	0.00015 U	0.0045 U	6.37	0.00082 U	7.9	62	0.00012 U
PZ-201D	Delineation	9/9/2021	0.0015 U	0.00039 U	0.055	0.00017 U	0.039 I	0.00028 U	8.6	4.3	0.0010 U	0.00056 U	0.568	0.037 I V	0.00029 U	0.019 V	0.00015 U	0.0045 U	6.87	0.00082 U	1.4 U	98	0.00012 U
MW-2032/GE-1D	Delineation	9/9/2021	0.0015 U	0.00039 U	0.064	0.00017 U	0.048 I	0.00028 U	120	220	0.0017 I	0.00061 I	1.85	0.032 U	0.00029 U	0.0067 V	0.00015 U	0.0045 U	6.58	0.00097 I	3.5 I	750	0.00012 U
PZ-203D	Delineation	9/8/2021	0.0015 U	0.00039 U	0.014	0.00017 U	0.018 U	0.00028 U	2.3	3.8	0.0010 U	0.00056 U	0.892	0.032 U	0.00029 U	0.024 V	0.00015 U	0.0045 U	6.29	0.00082 U	4.7 I	38	0.00012 U

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.
5. "I" indicates that the reported value is between laboratory method detection limit and laboratory practical quantitation limit.
6. "J3" indicates that the value is estimated and may not be accurate. Spike recovery is outside of criteria.
7. Data validation was performed on both the semi-annual assessment monitoring events of 2021. Data validation flags are not included in Table 3. Data validation reports are included in Appendix A.
8. Total Radium is defined as the combined concentrations of radium 226 and radium 228.

TABLE 4: SUMMARY OF 2021 GROUNDWATER ELEVATIONS
Florida Power & Light Company - Gulf Clean Energy Center Gypsum Storage Area, Pensacola, Florida

Monitoring Well	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	3/26/2021	90.38	12.65
MW-101	577158.45	1107724.27	108.00	3/26/2021	95.53	12.47
MW-107	577201.66	1107442.83	114.71	3/26/2021	101.47	13.24
MW-108	576208.36	1107577.06	83.54	3/26/2021	69.61	13.93
MW-200	581703.17	1108041.01	20.13	3/26/2021	18.18	1.95
MW-201	581138.29	1108637.91	52.12	3/26/2021	48.66	3.46
MW-202	580559.03	1109045.35	55.45	3/26/2021	51.31	4.14
MW-203	580100.37	1108497.51	50.60	3/26/2021	45.01	5.59
MW-204	580325.06	1107978.45	19.47	3/26/2021	12.97	6.50
MW-205	581076.41	1107907.46	20.28	3/26/2021	15.89	4.39
MW-206	581888.48	1108613.37	29.11	3/26/2021	26.95	2.16
MW-306	578417.11	1106200.44	70.56	3/26/2021	56.20	14.36
MW-307	578209.77	1106865.99	104.18	3/26/2021	90.72	13.46
PZ-200S	581853.34	1108016.45	8.31	3/26/2021	7.06	1.25
GSA-2S	582073.8	1108707.19	24.00	3/26/2021	22.52	1.48
PZ-201D	581161.53	1108641.12	52.00	3/26/2021	44.72	7.28
GE-1D/MW-2032	581996.86	1108509.35	20.77	3/26/2021	17.20	3.57
PZ-200D	581775.39	1108002.66	12.03	3/26/2021	6.26	5.77
PZ-203D	580127.2	1108145.63	15.44	3/26/2021	8.58	6.86

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 2021 GROUNDWATER ELEVATIONS
Florida Power & Light Company - Gulf Clean Energy Center Gypsum Storage Area, Pensacola, Florida

Monitoring Well	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	9/1/2021	88.85	14.18
MW-101	577158.45	1107724.27	108	9/1/2021	94.65	13.35
MW-107	577201.66	1107442.83	114.71	9/1/2021	99.89	14.82
MW-108	576208.36	1107577.06	83.54	9/1/2021	67.72	15.82
MW-200	581703.17	1108041.01	20.13	9/1/2021	16.37	3.76
MW-201	581138.29	1108637.91	52.12	9/1/2021	47.71	4.41
MW-202	580559.03	1109045.35	55.45	9/1/2021	50.51	4.94
MW-203	580100.37	1108497.51	50.6	9/1/2021	44.03	6.57
MW-204	580325.06	1107978.45	19.47	9/1/2021	12.08	7.39
MW-205	581076.41	1107907.46	20.28	9/1/2021	15.32	4.96
MW-206	581888.48	1108613.37	29.11	9/1/2021	25.50	3.61
MW-306	578417.11	1106200.44	70.56	9/1/2021	55.62	14.94
MW-307	578209.77	1106865.99	104.18	9/1/2021	89.10	15.08
PZ-200S	581853.34	1108016.45	8.31	9/1/2021	5.22	3.09
GSA-2S	582073.8	1108707.19	24.00	9/1/2021	21.05	2.95
PZ-201D	581161.53	1108641.12	52.00	9/1/2021	43.90	8.10
GE-1D/MW-2032	581996.86	1108509.35	20.77	9/1/2021	16.20	4.57
PZ-200D	581775.39	1108002.66	12.03	9/1/2021	5.25	6.78
PZ-203D	580127.2	1108145.63	15.44	9/1/2021	7.37	8.07

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

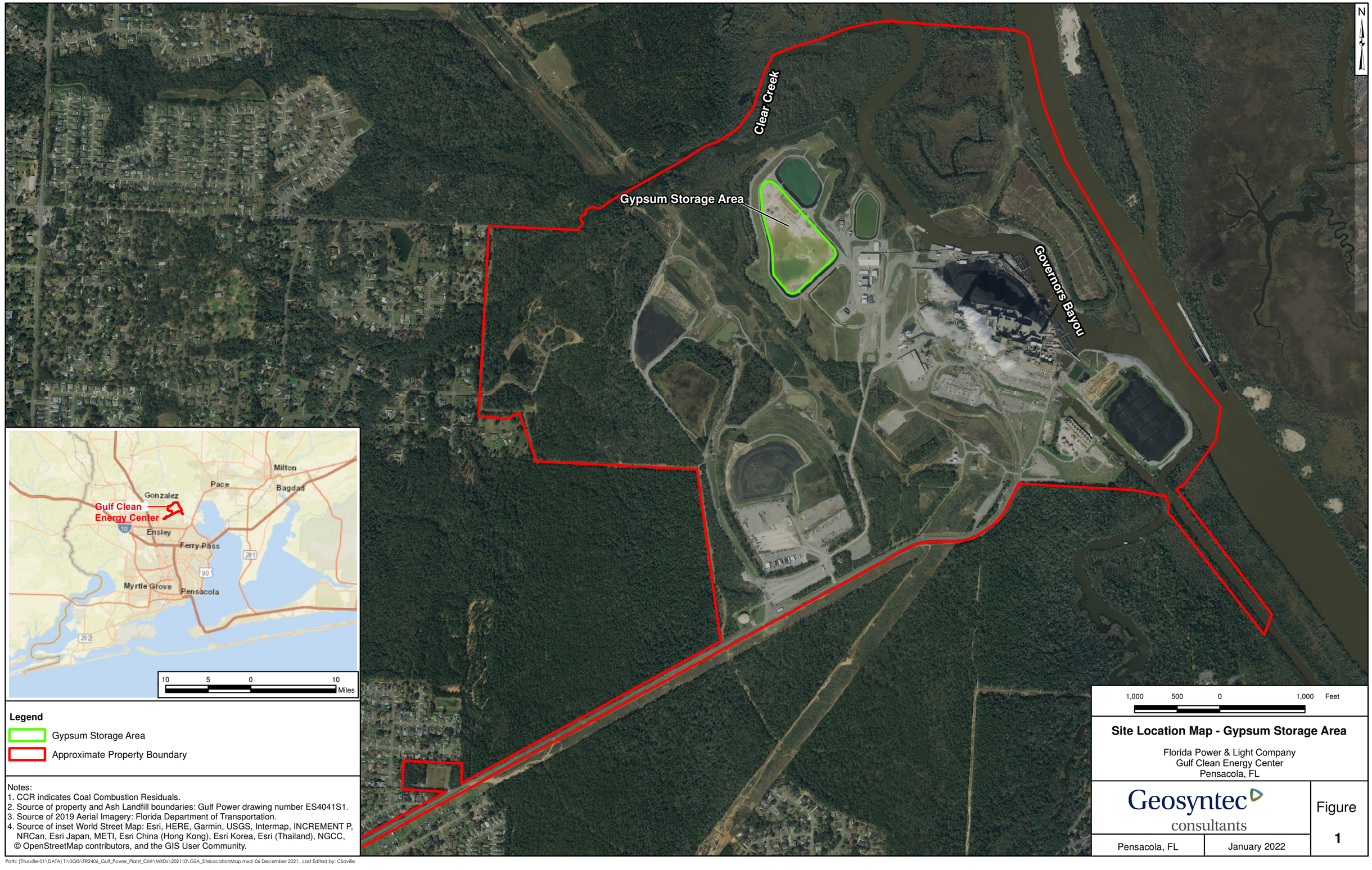
Florida Power & Light Company - Gulf Clean Energy Center Gypsum Storage Area, Pensacola, Florida

Analyte	Units[1]	USEPA CCR Rule Specified Limit[1]	February 2021		September 2021	
			Background[3]	Site-Specific GWPS[1,4]	Background[3]	Site-Specific GWPS[1,4]
Antimony	mg/L	0.006	0.0015	0.006	0.0015	0.006
Arsenic	mg/L	0.01	0.0013	0.01	0.0013	0.01
Barium	mg/L	2	0.023	2	0.023	2
Beryllium	mg/L	0.004	0.0015	0.004	0.0015	0.004
Cadmium	mg/L	0.005	0.0028	0.005	0.0028	0.005
Chromium	mg/L	0.1	0.0059	0.1	0.0059	0.1
Cobalt[2]	mg/L	0.006	0.0032	0.006	0.0032	0.006
Fluoride	mg/L	4	0.12	4	0.12	4
Lead[2]	mg/L	0.015	0.001	0.015	0.001	0.015
Lithium[2]	mg/L	0.04	0.0054	0.04	0.0054	0.04
Mercury	mg/L	0.002	0.00025	0.002	0.00025	0.002
Molybdenum[2]	mg/L	0.1	0.0045	0.1	0.0045	0.1
Selenium	mg/L	0.05	0.0025	0.05	0.0025	0.05
Thallium	mg/L	0.002	0.00012	0.002	0.00015	0.002
Total Radium-226/228[5]	pCi/L	5	2.6	5	2.33	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

- Gypsum Storage Area
- 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 2019 Aerial Imagery: Florida Department of Transportation.
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.

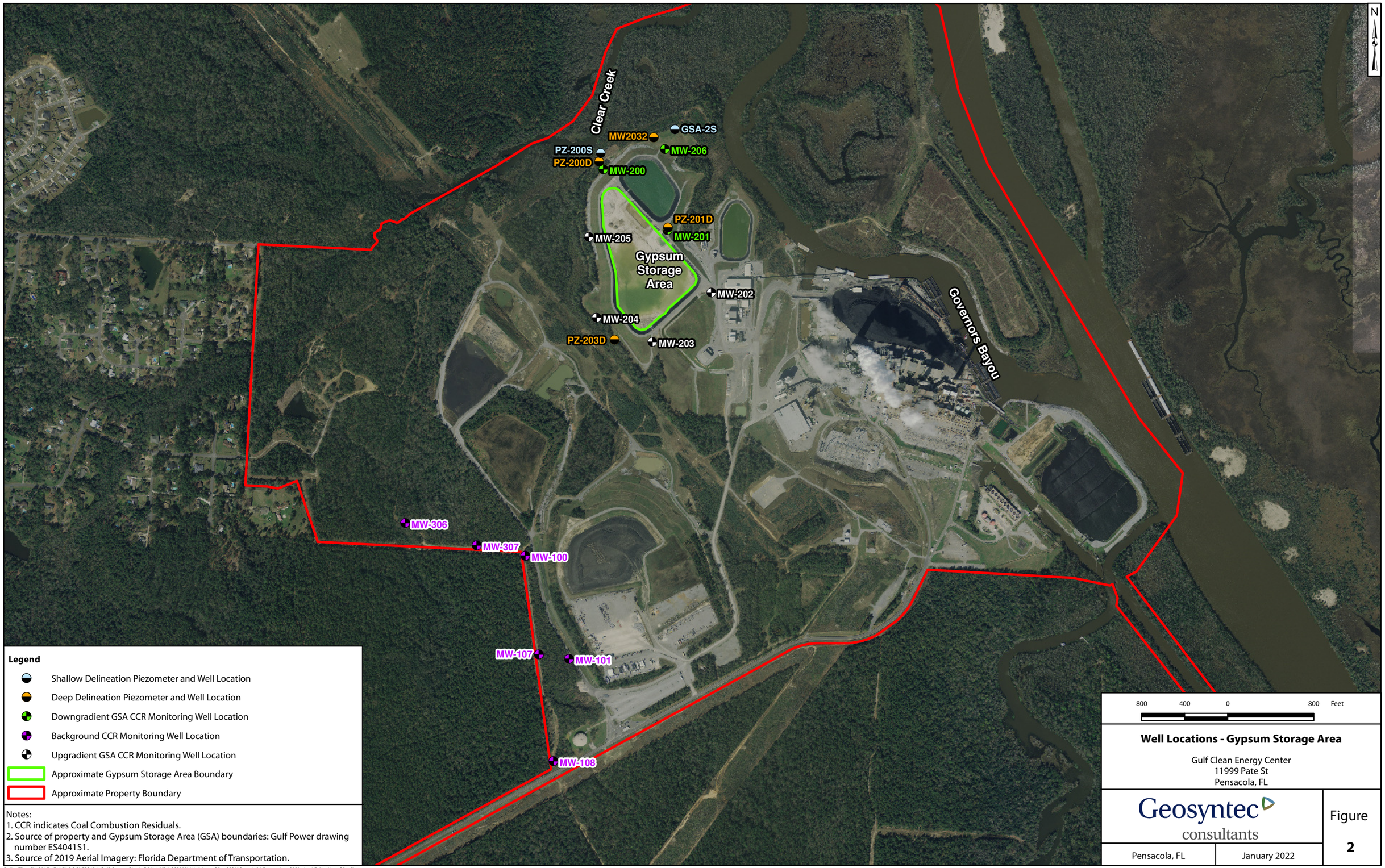
Site Location Map - Gypsum Storage Area

Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2022

Figure 1



Legend

- Shallow Delineation Piezometer and Well Location
- Deep Delineation Piezometer and Well Location
- Downgradient GSA CCR Monitoring Well Location
- Background CCR Monitoring Well Location
- Upgradient GSA CCR Monitoring Well Location
- Approximate Gypsum Storage Area Boundary
- Approximate Property Boundary

Notes:
1. CCR indicates Coal Combustion Residuals.
2. Source of property and Gypsum Storage Area (GSA) boundaries: Gulf Power drawing number ES4041S1.
3. Source of 2019 Aerial Imagery: Florida Department of Transportation.

Well Locations - Gypsum Storage Area

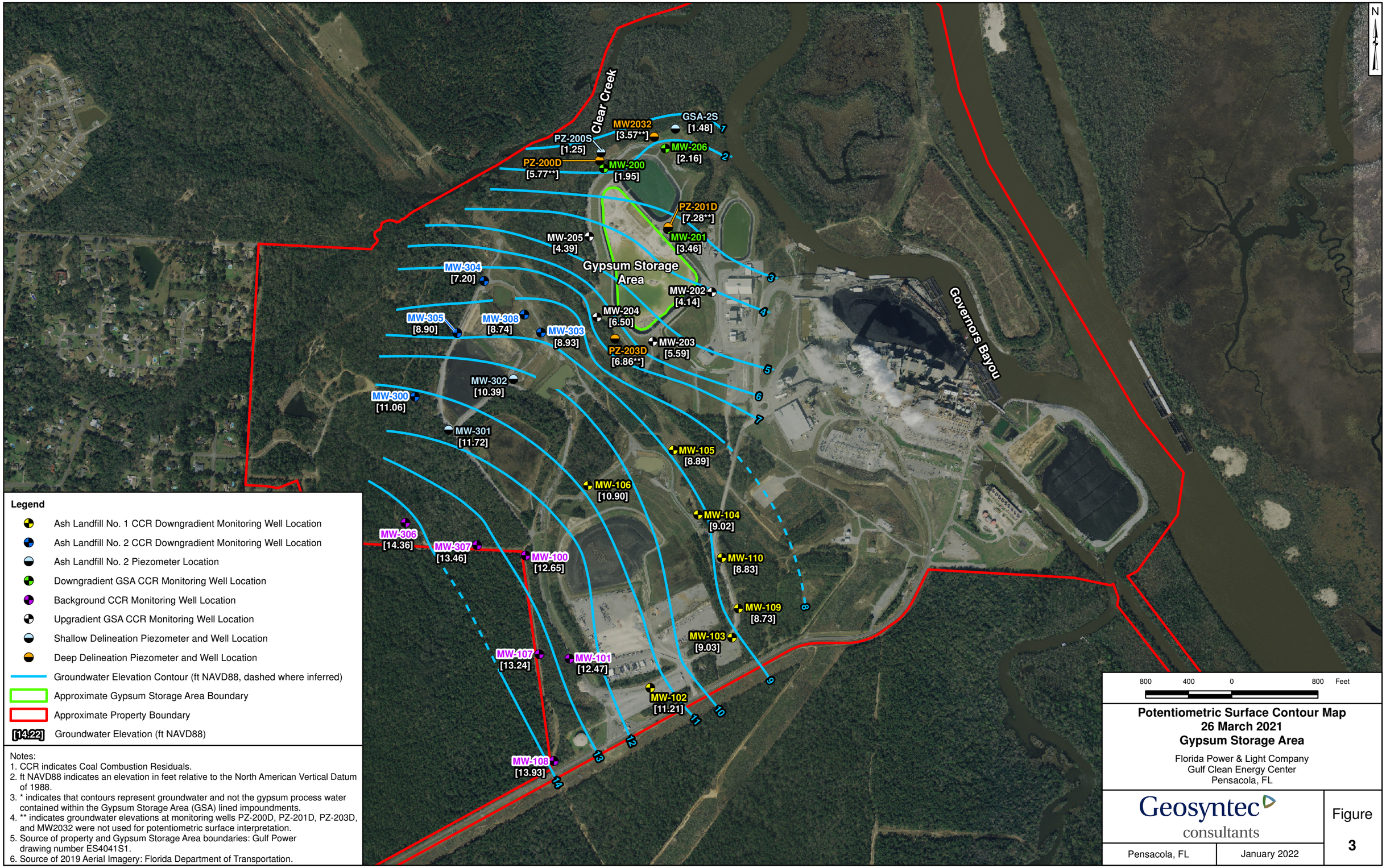
Gulf Clean Energy Center
11999 Pate St
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2022

Figure 2

Path: (Tifusville-01\DATA) T:\GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202110\Well_locs_GSA_202112.mxd 06 December 2021. Last Edited by: CSaville



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 Gypsum Storage Area 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 2019 Aerial Imagery: Florida Department of Transportation.

800 400 0 800 Feet

Potentiometric Surface Contour Map
26 March 2021
Gypsum Storage Area

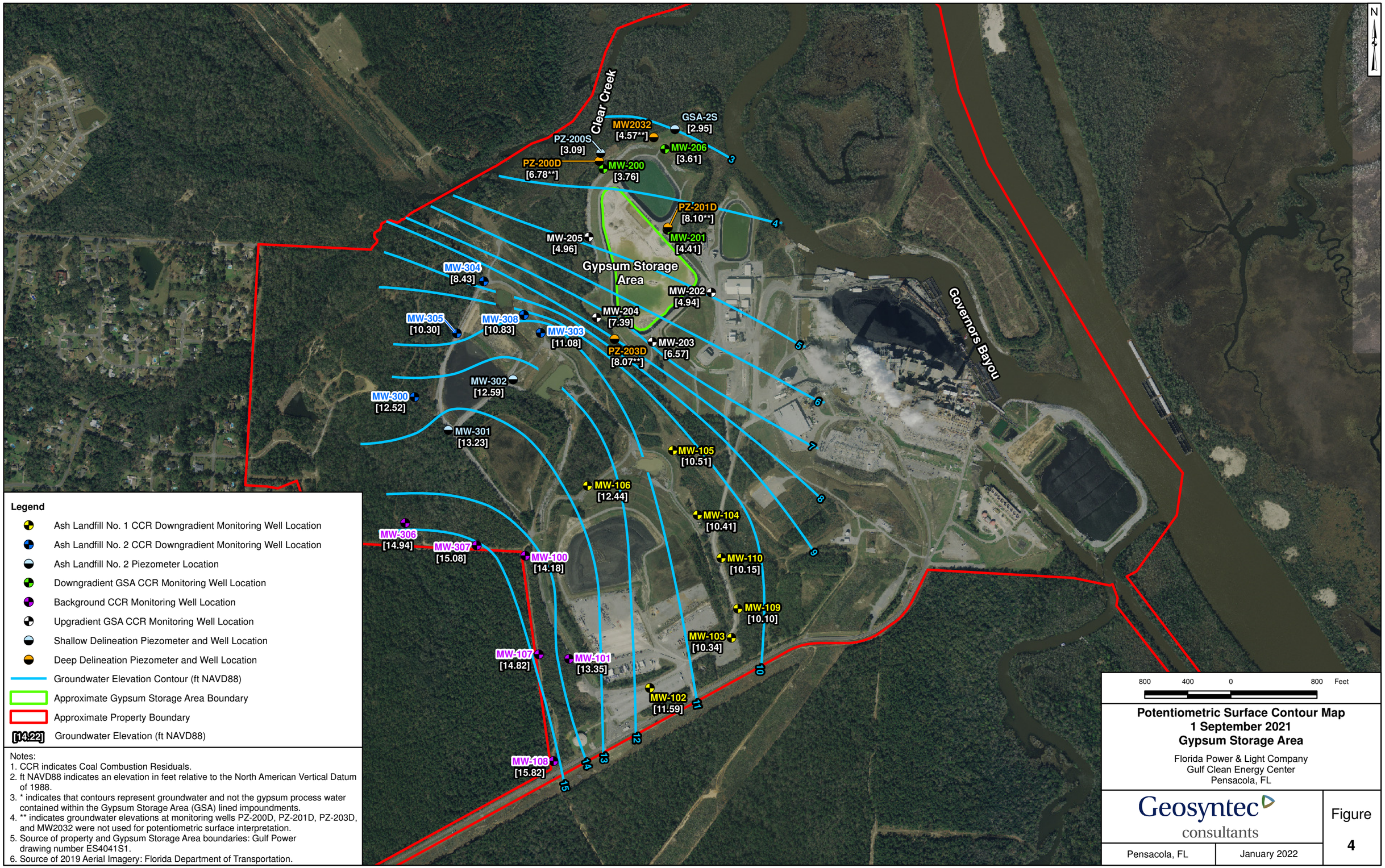
Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2022

Figure 3

Path: [Titusville-01\DATA] T:\0GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202110\GSA_GW_elev_Mar2021.mxd 06 December 2021. Last Edited by: CSaville



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)
- Approximate Gypsum Storage Area 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 2019 Aerial Imagery: Florida Department of Transportation.

800 400 0 800 Feet

Potentiometric Surface Contour Map
1 September 2021
Gypsum Storage Area

Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2022

Figure 4

APPENDIX A

Laboratory Analytical, Field Sampling Reports, and Data Validation Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-201304-1
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:
4/20/2021 4:35:37 PM

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

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Job ID: 400-201304-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201304-1

Metals

Method 6020: The ICV for batch 400-526377 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 400-526377/12)

Method 6020: CRI recovery outside SOP's criteria (152%). The sample is either ND or 10x the CRI; therefore data is report. (CRI 400-526377/13)

Method 6020: The continuing calibration verification (CCV) associated with batch 400-526377 recovered above the upper control limit for Arsenic, Boron and Beryllium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 400-526377/68).

Method 6020: The ICV for batch 400-526480 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 400-526480/9)

Method 7470A: The matrix spike (MS) recoveries for preparation batch 400-525722 and analytical batch 400-525944 were outside control limits. Non-homogeneity is 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 400-526135 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The method blank for analytical batch 400-527753 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.

Detection Summary

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-100 — Lab Sample ID: 400-201304-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.019		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	1.0		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00059	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	38		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	10		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.060	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Field pH	4.79				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 400-201304-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00078	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.0097		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	0.43		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0024	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.0019	I	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	26		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	4.92				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 400-201304-3

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
Calcium	0.46		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	12		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.89				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 400-201304-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00054	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.011		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	1.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	28		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	2.3	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.80				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: 400-201304-1
SDG: Background A

Client Sample ID: MW-306 — Lab Sample ID: 400-201304-5

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
Calcium	0.68		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	42		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	4.93				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-307 — Lab Sample ID: 400-201304-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00042	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.017		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	0.75		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00062	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0042	I	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	40		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.4		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.46				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 400-201304-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.010		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	0.43		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0039		0.0025	0.0010	mg/L	5		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
Field pH	4.92				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: 400-201304-1
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: 400-201304-1
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201304-1	MW-100	Water	03/29/21 12:00	03/30/21 14:00	
400-201304-2	MW-101	Water	03/29/21 09:10	03/30/21 14:00	
400-201304-3	MW-107	Water	03/29/21 13:40	03/30/21 14:00	
400-201304-4	MW-108	Water	03/29/21 10:00	03/30/21 14:00	
400-201304-5	MW-306	Water	03/29/21 12:24	03/30/21 14:00	
400-201304-6	MW-307	Water	03/29/21 13:32	03/30/21 14:00	
400-201304-7	DUP-01	Water	03/29/21 08:10	03/30/21 14:00	

Client Sample Results

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-100

Date Collected: 03/29/21 12:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-1

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		03/31/21 16:19	04/02/21 19:04	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 19:04	5
Barium	**0.019**		0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 19:04	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 19:04	5
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/02/21 19:04	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 19:04	5
Calcium	**1.0**		0.25	0.13	mg/L		03/31/21 16:19	04/02/21 19:04	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 19:04	5
Cobalt	**0.00059**	**I**	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 19:04	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 19:04	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 19:04	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 19:04	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 19:04	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/02/21 19:04	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		03/31/21 08:20	03/31/21 19:34	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**38**		5.0	5.0	mg/L			04/02/21 12:10	1
Chloride	**10**		2.0	1.4	mg/L			04/10/21 03:39	1
Fluoride	**0.060**	**I V**	0.10	0.032	mg/L			04/15/21 11:58	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.79**				SU			03/29/21 12:00	1

Client Sample Results

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-101

Date Collected: 03/29/21 09:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-2

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		03/31/21 16:19	04/02/21 19:10	5
Arsenic	**0.00078**	**I**	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 19:10	5
Barium	**0.0097**		0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 19:10	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 19:10	5
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/02/21 19:10	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 19:10	5
Calcium	**0.43**		0.25	0.13	mg/L		03/31/21 16:19	04/02/21 19:10	5
Chromium	**0.0024**	**I**	0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 19:10	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 19:10	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 19:10	5
Lithium	**0.0019**	**I**	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 19:10	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 19:10	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 19:10	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/02/21 19:10	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		03/31/21 08:20	03/31/21 19:36	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**26**		5.0	5.0	mg/L			04/02/21 12:10	1
Chloride	**5.8**		2.0	1.4	mg/L			04/10/21 03:39	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:09	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.92**				SU			03/29/21 09:10	1

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-107

Date Collected: 03/29/21 13:40
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-3

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		03/31/21 16:19	04/02/21 19:16	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 19:16	5
Barium	**0.011**		0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 19:16	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 19:16	5
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/02/21 19:16	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 19:16	5
Calcium	**0.46**		0.25	0.13	mg/L		03/31/21 16:19	04/02/21 19:16	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 19:16	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 19:16	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 19:16	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 19:16	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 19:16	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 19:16	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/02/21 19:16	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		03/31/21 08:20	03/31/21 19:38	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**12**		5.0	5.0	mg/L			04/02/21 12:10	1
Chloride	**5.2**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:12	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.89**				SU			03/29/21 13:40	1

Client Sample Results

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-108

Date Collected: 03/29/21 10:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-4

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		03/31/21 16:19	04/02/21 19:23	5
Arsenic	**0.00054**	**I**	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 19:23	5
Barium	**0.011**		0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 19:23	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 19:23	5
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/05/21 18:28	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 19:23	5
Calcium	**1.6**		0.25	0.13	mg/L		03/31/21 16:19	04/02/21 19:23	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 19:23	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 19:23	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 19:23	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 19:23	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 19:23	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 19:23	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/02/21 19:23	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/05/21 18:28	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		03/31/21 08:20	03/31/21 19:40	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**28**		5.0	5.0	mg/L			04/02/21 12:10	1
Chloride	**5.0**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:16	1
Sulfate	**2.3**	**I**	5.0	1.4	mg/L			04/10/21 21:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.80**				SU			03/29/21 10:00	1

Client Sample Results

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-306

Date Collected: 03/29/21 12:24
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-5

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		03/31/21 16:19	04/02/21 19:29	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 19:29	5
Barium	**0.013**		0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 19:29	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 19:29	5
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/02/21 19:29	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 19:29	5
Calcium	**0.68**		0.25	0.13	mg/L		03/31/21 16:19	04/02/21 19:29	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 19:29	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 19:29	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 19:29	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 19:29	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 19:29	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 19:29	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/02/21 19:29	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		03/31/21 08:20	03/31/21 19:42	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**42**		5.0	5.0	mg/L			04/02/21 12:10	1
Chloride	**6.2**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:20	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.93**				SU			03/29/21 12:24	1

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-307

Date Collected: 03/29/21 13:32
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-6

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		03/31/21 16:19	04/02/21 19:48	5
Arsenic	**0.00042**	**I**	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 19:48	5
Barium	**0.017**		0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 19:48	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 19:48	5
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/02/21 19:48	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 19:48	5
Calcium	**0.75**		0.25	0.13	mg/L		03/31/21 16:19	04/02/21 19:48	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 19:48	5
Cobalt	**0.00062**	**I**	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 19:48	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 19:48	5
Lithium	**0.0042**	**I**	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 19:48	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 19:48	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 19:48	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/05/21 18:32	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		03/31/21 08:20	03/31/21 19:43	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**40**		5.0	5.0	mg/L			04/02/21 12:10	1
Chloride	**5.4**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:24	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.46**				SU			03/29/21 13:32	1

Client Sample ID: DUP-01

Date Collected: 03/29/21 08:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-7

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		03/31/21 16:19	04/02/21 19:54	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 19:54	5
Barium	**0.010**		0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 19:54	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 19:54	5
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/02/21 19:54	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 19:54	5
Calcium	**0.43**		0.25	0.13	mg/L		03/31/21 16:19	04/02/21 19:54	5
Chromium	**0.0039**		0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 19:54	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 19:54	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 19:54	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 19:54	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 19:54	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 19:54	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/05/21 18:35	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		03/31/21 08:20	03/31/21 19:45	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			04/02/21 12:10	1
Chloride	**5.6**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:28	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.92**				SU			03/29/21 08:10	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.
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

Lab Chronicle

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-100
Date Collected: 03/29/21 12:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526377	04/02/21 19:04	LDC	TAL PEN
Total/NA	Prep	7470A			525722	03/31/21 08:20	NET	TAL PEN
Total/NA	Analysis	7470A		1	525944	03/31/21 19:34	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526135	04/02/21 12:10	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:39	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 11:58	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:10	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	03/29/21 12:00	EHS	TAL PEN

Client Sample ID: MW-101
Date Collected: 03/29/21 09:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526377	04/02/21 19:10	LDC	TAL PEN
Total/NA	Prep	7470A			525722	03/31/21 08:20	NET	TAL PEN
Total/NA	Analysis	7470A		1	525944	03/31/21 19:36	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526135	04/02/21 12:10	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:39	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 12:09	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:10	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	03/29/21 09:10	EHS	TAL PEN

Client Sample ID: MW-107
Date Collected: 03/29/21 13:40
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526377	04/02/21 19:16	LDC	TAL PEN
Total/NA	Prep	7470A			525722	03/31/21 08:20	NET	TAL PEN
Total/NA	Analysis	7470A		1	525944	03/31/21 19:38	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526135	04/02/21 12:10	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 12:12	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:16	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	03/29/21 13:40	EHS	TAL PEN

Lab Chronicle

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: MW-108
Date Collected: 03/29/21 10:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526480	04/05/21 18:28	LDC	TAL PEN
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526377	04/02/21 19:23	LDC	TAL PEN
Total/NA	Prep	7470A			525722	03/31/21 08:20	NET	TAL PEN
Total/NA	Analysis	7470A		1	525944	03/31/21 19:40	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526135	04/02/21 12:10	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 12:16	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:16	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	03/29/21 10:00	EHS	TAL PEN

Client Sample ID: MW-306
Date Collected: 03/29/21 12:24
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526377	04/02/21 19:29	LDC	TAL PEN
Total/NA	Prep	7470A			525722	03/31/21 08:20	NET	TAL PEN
Total/NA	Analysis	7470A		1	525944	03/31/21 19:42	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526135	04/02/21 12:10	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 12:20	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:16	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	03/29/21 12:24	EHS	TAL PEN

Client Sample ID: MW-307
Date Collected: 03/29/21 13:32
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526480	04/05/21 18:32	LDC	TAL PEN
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526377	04/02/21 19:48	LDC	TAL PEN
Total/NA	Prep	7470A			525722	03/31/21 08:20	NET	TAL PEN
Total/NA	Analysis	7470A		1	525944	03/31/21 19:43	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526135	04/02/21 12:10	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 12:24	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:16	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	03/29/21 13:32	EHS	TAL PEN

Lab Chronicle

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

Job ID: 400-201304-1
SDG: Background A

Client Sample ID: DUP-01
Date Collected: 03/29/21 08:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526480	04/05/21 18:35	LDC	TAL PEN
Total Recoverable	Prep	3005A			525878	03/31/21 16:19	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	526377	04/02/21 19:54	LDC	TAL PEN
Total/NA	Prep	7470A			525722	03/31/21 08:20	NET	TAL PEN
Total/NA	Analysis	7470A		1	525944	03/31/21 19:45	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526135	04/02/21 12:10	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 12:28	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:16	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	03/29/21 08:10	EHS	TAL PEN

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

Metals

Prep Batch: 525722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	7470A	
400-201304-2	MW-101	Total/NA	Water	7470A	
400-201304-3	MW-107	Total/NA	Water	7470A	
400-201304-4	MW-108	Total/NA	Water	7470A	
400-201304-5	MW-306	Total/NA	Water	7470A	
400-201304-6	MW-307	Total/NA	Water	7470A	
400-201304-7	DUP-01	Total/NA	Water	7470A	
MB 400-525722/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-525722/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-201275-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-201275-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 525878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total Recoverable	Water	3005A	
400-201304-2	MW-101	Total Recoverable	Water	3005A	
400-201304-3	MW-107	Total Recoverable	Water	3005A	
400-201304-4	MW-108	Total Recoverable	Water	3005A	
400-201304-5	MW-306	Total Recoverable	Water	3005A	
400-201304-6	MW-307	Total Recoverable	Water	3005A	
400-201304-7	DUP-01	Total Recoverable	Water	3005A	
MB 400-525878/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-525878/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-201217-E-2-C MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-201217-E-2-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 525944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	7470A	525722
400-201304-2	MW-101	Total/NA	Water	7470A	525722
400-201304-3	MW-107	Total/NA	Water	7470A	525722
400-201304-4	MW-108	Total/NA	Water	7470A	525722
400-201304-5	MW-306	Total/NA	Water	7470A	525722
400-201304-6	MW-307	Total/NA	Water	7470A	525722
400-201304-7	DUP-01	Total/NA	Water	7470A	525722
MB 400-525722/14-A	Method Blank	Total/NA	Water	7470A	525722
LCS 400-525722/15-A	Lab Control Sample	Total/NA	Water	7470A	525722
400-201275-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	525722
400-201275-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	525722

Analysis Batch: 526377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total Recoverable	Water	6020	525878
400-201304-2	MW-101	Total Recoverable	Water	6020	525878
400-201304-3	MW-107	Total Recoverable	Water	6020	525878
400-201304-4	MW-108	Total Recoverable	Water	6020	525878
400-201304-5	MW-306	Total Recoverable	Water	6020	525878
400-201304-6	MW-307	Total Recoverable	Water	6020	525878
400-201304-7	DUP-01	Total Recoverable	Water	6020	525878
MB 400-525878/1-A ^5	Method Blank	Total Recoverable	Water	6020	525878
LCS 400-525878/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	525878

Metals (Continued)

Analysis Batch: 526377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201217-E-2-C MS ^5	Matrix Spike	Total Recoverable	Water	6020	525878
400-201217-E-2-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	525878

Analysis Batch: 526480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-4	MW-108	Total Recoverable	Water	6020	525878
400-201304-6	MW-307	Total Recoverable	Water	6020	525878
400-201304-7	DUP-01	Total Recoverable	Water	6020	525878
MB 400-525878/1-A ^5	Method Blank	Total Recoverable	Water	6020	525878
LCS 400-525878/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	525878

General Chemistry

Analysis Batch: 526135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	SM 2540C	
400-201304-2	MW-101	Total/NA	Water	SM 2540C	
400-201304-3	MW-107	Total/NA	Water	SM 2540C	
400-201304-4	MW-108	Total/NA	Water	SM 2540C	
400-201304-5	MW-306	Total/NA	Water	SM 2540C	
400-201304-6	MW-307	Total/NA	Water	SM 2540C	
400-201304-7	DUP-01	Total/NA	Water	SM 2540C	
MB 400-526135/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-526135/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-201394-F-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 527087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-201304-2	MW-101	Total/NA	Water	SM 4500 Cl- E	
400-201304-3	MW-107	Total/NA	Water	SM 4500 Cl- E	
400-201304-4	MW-108	Total/NA	Water	SM 4500 Cl- E	
400-201304-5	MW-306	Total/NA	Water	SM 4500 Cl- E	
400-201304-6	MW-307	Total/NA	Water	SM 4500 Cl- E	
400-201304-7	DUP-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-527087/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-527087/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-527087/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-201304-2 MS	MW-101	Total/NA	Water	SM 4500 Cl- E	
400-201304-2 MSD	MW-101	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 527121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	SM 4500 SO4 E	
400-201304-2	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-201304-3	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-201304-4	MW-108	Total/NA	Water	SM 4500 SO4 E	
400-201304-5	MW-306	Total/NA	Water	SM 4500 SO4 E	
400-201304-6	MW-307	Total/NA	Water	SM 4500 SO4 E	
400-201304-7	DUP-01	Total/NA	Water	SM 4500 SO4 E	
MB 400-527121/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 527121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-527121/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-527121/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-201304-2 MS	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-201304-2 MSD	MW-101	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 527753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	SM 4500 F C	
400-201304-2	MW-101	Total/NA	Water	SM 4500 F C	
400-201304-3	MW-107	Total/NA	Water	SM 4500 F C	
400-201304-4	MW-108	Total/NA	Water	SM 4500 F C	
400-201304-5	MW-306	Total/NA	Water	SM 4500 F C	
400-201304-6	MW-307	Total/NA	Water	SM 4500 F C	
400-201304-7	DUP-01	Total/NA	Water	SM 4500 F C	
MB 400-527753/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-527753/6	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-201304-1 MS	MW-100	Total/NA	Water	SM 4500 F C	
400-201304-1 MSD	MW-100	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 527528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	Field Sampling	
400-201304-2	MW-101	Total/NA	Water	Field Sampling	
400-201304-3	MW-107	Total/NA	Water	Field Sampling	
400-201304-4	MW-108	Total/NA	Water	Field Sampling	
400-201304-5	MW-306	Total/NA	Water	Field Sampling	
400-201304-6	MW-307	Total/NA	Water	Field Sampling	
400-201304-7	DUP-01	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-525878/1-A ^5
Matrix: Water
Analysis Batch: 526377

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 525878

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		03/31/21 16:19	04/02/21 17:22	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		03/31/21 16:19	04/02/21 17:22	5
Barium	0.00070	U	0.0025	0.00070	mg/L		03/31/21 16:19	04/02/21 17:22	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		03/31/21 16:19	04/02/21 17:22	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		03/31/21 16:19	04/02/21 17:22	5
Calcium	0.13	U	0.25	0.13	mg/L		03/31/21 16:19	04/02/21 17:22	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/31/21 16:19	04/02/21 17:22	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/31/21 16:19	04/02/21 17:22	5
Lead	0.00029	U	0.0013	0.00029	mg/L		03/31/21 16:19	04/02/21 17:22	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		03/31/21 16:19	04/02/21 17:22	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		03/31/21 16:19	04/02/21 17:22	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/31/21 16:19	04/02/21 17:22	5

Lab Sample ID: MB 400-525878/1-A ^5
Matrix: Water
Analysis Batch: 526480

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 525878

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.018	U	0.050	0.018	mg/L		03/31/21 16:19	04/05/21 18:21	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		03/31/21 16:19	04/05/21 18:21	5

Lab Sample ID: LCS 400-525878/2-A ^5
Matrix: Water
Analysis Batch: 526377

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 525878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0504		mg/L		101	80 - 120
Arsenic	0.0500	0.0534		mg/L		107	80 - 120
Barium	0.0500	0.0504		mg/L		101	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Cadmium	0.0500	0.0531		mg/L		106	80 - 120
Calcium	5.00	5.09		mg/L		102	80 - 120
Chromium	0.0500	0.0478		mg/L		96	80 - 120
Cobalt	0.0500	0.0480		mg/L		96	80 - 120
Lead	0.0500	0.0453		mg/L		91	80 - 120
Lithium	0.0500	0.0473		mg/L		95	80 - 120
Molybdenum	0.0500	0.0508		mg/L		102	80 - 120
Selenium	0.0500	0.0543		mg/L		109	80 - 120

Lab Sample ID: LCS 400-525878/2-A ^5
Matrix: Water
Analysis Batch: 526480

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 525878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.100	0.0903		mg/L		90	80 - 120
Thallium	0.0100	0.00962		mg/L		96	80 - 120

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

Lab Sample ID: 400-201217-E-2-C MS ^5
Matrix: Water
Analysis Batch: 526377

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 525878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0499		mg/L		100	75 - 125
Arsenic	0.0017		0.0500	0.0536		mg/L		104	75 - 125
Barium	0.011		0.0500	0.0578		mg/L		94	75 - 125
Beryllium	0.00017	U	0.0500	0.0467		mg/L		93	75 - 125
Boron	0.018	U	0.100	0.116		mg/L		116	75 - 125
Cadmium	0.00028	U	0.0500	0.0515		mg/L		103	75 - 125
Calcium	0.78		5.00	5.66		mg/L		98	75 - 125
Chromium	0.0010	U	0.0500	0.0468		mg/L		94	75 - 125
Cobalt	0.00070	I	0.0500	0.0483		mg/L		95	75 - 125
Lead	0.00029	U	0.0500	0.0515		mg/L		103	75 - 125
Lithium	0.0019	U	0.0500	0.0461		mg/L		92	75 - 125
Molybdenum	0.0045	U	0.0500	0.0487		mg/L		97	75 - 125
Selenium	0.00082	U	0.0500	0.0564		mg/L		113	75 - 125

Lab Sample ID: 400-201217-E-2-D MSD ^5
Matrix: Water
Analysis Batch: 526377

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 525878

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	0.0498		mg/L		100	75 - 125	0	20
Arsenic	0.0017		0.0500	0.0554		mg/L		107	75 - 125	3	20
Barium	0.011		0.0500	0.0580		mg/L		95	75 - 125	0	20
Beryllium	0.00017	U	0.0500	0.0505		mg/L		101	75 - 125	8	20
Boron	0.018	U	0.100	0.123		mg/L		123	75 - 125	6	20
Cadmium	0.00028	U	0.0500	0.0519		mg/L		104	75 - 125	1	20
Calcium	0.78		5.00	5.87		mg/L		102	75 - 125	4	20
Chromium	0.0010	U	0.0500	0.0479		mg/L		96	75 - 125	2	20
Cobalt	0.00070	I	0.0500	0.0493		mg/L		97	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	0.0485		mg/L		97	75 - 125	5	20
Molybdenum	0.0045	U	0.0500	0.0499		mg/L		100	75 - 125	2	20
Selenium	0.00082	U	0.0500	0.0482		mg/L		96	75 - 125	16	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-525722/14-A
Matrix: Water
Analysis Batch: 525944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 525722

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		03/31/21 08:20	03/31/21 19:08	1

Lab Sample ID: LCS 400-525722/15-A
Matrix: Water
Analysis Batch: 525944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 525722

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

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-201275-F-1-B MS
Matrix: Water
Analysis Batch: 525944

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 525722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00157	J3	mg/L		78	80 - 120

Lab Sample ID: 400-201275-F-1-C MSD
Matrix: Water
Analysis Batch: 525944

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 525722

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	0.00162		mg/L		80	80 - 120	3	20

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

Lab Sample ID: MB 400-526135/1
Matrix: Water
Analysis Batch: 526135

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			04/02/21 12:10	1

Lab Sample ID: LCS 400-526135/2
Matrix: Water
Analysis Batch: 526135

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	294		mg/L		100	78 - 122

Lab Sample ID: 400-201394-F-1 DU
Matrix: Water
Analysis Batch: 526135

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	400		444	J3	mg/L		9	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-527087/6
Matrix: Water
Analysis Batch: 527087

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			04/10/21 03:39	1

Lab Sample ID: LCS 400-527087/7
Matrix: Water
Analysis Batch: 527087

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	29.6		mg/L		99	90 - 110

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

Lab Sample ID: MRL 400-527087/3
Matrix: Water
Analysis Batch: 527087

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	1.98	I	mg/L		99	50 - 150		

Lab Sample ID: 400-201304-2 MS
Matrix: Water
Analysis Batch: 527087

Client Sample ID: MW-101
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	5.8		10.0	16.4		mg/L		106	73 - 120		

Lab Sample ID: 400-201304-2 MSD
Matrix: Water
Analysis Batch: 527087

Client Sample ID: MW-101
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.8		10.0	16.3		mg/L		105	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-527753/3
Matrix: Water
Analysis Batch: 527753

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0400	I	0.10	0.032	mg/L			04/15/21 11:46	1

Lab Sample ID: LCS 400-527753/6
Matrix: Water
Analysis Batch: 527753

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	5.28		mg/L		106	90 - 110		

Lab Sample ID: 400-201304-1 MS
Matrix: Water
Analysis Batch: 527753

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	0.060	I V	1.00	1.05		mg/L		99	75 - 125		

Lab Sample ID: 400-201304-1 MSD
Matrix: Water
Analysis Batch: 527753

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	0.060	I V	1.00	1.07		mg/L		101	75 - 125	2	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-527121/6
Matrix: Water
Analysis Batch: 527121

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			04/10/21 21:10	1

Lab Sample ID: LCS 400-527121/7
Matrix: Water
Analysis Batch: 527121

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	15.6		mg/L		104	90 - 110

Lab Sample ID: MRL 400-527121/3
Matrix: Water
Analysis Batch: 527121

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	3.94	I	mg/L		79	50 - 150

Lab Sample ID: 400-201304-2 MS
Matrix: Water
Analysis Batch: 527121

Client Sample ID: MW-101
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	10.0		mg/L		100	77 - 128

Lab Sample ID: 400-201304-2 MSD
Matrix: Water
Analysis Batch: 527121

Client Sample ID: MW-101
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	10.1		mg/L		101	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

400-201304 COC

Client Information	Sampler: Brett / Trevor	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101864-23627.1
Client Contact: Barry Evans	Phone: 850 380 3458	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
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	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	3/29/21	1200	G	Water			X	X	X	X	X	X		
MW-101	3/29/21	0910		Water										
MW-107	3/29/21	1348		Water										
MW-108	3/30/21	1001		Water										
MW-306	3/29/21	1224		Water										
MW-307	3/29/21	1332		Water										
Dup-01	3/29/21	0810	G	Water			X	X	X	X	X	X		

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:	
Relinquished by:	Date/Time: 3-30-21 1400	Company: RDH	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3-30-21 1400	Company: ETAI	

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

Cooler Temperature(s) °C and Other Remarks: 5.2 3.8°C IR4

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201304-1
SDG Number: Background A

Login Number: 201304
List Number: 1
Creator: Conrady, Hank W

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	5.2°C 3.8°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: 400-201304-1
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	01-12-22
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	10-31-21
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-21
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
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
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	P330-21-00056	05-17-21
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-21
West Virginia DEP	State	136	06-30-21

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-201304-2
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:
4/28/2021 3:45:13 PM

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

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Job ID: 400-201304-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201304-2

RAD

Method 9315: Radium-226 Batch 504218. 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 (400-201304-1), MW-101 (400-201304-2), MW-107 (400-201304-3), MW-108 (400-201304-4), MW-306 (400-201304-5), MW-307 (400-201304-6), DUP-01 (400-201304-7), (LCS 160-504218/1-A), (LCSD 160-504218/2-A) and (MB 160-504218/22-A)

Method 9320: Radium 228 Prep batch 504219. 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 (400-201304-1), MW-101 (400-201304-2), MW-107 (400-201304-3), MW-108 (400-201304-4), MW-306 (400-201304-5), MW-307 (400-201304-6), DUP-01 (400-201304-7), (LCS 160-504219/1-A), (LCSD 160-504219/2-A) and (MB 160-504219/22-A)

Method PrecSep_0: Radium 228 Prep Batch 160-504219. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-100 (400-201304-1), MW-101 (400-201304-2), MW-107 (400-201304-3), MW-108 (400-201304-4), MW-306 (400-201304-5), MW-307 (400-201304-6) and DUP-01 (400-201304-7). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 Prep Batch 160-504218. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-100 (400-201304-1), MW-101 (400-201304-2), MW-107 (400-201304-3), MW-108 (400-201304-4), MW-306 (400-201304-5), MW-307 (400-201304-6) and DUP-01 (400-201304-7). 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: 400-201304-2
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

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

Job ID: 400-201304-2
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201304-1	MW-100	Water	03/29/21 12:00	03/30/21 14:00	
400-201304-2	MW-101	Water	03/29/21 09:10	03/30/21 14:00	
400-201304-3	MW-107	Water	03/29/21 13:40	03/30/21 14:00	
400-201304-4	MW-108	Water	03/30/21 10:00	03/30/21 14:00	
400-201304-5	MW-306	Water	03/29/21 12:24	03/30/21 14:00	
400-201304-6	MW-307	Water	03/29/21 13:32	03/30/21 14:00	
400-201304-7	DUP-01	Water	03/29/21 08:10	03/30/21 14:00	

Client Sample Results

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

Job ID: 400-201304-2
SDG: Background A

Client Sample ID: MW-100
Date Collected: 03/29/21 12:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-1
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	0.455		0.127	0.134	1.00	0.112	pCi/L	04/02/21 16:32	04/26/21 11:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:30*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.26		0.379	0.396	1.00	0.496	pCi/L	04/02/21 17:03	04/12/21 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*1*
Y Carrier	*84.1*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*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	1.72		0.400	0.418	5.00	0.496	pCi/L		04/27/21 15:45	1

Client Sample ID: MW-101
Date Collected: 03/29/21 09:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-2
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	**0.261**		0.107	0.110	1.00	0.125	pCi/L	04/02/21 16:32	04/26/21 11:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:30*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.300	U	0.234	0.236	1.00	0.367	pCi/L	04/02/21 17:03	04/12/21 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*1*
Y Carrier	*86.0*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*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	**0.561**		0.257	0.260	5.00	0.367	pCi/L		04/27/21 15:45	1

Client Sample ID: MW-107

Date Collected: 03/29/21 13:40
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-3

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	**0.485**		0.140	0.147	1.00	0.135	pCi/L	04/02/21 16:32	04/26/21 11:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:30*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.224	U	0.264	0.265	1.00	0.436	pCi/L	04/02/21 17:03	04/12/21 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*1*
Y Carrier	*84.5*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*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	**0.708**		0.299	0.303	5.00	0.436	pCi/L		04/27/21 15:45	1

Client Sample Results

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

Job ID: 400-201304-2
SDG: Background A

Client Sample ID: MW-108

Date Collected: 03/30/21 10:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-4

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	0.369		0.114	0.118	1.00	0.113	pCi/L	04/02/21 16:32	04/26/21 11:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.5*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:31*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.34		0.359	0.379	1.00	0.450	pCi/L	04/02/21 17:03	04/12/21 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.5*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*1*
Y Carrier	*84.5*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*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	1.71		0.377	0.397	5.00	0.450	pCi/L		04/27/21 15:45	1

Client Sample ID: MW-306

Date Collected: 03/29/21 12:24
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-5

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	0.361		0.113	0.117	1.00	0.109	pCi/L	04/02/21 16:32	04/26/21 11:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:31*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.538		0.302	0.306	1.00	0.453	pCi/L	04/02/21 17:03	04/12/21 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*1*
Y Carrier	*86.0*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*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	0.899		0.322	0.328	5.00	0.453	pCi/L		04/27/21 15:45	1

Client Sample ID: MW-307

Date Collected: 03/29/21 13:32
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-6

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	**0.246**		0.0961	0.0986	1.00	0.106	pCi/L	04/02/21 16:32	04/26/21 11:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.2*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.396	U	0.288	0.291	1.00	0.453	pCi/L	04/02/21 17:03	04/12/21 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.2*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*1*
Y Carrier	*86.0*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:35*	*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	**0.642**		0.304	0.307	5.00	0.453	pCi/L		04/27/21 15:45	1

Client Sample ID: DUP-01
Date Collected: 03/29/21 08:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-7
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	0.280		0.106	0.109	1.00	0.118	pCi/L	04/02/21 16:32	04/26/21 11:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.0*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.675		0.295	0.301	1.00	0.418	pCi/L	04/02/21 17:03	04/12/21 13:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.0*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:36*	*1*
Y Carrier	*86.7*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:36*	*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	0.955		0.313	0.320	5.00	0.418	pCi/L		04/27/21 15:45	1

Definitions/Glossary

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

Job ID: 400-201304-2
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: 400-201304-2
SDG: Background A

Client Sample ID: MW-100
Date Collected: 03/29/21 12:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504218	04/02/21 16:32	JEC	TAL SL
Total/NA	Analysis	9315		1	507052	04/26/21 11:30	ANW	TAL SL
Total/NA	Prep	PrecSep_0			504219	04/02/21 17:03	JEC	TAL SL
Total/NA	Analysis	9320		1	505392	04/12/21 13:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507323	04/27/21 15:45	SCB	TAL SL

Client Sample ID: MW-101
Date Collected: 03/29/21 09:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504218	04/02/21 16:32	JEC	TAL SL
Total/NA	Analysis	9315		1	507052	04/26/21 11:30	ANW	TAL SL
Total/NA	Prep	PrecSep_0			504219	04/02/21 17:03	JEC	TAL SL
Total/NA	Analysis	9320		1	505392	04/12/21 13:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507323	04/27/21 15:45	SCB	TAL SL

Client Sample ID: MW-107
Date Collected: 03/29/21 13:40
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504218	04/02/21 16:32	JEC	TAL SL
Total/NA	Analysis	9315		1	507052	04/26/21 11:30	ANW	TAL SL
Total/NA	Prep	PrecSep_0			504219	04/02/21 17:03	JEC	TAL SL
Total/NA	Analysis	9320		1	505392	04/12/21 13:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507323	04/27/21 15:45	SCB	TAL SL

Client Sample ID: MW-108
Date Collected: 03/30/21 10:00
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504218	04/02/21 16:32	JEC	TAL SL
Total/NA	Analysis	9315		1	507113	04/26/21 11:31	ANW	TAL SL
Total/NA	Prep	PrecSep_0			504219	04/02/21 17:03	JEC	TAL SL
Total/NA	Analysis	9320		1	505392	04/12/21 13:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507323	04/27/21 15:45	SCB	TAL SL

Lab Chronicle

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

Job ID: 400-201304-2
SDG: Background A

Client Sample ID: MW-306
Date Collected: 03/29/21 12:24
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504218	04/02/21 16:32	JEC	TAL SL
Total/NA	Analysis	9315		1	507113	04/26/21 11:31	ANW	TAL SL
Total/NA	Prep	PrecSep_0			504219	04/02/21 17:03	JEC	TAL SL
Total/NA	Analysis	9320		1	505392	04/12/21 13:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507323	04/27/21 15:45	SCB	TAL SL

Client Sample ID: MW-307
Date Collected: 03/29/21 13:32
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504218	04/02/21 16:32	JEC	TAL SL
Total/NA	Analysis	9315		1	507113	04/26/21 11:32	ANW	TAL SL
Total/NA	Prep	PrecSep_0			504219	04/02/21 17:03	JEC	TAL SL
Total/NA	Analysis	9320		1	505392	04/12/21 13:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507323	04/27/21 15:45	SCB	TAL SL

Client Sample ID: DUP-01
Date Collected: 03/29/21 08:10
Date Received: 03/30/21 14:00

Lab Sample ID: 400-201304-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504218	04/02/21 16:32	JEC	TAL SL
Total/NA	Analysis	9315		1	507113	04/26/21 11:32	ANW	TAL SL
Total/NA	Prep	PrecSep_0			504219	04/02/21 17:03	JEC	TAL SL
Total/NA	Analysis	9320		1	505392	04/12/21 13:36	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507323	04/27/21 15:45	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: 504218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	PrecSep-21	
400-201304-2	MW-101	Total/NA	Water	PrecSep-21	
400-201304-3	MW-107	Total/NA	Water	PrecSep-21	
400-201304-4	MW-108	Total/NA	Water	PrecSep-21	
400-201304-5	MW-306	Total/NA	Water	PrecSep-21	
400-201304-6	MW-307	Total/NA	Water	PrecSep-21	
400-201304-7	DUP-01	Total/NA	Water	PrecSep-21	
MB 160-504218/22-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-504218/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-504218/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 504219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201304-1	MW-100	Total/NA	Water	PrecSep_0	
400-201304-2	MW-101	Total/NA	Water	PrecSep_0	
400-201304-3	MW-107	Total/NA	Water	PrecSep_0	
400-201304-4	MW-108	Total/NA	Water	PrecSep_0	
400-201304-5	MW-306	Total/NA	Water	PrecSep_0	
400-201304-6	MW-307	Total/NA	Water	PrecSep_0	
400-201304-7	DUP-01	Total/NA	Water	PrecSep_0	
MB 160-504219/22-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-504219/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-504219/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-504218/22-A
Matrix: Water
Analysis Batch: 507113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504218

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04919	U	0.0596	0.0598	1.00	0.0978	pCi/L	04/02/21 16:32	04/26/21 11:32	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*40 - 110*	*04/02/21 16:32*	*04/26/21 11:32*	*1*

Lab Sample ID: LCS 160-504218/1-A
Matrix: Water
Analysis Batch: 507052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504218

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	11.09		1.14	1.00	0.0955	pCi/L	98	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*40 - 110*

Lab Sample ID: LCSD 160-504218/2-A
Matrix: Water
Analysis Batch: 507052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504218

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	11.60		1.18	1.00	0.101	pCi/L	102	75 - 125	0.22	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*90.0*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-504219/22-A
Matrix: Water
Analysis Batch: 505392

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504219

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3004	U	0.276	0.278	1.00	0.444	pCi/L	04/02/21 17:03	04/12/21 13:36	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:36*	*1*
Y Carrier	*85.6*		*40 - 110*	*04/02/21 17:03*	*04/12/21 13:36*	*1*

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

Lab Sample ID: LCS 160-504219/1-A
Matrix: Water
Analysis Batch: 505384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504219

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			7.29	8.562		1.04	1.00	0.417	pCi/L	117	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*40 - 110*
Y Carrier	*87.5*		*40 - 110*

Lab Sample ID: LCSD 160-504219/2-A
Matrix: Water
Analysis Batch: 505384

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504219

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			7.29	8.678		1.05	1.00	0.401	pCi/L	119	75 - 125	0.06	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*90.0*		*40 - 110*
Y Carrier	*84.1*		*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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400-201304 COC

Client Information	Sampler: Brett / Trevor	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101864-23627.1
Client Contact: Barry Evans	Phone: 850 380 3458	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
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	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	3/29/21	1200	G	Water			X	X	X	X	X	X		
MW-101	3/29/21	0910		Water										
MW-107	3/29/21	1349		Water										
MW-108	3/30/21	1001		Water										
MW-306	3/29/21	1224		Water										
MW-307	3/29/21	1332		Water										
Dup-01	3/29/21	0810	G	Water			X	X	X	X	X	X		

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 3-30-21 1400	Company: RDH	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 3-30-21 1400	Company: ETAI

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

Cooler Temperature(s) °C and Other Remarks: 5.2 3.8°C IR4

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201304-2
SDG Number: Background A

Login Number: 201304
List Number: 1
Creator: Conrady, Hank W

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	5.2°C 3.8°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: 400-201304-2
SDG Number: Background A

Login Number: 201304
List Number: 2
Creator: Mazariegos, Leonel A

List Source: Eurofins TestAmerica, St. Louis
List Creation: 04/02/21 12:34 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.	True	
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: 400-201304-2
SDG: Background A

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
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	11-30-21
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-21
Louisiana (DW)	State	LA011	12-31-21
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	04-01-22
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	03-01-22
South Carolina	State	85002001	06-30-21
Texas	NELAP	T104704193	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.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-201496-1
Laboratory Sample Delivery Group: Upgradient E
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:
4/21/2021 3:52:08 PM

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

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Case Narrative

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

Job ID: 400-201496-1
SDG: Upgradient E

Job ID: 400-201496-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201496-1

Metals
Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-204 (400-201496-3) and MW-205 (400-201496-4). Elevated reporting limits (RLs) are provided.

Method 6020: The following sample was diluted because the initial analysis produced a significant negative result - the absolute value exceeded the reporting limit (RL): MW-204 (400-201496-3). Reporting limits (RLs) are elevated as a result.

Method 6020: The method blank for preparation batch 400-526798 and analytical batch 400-526961contained Cadmium and Lithium 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 6020: The serial dilution performed for the following samples associated with batch 400-526961 was outside control limits: (400-201463-B-1-A SD ^25) and (400-201500-C-1-B SD ^25).

Method 6020: The post digestion spike % recovery for Barium associated with batch 400-526961 was outside of control limits. The associated sample is: (400-201463-B-1-A PDS ^5).

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-526704 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike (MS) recoveries for analytical batch 400-528104 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 Cl- E: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-204 (400-201496-3). 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-203 (400-201496-2), MW-204 (400-201496-3) and MW-205 (400-201496-4). Elevated reporting limits (RLs) are provided.

Detection Summary

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: MW-202 — Lab Sample ID: 400-201496-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.022		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.085		0.050	0.018	mg/L	5		6020	Total Recoverable
Cadmium	0.00056	I V	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	7.0		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00095	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Mercury	0.000070	I	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	110		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	13		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.090	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	19		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.84				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-203 — Lab Sample ID: 400-201496-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00080	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.021		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.73		0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	35		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00062	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0052	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0016		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	260		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	21		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	80		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	5.29				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-204 — Lab Sample ID: 400-201496-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.025		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Beryllium	0.00042	I	0.0025	0.00017	mg/L	5		6020	Total Recoverable
Boron	5.0		1.0	0.36	mg/L	100		6020	Total Recoverable
Calcium	60		0.50	0.25	mg/L	10		6020	Total Recoverable
Cobalt	0.011		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.0017		0.0013	0.00029	mg/L	5		6020	Total Recoverable
Lithium	0.0052	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-204 (Continued) — Lab Sample ID: 400-201496-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0039		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00024	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	660		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	98		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.21		0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	310		130	35	mg/L	25		SM 4500 SO4 E	Total/NA
Field pH	4.31				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-205 — Lab Sample ID: 400-201496-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00046	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.059		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	1.2		0.50	0.18	mg/L	50		6020	Total Recoverable
Calcium	31		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0022	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00060	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Lithium	0.0031	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0018		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	250		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	32		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.050	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	120		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	4.80				SU	1		Field Sampling	Total/NA

Client Sample ID: EB-03 — Lab Sample ID: 400-201496-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00033	I V	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Lithium	0.0060	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable

Client Sample ID: FB-03 — Lab Sample ID: 400-201496-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0019	I	0.0050	0.0019	mg/L	5		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: 400-201496-1
SDG: Upgradient E

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: 400-201496-1
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201496-1	MW-202	Water	04/01/21 13:40	04/02/21 15:52	
400-201496-2	MW-203	Water	04/01/21 15:00	04/02/21 15:52	
400-201496-3	MW-204	Water	04/01/21 15:20	04/02/21 15:52	
400-201496-4	MW-205	Water	04/01/21 16:28	04/02/21 15:52	
400-201496-5	EB-03	Water	04/01/21 14:00	04/02/21 15:52	
400-201496-6	FB-03	Water	04/01/21 13:11	04/02/21 15:52	

Client Sample Results

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: MW-202

Date Collected: 04/01/21 13:40
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-1

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		04/08/21 10:21	04/08/21 21:08	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 21:08	5
Barium	**0.022**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 21:35	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 21:08	5
Boron	**0.085**		0.050	0.018	mg/L		04/08/21 10:21	04/08/21 21:08	5
Cadmium	**0.00056**	**I V**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 21:08	5
Calcium	**7.0**		0.25	0.13	mg/L		04/08/21 10:21	04/08/21 21:08	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 21:08	5
Cobalt	**0.00095**	**I**	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 21:08	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 21:08	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 21:08	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 21:08	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 21:08	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 21:08	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000070**	**I**	0.00020	0.000070	mg/L		04/07/21 08:18	04/07/21 14:36	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**110**		5.0	5.0	mg/L			04/07/21 13:51	1
Chloride	**13**		2.0	1.4	mg/L			04/11/21 23:31	1
Fluoride	**0.090**	**I**	0.10	0.032	mg/L			04/19/21 12:41	1
Sulfate	**19**		5.0	1.4	mg/L			04/12/21 03:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.84**				SU			04/01/21 13:40	1

Client Sample Results

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: MW-203

Date Collected: 04/01/21 15:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-2

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		04/08/21 10:21	04/08/21 21:12	5
Arsenic	**0.00080**	**I**	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 21:12	5
Barium	**0.021**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 21:39	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 21:12	5
Boron	**0.73**		0.050	0.018	mg/L		04/08/21 10:21	04/08/21 21:12	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 21:12	5
Calcium	**35**		0.25	0.13	mg/L		04/08/21 10:21	04/08/21 21:12	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 21:12	5
Cobalt	**0.00062**	**I**	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 21:12	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 21:12	5
Lithium	**0.0052**	**V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 21:12	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 21:12	5
Selenium	**0.0016**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 21:12	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 21:12	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		04/07/21 08:18	04/07/21 14:44	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**260**		5.0	5.0	mg/L			04/07/21 13:51	1
Chloride	**21**		2.0	1.4	mg/L			04/11/21 23:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/19/21 12:45	1
Sulfate	**80**		50	14	mg/L			04/12/21 03:43	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.29**				SU			04/01/21 15:00	1

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: MW-204

Date Collected: 04/01/21 15:20
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-3

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		04/08/21 10:21	04/08/21 21:16	5
Arsenic	0.0078	U	0.025	0.0078	mg/L		04/08/21 10:21	04/09/21 21:51	100
Barium	**0.025**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 21:43	5
Beryllium	**0.00042**	**I**	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 21:16	5
Boron	**5.0**		1.0	0.36	mg/L		04/08/21 10:21	04/09/21 21:51	100
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 21:16	5
Calcium	**60**		0.50	0.25	mg/L		04/08/21 10:21	04/09/21 21:47	10
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 21:16	5
Cobalt	**0.011**		0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 21:16	5
Lead	**0.0017**		0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 21:16	5
Lithium	**0.0052**	**V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 21:16	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 21:16	5
Selenium	**0.0039**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 21:16	5
Thallium	**0.00024**	**I**	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 21:16	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		04/07/21 08:18	04/07/21 14:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**660**		5.0	5.0	mg/L			04/06/21 15:43	1
Chloride	**98**		10	7.0	mg/L			04/12/21 00:00	5
Fluoride	**0.21**		0.10	0.032	mg/L			04/19/21 12:49	1
Sulfate	**310**		130	35	mg/L			04/12/21 03:43	25

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.31**				SU			04/01/21 15:20	1

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: MW-205

Date Collected: 04/01/21 16:28
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-4

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		04/08/21 10:21	04/08/21 21:20	5
Arsenic	**0.00046**	**I**	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 21:20	5
Barium	**0.059**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 21:55	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 21:20	5
Boron	**1.2**		0.50	0.18	mg/L		04/08/21 10:21	04/09/21 21:58	50
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 21:20	5
Calcium	**31**		0.25	0.13	mg/L		04/08/21 10:21	04/08/21 21:20	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 21:20	5
Cobalt	**0.0022**	**I**	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 21:20	5
Lead	**0.00060**	**I**	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 21:20	5
Lithium	**0.0031**	**I V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 21:20	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 21:20	5
Selenium	**0.0018**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 21:20	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 21:20	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		04/07/21 08:18	04/07/21 14:47	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**250**		5.0	5.0	mg/L			04/07/21 13:51	1
Chloride	**32**		2.0	1.4	mg/L			04/11/21 23:34	1
Fluoride	**0.050**	**I**	0.10	0.032	mg/L			04/19/21 12:53	1
Sulfate	**120**		50	14	mg/L			04/12/21 03:43	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.80**				SU			04/01/21 16:28	1

Client Sample Results

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: EB-03
Date Collected: 04/01/21 14:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-5
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		04/08/21 10:21	04/08/21 21:24	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 21:24	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 22:02	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 21:24	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 21:24	5
Cadmium	**0.00033**	**I V**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 21:24	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 10:21	04/08/21 21:24	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 21:24	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 21:24	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 21:24	5
Lithium	**0.0060**	**V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 21:24	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 21:24	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 21:24	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 21:24	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		04/07/21 08:18	04/07/21 14:49	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			04/07/21 13:51	1
Chloride	1.4	U	2.0	1.4	mg/L			04/11/21 23:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/19/21 12:53	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/21 03:37	1

Client Sample Results

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: FB-03

Date Collected: 04/01/21 13:11
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-6

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		04/08/21 11:13	04/08/21 21:43	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 21:43	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 17:39	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 21:43	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 21:43	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 21:43	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 11:13	04/08/21 21:43	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 21:43	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 21:43	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 21:43	5
Lithium	**0.0019**	**I**	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 21:43	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 21:43	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 21:43	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 21:43	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		04/07/21 08:18	04/07/21 14:51	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			04/07/21 13:51	1
Chloride	1.4	U	2.0	1.4	mg/L			04/11/21 23:34	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/19/21 12:58	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/21 03:30	1

Definitions/Glossary

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

Job ID: 400-201496-1
SDG: Upgradient E

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-202

Lab Sample ID: 400-201496-1

Date Collected: 04/01/21 13:40

Matrix: Water

Date Received: 04/02/21 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 21:08	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 21:35	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:36	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527150	04/11/21 23:31	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	528104	04/19/21 12:41	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527152	04/12/21 03:30	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 13:40	EHS	TAL PEN

Client Sample ID: MW-203

Lab Sample ID: 400-201496-2

Date Collected: 04/01/21 15:00

Matrix: Water

Date Received: 04/02/21 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 21:12	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 21:39	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:44	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527150	04/11/21 23:34	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	528104	04/19/21 12:45	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	527152	04/12/21 03:43	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 15:00	EHS	TAL PEN

Client Sample ID: MW-204

Lab Sample ID: 400-201496-3

Date Collected: 04/01/21 15:20

Matrix: Water

Date Received: 04/02/21 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 21:16	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 21:43	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		10	527142	04/09/21 21:47	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		100	527142	04/09/21 21:51	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:45	NET	TAL PEN

Client Sample ID: MW-204

Date Collected: 04/01/21 15:20
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	526536	04/06/21 15:43	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	527150	04/12/21 00:00	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	528104	04/19/21 12:49	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		25	527152	04/12/21 03:43	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 15:20	EHS	TAL PEN

Client Sample ID: MW-205

Date Collected: 04/01/21 16:28
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 21:20	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 21:55	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		50	527142	04/09/21 21:58	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:47	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527150	04/11/21 23:34	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	528104	04/19/21 12:53	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	527152	04/12/21 03:43	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 16:28	EHS	TAL PEN

Client Sample ID: EB-03

Date Collected: 04/01/21 14:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 21:24	LDC	TAL PEN
Total Recoverable	Prep	3005A			526798	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 22:02	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:49	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527150	04/11/21 23:34	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	528104	04/19/21 12:53	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527152	04/12/21 03:37	DN1	TAL PEN

Lab Chronicle

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

Job ID: 400-201496-1
SDG: Upgradient E

Client Sample ID: FB-03

Date Collected: 04/01/21 13:11
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 21:43	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 17:39	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:51	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527150	04/11/21 23:34	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	528104	04/19/21 12:58	RRC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527152	04/12/21 03:30	DN1	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 526530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	7470A	
400-201496-2	MW-203	Total/NA	Water	7470A	
400-201496-3	MW-204	Total/NA	Water	7470A	
400-201496-4	MW-205	Total/NA	Water	7470A	
400-201496-5	EB-03	Total/NA	Water	7470A	
400-201496-6	FB-03	Total/NA	Water	7470A	
MB 400-526530/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-526530/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-201496-1 MS	MW-202	Total/NA	Water	7470A	
400-201496-1 MSD	MW-202	Total/NA	Water	7470A	

Analysis Batch: 526741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	7470A	526530
400-201496-2	MW-203	Total/NA	Water	7470A	526530
400-201496-3	MW-204	Total/NA	Water	7470A	526530
400-201496-4	MW-205	Total/NA	Water	7470A	526530
400-201496-5	EB-03	Total/NA	Water	7470A	526530
400-201496-6	FB-03	Total/NA	Water	7470A	526530
MB 400-526530/14-A	Method Blank	Total/NA	Water	7470A	526530
LCS 400-526530/15-A	Lab Control Sample	Total/NA	Water	7470A	526530
400-201496-1 MS	MW-202	Total/NA	Water	7470A	526530
400-201496-1 MSD	MW-202	Total/NA	Water	7470A	526530

Prep Batch: 526798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total Recoverable	Water	3005A	
400-201496-2	MW-203	Total Recoverable	Water	3005A	
400-201496-3	MW-204	Total Recoverable	Water	3005A	
400-201496-4	MW-205	Total Recoverable	Water	3005A	
400-201496-5	EB-03	Total Recoverable	Water	3005A	
MB 400-526798/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-526798/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-201463-B-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-201463-B-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 526819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-6	FB-03	Total Recoverable	Water	3005A	
MB 400-526819/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-526819/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-201500-C-1-C MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-201500-C-1-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 526961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total Recoverable	Water	6020	526798
400-201496-2	MW-203	Total Recoverable	Water	6020	526798
400-201496-3	MW-204	Total Recoverable	Water	6020	526798
400-201496-4	MW-205	Total Recoverable	Water	6020	526798
400-201496-5	EB-03	Total Recoverable	Water	6020	526798

Metals (Continued)

Analysis Batch: 526961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-6	FB-03	Total Recoverable	Water	6020	526819
MB 400-526798/1-A ^5	Method Blank	Total Recoverable	Water	6020	526798
MB 400-526819/1-A ^5	Method Blank	Total Recoverable	Water	6020	526819
LCS 400-526798/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526798
LCS 400-526819/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526819
400-201463-B-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	526798
400-201463-B-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	526798
400-201500-C-1-C MS ^5	Matrix Spike	Total Recoverable	Water	6020	526819
400-201500-C-1-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	526819

Analysis Batch: 527142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total Recoverable	Water	6020	526798
400-201496-2	MW-203	Total Recoverable	Water	6020	526798
400-201496-3	MW-204	Total Recoverable	Water	6020	526798
400-201496-3	MW-204	Total Recoverable	Water	6020	526798
400-201496-3	MW-204	Total Recoverable	Water	6020	526798
400-201496-4	MW-205	Total Recoverable	Water	6020	526798
400-201496-4	MW-205	Total Recoverable	Water	6020	526798
400-201496-5	EB-03	Total Recoverable	Water	6020	526798
400-201496-6	FB-03	Total Recoverable	Water	6020	526819
MB 400-526798/1-A ^5	Method Blank	Total Recoverable	Water	6020	526798
MB 400-526819/1-A ^5	Method Blank	Total Recoverable	Water	6020	526819
LCS 400-526798/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526798
LCS 400-526819/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526819
400-201463-B-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	526798
400-201463-B-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	526798

General Chemistry

Analysis Batch: 526536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-3	MW-204	Total/NA	Water	SM 2540C	
MB 400-526536/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-526536/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-201463-A-4 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 526704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	SM 2540C	
400-201496-2	MW-203	Total/NA	Water	SM 2540C	
400-201496-4	MW-205	Total/NA	Water	SM 2540C	
400-201496-5	EB-03	Total/NA	Water	SM 2540C	
400-201496-6	FB-03	Total/NA	Water	SM 2540C	
MB 400-526704/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-526704/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-201424-A-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 527150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	SM 4500 Cl- E	

General Chemistry (Continued)

Analysis Batch: 527150 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-2	MW-203	Total/NA	Water	SM 4500 Cl- E	
400-201496-3	MW-204	Total/NA	Water	SM 4500 Cl- E	
400-201496-4	MW-205	Total/NA	Water	SM 4500 Cl- E	
400-201496-5	EB-03	Total/NA	Water	SM 4500 Cl- E	
400-201496-6	FB-03	Total/NA	Water	SM 4500 Cl- E	
MB 400-527150/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-527150/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-527150/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-201416-A-6 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-201416-A-6 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 527152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	SM 4500 SO4 E	
400-201496-2	MW-203	Total/NA	Water	SM 4500 SO4 E	
400-201496-3	MW-204	Total/NA	Water	SM 4500 SO4 E	
400-201496-4	MW-205	Total/NA	Water	SM 4500 SO4 E	
400-201496-5	EB-03	Total/NA	Water	SM 4500 SO4 E	
400-201496-6	FB-03	Total/NA	Water	SM 4500 SO4 E	
MB 400-527152/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-527152/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-527152/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-201496-5 MS	EB-03	Total/NA	Water	SM 4500 SO4 E	
400-201496-5 MSD	EB-03	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 528104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	SM 4500 F C	
400-201496-2	MW-203	Total/NA	Water	SM 4500 F C	
400-201496-3	MW-204	Total/NA	Water	SM 4500 F C	
400-201496-4	MW-205	Total/NA	Water	SM 4500 F C	
400-201496-5	EB-03	Total/NA	Water	SM 4500 F C	
400-201496-6	FB-03	Total/NA	Water	SM 4500 F C	
MB 400-528104/1	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-528104/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-201613-D-3 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-201613-D-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 527582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	Field Sampling	
400-201496-2	MW-203	Total/NA	Water	Field Sampling	
400-201496-3	MW-204	Total/NA	Water	Field Sampling	
400-201496-4	MW-205	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-526798/1-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 526798

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/08/21 10:21	04/08/21 19:31	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 19:31	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:31	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 19:31	5
Cadmium	0.000315	I	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:31	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 10:21	04/08/21 19:31	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 19:31	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:31	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:31	5
Lithium	0.00352	I	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:31	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 19:31	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:31	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:31	5

Lab Sample ID: MB 400-526798/1-A ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 526798

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 19:10	5

Lab Sample ID: LCS 400-526798/2-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526798

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0478		mg/L		96	80 - 120
Arsenic	0.0500	0.0496		mg/L		99	80 - 120
Beryllium	0.0500	0.0503		mg/L		101	80 - 120
Boron	0.100	0.104		mg/L		104	80 - 120
Cadmium	0.0500	0.0554		mg/L		111	80 - 120
Calcium	5.00	4.70		mg/L		94	80 - 120
Chromium	0.0500	0.0512		mg/L		102	80 - 120
Cobalt	0.0500	0.0510		mg/L		102	80 - 120
Lead	0.0500	0.0469		mg/L		94	80 - 120
Lithium	0.0500	0.0493		mg/L		99	80 - 120
Molybdenum	0.0500	0.0515		mg/L		103	80 - 120
Selenium	0.0500	0.0509		mg/L		102	80 - 120
Thallium	0.0100	0.00969		mg/L		97	80 - 120

Lab Sample ID: LCS 400-526798/2-A ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526798

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0500	0.0482		mg/L		96	80 - 120

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

Lab Sample ID: 400-201463-B-1-B MS ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 526798

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0465		mg/L		93	75 - 125
Arsenic	0.00054	I	0.0500	0.0503		mg/L		100	75 - 125
Beryllium	0.00017	U	0.0500	0.0544		mg/L		109	75 - 125
Boron	0.064		0.100	0.162		mg/L		97	75 - 125
Cadmium	0.00028	U	0.0500	0.0511		mg/L		102	75 - 125
Chromium	0.0010	I	0.0500	0.0494		mg/L		99	75 - 125
Cobalt	0.00056	U	0.0500	0.0492		mg/L		98	75 - 125
Lead	0.00029	U	0.0500	0.0474		mg/L		95	75 - 125
Lithium	0.028	V	0.0500	0.0705		mg/L		85	75 - 125
Molybdenum	0.0045	U	0.0500	0.0500		mg/L		100	75 - 125
Selenium	0.00082	U	0.0500	0.0519		mg/L		104	75 - 125
Thallium	0.00012	U	0.0100	0.00996		mg/L		100	75 - 125

Lab Sample ID: 400-201463-B-1-B MS ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 526798

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.29		0.0500	0.331		mg/L		78	75 - 125

Lab Sample ID: 400-201463-B-1-C MSD ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 526798

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	0.0469		mg/L		94	75 - 125	1	20
Arsenic	0.00054	I	0.0500	0.0483		mg/L		96	75 - 125	4	20
Beryllium	0.00017	U	0.0500	0.0519		mg/L		104	75 - 125	5	20
Boron	0.064		0.100	0.155		mg/L		90	75 - 125	4	20
Cadmium	0.00028	U	0.0500	0.0504		mg/L		101	75 - 125	1	20
Chromium	0.0010	I	0.0500	0.0489		mg/L		98	75 - 125	1	20
Cobalt	0.00056	U	0.0500	0.0494		mg/L		99	75 - 125	0	20
Lead	0.00029	U	0.0500	0.0470		mg/L		94	75 - 125	1	20
Lithium	0.028	V	0.0500	0.0694		mg/L		82	75 - 125	2	20
Molybdenum	0.0045	U	0.0500	0.0516		mg/L		103	75 - 125	3	20
Selenium	0.00082	U	0.0500	0.0507		mg/L		101	75 - 125	2	20
Thallium	0.00012	U	0.0100	0.00968		mg/L		97	75 - 125	3	20

Lab Sample ID: 400-201463-B-1-C MSD ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 526798

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.29		0.0500	0.333		mg/L		82	75 - 125	1	20

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

Lab Sample ID: MB 400-526819/1-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/08/21 11:13	04/08/21 21:35	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 21:35	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 21:35	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 21:35	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 21:35	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 11:13	04/08/21 21:35	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 21:35	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 21:35	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 21:35	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 21:35	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 21:35	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 21:35	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 21:35	5

Lab Sample ID: MB 400-526819/1-A ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 17:31	5

Lab Sample ID: LCS 400-526819/2-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0478		mg/L		96	80 - 120
Arsenic	0.0500	0.0501		mg/L		100	80 - 120
Beryllium	0.0500	0.0524		mg/L		105	80 - 120
Boron	0.100	0.102		mg/L		102	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.78		mg/L		96	80 - 120
Chromium	0.0500	0.0502		mg/L		100	80 - 120
Cobalt	0.0500	0.0507		mg/L		101	80 - 120
Lead	0.0500	0.0482		mg/L		96	80 - 120
Lithium	0.0500	0.0511		mg/L		102	80 - 120
Molybdenum	0.0500	0.0530		mg/L		106	80 - 120
Selenium	0.0500	0.0502		mg/L		100	80 - 120
Thallium	0.0100	0.00995		mg/L		99	80 - 120

Lab Sample ID: LCS 400-526819/2-A ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0500	0.0486		mg/L		97	80 - 120

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

Lab Sample ID: 400-201500-C-1-C MS ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0488		mg/L		98	75 - 125
Arsenic	0.00079	I	0.0500	0.0515		mg/L		101	75 - 125
Beryllium	0.00017	U	0.0500	0.0505		mg/L		101	75 - 125
Cadmium	0.00028	U	0.0500	0.0527		mg/L		105	75 - 125
Chromium	0.0010	U	0.0500	0.0516		mg/L		103	75 - 125
Cobalt	0.0012	I	0.0500	0.0524		mg/L		102	75 - 125
Lead	0.00029	U	0.0500	0.0492		mg/L		98	75 - 125
Lithium	0.0038	I	0.0500	0.0502		mg/L		93	75 - 125
Molybdenum	0.0045	U	0.0500	0.0532		mg/L		106	75 - 125
Selenium	0.0015		0.0500	0.0537		mg/L		104	75 - 125
Thallium	0.00012	U	0.0100	0.0103		mg/L		103	75 - 125

Lab Sample ID: 400-201500-C-1-D MSD ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 526819

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	0.0479		mg/L		96	75 - 125	2	20
Arsenic	0.00079	I	0.0500	0.0513		mg/L		101	75 - 125	0	20
Beryllium	0.00017	U	0.0500	0.0501		mg/L		100	75 - 125	1	20
Cadmium	0.00028	U	0.0500	0.0528		mg/L		106	75 - 125	0	20
Chromium	0.0010	U	0.0500	0.0498		mg/L		100	75 - 125	4	20
Cobalt	0.0012	I	0.0500	0.0521		mg/L		102	75 - 125	1	20
Lead	0.00029	U	0.0500	0.0489		mg/L		98	75 - 125	1	20
Lithium	0.0038	I	0.0500	0.0497		mg/L		92	75 - 125	1	20
Molybdenum	0.0045	U	0.0500	0.0514		mg/L		103	75 - 125	3	20
Selenium	0.0015		0.0500	0.0532		mg/L		103	75 - 125	1	20
Thallium	0.00012	U	0.0100	0.0100		mg/L		100	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-526530/14-A
Matrix: Water
Analysis Batch: 526741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526530

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/07/21 08:18	04/07/21 14:25	1

Lab Sample ID: LCS 400-526530/15-A
Matrix: Water
Analysis Batch: 526741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00102		mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-201496-1 MS
Matrix: Water
Analysis Batch: 526741

Client Sample ID: MW-202
Prep Type: Total/NA
Prep Batch: 526530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	I	0.00201	0.00196		mg/L		97	80 - 120

Lab Sample ID: 400-201496-1 MSD
Matrix: Water
Analysis Batch: 526741

Client Sample ID: MW-202
Prep Type: Total/NA
Prep Batch: 526530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	I	0.00201	0.00186		mg/L		92	80 - 120	6	20

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

Lab Sample ID: MB 400-526536/1
Matrix: Water
Analysis Batch: 526536

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			04/06/21 15:43	1

Lab Sample ID: LCS 400-526536/2
Matrix: Water
Analysis Batch: 526536

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: 400-201463-A-4 DU
Matrix: Water
Analysis Batch: 526536

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	450		468		mg/L		3	5

Lab Sample ID: MB 400-526704/1
Matrix: Water
Analysis Batch: 526704

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			04/07/21 13:51	1

Lab Sample ID: LCS 400-526704/2
Matrix: Water
Analysis Batch: 526704

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

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

Lab Sample ID: 400-201424-A-5 DU
Matrix: Water
Analysis Batch: 526704

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	28		64.0	J3	mg/L		78	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-527150/6
Matrix: Water
Analysis Batch: 527150

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			04/11/21 23:31	1

Lab Sample ID: LCS 400-527150/7
Matrix: Water
Analysis Batch: 527150

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	30.1		mg/L		100	90 - 110

Lab Sample ID: MRL 400-527150/3
Matrix: Water
Analysis Batch: 527150

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	2.16		mg/L		108	50 - 150

Lab Sample ID: 400-201416-A-6 MS
Matrix: Water
Analysis Batch: 527150

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	9.1		10.0	19.5		mg/L		104	73 - 120

Lab Sample ID: 400-201416-A-6 MSD
Matrix: Water
Analysis Batch: 527150

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	9.1		10.0	19.3		mg/L		102	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-528104/1
Matrix: Water
Analysis Batch: 528104

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			04/19/21 12:13	1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 400-528104/4
Matrix: Water
Analysis Batch: 528104

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	5.24		mg/L		105	90 - 110		

Lab Sample ID: 400-201613-D-3 MS
Matrix: Water
Analysis Batch: 528104

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	5.8		1.00	7.04	J3	mg/L		126	75 - 125		

Lab Sample ID: 400-201613-D-3 MSD
Matrix: Water
Analysis Batch: 528104

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	5.8		1.00	6.91		mg/L		113	75 - 125	2	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-527152/6
Matrix: Water
Analysis Batch: 527152

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			04/12/21 03:30	1

Lab Sample ID: LCS 400-527152/7
Matrix: Water
Analysis Batch: 527152

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	16.1		mg/L		107	90 - 110		

Lab Sample ID: MRL 400-527152/3
Matrix: Water
Analysis Batch: 527152

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	4.24	I	mg/L		85	50 - 150		

Lab Sample ID: 400-201496-5 MS
Matrix: Water
Analysis Batch: 527152

Client Sample ID: EB-03
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	9.55		mg/L		95	77 - 128		

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 400-201496-5 MSD
Matrix: Water
Analysis Batch: 527152

Client Sample ID: EB-03
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	9.79		mg/L		98	77 - 128	3	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: Rick Hagendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101868-34082.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #: 400-201496 COC

Address: BIN 731 One Energy Place	Due Date Requested:	Analysis Requested
City: Pensacola	TAT Requested (days):	
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No	
Phone: 850-444-6427(Tel)	PO #: 2000339513	
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117	
Project Name: CCR Plant Crist	Project #: 40005424	
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 (Y or N)	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-202	4/21-	1340	G	Water			X	X	X	X	X	X		
MW-203	4-1-21	1500	G	Water			X	X	X	X	X	X		
MW-204	4-1-21	1520	G	Water			X	X	X	X	X	X		
MW-205	4-1-21	1628	G	Water			X	X	X	X	X	X		
EB-03	4-1-21	1400	G	Water			X	X		X	X	X		
FB-03	4-1-21	1311	G	Water			X	X		X	X	X		

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
	4-2-21 1552	GPT		4-2-21 1552	
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: 2.5, 1.6 °C FR 7

Ver: 11/01/2020

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4/21/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201496-1
SDG Number: Upgradient E

Login Number: 201496
List Number: 1
Creator: Conrady, Hank W

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 1.6°C IR-7
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: 400-201496-1
SDG: Upgradient E

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	01-12-22
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	10-31-21
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-21
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
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
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	P330-21-00056	05-17-21
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-21
West Virginia DEP	State	136	06-30-21

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-201496-2
Laboratory Sample Delivery Group: Upgradient E
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:
5/3/2021 9:43:05 AM

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

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Job ID: 400-201496-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201496-2

RAD

Method 9315: Radium-226 Batch 160-504961. 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-202 (400-201496-1), MW-203 (400-201496-2), MW-204 (400-201496-3), MW-205 (400-201496-4), EB-03 (400-201496-5), FB-03 (400-201496-6), (LCS 160-504961/1-A), (LCSD 160-504961/2-A) and (MB 160-504961/20-A)

Method 9320: Radium-228 prep batch 160-504965. 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-202 (400-201496-1), MW-203 (400-201496-2), MW-204 (400-201496-3), MW-205 (400-201496-4), EB-03 (400-201496-5), FB-03 (400-201496-6), (LCS 160-504965/1-A), (LCSD 160-504965/2-A) and (MB 160-504965/20-A)

Method PrecSep_0: Radium 226 Prep Batch 160-504965. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-202 (400-201496-1), MW-203 (400-201496-2), MW-204 (400-201496-3), MW-205 (400-201496-4), EB-03 (400-201496-5) and FB-03 (400-201496-6). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 Prep batch 160-504961. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-202 (400-201496-1), MW-203 (400-201496-2), MW-204 (400-201496-3), MW-205 (400-201496-4), EB-03 (400-201496-5) and FB-03 (400-201496-6). 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: 400-201496-2
SDG: Upgradient E

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

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

Job ID: 400-201496-2
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201496-1	MW-202	Water	04/01/21 13:40	04/02/21 15:52	
400-201496-2	MW-203	Water	04/01/21 15:00	04/02/21 15:52	
400-201496-3	MW-204	Water	04/01/21 15:20	04/02/21 15:52	
400-201496-4	MW-205	Water	04/01/21 16:28	04/02/21 15:52	
400-201496-5	EB-03	Water	04/01/21 14:00	04/02/21 15:52	
400-201496-6	FB-03	Water	04/01/21 13:11	04/02/21 15:52	

Client Sample Results

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

Job ID: 400-201496-2
SDG: Upgradient E

Client Sample ID: MW-202

Date Collected: 04/01/21 13:40
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-1

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	0.572		0.187	0.194	1.00	0.175	pCi/L	04/08/21 11:58	04/30/21 10:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:15*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.661		0.306	0.312	1.00	0.440	pCi/L	04/08/21 12:17	04/27/21 12:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:44*	*1*
Y Carrier	*84.5*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:44*	*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	1.23		0.359	0.367	5.00	0.440	pCi/L		04/30/21 20:18	1

Client Sample ID: MW-203

Date Collected: 04/01/21 15:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-2

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	1.10		0.250	0.268	1.00	0.190	pCi/L	04/08/21 11:58	04/30/21 10:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.78		0.447	0.515	1.00	0.444	pCi/L	04/08/21 12:17	04/27/21 12:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:44*	*1*
Y Carrier	*84.5*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:44*	*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	3.88		0.512	0.581	5.00	0.444	pCi/L		04/30/21 20:18	1

Client Sample Results

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

Job ID: 400-201496-2
SDG: Upgradient E

Client Sample ID: MW-204

Date Collected: 04/01/21 15:20
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-3

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	1.35		0.275	0.300	1.00	0.181	pCi/L	04/08/21 11:58	04/30/21 10:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	12.0		0.826	1.38	1.00	0.466	pCi/L	04/08/21 12:17	04/27/21 12:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*1*
Y Carrier	*85.2*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*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	13.4		0.871	1.41	5.00	0.466	pCi/L		04/30/21 20:18	1

Client Sample ID: MW-205

Date Collected: 04/01/21 16:28
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-4

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	1.35		0.269	0.295	1.00	0.185	pCi/L	04/08/21 11:58	04/30/21 10:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.85		0.390	0.426	1.00	0.443	pCi/L	04/08/21 12:17	04/27/21 12:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*1*
Y Carrier	*83.7*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*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	3.20		0.474	0.518	5.00	0.443	pCi/L		04/30/21 20:18	1

Client Sample ID: EB-03
Date Collected: 04/01/21 14:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-5
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	0.0327	U	0.110	0.110	1.00	0.205	pCi/L	04/08/21 11:58	04/30/21 10:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.190	U	0.255	0.255	1.00	0.425	pCi/L	04/08/21 12:17	04/27/21 12:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*1*
Y Carrier	*84.1*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*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	0.223	U	0.278	0.278	5.00	0.425	pCi/L		04/30/21 20:18	1

Client Sample ID: FB-03

Date Collected: 04/01/21 13:11
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-6

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	-0.0357	U	0.0670	0.0670	1.00	0.169	pCi/L	04/08/21 11:58	04/30/21 10:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0137	U	0.266	0.266	1.00	0.480	pCi/L	04/08/21 12:17	04/27/21 12:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*1*
Y Carrier	*83.7*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*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	-0.0495	U	0.274	0.274	5.00	0.480	pCi/L		04/30/21 20:18	1

Definitions/Glossary

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

Job ID: 400-201496-2
SDG: Upgradient E

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: 400-201496-2
SDG: Upgradient E

Client Sample ID: MW-202
Date Collected: 04/01/21 13:40
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:15	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:44	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: MW-203
Date Collected: 04/01/21 15:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:16	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:44	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: MW-204
Date Collected: 04/01/21 15:20
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:16	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:45	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: MW-205
Date Collected: 04/01/21 16:28
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:16	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:45	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Lab Chronicle

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

Job ID: 400-201496-2
SDG: Upgradient E

Client Sample ID: EB-03
Date Collected: 04/01/21 14:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:16	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:45	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: FB-03
Date Collected: 04/01/21 13:11
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201496-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:16	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:45	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Laboratory References:

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

QC Association Summary

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

Job ID: 400-201496-2
SDG: Upgradient E

Rad

Prep Batch: 504961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	PrecSep-21	
400-201496-2	MW-203	Total/NA	Water	PrecSep-21	
400-201496-3	MW-204	Total/NA	Water	PrecSep-21	
400-201496-4	MW-205	Total/NA	Water	PrecSep-21	
400-201496-5	EB-03	Total/NA	Water	PrecSep-21	
400-201496-6	FB-03	Total/NA	Water	PrecSep-21	
MB 160-504961/20-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-504961/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-504961/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 504965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201496-1	MW-202	Total/NA	Water	PrecSep_0	
400-201496-2	MW-203	Total/NA	Water	PrecSep_0	
400-201496-3	MW-204	Total/NA	Water	PrecSep_0	
400-201496-4	MW-205	Total/NA	Water	PrecSep_0	
400-201496-5	EB-03	Total/NA	Water	PrecSep_0	
400-201496-6	FB-03	Total/NA	Water	PrecSep_0	
MB 160-504965/20-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-504965/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-504965/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-504961/20-A
Matrix: Water
Analysis Batch: 507859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504961

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04082	U	0.106	0.106	1.00	0.196	pCi/L	04/08/21 11:58	04/30/21 10:20	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.8*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:20*	*1*

Lab Sample ID: LCS 160-504961/1-A
Matrix: Water
Analysis Batch: 507860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504961

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	10.65		1.19	1.00	0.164	pCi/L	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.9*		*40 - 110*

Lab Sample ID: LCSD 160-504961/2-A
Matrix: Water
Analysis Batch: 507860

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504961

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	10.20		1.16	1.00	0.178	pCi/L	90	75 - 125	0.19	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*84.4*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-504965/20-A
Matrix: Water
Analysis Batch: 507309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504965

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1869	U	0.261	0.262	1.00	0.437	pCi/L	04/08/21 12:17	04/27/21 12:50	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.8*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:50*	*1*
Y Carrier	*87.5*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:50*	*1*

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

Lab Sample ID: LCS 160-504965/1-A
Matrix: Water
Analysis Batch: 507329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504965

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			7.25	7.326		0.928	1.00	0.425	pCi/L	101	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.9*		*40 - 110*
Y Carrier	*82.6*		*40 - 110*

Lab Sample ID: LCSD 160-504965/2-A
Matrix: Water
Analysis Batch: 507329

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504965

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			7.25	8.016		1.00	1.00	0.442	pCi/L	111	75 - 125	0.36	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*84.4*		*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

eurofins | Environment Testing America

Client Information	Sampler: Rick Hagendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101868-34082.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #: 400-201496 COC

Address: BIN 731 One Energy Place	Due Date Requested:	
City: Pensacola	TAT Requested (days):	
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No	
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		
MW-202	4/21-	1340	G	Water			X	X	X	X	X	X		
MW-203	4-1-21	1500	G	Water			X	X	X	X	X	X		
MW-204	4-1-21	1520	G	Water			X	X	X	X	X	X		
MW-205	4-1-21	1628	G	Water			X	X	X	X	X	X		
EB-03	4-1-21	1400	C	Water			X	X		X	X	X		
FB-03	4-1-21	1311	G	Water			X	X		X	X	X		

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: 4-2-21 1552	Company: GPT	Received by:	Date/Time: 4-2-21 1552	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: 2.5, 1.6 °C FR 7

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201496-2
SDG Number: Upgradient E

Login Number: 201496
List Number: 1
Creator: Conrady, Hank W

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 1.6°C IR-7
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: 400-201496-2
SDG Number: Upgradient E

Login Number: 201496
List Number: 2
Creator: Worthington, Sierra M

List Source: Eurofins TestAmerica, St. Louis
List Creation: 04/07/21 01:35 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.	True	
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: 400-201496-2
SDG: Upgradient E

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
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	11-30-21
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-21
Louisiana (DW)	State	LA011	12-31-21
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	04-01-22
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	03-01-22
South Carolina	State	85002001	06-30-21
Texas	NELAP	T104704193	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.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-201414-1
Laboratory Sample Delivery Group: Downgradient D
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:
4/20/2021 4:36:27 PM

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

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Job ID: 400-201414-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201414-1

Metals
Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-200 (400-201414-1), MW-201 (400-201414-2), MW-206 (400-201414-3) and DUP-04 (400-201414-4). Elevated reporting limits (RLs) are provided.

Method 6020: The method blank for preparation batch 400-526797 and analytical batch 400-526961contained Arsenic and Lithium 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.

General Chemistry
Method SM 4500 F C: The method blank for analytical batch 400-527753 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-200 (400-201414-1), MW-201 (400-201414-2), MW-206 (400-201414-3) and DUP-04 (400-201414-4). 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-200 (400-201414-1), MW-201 (400-201414-2), MW-206 (400-201414-3) and DUP-04 (400-201414-4). Elevated reporting limits (RLs) are provided.

Detection Summary

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

Job ID: 400-201414-1
SDG: Downgradient D

Client Sample ID: MW-200 — Lab Sample ID: 400-201414-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.031		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.9		1.0	0.36	mg/L	100		6020	Total Recoverable
Cadmium	0.0012	I	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	75		5.0	2.5	mg/L	100		6020	Total Recoverable
Cobalt	0.0013	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00058	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Selenium	0.0042		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Mercury	0.00025		0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	640		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	130		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.070	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	84		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	5.06				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-201 — Lab Sample ID: 400-201414-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.055		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	4.0		1.0	0.36	mg/L	100		6020	Total Recoverable
Cadmium	0.0012	I	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	75		5.0	2.5	mg/L	100		6020	Total Recoverable
Chromium	0.0018	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.0012	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00057	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Lithium	0.0050	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0036		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00012	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Mercury	0.00029		0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	650		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	140		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.50	J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	110		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	4.52				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-206 — Lab Sample ID: 400-201414-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00064	I V	0.0013	0.00039	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Client Sample ID: MW-206 (Continued) — Lab Sample ID: 400-201414-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.051		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	19		2.0	0.72	mg/L	200		6020	Total Recoverable
Cadmium	0.00065	I	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	290		10	5.0	mg/L	200		6020	Total Recoverable
Cobalt	0.0020	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00076	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Lithium	0.0029	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0080		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00020	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	2300		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	510		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Fluoride	0.070	I J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	200		100	28	mg/L	20		SM 4500 SO4 E	Total/NA
Field pH	4.59				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-04 — Lab Sample ID: 400-201414-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0023	V	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.052		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	19		2.0	0.72	mg/L	200		6020	Total Recoverable
Cadmium	0.00095	I	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	300		10	5.0	mg/L	200		6020	Total Recoverable
Cobalt	0.0019	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00076	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Selenium	0.0083		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00020	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	2400		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	520		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Fluoride	0.050	I J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	200		100	28	mg/L	20		SM 4500 SO4 E	Total/NA
Field pH	4.59				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: 400-201414-1
SDG: Downgradient D

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: 400-201414-1
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201414-1	MW-200	Water	04/01/21 12:01	04/01/21 14:17	
400-201414-2	MW-201	Water	04/01/21 13:15	04/01/21 14:17	
400-201414-3	MW-206	Water	04/01/21 10:47	04/01/21 14:17	
400-201414-4	DUP-04	Water	04/01/21 09:47	04/01/21 14:17	

Client Sample Results

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

Job ID: 400-201414-1
SDG: Downgradient D

Client Sample ID: MW-200

Date Collected: 04/01/21 12:01
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-1

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		04/08/21 10:21	04/08/21 18:35	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 18:35	5
Barium	**0.031**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:00	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 18:35	5
Boron	**2.9**		1.0	0.36	mg/L		04/08/21 10:21	04/09/21 16:04	100
Cadmium	**0.0012**	**I**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 18:35	5
Calcium	**75**		5.0	2.5	mg/L		04/08/21 10:21	04/09/21 16:04	100
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 18:35	5
Cobalt	**0.0013**	**I**	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 18:35	5
Lead	**0.00058**	**I**	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 18:35	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 18:35	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 18:35	5
Selenium	**0.0042**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 18:35	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 18:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00025**		0.00020	0.000070	mg/L		04/05/21 08:10	04/05/21 14:20	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**640**		5.0	5.0	mg/L			04/07/21 13:51	1
Chloride	**130**		10	7.0	mg/L			04/11/21 21:42	5
Fluoride	**0.070**	**I V**	0.10	0.032	mg/L			04/15/21 13:27	1
Sulfate	**84**		50	14	mg/L			04/12/21 02:03	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.06**				SU			04/01/21 12:01	1

Client Sample Results

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

Job ID: 400-201414-1
SDG: Downgradient D

Client Sample ID: MW-201

Date Collected: 04/01/21 13:15
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-2

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		04/08/21 10:21	04/08/21 18:39	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 18:39	5
Barium	**0.055**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:07	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 18:39	5
Boron	**4.0**		1.0	0.36	mg/L		04/08/21 10:21	04/09/21 16:11	100
Cadmium	**0.0012**	**I**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 18:39	5
Calcium	**75**		5.0	2.5	mg/L		04/08/21 10:21	04/09/21 16:11	100
Chromium	**0.0018**	**I**	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 18:39	5
Cobalt	**0.0012**	**I**	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 18:39	5
Lead	**0.00057**	**I**	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 18:39	5
Lithium	**0.0050**	**V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 18:39	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 18:39	5
Selenium	**0.0036**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 18:39	5
Thallium	**0.00012**	**I**	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 18:39	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00029**		0.00020	0.000070	mg/L		04/05/21 08:10	04/05/21 14:22	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**650**		5.0	5.0	mg/L			04/07/21 13:51	1
Chloride	**140**		10	7.0	mg/L			04/11/21 21:42	5
Fluoride	**0.50**	**J3**	0.10	0.032	mg/L			04/16/21 12:02	1
Sulfate	**110**		50	14	mg/L			04/12/21 02:03	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.52**				SU			04/01/21 13:15	1

Client Sample Results

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

Job ID: 400-201414-1
SDG: Downgradient D

Client Sample ID: MW-206

Date Collected: 04/01/21 10:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-3

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		04/08/21 10:21	04/08/21 18:43	5
Arsenic	**0.00064**	**I V**	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 18:43	5
Barium	**0.051**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:15	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 18:43	5
Boron	**19**		2.0	0.72	mg/L		04/08/21 10:21	04/09/21 16:19	200
Cadmium	**0.00065**	**I**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 18:43	5
Calcium	**290**		10	5.0	mg/L		04/08/21 10:21	04/09/21 16:19	200
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 18:43	5
Cobalt	**0.0020**	**I**	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 18:43	5
Lead	**0.00076**	**I**	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 18:43	5
Lithium	**0.0029**	**I V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 18:43	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 18:43	5
Selenium	**0.0080**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 18:43	5
Thallium	**0.00020**	**I**	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 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		04/05/21 08:10	04/05/21 14:28	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2300**		10	10	mg/L			04/07/21 13:51	1
Chloride	**510**		20	14	mg/L			04/11/21 21:44	10
Fluoride	**0.070**	**I J3**	0.10	0.032	mg/L			04/16/21 12:12	1
Sulfate	**200**		100	28	mg/L			04/12/21 02:07	20

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.59**				SU			04/01/21 10:47	1

Client Sample Results

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

Job ID: 400-201414-1
SDG: Downgradient D

Client Sample ID: DUP-04
Date Collected: 04/01/21 09:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-4
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		04/08/21 10:21	04/08/21 18:47	5
Arsenic	**0.0023**	**V**	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 18:47	5
Barium	**0.052**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:30	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 18:47	5
Boron	**19**		2.0	0.72	mg/L		04/08/21 10:21	04/09/21 16:34	200
Cadmium	**0.00095**	**I**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 18:47	5
Calcium	**300**		10	5.0	mg/L		04/08/21 10:21	04/09/21 16:34	200
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 18:47	5
Cobalt	**0.0019**	**I**	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 18:47	5
Lead	**0.00076**	**I**	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 18:47	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 18:47	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 18:47	5
Selenium	**0.0083**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 18:47	5
Thallium	**0.00020**	**I**	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 18:47	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		04/05/21 08:10	04/05/21 14:30	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2400**		10	10	mg/L			04/07/21 13:51	1
Chloride	**520**		20	14	mg/L			04/11/21 21:44	10
Fluoride	**0.050**	**I J3**	0.10	0.032	mg/L			04/16/21 12:15	1
Sulfate	**200**		100	28	mg/L			04/12/21 02:07	20

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.59**				SU			04/01/21 09:47	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.
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

Lab Chronicle

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

Job ID: 400-201414-1
SDG: Downgradient D

Client Sample ID: MW-200
Date Collected: 04/01/21 12:01
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 18:35	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 16:00	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		100	527142	04/09/21 16:04	LDC	TAL PEN
Total/NA	Prep	7470A			526159	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 14:20	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	527149	04/11/21 21:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 13:27	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	527151	04/12/21 02:03	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 12:01	EHS	TAL PEN

Client Sample ID: MW-201
Date Collected: 04/01/21 13:15
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 18:39	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 16:07	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		100	527142	04/09/21 16:11	LDC	TAL PEN
Total/NA	Prep	7470A			526159	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 14:22	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	527149	04/11/21 21:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:02	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	527151	04/12/21 02:03	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 13:15	EHS	TAL PEN

Client Sample ID: MW-206
Date Collected: 04/01/21 10:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 18:43	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 16:15	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		200	527142	04/09/21 16:19	LDC	TAL PEN

Lab Chronicle

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

Job ID: 400-201414-1
SDG: Downgradient D

Client Sample ID: MW-206

Date Collected: 04/01/21 10:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			526159	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 14:28	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	527149	04/11/21 21:44	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:12	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		20	527151	04/12/21 02:07	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 10:47	EHS	TAL PEN

Client Sample ID: DUP-04

Date Collected: 04/01/21 09:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 18:47	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 16:30	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		200	527142	04/09/21 16:34	LDC	TAL PEN
Total/NA	Prep	7470A			526159	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 14:30	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	527149	04/11/21 21:44	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:15	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		20	527151	04/12/21 02:07	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 09:47	EHS	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 526159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	7470A	
400-201414-2	MW-201	Total/NA	Water	7470A	
400-201414-3	MW-206	Total/NA	Water	7470A	
400-201414-4	DUP-04	Total/NA	Water	7470A	
MB 400-526159/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-526159/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-201475-A-10-B MS	Matrix Spike	Total/NA	Water	7470A	
400-201475-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 526442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	7470A	526159
400-201414-2	MW-201	Total/NA	Water	7470A	526159
400-201414-3	MW-206	Total/NA	Water	7470A	526159
400-201414-4	DUP-04	Total/NA	Water	7470A	526159
MB 400-526159/14-A	Method Blank	Total/NA	Water	7470A	526159
LCS 400-526159/15-A	Lab Control Sample	Total/NA	Water	7470A	526159
400-201475-A-10-B MS	Matrix Spike	Total/NA	Water	7470A	526159
400-201475-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	526159

Prep Batch: 526797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total Recoverable	Water	3005A	
400-201414-2	MW-201	Total Recoverable	Water	3005A	
400-201414-3	MW-206	Total Recoverable	Water	3005A	
400-201414-4	DUP-04	Total Recoverable	Water	3005A	
MB 400-526797/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-526797/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-201394-G-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-201394-G-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 526961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total Recoverable	Water	6020	526797
400-201414-2	MW-201	Total Recoverable	Water	6020	526797
400-201414-3	MW-206	Total Recoverable	Water	6020	526797
400-201414-4	DUP-04	Total Recoverable	Water	6020	526797
MB 400-526797/1-A ^5	Method Blank	Total Recoverable	Water	6020	526797
LCS 400-526797/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526797
400-201394-G-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	526797
400-201394-G-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	526797

Analysis Batch: 527142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total Recoverable	Water	6020	526797
400-201414-1	MW-200	Total Recoverable	Water	6020	526797
400-201414-2	MW-201	Total Recoverable	Water	6020	526797
400-201414-2	MW-201	Total Recoverable	Water	6020	526797
400-201414-3	MW-206	Total Recoverable	Water	6020	526797
400-201414-3	MW-206	Total Recoverable	Water	6020	526797
400-201414-4	DUP-04	Total Recoverable	Water	6020	526797

Metals (Continued)

Analysis Batch: 527142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-4	DUP-04	Total Recoverable	Water	6020	526797
LCS 400-526797/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526797
400-201394-G-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	526797
400-201394-G-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	526797

General Chemistry

Analysis Batch: 526704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	SM 2540C	
400-201414-2	MW-201	Total/NA	Water	SM 2540C	
400-201414-3	MW-206	Total/NA	Water	SM 2540C	
400-201414-4	DUP-04	Total/NA	Water	SM 2540C	
MB 400-526704/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-526704/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-201414-1 DU	MW-200	Total/NA	Water	SM 2540C	

Analysis Batch: 527149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	SM 4500 Cl- E	
400-201414-2	MW-201	Total/NA	Water	SM 4500 Cl- E	
400-201414-3	MW-206	Total/NA	Water	SM 4500 Cl- E	
400-201414-4	DUP-04	Total/NA	Water	SM 4500 Cl- E	
MB 400-527149/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-527149/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-527149/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-201333-B-5 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-201333-B-5 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 527151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	SM 4500 SO4 E	
400-201414-2	MW-201	Total/NA	Water	SM 4500 SO4 E	
400-201414-3	MW-206	Total/NA	Water	SM 4500 SO4 E	
400-201414-4	DUP-04	Total/NA	Water	SM 4500 SO4 E	
MB 400-527151/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-527151/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-527151/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-201416-A-4 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-201416-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 527753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	SM 4500 F C	
MB 400-527753/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-527753/6	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-201333-B-2 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-201333-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

QC Association Summary

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

Job ID: 400-201414-1
SDG: Downgradient D

General Chemistry

Analysis Batch: 527934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-2	MW-201	Total/NA	Water	SM 4500 F C	
400-201414-3	MW-206	Total/NA	Water	SM 4500 F C	
400-201414-4	DUP-04	Total/NA	Water	SM 4500 F C	
MB 400-527934/34	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-527934/35	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-201414-2 MS	MW-201	Total/NA	Water	SM 4500 F C	
400-201414-2 MSD	MW-201	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 527582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	Field Sampling	
400-201414-2	MW-201	Total/NA	Water	Field Sampling	
400-201414-3	MW-206	Total/NA	Water	Field Sampling	
400-201414-4	DUP-04	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-526797/1-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 526797

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/08/21 10:21	04/08/21 17:24	5
Arsenic	0.000410	I	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 17:24	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 17:24	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 17:24	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 17:24	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 10:21	04/08/21 17:24	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 17:24	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 17:24	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 17:24	5
Lithium	0.00288	I	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 17:24	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 17:24	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 17:24	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 17:24	5

Lab Sample ID: LCS 400-526797/2-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0459		mg/L		92	80 - 120
Arsenic	0.0500	0.0487		mg/L		97	80 - 120
Beryllium	0.0500	0.0513		mg/L		103	80 - 120
Boron	0.100	0.0972		mg/L		97	80 - 120
Cadmium	0.0500	0.0508		mg/L		102	80 - 120
Calcium	5.00	4.82		mg/L		96	80 - 120
Chromium	0.0500	0.0502		mg/L		100	80 - 120
Cobalt	0.0500	0.0500		mg/L		100	80 - 120
Lead	0.0500	0.0467		mg/L		93	80 - 120
Lithium	0.0500	0.0489		mg/L		98	80 - 120
Molybdenum	0.0500	0.0516		mg/L		103	80 - 120
Selenium	0.0500	0.0497		mg/L		99	80 - 120
Thallium	0.0100	0.00972		mg/L		97	80 - 120

Lab Sample ID: LCS 400-526797/2-A ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0500	0.0465		mg/L		93	80 - 120

Lab Sample ID: 400-201394-G-1-B MS ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 526797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0460		mg/L		92	75 - 125
Arsenic	0.00054	I V	0.0500	0.0492		mg/L		97	75 - 125
Beryllium	0.00017	U	0.0500	0.0511		mg/L		102	75 - 125
Boron	0.056		0.100	0.149		mg/L		94	75 - 125

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

Lab Sample ID: 400-201394-G-1-B MS ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 526797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.00028	U	0.0500	0.0523		mg/L		105	75 - 125
Calcium	10		5.00	15.0		mg/L		95	75 - 125
Chromium	0.0010	U	0.0500	0.0504		mg/L		101	75 - 125
Cobalt	0.00056	U	0.0500	0.0506		mg/L		101	75 - 125
Lead	0.00029	U	0.0500	0.0469		mg/L		94	75 - 125
Lithium	0.043		0.0500	0.0889		mg/L		91	75 - 125
Molybdenum	0.0045	U	0.0500	0.0505		mg/L		101	75 - 125
Selenium	0.00082	U	0.0500	0.0507		mg/L		101	75 - 125
Thallium	0.00012	U	0.0100	0.00969		mg/L		97	75 - 125

Lab Sample ID: 400-201394-G-1-B MS ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 526797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.18		0.0500	0.226		mg/L		87	75 - 125

Lab Sample ID: 400-201394-G-1-C MSD ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 526797

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	0.0473		mg/L		95	75 - 125	3	20
Arsenic	0.00054	I V	0.0500	0.0504		mg/L		100	75 - 125	2	20
Beryllium	0.00017	U	0.0500	0.0525		mg/L		105	75 - 125	3	20
Boron	0.056		0.100	0.153		mg/L		97	75 - 125	2	20
Cadmium	0.00028	U	0.0500	0.0518		mg/L		104	75 - 125	1	20
Calcium	10		5.00	15.3		mg/L		102	75 - 125	2	20
Chromium	0.0010	U	0.0500	0.0510		mg/L		102	75 - 125	1	20
Cobalt	0.00056	U	0.0500	0.0502		mg/L		100	75 - 125	1	20
Lead	0.00029	U	0.0500	0.0469		mg/L		94	75 - 125	0	20
Lithium	0.043		0.0500	0.0880		mg/L		89	75 - 125	1	20
Molybdenum	0.0045	U	0.0500	0.0526		mg/L		105	75 - 125	4	20
Selenium	0.00082	U	0.0500	0.0507		mg/L		101	75 - 125	0	20
Thallium	0.00012	U	0.0100	0.00961		mg/L		96	75 - 125	1	20

Lab Sample ID: 400-201394-G-1-C MSD ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 526797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.18		0.0500	0.232		mg/L		99	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-526159/14-A
Matrix: Water
Analysis Batch: 526442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526159

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/05/21 08:10	04/05/21 13:56	1

Lab Sample ID: LCS 400-526159/15-A
Matrix: Water
Analysis Batch: 526442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00103		mg/L		102	80 - 120

Lab Sample ID: 400-201475-A-10-B MS
Matrix: Water
Analysis Batch: 526442

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 526159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	U	0.00201	0.00195		mg/L		97	80 - 120

Lab Sample ID: 400-201475-A-10-C MSD
Matrix: Water
Analysis Batch: 526442

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 526159

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	0.00196		mg/L		98	80 - 120	1	20

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

Lab Sample ID: MB 400-526704/1
Matrix: Water
Analysis Batch: 526704

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			04/07/21 13:51	1

Lab Sample ID: LCS 400-526704/2
Matrix: Water
Analysis Batch: 526704

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: 400-201414-1 DU
Matrix: Water
Analysis Batch: 526704

Client Sample ID: MW-200
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	640		612		mg/L		4	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-527149/6
Matrix: Water
Analysis Batch: 527149

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			04/11/21 20:54	1

Lab Sample ID: LCS 400-527149/7
Matrix: Water
Analysis Batch: 527149

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	29.5		mg/L		98	90 - 110

Lab Sample ID: MRL 400-527149/3
Matrix: Water
Analysis Batch: 527149

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	2.08		mg/L		104	50 - 150

Lab Sample ID: 400-201333-B-5 MS
Matrix: Water
Analysis Batch: 527149

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	5.0		10.0	16.0		mg/L		111	73 - 120

Lab Sample ID: 400-201333-B-5 MSD
Matrix: Water
Analysis Batch: 527149

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	5.0		10.0	16.3		mg/L		113	73 - 120	2	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-527753/3
Matrix: Water
Analysis Batch: 527753

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0400	I	0.10	0.032	mg/L			04/15/21 11:46	1

Lab Sample ID: LCS 400-527753/6
Matrix: Water
Analysis Batch: 527753

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	5.28		mg/L		106	90 - 110

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 400-201333-B-2 MS
Matrix: Water
Analysis Batch: 527753

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	1.03		mg/L		103	75 - 125

Lab Sample ID: 400-201333-B-2 MSD
Matrix: Water
Analysis Batch: 527753

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	1.07		mg/L		107	75 - 125	4	4

Lab Sample ID: MB 400-527934/34
Matrix: Water
Analysis Batch: 527934

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			04/16/21 14:36	1

Lab Sample ID: LCS 400-527934/35
Matrix: Water
Analysis Batch: 527934

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	100	4.94	J3	mg/L		5	90 - 110

Lab Sample ID: 400-201414-2 MS
Matrix: Water
Analysis Batch: 527934

Client Sample ID: MW-201
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.50	J3	1.00	1.42		mg/L		92	75 - 125

Lab Sample ID: 400-201414-2 MSD
Matrix: Water
Analysis Batch: 527934

Client Sample ID: MW-201
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.50	J3	1.00	1.40		mg/L		90	75 - 125	1	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-527151/6
Matrix: Water
Analysis Batch: 527151

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			04/12/21 01:29	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-527151/7
Matrix: Water
Analysis Batch: 527151

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 400-527151/3
Matrix: Water
Analysis Batch: 527151

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	4.26	I	mg/L		85	50 - 150

Lab Sample ID: 400-201416-A-4 MS
Matrix: Water
Analysis Batch: 527151

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	1.9	I	10.0	12.6		mg/L		107	77 - 128

Lab Sample ID: 400-201416-A-4 MSD
Matrix: Water
Analysis Batch: 527151

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	1.9	I	10.0	12.6		mg/L		107	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: Brett / Trevor	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101867-23630.1
Client Contact: Barry Evans	Phone: 850 380 3458	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
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

400-201414 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-200	4/1/21	1201	G	Water			X	X	X	X	X	X		
MW-201	4/1/21	1315	|	Water			|	|	|	|	|	|		
MW-206	4/1/21	1047	|	Water			|	|	|	|	|	|		
Dup-04	4/1/21	0947	G	Water			X	X	X	X	X	X		

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: 4/1/21 1417	Company NEXT	Received by: Kathy R Avery
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 4-1-21 1417 Company EA

Date/Time: Company

Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 9.5°C IR9

Ver: 11/01/2020

4/20/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201414-1
SDG Number: Downgradient D

Login Number: 201414
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	9.5°C IR9
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.	N/A	
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: 400-201414-1
SDG: Downgradient D

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	01-12-22
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	10-31-21
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-21
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
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
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	P330-21-00056	05-17-21
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-21
West Virginia DEP	State	136	06-30-21

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-201414-2
Laboratory Sample Delivery Group: Downgradient D
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:
4/29/2021 3:47:26 PM

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

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Case Narrative

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

Job ID: 400-201414-2
SDG: Downgradient D

Job ID: 400-201414-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201414-2

RAD

Method 9315: Radium-226 prep batch 160-504273. 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-200 (400-201414-1), MW-201 (400-201414-2), MW-206 (400-201414-3), DUP-04 (400-201414-4), (LCS 160-504273/1-A), (LCSD 160-504273/2-A) and (MB 160-504273/23-A)

Method 9320: Radium 228 Prep batch 504276. 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-200 (400-201414-1), MW-201 (400-201414-2), MW-206 (400-201414-3), DUP-04 (400-201414-4), (LCS 160-504276/1-A), (LCSD 160-504276/2-A) and (MB 160-504276/23-A)

Method PrecSep_0: Radium 228 Prep Batch 160-504276. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-200 (400-201414-1), MW-201 (400-201414-2), MW-206 (400-201414-3) and DUP-04 (400-201414-4). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium Prep Batch 160-504273. Insufficient sample volume was available to perform a sample duplicate for the following samples: MW-200 (400-201414-1), MW-201 (400-201414-2), MW-206 (400-201414-3) and DUP-04 (400-201414-4). 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: 400-201414-2
SDG: Downgradient D

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

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

Job ID: 400-201414-2
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201414-1	MW-200	Water	04/01/21 12:01	04/01/21 14:17	
400-201414-2	MW-201	Water	04/01/21 13:15	04/01/21 14:17	
400-201414-3	MW-206	Water	04/01/21 10:47	04/01/21 14:17	
400-201414-4	DUP-04	Water	04/01/21 09:47	04/01/21 14:17	

Client Sample ID: MW-200

Date Collected: 04/01/21 12:01
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-1

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	2.35		0.257	0.333	1.00	0.0803	pCi/L	04/05/21 16:08	04/28/21 11:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*40 - 110*	*04/05/21 16:08*	*04/28/21 11:01*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.17		0.483	0.564	1.00	0.431	pCi/L	04/05/21 16:42	04/15/21 14:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:26*	*1*
Y Carrier	*82.2*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:26*	*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	5.51		0.547	0.655	5.00	0.431	pCi/L		04/28/21 22:02	1

Client Sample ID: MW-201

Date Collected: 04/01/21 13:15
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-2

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	2.79		0.281	0.377	1.00	0.0843	pCi/L	04/05/21 16:08	04/28/21 11:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*40 - 110*	*04/05/21 16:08*	*04/28/21 11:01*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.76		0.665	0.911	1.00	0.469	pCi/L	04/05/21 16:42	04/15/21 14:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:26*	*1*
Y Carrier	*82.2*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:26*	*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	9.55		0.722	0.986	5.00	0.469	pCi/L		04/28/21 22:02	1

Client Sample ID: MW-206

Date Collected: 04/01/21 10:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-3

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	3.62		0.317	0.455	1.00	0.0846	pCi/L	04/05/21 16:08	04/28/21 11:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*40 - 110*	*04/05/21 16:08*	*04/28/21 11:01*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.67		0.578	0.779	1.00	0.413	pCi/L	04/05/21 16:42	04/15/21 14:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:17*	*1*
Y Carrier	*85.6*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:17*	*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	9.30		0.659	0.902	5.00	0.413	pCi/L		04/28/21 22:02	1

Client Sample ID: DUP-04

Date Collected: 04/01/21 09:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-4

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	4.40		0.357	0.533	1.00	0.0885	pCi/L	04/05/21 16:08	04/28/21 11:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*40 - 110*	*04/05/21 16:08*	*04/28/21 11:01*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.99		0.563	0.727	1.00	0.374	pCi/L	04/05/21 16:42	04/15/21 14:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:18*	*1*
Y Carrier	*83.0*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:18*	*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	9.40		0.667	0.901	5.00	0.374	pCi/L		04/28/21 22:02	1

Definitions/Glossary

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

Job ID: 400-201414-2
SDG: Downgradient D

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: 400-201414-2
SDG: Downgradient D

Client Sample ID: MW-200
Date Collected: 04/01/21 12:01
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504273	04/05/21 16:08	JEC	TAL SL
Total/NA	Analysis	9315		1	507528	04/28/21 11:01	SCB	TAL SL
Total/NA	Prep	PrecSep_0			504276	04/05/21 16:42	JEC	TAL SL
Total/NA	Analysis	9320		1	505760	04/15/21 14:26	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: MW-201
Date Collected: 04/01/21 13:15
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504273	04/05/21 16:08	JEC	TAL SL
Total/NA	Analysis	9315		1	507528	04/28/21 11:01	SCB	TAL SL
Total/NA	Prep	PrecSep_0			504276	04/05/21 16:42	JEC	TAL SL
Total/NA	Analysis	9320		1	505760	04/15/21 14:26	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: MW-206
Date Collected: 04/01/21 10:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504273	04/05/21 16:08	JEC	TAL SL
Total/NA	Analysis	9315		1	507528	04/28/21 11:01	SCB	TAL SL
Total/NA	Prep	PrecSep_0			504276	04/05/21 16:42	JEC	TAL SL
Total/NA	Analysis	9320		1	505784	04/15/21 14:17	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: DUP-04
Date Collected: 04/01/21 09:47
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201414-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504273	04/05/21 16:08	JEC	TAL SL
Total/NA	Analysis	9315		1	507528	04/28/21 11:01	SCB	TAL SL
Total/NA	Prep	PrecSep_0			504276	04/05/21 16:42	JEC	TAL SL
Total/NA	Analysis	9320		1	505784	04/15/21 14:18	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Laboratory References:

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

QC Association Summary

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

Job ID: 400-201414-2
SDG: Downgradient D

Rad

Prep Batch: 504273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	PrecSep-21	
400-201414-2	MW-201	Total/NA	Water	PrecSep-21	
400-201414-3	MW-206	Total/NA	Water	PrecSep-21	
400-201414-4	DUP-04	Total/NA	Water	PrecSep-21	
MB 160-504273/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-504273/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-504273/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 504276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201414-1	MW-200	Total/NA	Water	PrecSep_0	
400-201414-2	MW-201	Total/NA	Water	PrecSep_0	
400-201414-3	MW-206	Total/NA	Water	PrecSep_0	
400-201414-4	DUP-04	Total/NA	Water	PrecSep_0	
MB 160-504276/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-504276/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-504276/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-504273/23-A
Matrix: Water
Analysis Batch: 507515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504273

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.005605	U	0.0439	0.0439	1.00	0.0902	pCi/L	04/05/21 16:08	04/28/21 16:17	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.9*		*40 - 110*	*04/05/21 16:08*	*04/28/21 16:17*	*1*

Lab Sample ID: LCS 160-504273/1-A
Matrix: Water
Analysis Batch: 507528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504273

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	10.84		1.12	1.00	0.0855	pCi/L	96	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.6*		*40 - 110*

Lab Sample ID: LCSD 160-504273/2-A
Matrix: Water
Analysis Batch: 507528

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504273

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	10.62		1.10	1.00	0.0865	pCi/L	94	75 - 125	0.10	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*84.1*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-504276/23-A
Matrix: Water
Analysis Batch: 505784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504276

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1882	U	0.231	0.232	1.00	0.382	pCi/L	04/05/21 16:42	04/15/21 14:23	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.9*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:23*	*1*
Y Carrier	*87.9*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:23*	*1*

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

Lab Sample ID: LCS 160-504276/1-A
Matrix: Water
Analysis Batch: 505760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504276

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			7.28	8.699		1.09	1.00	0.467	pCi/L	119	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.6*		*40 - 110*
Y Carrier	*82.2*		*40 - 110*

Lab Sample ID: LCSD 160-504276/2-A
Matrix: Water
Analysis Batch: 505760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504276

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			7.28	8.787		1.09	1.00	0.436	pCi/L	121	75 - 125	0.04	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*84.1*		*40 - 110*
Y Carrier	*82.2*		*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: Brett / Trevor	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101867-23630.1
Client Contact: Barry Evans	Phone: 850 380 3458	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
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

400-201414 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-200	4/1/21	1201	G	Water			X	X	X	X	X	X		
MW-201	4/1/21	1315	|	Water			|	|	|	|	|	|		
MW-206	4/1/21	1047	|	Water			|	|	|	|	|	|		
Dup-04	4/1/21	0947	G	Water			X	X	X	X	X	X		

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: 4/1/21 1417	Company NEXT	Received by: Kathy R Avery
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 4-1-21 1417 Company EA

Date/Time: Company

Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 9.5°C IR9

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201414-2
SDG Number: Downgradient D

Login Number: 201414
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	9.5°C IR9
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.	N/A	
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: 400-201414-2
SDG Number: Downgradient D

Login Number: 201414
List Number: 2
Creator: O'Gara, Mallory L

List Source: Eurofins TestAmerica, St. Louis
List Creation: 04/03/21 09:34 AM

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: 400-201414-2
SDG: Downgradient D

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
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	11-30-21
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-21
Louisiana (DW)	State	LA011	12-31-21
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	04-01-22
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	03-01-22
South Carolina	State	85002001	06-30-21
Texas	NELAP	T104704193	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.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-201500-1
Laboratory Sample Delivery Group: GSA Delineation Sampling
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:
4/20/2021 4:37:28 PM

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

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Job ID: 400-201500-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201500-1

Metals
Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-201500-1), GSA-2S (400-201500-3), MW2032/GE-1D (400-201500-6), DUP-05 (400-201500-7), (400-201500-C-1-C MS ^10), (400-201500-C-1-C MS ^50), (400-201500-C-1-D MSD ^10) and (400-201500-C-1-D MSD ^50). Elevated reporting limits (RLs) are provided.

Method 6020: The serial dilution performed for the following sample associated with batch 400-526961 was outside control limits: (400-201500-C-1-B SD ^25).

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-526704 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 400-527918 was outside control limits. Sample matrix interference is suspected.

Method SM 4500 F C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-527934 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 Cl- E: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-201500-1), GSA-2S (400-201500-3), MW2032/GE-1D (400-201500-6) and DUP-05 (400-201500-7). 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: PZ-200S (400-201500-1) and GSA-2S (400-201500-3). Elevated reporting limits (RLs) are provided.

Detection Summary

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S — Lab Sample ID: 400-201500-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00079	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.038		0.0050	0.0014	mg/L	10		6020	Total Recoverable
Boron	3.2		0.50	0.18	mg/L	50		6020	Total Recoverable
Calcium	60		0.50	0.25	mg/L	10		6020	Total Recoverable
Cobalt	0.0012	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0038	I	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0015		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	480		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	110		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	59		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.70				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-200D — Lab Sample ID: 400-201500-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00055	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.030		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.044	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Cadmium	0.00030	I	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	4.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Lead	0.00029	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	82		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.080	I J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	6.7		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.43				SU	1		Field Sampling	Total/NA

Client Sample ID: GSA-2S — Lab Sample ID: 400-201500-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.097		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	9.0		1.0	0.36	mg/L	100		6020	Total Recoverable
Cadmium	0.00031	I	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	170		5.0	2.5	mg/L	100		6020	Total Recoverable
Cobalt	0.0017	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.0012	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Lithium	0.0025	I	0.0050	0.0019	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: GSA-2S (Continued) — Lab Sample ID: 400-201500-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0053		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	1200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	340		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Fluoride	0.070	I J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	140		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	4.21				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-201D — Lab Sample ID: 400-201500-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.056		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.032	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	6.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.012		0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	64		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.050	I J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Field pH	6.79				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-203D — Lab Sample ID: 400-201500-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0014		0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.016		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.026	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	2.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.015		0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	54		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	3.2	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.67				SU	1		Field Sampling	Total/NA

Client Sample ID: MW2032/GE-1D — Lab Sample ID: 400-201500-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00072	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.052		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.041	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	77		2.5	1.3	mg/L	50		6020	Total Recoverable
Chromium	0.0028		0.0025	0.0010	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW2032/GE-1D (Continued) — Lab Sample ID: 400-201500-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0014	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0081		0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	510		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	140		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	2.3	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.32				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-05 — Lab Sample ID: 400-201500-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.055		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.039	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Cadmium	0.00052	I	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	81		2.5	1.3	mg/L	50		6020	Total Recoverable
Chromium	0.0025		0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.0015	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0069		0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	490		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	140		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	2.3	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.32				SU	1		Field Sampling	Total/NA

Client Sample ID: FB-04 — Lab Sample ID: 400-201500-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0044	I	0.0050	0.0019	mg/L	5		6020	Total Recoverable

Client Sample ID: EB-04 — Lab Sample ID: 400-201500-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00052	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Cadmium	0.00031	I	0.0025	0.00028	mg/L	5		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: 400-201500-1
SDG: GSA Delineation Sampling

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: 400-201500-1
SDG: GSA Delineation Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201500-1	PZ-200S	Water	04/02/21 09:51	04/02/21 15:52	
400-201500-2	PZ-200D	Water	04/02/21 08:43	04/02/21 15:52	
400-201500-3	GSA-2S	Water	04/02/21 11:43	04/02/21 15:52	
400-201500-4	PZ-201D	Water	04/02/21 14:50	04/02/21 15:52	
400-201500-5	PZ-203D	Water	04/02/21 11:50	04/02/21 15:52	
400-201500-6	MW2032/GE-1D	Water	04/02/21 10:43	04/02/21 15:52	
400-201500-7	DUP-05	Water	04/02/21 09:43	04/02/21 15:52	
400-201500-8	FB-04	Water	04/02/21 11:30	04/02/21 15:52	
400-201500-9	EB-04	Water	04/02/21 15:00	04/02/21 15:52	

Client Sample Results

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S

Date Collected: 04/02/21 09:51
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-1

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		04/08/21 11:13	04/08/21 21:46	5
Arsenic	**0.00079**	**I**	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 21:46	5
Barium	**0.038**		0.0050	0.0014	mg/L		04/08/21 11:13	04/09/21 17:43	10
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 21:46	5
Boron	**3.2**		0.50	0.18	mg/L		04/08/21 11:13	04/09/21 17:47	50
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 21:46	5
Calcium	**60**		0.50	0.25	mg/L		04/08/21 11:13	04/09/21 17:43	10
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 21:46	5
Cobalt	**0.0012**	**I**	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 21:46	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 21:46	5
Lithium	**0.0038**	**I**	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 21:46	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 21:46	5
Selenium	**0.0015**		0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 21:46	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 21:46	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		04/07/21 08:18	04/07/21 14:53	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**480**		5.0	5.0	mg/L			04/07/21 13:51	1
Chloride	**110**		10	7.0	mg/L			04/10/21 04:04	5
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 12:40	1
Sulfate	**59**		25	7.0	mg/L			04/10/21 21:57	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.70**				SU			04/02/21 09:51	1

Client Sample Results

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200D

Date Collected: 04/02/21 08:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-2

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		04/08/21 11:13	04/08/21 22:06	5
Arsenic	**0.00055**	**I**	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:06	5
Barium	**0.030**		0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:06	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:06	5
Boron	**0.044**	**I**	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 22:06	5
Cadmium	**0.00030**	**I**	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:06	5
Calcium	**4.3**		0.25	0.13	mg/L		04/08/21 11:13	04/08/21 22:06	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:06	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:06	5
Lead	**0.00029**	**I**	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:06	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:06	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:06	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:06	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:06	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		04/07/21 08:18	04/07/21 14:59	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**82**		5.0	5.0	mg/L			04/08/21 12:03	1
Chloride	**4.0**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	**0.080**	**I J3**	0.10	0.032	mg/L			04/16/21 12:50	1
Sulfate	**6.7**		5.0	1.4	mg/L			04/10/21 21:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.43**				SU			04/02/21 08:43	1

Client Sample Results

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: GSA-2S

Date Collected: 04/02/21 11:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-3

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		04/08/21 11:13	04/08/21 22:09	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:09	5
Barium	**0.097**		0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:17	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:09	5
Boron	**9.0**		1.0	0.36	mg/L		04/08/21 11:13	04/09/21 18:21	100
Cadmium	**0.00031**	**I**	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:09	5
Calcium	**170**		5.0	2.5	mg/L		04/08/21 11:13	04/09/21 18:21	100
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:09	5
Cobalt	**0.0017**	**I**	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:09	5
Lead	**0.0012**	**I**	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:09	5
Lithium	**0.0025**	**I**	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:09	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:09	5
Selenium	**0.0053**		0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:09	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:09	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		04/07/21 08:18	04/07/21 15:01	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1200**		5.0	5.0	mg/L			04/08/21 12:03	1
Chloride	**340**		20	14	mg/L			04/10/21 04:04	10
Fluoride	**0.070**	**I J3**	0.10	0.032	mg/L			04/16/21 13:02	1
Sulfate	**140**		50	14	mg/L			04/10/21 21:57	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.21**				SU			04/02/21 11:43	1

Client Sample Results

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-201D

Date Collected: 04/02/21 14:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-4

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		04/08/21 11:13	04/08/21 22:21	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:21	5
Barium	**0.056**		0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:25	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:21	5
Boron	**0.032**	**I**	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 22:21	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:21	5
Calcium	**6.4**		0.25	0.13	mg/L		04/08/21 11:13	04/08/21 22:21	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:21	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:21	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:21	5
Lithium	**0.012**		0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:21	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:21	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:21	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:21	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		04/07/21 08:18	04/07/21 15:02	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**64**		5.0	5.0	mg/L			04/08/21 12:03	1
Chloride	**4.2**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	**0.050**	**I J3**	0.10	0.032	mg/L			04/16/21 13:06	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.79**				SU			04/02/21 14:50	1

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-203D

Date Collected: 04/02/21 11:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-5

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		04/08/21 11:13	04/08/21 22:25	5
Arsenic	**0.0014**		0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:25	5
Barium	**0.016**		0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:29	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:25	5
Boron	**0.026**	**I**	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 22:25	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:25	5
Calcium	**2.6**		0.25	0.13	mg/L		04/08/21 11:13	04/08/21 22:25	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:25	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:25	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:25	5
Lithium	**0.015**		0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:25	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:25	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:25	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:25	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		04/07/21 08:18	04/07/21 15:04	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**54**		5.0	5.0	mg/L			04/08/21 12:03	1
Chloride	**4.3**		2.0	1.4	mg/L			04/10/21 03:42	1
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 13:09	1
Sulfate	**3.2**	**I**	5.0	1.4	mg/L			04/10/21 21:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.67**				SU			04/02/21 11:50	1

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: MW2032/GE-1D

Date Collected: 04/02/21 10:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-6

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		04/08/21 11:13	04/08/21 22:28	5
Arsenic	**0.00072**	**I**	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:28	5
Barium	**0.052**		0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:32	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:28	5
Boron	**0.041**	**I**	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 22:28	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:28	5
Calcium	**77**		2.5	1.3	mg/L		04/08/21 11:13	04/09/21 18:36	50
Chromium	**0.0028**		0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:28	5
Cobalt	**0.0014**	**I**	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:28	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:28	5
Lithium	**0.0081**		0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:28	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:28	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:28	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:28	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		04/07/21 08:18	04/07/21 15:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**510**		5.0	5.0	mg/L			04/08/21 12:03	1
Chloride	**140**		10	7.0	mg/L			04/10/21 04:04	5
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 13:13	1
Sulfate	**2.3**	**I**	5.0	1.4	mg/L			04/10/21 21:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.32**				SU			04/02/21 10:43	1

Client Sample Results

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: DUP-05

Date Collected: 04/02/21 09:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-7

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		04/08/21 11:13	04/08/21 22:32	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:32	5
Barium	**0.055**		0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:40	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:32	5
Boron	**0.039**	**I**	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 22:32	5
Cadmium	**0.00052**	**I**	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:32	5
Calcium	**81**		2.5	1.3	mg/L		04/08/21 11:13	04/09/21 18:44	50
Chromium	**0.0025**		0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:32	5
Cobalt	**0.0015**	**I**	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:32	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:32	5
Lithium	**0.0069**		0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:32	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:32	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:32	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:32	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		04/07/21 08:18	04/07/21 15:08	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**490**		5.0	5.0	mg/L			04/08/21 12:03	1
Chloride	**140**		10	7.0	mg/L			04/10/21 04:05	5
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 13:16	1
Sulfate	**2.3**	**I**	5.0	1.4	mg/L			04/10/21 21:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.32**				SU			04/02/21 09:43	1

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: FB-04

Date Collected: 04/02/21 11:30
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-8

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		04/08/21 11:13	04/08/21 22:36	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:36	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:48	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:36	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 22:36	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:36	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 11:13	04/08/21 22:36	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:36	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:36	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:36	5
Lithium	**0.0044**	**I**	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:36	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:36	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:36	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:36	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		04/07/21 08:18	04/07/21 15:10	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			04/08/21 12:03	1
Chloride	1.4	U	2.0	1.4	mg/L			04/10/21 03:48	1
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 13:19	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:21	1

Client Sample Results

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: EB-04
Date Collected: 04/02/21 15:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-9
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		04/08/21 11:13	04/08/21 22:40	5
Arsenic	**0.00052**	**I**	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 22:40	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 11:13	04/09/21 18:51	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 22:40	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 22:40	5
Cadmium	**0.00031**	**I**	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 22:40	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 11:13	04/08/21 22:40	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 22:40	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 22:40	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 22:40	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 22:40	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 22:40	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 22:40	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 22:40	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		04/07/21 08:18	04/07/21 15:12	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			04/08/21 12:03	1
Chloride	1.4	U	2.0	1.4	mg/L			04/10/21 03:48	1
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 13:22	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/10/21 21:21	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

Lab Chronicle

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S
Date Collected: 04/02/21 09:51
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 21:46	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		10	527142	04/09/21 17:43	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		50	527142	04/09/21 17:47	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:53	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526704	04/07/21 13:51	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	527087	04/10/21 04:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:40	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	527121	04/10/21 21:57	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	04/02/21 09:51	EHS	TAL PEN

Client Sample ID: PZ-200D
Date Collected: 04/02/21 08:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:06	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:06	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 14:59	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:50	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:17	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	04/02/21 08:43	EHS	TAL PEN

Client Sample ID: GSA-2S
Date Collected: 04/02/21 11:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:09	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:17	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		100	527142	04/09/21 18:21	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 15:01	NET	TAL PEN

Client Sample ID: GSA-2S
Date Collected: 04/02/21 11:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	527087	04/10/21 04:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 13:02	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	527121	04/10/21 21:57	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	04/02/21 11:43	EHS	TAL PEN

Client Sample ID: PZ-201D
Date Collected: 04/02/21 14:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:21	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:25	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 15:02	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 13:06	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:17	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	04/02/21 14:50	EHS	TAL PEN

Client Sample ID: PZ-203D
Date Collected: 04/02/21 11:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:25	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:29	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 15:04	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:42	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 13:09	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:17	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	04/02/21 11:50	EHS	TAL PEN

Lab Chronicle

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: MW2032/GE-1D
Date Collected: 04/02/21 10:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:28	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:32	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		50	527142	04/09/21 18:36	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 15:06	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	527087	04/10/21 04:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 13:13	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:21	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	04/02/21 10:43	EHS	TAL PEN

Client Sample ID: DUP-05
Date Collected: 04/02/21 09:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:32	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:40	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		50	527142	04/09/21 18:44	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 15:08	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	527087	04/10/21 04:05	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 13:16	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:21	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527528	04/02/21 09:43	EHS	TAL PEN

Client Sample ID: FB-04
Date Collected: 04/02/21 11:30
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:36	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:48	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 15:10	NET	TAL PEN

Lab Chronicle

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

Job ID: 400-201500-1
SDG: GSA Delineation Sampling

Client Sample ID: FB-04

Date Collected: 04/02/21 11:30
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:48	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 13:19	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:21	DN1	TAL PEN

Client Sample ID: EB-04

Date Collected: 04/02/21 15:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	526961	04/08/21 22:40	LDC	TAL PEN
Total Recoverable	Prep	3005A			526819	04/08/21 11:13	NET	TAL PEN
Total Recoverable	Analysis	6020		5	527142	04/09/21 18:51	LDC	TAL PEN
Total/NA	Prep	7470A			526530	04/07/21 08:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	526741	04/07/21 15:12	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526834	04/08/21 12:03	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527087	04/10/21 03:48	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 13:22	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527121	04/10/21 21:21	DN1	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 526530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	7470A	
400-201500-2	PZ-200D	Total/NA	Water	7470A	
400-201500-3	GSA-2S	Total/NA	Water	7470A	
400-201500-4	PZ-201D	Total/NA	Water	7470A	
400-201500-5	PZ-203D	Total/NA	Water	7470A	
400-201500-6	MW2032/GE-1D	Total/NA	Water	7470A	
400-201500-7	DUP-05	Total/NA	Water	7470A	
400-201500-8	FB-04	Total/NA	Water	7470A	
400-201500-9	EB-04	Total/NA	Water	7470A	
MB 400-526530/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-526530/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-201496-C-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-201496-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 526741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	7470A	526530
400-201500-2	PZ-200D	Total/NA	Water	7470A	526530
400-201500-3	GSA-2S	Total/NA	Water	7470A	526530
400-201500-4	PZ-201D	Total/NA	Water	7470A	526530
400-201500-5	PZ-203D	Total/NA	Water	7470A	526530
400-201500-6	MW2032/GE-1D	Total/NA	Water	7470A	526530
400-201500-7	DUP-05	Total/NA	Water	7470A	526530
400-201500-8	FB-04	Total/NA	Water	7470A	526530
400-201500-9	EB-04	Total/NA	Water	7470A	526530
MB 400-526530/14-A	Method Blank	Total/NA	Water	7470A	526530
LCS 400-526530/15-A	Lab Control Sample	Total/NA	Water	7470A	526530
400-201496-C-1-B MS	Matrix Spike	Total/NA	Water	7470A	526530
400-201496-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	526530

Prep Batch: 526819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total Recoverable	Water	3005A	
400-201500-2	PZ-200D	Total Recoverable	Water	3005A	
400-201500-3	GSA-2S	Total Recoverable	Water	3005A	
400-201500-4	PZ-201D	Total Recoverable	Water	3005A	
400-201500-5	PZ-203D	Total Recoverable	Water	3005A	
400-201500-6	MW2032/GE-1D	Total Recoverable	Water	3005A	
400-201500-7	DUP-05	Total Recoverable	Water	3005A	
400-201500-8	FB-04	Total Recoverable	Water	3005A	
400-201500-9	EB-04	Total Recoverable	Water	3005A	
MB 400-526819/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-526819/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-201500-1 MS	PZ-200S	Total Recoverable	Water	3005A	
400-201500-1 MSD	PZ-200S	Total Recoverable	Water	3005A	

Analysis Batch: 526961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total Recoverable	Water	6020	526819
400-201500-2	PZ-200D	Total Recoverable	Water	6020	526819
400-201500-3	GSA-2S	Total Recoverable	Water	6020	526819

Metals (Continued)

Analysis Batch: 526961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-4	PZ-201D	Total Recoverable	Water	6020	526819
400-201500-5	PZ-203D	Total Recoverable	Water	6020	526819
400-201500-6	MW2032/GE-1D	Total Recoverable	Water	6020	526819
400-201500-7	DUP-05	Total Recoverable	Water	6020	526819
400-201500-8	FB-04	Total Recoverable	Water	6020	526819
400-201500-9	EB-04	Total Recoverable	Water	6020	526819
MB 400-526819/1-A ^5	Method Blank	Total Recoverable	Water	6020	526819
LCS 400-526819/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526819
400-201500-1 MS	PZ-200S	Total Recoverable	Water	6020	526819
400-201500-1 MSD	PZ-200S	Total Recoverable	Water	6020	526819

Analysis Batch: 527142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total Recoverable	Water	6020	526819
400-201500-1	PZ-200S	Total Recoverable	Water	6020	526819
400-201500-2	PZ-200D	Total Recoverable	Water	6020	526819
400-201500-3	GSA-2S	Total Recoverable	Water	6020	526819
400-201500-3	GSA-2S	Total Recoverable	Water	6020	526819
400-201500-4	PZ-201D	Total Recoverable	Water	6020	526819
400-201500-5	PZ-203D	Total Recoverable	Water	6020	526819
400-201500-6	MW2032/GE-1D	Total Recoverable	Water	6020	526819
400-201500-6	MW2032/GE-1D	Total Recoverable	Water	6020	526819
400-201500-7	DUP-05	Total Recoverable	Water	6020	526819
400-201500-7	DUP-05	Total Recoverable	Water	6020	526819
400-201500-8	FB-04	Total Recoverable	Water	6020	526819
400-201500-9	EB-04	Total Recoverable	Water	6020	526819
LCS 400-526819/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	526819
400-201500-1 MS	PZ-200S	Total Recoverable	Water	6020	526819
400-201500-1 MS	PZ-200S	Total Recoverable	Water	6020	526819
400-201500-1 MSD	PZ-200S	Total Recoverable	Water	6020	526819

General Chemistry

Analysis Batch: 526704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	SM 2540C	
MB 400-526704/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-526704/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-201424-A-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 526834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-2	PZ-200D	Total/NA	Water	SM 2540C	
400-201500-3	GSA-2S	Total/NA	Water	SM 2540C	
400-201500-4	PZ-201D	Total/NA	Water	SM 2540C	
400-201500-5	PZ-203D	Total/NA	Water	SM 2540C	
400-201500-6	MW2032/GE-1D	Total/NA	Water	SM 2540C	
400-201500-7	DUP-05	Total/NA	Water	SM 2540C	
400-201500-8	FB-04	Total/NA	Water	SM 2540C	
400-201500-9	EB-04	Total/NA	Water	SM 2540C	
MB 400-526834/1	Method Blank	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 526834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-526834/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-201500-2 DU	PZ-200D	Total/NA	Water	SM 2540C	

Analysis Batch: 527087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	SM 4500 Cl- E	
400-201500-2	PZ-200D	Total/NA	Water	SM 4500 Cl- E	
400-201500-3	GSA-2S	Total/NA	Water	SM 4500 Cl- E	
400-201500-4	PZ-201D	Total/NA	Water	SM 4500 Cl- E	
400-201500-5	PZ-203D	Total/NA	Water	SM 4500 Cl- E	
400-201500-6	MW2032/GE-1D	Total/NA	Water	SM 4500 Cl- E	
400-201500-7	DUP-05	Total/NA	Water	SM 4500 Cl- E	
400-201500-8	FB-04	Total/NA	Water	SM 4500 Cl- E	
400-201500-9	EB-04	Total/NA	Water	SM 4500 Cl- E	
MB 400-527087/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-527087/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-527087/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-201304-B-2 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-201304-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 527121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	SM 4500 SO4 E	
400-201500-2	PZ-200D	Total/NA	Water	SM 4500 SO4 E	
400-201500-3	GSA-2S	Total/NA	Water	SM 4500 SO4 E	
400-201500-4	PZ-201D	Total/NA	Water	SM 4500 SO4 E	
400-201500-5	PZ-203D	Total/NA	Water	SM 4500 SO4 E	
400-201500-6	MW2032/GE-1D	Total/NA	Water	SM 4500 SO4 E	
400-201500-7	DUP-05	Total/NA	Water	SM 4500 SO4 E	
400-201500-8	FB-04	Total/NA	Water	SM 4500 SO4 E	
400-201500-9	EB-04	Total/NA	Water	SM 4500 SO4 E	
MB 400-527121/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-527121/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-527121/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-201304-B-2 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-201304-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	
400-201333-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-201333-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 527934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	SM 4500 F C	
400-201500-2	PZ-200D	Total/NA	Water	SM 4500 F C	
400-201500-3	GSA-2S	Total/NA	Water	SM 4500 F C	
400-201500-4	PZ-201D	Total/NA	Water	SM 4500 F C	
400-201500-5	PZ-203D	Total/NA	Water	SM 4500 F C	
400-201500-6	MW2032/GE-1D	Total/NA	Water	SM 4500 F C	
400-201500-7	DUP-05	Total/NA	Water	SM 4500 F C	
400-201500-8	FB-04	Total/NA	Water	SM 4500 F C	
400-201500-9	EB-04	Total/NA	Water	SM 4500 F C	
MB 400-527934/34	Method Blank	Total/NA	Water	SM 4500 F C	

General Chemistry (Continued)

Analysis Batch: 527934 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-527934/35	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-201500-2 MS	PZ-200D	Total/NA	Water	SM 4500 F C	
400-201500-2 MSD	PZ-200D	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 527528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	Field Sampling	
400-201500-2	PZ-200D	Total/NA	Water	Field Sampling	
400-201500-3	GSA-2S	Total/NA	Water	Field Sampling	
400-201500-4	PZ-201D	Total/NA	Water	Field Sampling	
400-201500-5	PZ-203D	Total/NA	Water	Field Sampling	
400-201500-6	MW2032/GE-1D	Total/NA	Water	Field Sampling	
400-201500-7	DUP-05	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-526819/1-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/08/21 11:13	04/08/21 21:35	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 11:13	04/08/21 21:35	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 11:13	04/08/21 21:35	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 11:13	04/08/21 21:35	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 11:13	04/08/21 21:35	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 11:13	04/08/21 21:35	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 11:13	04/08/21 21:35	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 11:13	04/08/21 21:35	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 11:13	04/08/21 21:35	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 11:13	04/08/21 21:35	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 11:13	04/08/21 21:35	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 11:13	04/08/21 21:35	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 11:13	04/08/21 21:35	5

Lab Sample ID: LCS 400-526819/2-A ^5
Matrix: Water
Analysis Batch: 526961

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0478		mg/L		96	80 - 120
Arsenic	0.0500	0.0501		mg/L		100	80 - 120
Beryllium	0.0500	0.0524		mg/L		105	80 - 120
Boron	0.100	0.102		mg/L		102	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.78		mg/L		96	80 - 120
Chromium	0.0500	0.0502		mg/L		100	80 - 120
Cobalt	0.0500	0.0507		mg/L		101	80 - 120
Lead	0.0500	0.0482		mg/L		96	80 - 120
Lithium	0.0500	0.0511		mg/L		102	80 - 120
Molybdenum	0.0500	0.0530		mg/L		106	80 - 120
Selenium	0.0500	0.0502		mg/L		100	80 - 120
Thallium	0.0100	0.00995		mg/L		99	80 - 120

Lab Sample ID: LCS 400-526819/2-A ^5
Matrix: Water
Analysis Batch: 527142

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0500	0.0486		mg/L		97	80 - 120

Lab Sample ID: 400-201500-1 MS
Matrix: Water
Analysis Batch: 526961

Client Sample ID: PZ-200S
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0488		mg/L		98	75 - 125
Arsenic	0.00079	I	0.0500	0.0515		mg/L		101	75 - 125
Beryllium	0.00017	U	0.0500	0.0505		mg/L		101	75 - 125
Cadmium	0.00028	U	0.0500	0.0527		mg/L		105	75 - 125

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

Lab Sample ID: 400-201500-1 MS
Matrix: Water
Analysis Batch: 526961

Client Sample ID: PZ-200S
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.0010	U	0.0500	0.0516		mg/L		103	75 - 125
Cobalt	0.0012	I	0.0500	0.0524		mg/L		102	75 - 125
Lead	0.00029	U	0.0500	0.0492		mg/L		98	75 - 125
Lithium	0.0038	I	0.0500	0.0502		mg/L		93	75 - 125
Molybdenum	0.0045	U	0.0500	0.0532		mg/L		106	75 - 125
Selenium	0.0015		0.0500	0.0537		mg/L		104	75 - 125
Thallium	0.00012	U	0.0100	0.0103		mg/L		103	75 - 125

Lab Sample ID: 400-201500-1 MS
Matrix: Water
Analysis Batch: 527142

Client Sample ID: PZ-200S
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.038		0.0500	0.0848		mg/L		94	75 - 125
Calcium	60		5.00	65.4		mg/L		116	75 - 125

Lab Sample ID: 400-201500-1 MS
Matrix: Water
Analysis Batch: 527142

Client Sample ID: PZ-200S
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	3.2		0.100	3.28		mg/L		85	75 - 125

Lab Sample ID: 400-201500-1 MSD
Matrix: Water
Analysis Batch: 526961

Client Sample ID: PZ-200S
Prep Type: Total Recoverable
Prep Batch: 526819

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	0.0479		mg/L		96	75 - 125	2	20
Arsenic	0.00079	I	0.0500	0.0513		mg/L		101	75 - 125	0	20
Beryllium	0.00017	U	0.0500	0.0501		mg/L		100	75 - 125	1	20
Cadmium	0.00028	U	0.0500	0.0528		mg/L		106	75 - 125	0	20
Chromium	0.0010	U	0.0500	0.0498		mg/L		100	75 - 125	4	20
Cobalt	0.0012	I	0.0500	0.0521		mg/L		102	75 - 125	1	20
Lead	0.00029	U	0.0500	0.0489		mg/L		98	75 - 125	1	20
Lithium	0.0038	I	0.0500	0.0497		mg/L		92	75 - 125	1	20
Molybdenum	0.0045	U	0.0500	0.0514		mg/L		103	75 - 125	3	20
Selenium	0.0015		0.0500	0.0532		mg/L		103	75 - 125	1	20
Thallium	0.00012	U	0.0100	0.0100		mg/L		100	75 - 125	3	20

Lab Sample ID: 400-201500-1 MSD
Matrix: Water
Analysis Batch: 527142

Client Sample ID: PZ-200S
Prep Type: Total Recoverable
Prep Batch: 526819

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.038		0.0500	0.0878		mg/L		100	75 - 125	3	20
Calcium	60		5.00	65.5		mg/L		119	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-526530/14-A
Matrix: Water
Analysis Batch: 526741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526530

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	U	0.00020	0.000070	mg/L		04/07/21 08:18	04/07/21 14:25	1

Lab Sample ID: LCS 400-526530/15-A
Matrix: Water
Analysis Batch: 526741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00102		mg/L		102	80 - 120

Lab Sample ID: 400-201496-C-1-B MS
Matrix: Water
Analysis Batch: 526741

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 526530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000070	I	0.00201	0.00196		mg/L		97	80 - 120

Lab Sample ID: 400-201496-C-1-C MSD
Matrix: Water
Analysis Batch: 526741

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 526530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000070	I	0.00201	0.00186		mg/L		92	80 - 120	6	20

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

Lab Sample ID: MB 400-526704/1
Matrix: Water
Analysis Batch: 526704

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			04/07/21 13:51	1

Lab Sample ID: LCS 400-526704/2
Matrix: Water
Analysis Batch: 526704

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: 400-201424-A-5 DU
Matrix: Water
Analysis Batch: 526704

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	28		64.0	J3	mg/L		78	5

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

Lab Sample ID: MB 400-526834/1
Matrix: Water
Analysis Batch: 526834

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			04/08/21 12:03	1

Lab Sample ID: LCS 400-526834/2
Matrix: Water
Analysis Batch: 526834

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	246		mg/L		84	78 - 122

Lab Sample ID: 400-201500-2 DU
Matrix: Water
Analysis Batch: 526834

Client Sample ID: PZ-200D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	82		82.0		mg/L		0	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-527087/6
Matrix: Water
Analysis Batch: 527087

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			04/10/21 03:39	1

Lab Sample ID: LCS 400-527087/7
Matrix: Water
Analysis Batch: 527087

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	29.6		mg/L		99	90 - 110

Lab Sample ID: MRL 400-527087/3
Matrix: Water
Analysis Batch: 527087

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	1.98	I	mg/L		99	50 - 150

Lab Sample ID: 400-201304-B-2 MS
Matrix: Water
Analysis Batch: 527087

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	5.8		10.0	16.4		mg/L		106	73 - 120

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

Lab Sample ID: 400-201304-B-2 MSD
Matrix: Water
Analysis Batch: 527087

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	5.8		10.0	16.3		mg/L		105	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-527934/34
Matrix: Water
Analysis Batch: 527934

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			04/16/21 14:36	1

Lab Sample ID: LCS 400-527934/35
Matrix: Water
Analysis Batch: 527934

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	100	4.94	J3	mg/L		5	90 - 110

Lab Sample ID: 400-201500-2 MS
Matrix: Water
Analysis Batch: 527934

Client Sample ID: PZ-200D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.080	I J3	1.00	1.29		mg/L		121	75 - 125

Lab Sample ID: 400-201500-2 MSD
Matrix: Water
Analysis Batch: 527934

Client Sample ID: PZ-200D
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 J3	1.00	1.15	J3	mg/L		107	75 - 125	11	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-527121/6
Matrix: Water
Analysis Batch: 527121

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			04/10/21 21:10	1

Lab Sample ID: LCS 400-527121/7
Matrix: Water
Analysis Batch: 527121

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	15.6		mg/L		104	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MRL 400-527121/3
Matrix: Water
Analysis Batch: 527121

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	3.94	I	mg/L		79	50 - 150		

Lab Sample ID: 400-201304-B-2 MS
Matrix: Water
Analysis Batch: 527121

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	10.0		mg/L		100	77 - 128		

Lab Sample ID: 400-201304-B-2 MSD
Matrix: Water
Analysis Batch: 527121

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	10.1		mg/L		101	77 - 128	1	5

Lab Sample ID: 400-201333-B-1 MS
Matrix: Water
Analysis Batch: 527121

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	10.3		mg/L		103	77 - 128		

Lab Sample ID: 400-201333-B-1 MSD
Matrix: Water
Analysis Batch: 527121

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	10.4		mg/L		104	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

400-201500 COC

Client Information	Sampler: Brett / Colten / Trevor	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101869-23631.1
Client Contact: Barry Evans	Phone: 850 380 3458	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000339513			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist GSA Delineation Sampling	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	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		
PZ-200S	4/2/21	0951	G	Water			X	X	X	X	X	X		
PZ-200D	4/2/21	0843		Water										
GSA-2S	4/2/21	1143		Water										
PZ-201D	4/2/21	1450		Water										
PZ-203D	4/2/21	1150		Water										
MW2032/GE-1D	4/2/21	1043		Water										
Dup-05	4/2/21	0943	G	Water			X	X	X	X	X	X		
FB-04	4/2/21	1130	G	Water			X	X		X	X	X		
EB-04	4/2/21	1500	G	Water			X	X		X	X	X		

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		4-2-21 1552			4-2-21 1552	
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: 1.2, 0.1°C IR7

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201500-1
SDG Number: GSA Delineation Sampling

Login Number: 201500
List Number: 1
Creator: Conrady, Hank W

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	12.4°C 0.1°C IR-7
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: 400-201500-1
SDG: GSA Delineation Sampling

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	01-12-22
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	10-31-21
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-21
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
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
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	P330-21-00056	05-17-21
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-21
West Virginia DEP	State	136	06-30-21

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-201500-2
Laboratory Sample Delivery Group: GSA Delineation Sampling
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:
5/3/2021 9:43:45 AM

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

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Job ID: 400-201500-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201500-2

RAD

Method 9315: Radium-226 Batch 160-504961. 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. PZ-200S (400-201500-1), PZ-200D (400-201500-2), GSA-2S (400-201500-3), PZ-201D (400-201500-4), PZ-203D (400-201500-5), MW2032/GE-1D (400-201500-6), DUP-05 (400-201500-7), FB-04 (400-201500-8), EB-04 (400-201500-9), (LCS 160-504961/1-A), (LCSD 160-504961/2-A) and (MB 160-504961/20-A)

Method 9320: Radium-228 prep batch 160-504965. 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. PZ-200S (400-201500-1), PZ-200D (400-201500-2), GSA-2S (400-201500-3), PZ-201D (400-201500-4), PZ-203D (400-201500-5), MW2032/GE-1D (400-201500-6), DUP-05 (400-201500-7), FB-04 (400-201500-8), EB-04 (400-201500-9), (LCS 160-504965/1-A), (LCSD 160-504965/2-A) and (MB 160-504965/20-A)

Method PrecSep_0: Radium 226 Prep Batch 160-504965. Insufficient sample volume was available to perform a sample duplicate for the following samples: PZ-200S (400-201500-1), PZ-200D (400-201500-2), GSA-2S (400-201500-3), PZ-201D (400-201500-4), PZ-203D (400-201500-5), MW2032/GE-1D (400-201500-6), DUP-05 (400-201500-7), FB-04 (400-201500-8) and EB-04 (400-201500-9). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 Prep batch 160-504961. Insufficient sample volume was available to perform a sample duplicate for the following samples: PZ-200S (400-201500-1), PZ-200D (400-201500-2), GSA-2S (400-201500-3), PZ-201D (400-201500-4), PZ-203D (400-201500-5), MW2032/GE-1D (400-201500-6), DUP-05 (400-201500-7), FB-04 (400-201500-8) and EB-04 (400-201500-9). 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: 400-201500-2
SDG: GSA Delineation Sampling

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

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201500-1	PZ-200S	Water	04/02/21 09:51	04/02/21 15:52	
400-201500-2	PZ-200D	Water	04/02/21 08:43	04/02/21 15:52	
400-201500-3	GSA-2S	Water	04/02/21 11:43	04/02/21 15:52	
400-201500-4	PZ-201D	Water	04/02/21 14:50	04/02/21 15:52	
400-201500-5	PZ-203D	Water	04/02/21 11:50	04/02/21 15:52	
400-201500-6	MW2032/GE-1D	Water	04/02/21 10:43	04/02/21 15:52	
400-201500-7	DUP-05	Water	04/02/21 09:43	04/02/21 15:52	
400-201500-8	FB-04	Water	04/02/21 11:30	04/02/21 15:52	
400-201500-9	EB-04	Water	04/02/21 15:00	04/02/21 15:52	

Client Sample Results

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S

Date Collected: 04/02/21 09:51
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-1

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	2.05		0.320	0.370	1.00	0.153	pCi/L	04/08/21 11:58	04/30/21 10:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.36		0.336	0.358	1.00	0.382	pCi/L	04/08/21 12:17	04/27/21 12:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*1*
Y Carrier	*86.4*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*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	3.42		0.464	0.515	5.00	0.382	pCi/L		04/30/21 20:18	1

Client Sample Results

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200D

Date Collected: 04/02/21 08:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-2

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	0.203		0.118	0.120	1.00	0.149	pCi/L	04/08/21 11:58	04/30/21 10:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:17*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.468		0.259	0.262	1.00	0.386	pCi/L	04/08/21 12:17	04/27/21 12:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*1*
Y Carrier	*86.4*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:45*	*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	0.671		0.285	0.288	5.00	0.386	pCi/L		04/30/21 20:18	1

Client Sample Results

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: GSA-2S

Date Collected: 04/02/21 11:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-3

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	8.73		0.680	1.04	1.00	0.211	pCi/L	04/08/21 11:58	04/30/21 10:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:17*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	9.72		0.738	1.16	1.00	0.457	pCi/L	04/08/21 12:17	04/27/21 12:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*1*
Y Carrier	*86.4*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*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	18.4		1.00	1.56	5.00	0.457	pCi/L		04/30/21 20:18	1

Client Sample Results

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-201D

Date Collected: 04/02/21 14:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-4

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	**0.300**		0.138	0.140	1.00	0.151	pCi/L	04/08/21 11:58	04/30/21 10:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:17*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.354	U	0.283	0.284	1.00	0.448	pCi/L	04/08/21 12:17	04/27/21 12:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*1*
Y Carrier	*87.1*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*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	**0.654**		0.315	0.317	5.00	0.448	pCi/L		04/30/21 20:18	1

Client Sample ID: PZ-203D

Date Collected: 04/02/21 11:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-5

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	0.100	U	0.127	0.127	1.00	0.210	pCi/L	04/08/21 11:58	04/30/21 10:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.6*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:17*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.172	U	0.265	0.265	1.00	0.447	pCi/L	04/08/21 12:17	04/27/21 12:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.6*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*1*
Y Carrier	*83.7*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*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	0.272	U	0.294	0.294	5.00	0.447	pCi/L		04/30/21 20:18	1

Client Sample ID: MW2032/GE-1D

Date Collected: 04/02/21 10:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-6

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	0.424		0.168	0.172	1.00	0.191	pCi/L	04/08/21 11:58	04/30/21 10:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:19*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.545		0.266	0.271	1.00	0.381	pCi/L	04/08/21 12:17	04/27/21 12:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*1*
Y Carrier	*85.2*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:46*	*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	0.969		0.315	0.321	5.00	0.381	pCi/L		04/30/21 20:18	1

Client Sample Results

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: DUP-05

Date Collected: 04/02/21 09:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-7

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	0.692		0.197	0.206	1.00	0.178	pCi/L	04/08/21 11:58	04/30/21 10:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:19*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.942		0.291	0.303	1.00	0.356	pCi/L	04/08/21 12:17	04/27/21 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:49*	*1*
Y Carrier	*86.4*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:49*	*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	1.63		0.351	0.366	5.00	0.356	pCi/L		04/30/21 20:18	1

Client Sample ID: FB-04

Date Collected: 04/02/21 11:30
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-8

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	0.0333	U	0.0952	0.0952	1.00	0.177	pCi/L	04/08/21 11:58	04/30/21 10:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.5*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:19*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0186	U	0.178	0.178	1.00	0.323	pCi/L	04/08/21 12:17	04/27/21 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.5*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:49*	*1*
Y Carrier	*89.3*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:49*	*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	0.0519	U	0.202	0.202	5.00	0.323	pCi/L		04/30/21 20:18	1

Client Sample Results

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: EB-04
Date Collected: 04/02/21 15:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-9
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	-0.0409	U	0.0652	0.0654	1.00	0.168	pCi/L	04/08/21 11:58	04/30/21 14:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.1*		*40 - 110*	*04/08/21 11:58*	*04/30/21 14:39*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.230	U	0.280	0.281	1.00	0.463	pCi/L	04/08/21 12:17	04/27/21 12:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.1*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:50*	*1*
Y Carrier	*91.6*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:50*	*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	0.189	U	0.287	0.289	5.00	0.463	pCi/L		04/30/21 20:18	1

Definitions/Glossary

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

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: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S
Date Collected: 04/02/21 09:51
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:16	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:45	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: PZ-200D
Date Collected: 04/02/21 08:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:17	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:45	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: GSA-2S
Date Collected: 04/02/21 11:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:17	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:46	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: PZ-201D
Date Collected: 04/02/21 14:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:17	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:46	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Lab Chronicle

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-203D
Date Collected: 04/02/21 11:50
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507860	04/30/21 10:17	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:46	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: MW2032/GE-1D
Date Collected: 04/02/21 10:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507859	04/30/21 10:19	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507329	04/27/21 12:46	SCB	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: DUP-05
Date Collected: 04/02/21 09:43
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507859	04/30/21 10:19	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507309	04/27/21 12:49	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Client Sample ID: FB-04
Date Collected: 04/02/21 11:30
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	507859	04/30/21 10:19	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507309	04/27/21 12:49	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Lab Chronicle

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

Job ID: 400-201500-2
SDG: GSA Delineation Sampling

Client Sample ID: EB-04
Date Collected: 04/02/21 15:00
Date Received: 04/02/21 15:52

Lab Sample ID: 400-201500-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			504961	04/08/21 11:58	RBR	TAL SL
Total/NA	Analysis	9315		1	508023	04/30/21 14:39	AK	TAL SL
Total/NA	Prep	PrecSep_0			504965	04/08/21 12:17	RBR	TAL SL
Total/NA	Analysis	9320		1	507309	04/27/21 12:50	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	508026	04/30/21 20:18	GRW	TAL SL

Laboratory References:

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

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Prep Batch: 504961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	PrecSep-21	
400-201500-2	PZ-200D	Total/NA	Water	PrecSep-21	
400-201500-3	GSA-2S	Total/NA	Water	PrecSep-21	
400-201500-4	PZ-201D	Total/NA	Water	PrecSep-21	
400-201500-5	PZ-203D	Total/NA	Water	PrecSep-21	
400-201500-6	MW2032/GE-1D	Total/NA	Water	PrecSep-21	
400-201500-7	DUP-05	Total/NA	Water	PrecSep-21	
400-201500-8	FB-04	Total/NA	Water	PrecSep-21	
400-201500-9	EB-04	Total/NA	Water	PrecSep-21	
MB 160-504961/20-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-504961/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-504961/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 504965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201500-1	PZ-200S	Total/NA	Water	PrecSep_0	
400-201500-2	PZ-200D	Total/NA	Water	PrecSep_0	
400-201500-3	GSA-2S	Total/NA	Water	PrecSep_0	
400-201500-4	PZ-201D	Total/NA	Water	PrecSep_0	
400-201500-5	PZ-203D	Total/NA	Water	PrecSep_0	
400-201500-6	MW2032/GE-1D	Total/NA	Water	PrecSep_0	
400-201500-7	DUP-05	Total/NA	Water	PrecSep_0	
400-201500-8	FB-04	Total/NA	Water	PrecSep_0	
400-201500-9	EB-04	Total/NA	Water	PrecSep_0	
MB 160-504965/20-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-504965/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-504965/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-504961/20-A
Matrix: Water
Analysis Batch: 507859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504961

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04082	U	0.106	0.106	1.00	0.196	pCi/L	04/08/21 11:58	04/30/21 10:20	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.8*		*40 - 110*	*04/08/21 11:58*	*04/30/21 10:20*	*1*

Lab Sample ID: LCS 160-504961/1-A
Matrix: Water
Analysis Batch: 507860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504961

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	10.65		1.19	1.00	0.164	pCi/L	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.9*		*40 - 110*

Lab Sample ID: LCSD 160-504961/2-A
Matrix: Water
Analysis Batch: 507860

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504961

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	10.20		1.16	1.00	0.178	pCi/L	90	75 - 125	0.19	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*84.4*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-504965/20-A
Matrix: Water
Analysis Batch: 507309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504965

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1869	U	0.261	0.262	1.00	0.437	pCi/L	04/08/21 12:17	04/27/21 12:50	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.8*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:50*	*1*
Y Carrier	*87.5*		*40 - 110*	*04/08/21 12:17*	*04/27/21 12:50*	*1*

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

Lab Sample ID: LCS 160-504965/1-A
Matrix: Water
Analysis Batch: 507329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504965

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			7.25	7.326		0.928	1.00	0.425	pCi/L	101	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.9*		*40 - 110*
Y Carrier	*82.6*		*40 - 110*

Lab Sample ID: LCSD 160-504965/2-A
Matrix: Water
Analysis Batch: 507329

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504965

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			7.25	8.016		1.00	1.00	0.442	pCi/L	111	75 - 125	0.36	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*84.4*		*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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400-201500 COC

Client Information	Sampler: Brett / Colten / Trevor	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-101869-23631.1
Client Contact: Barry Evans	Phone: 850 380 3458	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000339513			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist GSA Delineation Sampling	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	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		
PZ-200S	4/2/21	0951	G	Water			X	X	X	X	X	X		
PZ-200D	4/2/21	0843		Water										
GSA-2S	4/2/21	1143		Water										
PZ-201D	4/2/21	1450		Water										
PZ-203D	4/2/21	1150		Water										
MW2032/GE-1D	4/2/21	1043		Water										
Dup-05	4/2/21	0943	G	Water			X	X	X	X	X	X		
FB-04	4/2/21	1130	G	Water			X	X		X	X	X		
EB-04	4/2/21	1500	G	Water			X	X		X	X	X		

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		4-2-21 1552			4-2-21 1552	
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: 1.2, 0.1°C IR7

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201500-2
SDG Number: GSA Delineation Sampling

Login Number: 201500
List Number: 1
Creator: Conrady, Hank W

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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	12.4°C 0.1°C IR-7
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: 400-201500-2
SDG Number: GSA Delineation Sampling

Login Number: 201500
List Number: 2
Creator: Worthington, Sierra M

List Source: Eurofins TestAmerica, St. Louis
List Creation: 04/07/21 01:35 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.	True	
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: 400-201500-2
SDG: GSA Delineation Sampling

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
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	11-30-21
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-21
Louisiana (DW)	State	LA011	12-31-21
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	04-01-22
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	03-01-22
South Carolina	State	85002001	06-30-21
Texas	NELAP	T104704193	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.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-207993-1
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:
9/26/2021 2:45:13 PM

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

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Job ID: 400-207993-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-207993-1

Metals

Method 6020: The continuing calibration verification (CCV) associated with batch 400-547755 recovered above the upper control limit for Selenium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (MB 400-547093/1-A ^5).

Method 6020: The ICV for batch 400-547755 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 400-547755/9)

Method 6020: The post digestion spike % recovery for Boron and Selenium associated with batch 400-547755 was outside of control limits. The associated sample is: (400-207992-C-3-B PDS ^5).

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-547093 and analytical batch 400-547755 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.

Detection Summary

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-100 — Lab Sample ID: 400-207993-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00059	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.020		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.021	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	1.1		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0014	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.00069	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Thallium	0.00015	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	40		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
Fluoride	0.080	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Field pH	4.81				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 400-207993-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0089		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	0.63		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	8.0		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
Fluoride	0.040	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Field pH	5.07				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 400-207993-3

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
Boron	0.018	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	0.47		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	10		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
Fluoride	0.10		0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Field pH	4.87				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 400-207993-4

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
Boron	0.022	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	1.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	8.0		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-108 (Continued) — Lab Sample ID: 400-207993-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	4.7	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.77				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-306 — Lab Sample ID: 400-207993-5

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
Calcium	0.56		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	10		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	4.94				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-307 — Lab Sample ID: 400-207993-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	0.73		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00069	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Chloride	5.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.040	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Field pH	5.16				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 400-207993-7

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
Boron	0.020	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	1.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	14		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.040	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	4.9	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.77				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: 400-207993-1
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: 400-207993-1
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-207993-1	MW-100	Water	09/02/21 09:48	09/03/21 16:04
400-207993-2	MW-101	Water	09/02/21 08:48	09/03/21 16:04
400-207993-3	MW-107	Water	09/02/21 11:55	09/03/21 16:04
400-207993-4	MW-108	Water	09/02/21 09:55	09/03/21 16:04
400-207993-5	MW-306	Water	09/02/21 14:30	09/03/21 16:04
400-207993-6	MW-307	Water	09/02/21 12:22	09/03/21 16:04
400-207993-7	DUP-01	Water	09/02/21 08:55	09/03/21 16:04

Client Sample Results

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-100

Date Collected: 09/02/21 09:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-1

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		09/12/21 15:40	09/16/21 23:37	5
Arsenic	**0.00059**	**I**	0.0013	0.00039	mg/L		09/12/21 15:40	09/16/21 23:37	5
Barium	**0.020**		0.0025	0.00070	mg/L		09/12/21 15:40	09/16/21 23:37	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/16/21 23:37	5
Boron	**0.021**	**I**	0.050	0.018	mg/L		09/12/21 15:40	09/16/21 23:37	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/16/21 23:37	5
Calcium	**1.1**		0.25	0.13	mg/L		09/12/21 15:40	09/16/21 23:37	5
Chromium	**0.0014**	**I**	0.0025	0.0010	mg/L		09/12/21 15:40	09/16/21 23:37	5
Cobalt	**0.00069**	**I**	0.0025	0.00056	mg/L		09/12/21 15:40	09/16/21 23:37	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/16/21 23:37	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/16/21 23:37	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/16/21 23:37	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/16/21 23:37	5
Thallium	**0.00015**	**I**	0.00050	0.00012	mg/L		09/12/21 15:40	09/16/21 23:37	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:01	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**40**		5.0	5.0	mg/L			09/08/21 15:33	1
Chloride	**5.8**		2.0	1.4	mg/L			09/18/21 04:12	1
Fluoride	**0.080**	**I**	0.10	0.032	mg/L			09/24/21 16:28	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 03:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.81**				SU			09/02/21 09:48	1

Client Sample Results

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-101

Date Collected: 09/02/21 08:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-2

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		09/12/21 15:40	09/16/21 23:42	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/16/21 23:42	5
Barium	**0.0089**		0.0025	0.00070	mg/L		09/12/21 15:40	09/16/21 23:42	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/16/21 23:42	5
Boron	0.018	U	0.050	0.018	mg/L		09/12/21 15:40	09/16/21 23:42	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/16/21 23:42	5
Calcium	**0.63**		0.25	0.13	mg/L		09/12/21 15:40	09/16/21 23:42	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/12/21 15:40	09/16/21 23:42	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/16/21 23:42	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/16/21 23:42	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/16/21 23:42	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/16/21 23:42	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/16/21 23:42	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/16/21 23:42	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:09	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			09/08/21 15:33	1
Chloride	**5.1**		2.0	1.4	mg/L			09/18/21 04:12	1
Fluoride	**0.040**	**I**	0.10	0.032	mg/L			09/07/21 14:03	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 03:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.07**				SU			09/02/21 08:48	1

Client Sample Results

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-107

Date Collected: 09/02/21 11:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-3

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		09/12/21 15:40	09/16/21 23:48	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/16/21 23:48	5
Barium	**0.012**		0.0025	0.00070	mg/L		09/12/21 15:40	09/16/21 23:48	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/16/21 23:48	5
Boron	**0.018**	**I**	0.050	0.018	mg/L		09/12/21 15:40	09/16/21 23:48	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/16/21 23:48	5
Calcium	**0.47**		0.25	0.13	mg/L		09/12/21 15:40	09/16/21 23:48	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/12/21 15:40	09/16/21 23:48	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/16/21 23:48	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/16/21 23:48	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/16/21 23:48	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/16/21 23:48	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/16/21 23:48	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/16/21 23:48	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:10	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**10**		5.0	5.0	mg/L			09/08/21 15:33	1
Chloride	**5.1**		2.0	1.4	mg/L			09/18/21 04:12	1
Fluoride	**0.10**		0.10	0.032	mg/L			09/07/21 13:53	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 03:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.87**				SU			09/02/21 11:55	1

Client Sample Results

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-108

Date Collected: 09/02/21 09:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-4

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		09/12/21 15:40	09/16/21 23:54	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/16/21 23:54	5
Barium	**0.011**		0.0025	0.00070	mg/L		09/12/21 15:40	09/16/21 23:54	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/16/21 23:54	5
Boron	**0.022**	**I**	0.050	0.018	mg/L		09/12/21 15:40	09/16/21 23:54	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/16/21 23:54	5
Calcium	**1.5**		0.25	0.13	mg/L		09/12/21 15:40	09/16/21 23:54	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/12/21 15:40	09/16/21 23:54	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/16/21 23:54	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/16/21 23:54	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/16/21 23:54	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/16/21 23:54	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/16/21 23:54	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/16/21 23:54	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:12	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			09/08/21 15:33	1
Chloride	**5.2**		2.0	1.4	mg/L			09/18/21 04:12	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/07/21 12:23	1
Sulfate	**4.7**	**I**	5.0	1.4	mg/L			09/18/21 03:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.77**				SU			09/02/21 09:55	1

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-306
Date Collected: 09/02/21 14:30
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-5
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		09/12/21 15:40	09/17/21 00:00	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/17/21 00:00	5
Barium	**0.012**		0.0025	0.00070	mg/L		09/12/21 15:40	09/17/21 00:00	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/17/21 00:00	5
Boron	0.018	U	0.050	0.018	mg/L		09/12/21 15:40	09/17/21 00:00	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/17/21 00:00	5
Calcium	**0.56**		0.25	0.13	mg/L		09/12/21 15:40	09/17/21 00:00	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/12/21 15:40	09/17/21 00:00	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/17/21 00:00	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/17/21 00:00	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/17/21 00:00	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/17/21 00:00	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/17/21 00:00	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/17/21 00:00	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:14	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**10**		5.0	5.0	mg/L			09/08/21 15:33	1
Chloride	**5.9**		2.0	1.4	mg/L			09/18/21 04:12	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/07/21 12:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 03:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.94**				SU			09/02/21 14:30	1

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-307

Date Collected: 09/02/21 12:22
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-6

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		09/12/21 15:40	09/17/21 00:06	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/17/21 00:06	5
Barium	**0.017**		0.0025	0.00070	mg/L		09/12/21 15:40	09/17/21 00:06	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/17/21 00:06	5
Boron	0.018	U	0.050	0.018	mg/L		09/12/21 15:40	09/17/21 00:06	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/17/21 00:06	5
Calcium	**0.73**		0.25	0.13	mg/L		09/12/21 15:40	09/17/21 00:06	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/12/21 15:40	09/17/21 00:06	5
Cobalt	**0.00069**	**I**	0.0025	0.00056	mg/L		09/12/21 15:40	09/17/21 00:06	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/17/21 00:06	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/17/21 00:06	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/17/21 00:06	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/17/21 00:06	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/17/21 00:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:20	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			09/08/21 15:33	1
Chloride	**5.1**		2.0	1.4	mg/L			09/18/21 04:12	1
Fluoride	**0.040**	**I**	0.10	0.032	mg/L			09/07/21 12:26	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 03:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.16**				SU			09/02/21 12:22	1

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: DUP-01

Date Collected: 09/02/21 08:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-7

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		09/12/21 15:40	09/17/21 00:53	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/17/21 00:53	5
Barium	**0.011**		0.0025	0.00070	mg/L		09/12/21 15:40	09/17/21 00:53	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/17/21 00:53	5
Boron	**0.020**	**I**	0.050	0.018	mg/L		09/12/21 15:40	09/17/21 00:53	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/17/21 00:53	5
Calcium	**1.5**		0.25	0.13	mg/L		09/12/21 15:40	09/17/21 00:53	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/12/21 15:40	09/17/21 00:53	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/17/21 00:53	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/17/21 00:53	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/17/21 00:53	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/17/21 00:53	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/17/21 00:53	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/17/21 00:53	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:22	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**14**		5.0	5.0	mg/L			09/08/21 15:33	1
Chloride	**5.2**		2.0	1.4	mg/L			09/18/21 04:12	1
Fluoride	**0.040**	**I**	0.10	0.032	mg/L			09/07/21 12:20	1
Sulfate	**4.9**	**I**	5.0	1.4	mg/L			09/18/21 03:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.77**				SU			09/02/21 08:55	1

Definitions/Glossary

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

Job ID: 400-207993-1
SDG: Background A

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.
L	Off-scale high. Actual value is known to be greater than the value given.
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: 400-207993-1
SDG: Background A

Client Sample ID: MW-100
Date Collected: 09/02/21 09:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547093	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547755	09/16/21 23:37	LDC	TAL PEN
Total/NA	Prep	7470A			546486	09/08/21 09:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	546564	09/08/21 14:01	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546567	09/08/21 15:33	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547882	09/18/21 04:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	548769	09/24/21 16:28	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547881	09/18/21 03:08	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/02/21 09:48	FS	TAL PEN

Client Sample ID: MW-101
Date Collected: 09/02/21 08:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547093	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547755	09/16/21 23:42	LDC	TAL PEN
Total/NA	Prep	7470A			546486	09/08/21 09:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	546564	09/08/21 14:09	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546567	09/08/21 15:33	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547882	09/18/21 04:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546394	09/07/21 14:03	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547881	09/18/21 03:15	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/02/21 08:48	FS	TAL PEN

Client Sample ID: MW-107
Date Collected: 09/02/21 11:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547093	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547755	09/16/21 23:48	LDC	TAL PEN
Total/NA	Prep	7470A			546486	09/08/21 09:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	546564	09/08/21 14:10	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546567	09/08/21 15:33	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547882	09/18/21 04:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546394	09/07/21 13:53	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547881	09/18/21 03:15	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/02/21 11:55	FS	TAL PEN

Lab Chronicle

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: MW-108
Date Collected: 09/02/21 09:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547093	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547755	09/16/21 23:54	LDC	TAL PEN
Total/NA	Prep	7470A			546486	09/08/21 09:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	546564	09/08/21 14:12	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546567	09/08/21 15:33	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547882	09/18/21 04:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546356	09/07/21 12:23	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547881	09/18/21 03:15	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/02/21 09:55	FS	TAL PEN

Client Sample ID: MW-306
Date Collected: 09/02/21 14:30
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547093	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547755	09/17/21 00:00	LDC	TAL PEN
Total/NA	Prep	7470A			546486	09/08/21 09:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	546564	09/08/21 14:14	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546567	09/08/21 15:33	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547882	09/18/21 04:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546356	09/07/21 12:48	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547881	09/18/21 03:15	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/02/21 14:30	FS	TAL PEN

Client Sample ID: MW-307
Date Collected: 09/02/21 12:22
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547093	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547755	09/17/21 00:06	LDC	TAL PEN
Total/NA	Prep	7470A			546486	09/08/21 09:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	546564	09/08/21 14:20	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546567	09/08/21 15:33	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547882	09/18/21 04:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546356	09/07/21 12:26	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547881	09/18/21 03:15	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/02/21 12:22	FS	TAL PEN

Lab Chronicle

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: DUP-01
Date Collected: 09/02/21 08:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547093	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547755	09/17/21 00:53	LDC	TAL PEN
Total/NA	Prep	7470A			546486	09/08/21 09:18	NET	TAL PEN
Total/NA	Analysis	7470A		1	546564	09/08/21 14:22	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546567	09/08/21 15:33	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547882	09/18/21 04:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546356	09/07/21 12:20	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547881	09/18/21 03:15	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/02/21 08:55	FS	TAL PEN

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

Metals

Prep Batch: 546486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	7470A	
400-207993-2	MW-101	Total/NA	Water	7470A	
400-207993-3	MW-107	Total/NA	Water	7470A	
400-207993-4	MW-108	Total/NA	Water	7470A	
400-207993-5	MW-306	Total/NA	Water	7470A	
400-207993-6	MW-307	Total/NA	Water	7470A	
400-207993-7	DUP-01	Total/NA	Water	7470A	
MB 400-546486/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-546486/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-207993-1 MS	MW-100	Total/NA	Water	7470A	
400-207993-1 MSD	MW-100	Total/NA	Water	7470A	

Analysis Batch: 546564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	7470A	546486
400-207993-2	MW-101	Total/NA	Water	7470A	546486
400-207993-3	MW-107	Total/NA	Water	7470A	546486
400-207993-4	MW-108	Total/NA	Water	7470A	546486
400-207993-5	MW-306	Total/NA	Water	7470A	546486
400-207993-6	MW-307	Total/NA	Water	7470A	546486
400-207993-7	DUP-01	Total/NA	Water	7470A	546486
MB 400-546486/14-A	Method Blank	Total/NA	Water	7470A	546486
LCS 400-546486/15-A	Lab Control Sample	Total/NA	Water	7470A	546486
400-207993-1 MS	MW-100	Total/NA	Water	7470A	546486
400-207993-1 MSD	MW-100	Total/NA	Water	7470A	546486

Prep Batch: 547093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total Recoverable	Water	3005A	
400-207993-2	MW-101	Total Recoverable	Water	3005A	
400-207993-3	MW-107	Total Recoverable	Water	3005A	
400-207993-4	MW-108	Total Recoverable	Water	3005A	
400-207993-5	MW-306	Total Recoverable	Water	3005A	
400-207993-6	MW-307	Total Recoverable	Water	3005A	
400-207993-7	DUP-01	Total Recoverable	Water	3005A	
MB 400-547093/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-547093/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-207992-C-3-C MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-207992-C-3-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 547755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total Recoverable	Water	6020	547093
400-207993-2	MW-101	Total Recoverable	Water	6020	547093
400-207993-3	MW-107	Total Recoverable	Water	6020	547093
400-207993-4	MW-108	Total Recoverable	Water	6020	547093
400-207993-5	MW-306	Total Recoverable	Water	6020	547093
400-207993-6	MW-307	Total Recoverable	Water	6020	547093
400-207993-7	DUP-01	Total Recoverable	Water	6020	547093
MB 400-547093/1-A ^5	Method Blank	Total Recoverable	Water	6020	547093
LCS 400-547093/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	547093

Metals (Continued)

Analysis Batch: 547755 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207992-C-3-C MS ^5	Matrix Spike	Total Recoverable	Water	6020	547093
400-207992-C-3-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	547093

General Chemistry

Analysis Batch: 546356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-4	MW-108	Total/NA	Water	SM 4500 F C	
400-207993-5	MW-306	Total/NA	Water	SM 4500 F C	
400-207993-6	MW-307	Total/NA	Water	SM 4500 F C	
400-207993-7	DUP-01	Total/NA	Water	SM 4500 F C	
MB 400-546356/5	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-546356/7	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-207993-B-1 MS	400-207993-B-1 MS	Total/NA	Water	SM 4500 F C	
400-207993-B-1 MSD	400-207993-B-1 MSD	Total/NA	Water	SM 4500 F C	

Analysis Batch: 546394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-2	MW-101	Total/NA	Water	SM 4500 F C	
400-207993-3	MW-107	Total/NA	Water	SM 4500 F C	
MB 400-546394/2	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-546394/5	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-207993-3 MS	MW-107	Total/NA	Water	SM 4500 F C	
400-207993-3 MSD	MW-107	Total/NA	Water	SM 4500 F C	

Analysis Batch: 546567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	SM 2540C	
400-207993-2	MW-101	Total/NA	Water	SM 2540C	
400-207993-3	MW-107	Total/NA	Water	SM 2540C	
400-207993-4	MW-108	Total/NA	Water	SM 2540C	
400-207993-5	MW-306	Total/NA	Water	SM 2540C	
400-207993-6	MW-307	Total/NA	Water	SM 2540C	
400-207993-7	DUP-01	Total/NA	Water	SM 2540C	
MB 400-546567/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-546567/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-207993-6 DU	MW-307	Total/NA	Water	SM 2540C	

Analysis Batch: 547881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	SM 4500 SO4 E	
400-207993-2	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-207993-3	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-207993-4	MW-108	Total/NA	Water	SM 4500 SO4 E	
400-207993-5	MW-306	Total/NA	Water	SM 4500 SO4 E	
400-207993-6	MW-307	Total/NA	Water	SM 4500 SO4 E	
400-207993-7	DUP-01	Total/NA	Water	SM 4500 SO4 E	
MB 400-547881/5	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-547881/34	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-547881/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-207993-1 MS	MW-100	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 547881 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1 MSD	MW-100	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 547882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-207993-2	MW-101	Total/NA	Water	SM 4500 Cl- E	
400-207993-3	MW-107	Total/NA	Water	SM 4500 Cl- E	
400-207993-4	MW-108	Total/NA	Water	SM 4500 Cl- E	
400-207993-5	MW-306	Total/NA	Water	SM 4500 Cl- E	
400-207993-6	MW-307	Total/NA	Water	SM 4500 Cl- E	
400-207993-7	DUP-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-547882/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-547882/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-547882/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-207993-2 MS	MW-101	Total/NA	Water	SM 4500 Cl- E	
400-207993-2 MSD	MW-101	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 548769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	SM 4500 F C	
MB 400-548769/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-548769/7	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-207993-1 MS	MW-100	Total/NA	Water	SM 4500 F C	
400-207993-1 MSD	MW-100	Total/NA	Water	SM 4500 F C	
400-208550-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-208550-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 548712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	Field Sampling	
400-207993-2	MW-101	Total/NA	Water	Field Sampling	
400-207993-3	MW-107	Total/NA	Water	Field Sampling	
400-207993-4	MW-108	Total/NA	Water	Field Sampling	
400-207993-5	MW-306	Total/NA	Water	Field Sampling	
400-207993-6	MW-307	Total/NA	Water	Field Sampling	
400-207993-7	DUP-01	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-547093/1-A ^5
Matrix: Water
Analysis Batch: 547755

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 547093

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/12/21 15:40	09/16/21 21:51	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/16/21 21:51	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/12/21 15:40	09/16/21 21:51	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/16/21 21:51	5
Boron	0.018	U	0.050	0.018	mg/L		09/12/21 15:40	09/16/21 21:51	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/16/21 21:51	5
Calcium	0.13	U	0.25	0.13	mg/L		09/12/21 15:40	09/16/21 21:51	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/12/21 15:40	09/16/21 21:51	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/16/21 21:51	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/16/21 21:51	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/16/21 21:51	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/16/21 21:51	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/16/21 21:51	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/16/21 21:51	5

Lab Sample ID: LCS 400-547093/2-A ^5
Matrix: Water
Analysis Batch: 547755

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 547093

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0492		mg/L		98	80 - 120
Arsenic	0.0500	0.0538		mg/L		108	80 - 120
Barium	0.0500	0.0496		mg/L		99	80 - 120
Beryllium	0.0500	0.0491		mg/L		98	80 - 120
Boron	0.100	0.0970		mg/L		97	80 - 120
Cadmium	0.0500	0.0527		mg/L		105	80 - 120
Calcium	5.00	4.85		mg/L		97	80 - 120
Chromium	0.0500	0.0508		mg/L		102	80 - 120
Cobalt	0.0500	0.0525		mg/L		105	80 - 120
Lead	0.0500	0.0496		mg/L		99	80 - 120
Lithium	0.0500	0.0500		mg/L		100	80 - 120
Molybdenum	0.0500	0.0512		mg/L		102	80 - 120
Thallium	0.0100	0.00909		mg/L		91	80 - 120

Lab Sample ID: 400-207992-C-3-C MS ^5
Matrix: Water
Analysis Batch: 547755

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 547093

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0485		mg/L		97	75 - 125
Arsenic	0.00084	I	0.0500	0.0503		mg/L		99	75 - 125
Barium	0.020		0.0500	0.0648		mg/L		89	75 - 125
Beryllium	0.00076	I	0.0500	0.0510		mg/L		100	75 - 125
Boron	8.4	L	0.100	8.57	L J3	mg/L		127	75 - 125
Cadmium	0.00061	I	0.0500	0.0523		mg/L		103	75 - 125
Calcium	63		5.00	68.2		mg/L		101	75 - 125
Chromium	0.0025		0.0500	0.0513		mg/L		98	75 - 125
Cobalt	0.018		0.0500	0.0671		mg/L		99	75 - 125
Lead	0.0020		0.0500	0.0521		mg/L		100	75 - 125

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

Lab Sample ID: 400-207992-C-3-C MS ^5
Matrix: Water
Analysis Batch: 547755

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 547093

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	0.021		0.0500	0.0712		mg/L		100	75 - 125
Molybdenum	0.0045	U	0.0500	0.0517		mg/L		103	75 - 125
Selenium	0.0027		0.0500	0.0277	J3	mg/L		50	75 - 125
Thallium	0.00037	I	0.0100	0.00982		mg/L		94	75 - 125

Lab Sample ID: 400-207992-C-3-D MSD ^5
Matrix: Water
Analysis Batch: 547755

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 547093

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	0.0489		mg/L		98	75 - 125	1	20
Arsenic	0.00084	I	0.0500	0.0499		mg/L		98	75 - 125	1	20
Barium	0.020		0.0500	0.0649		mg/L		89	75 - 125	0	20
Beryllium	0.00076	I	0.0500	0.0516		mg/L		102	75 - 125	1	20
Boron	8.4	L	0.100	8.73	L J3	mg/L		294	75 - 125	2	20
Cadmium	0.00061	I	0.0500	0.0514		mg/L		102	75 - 125	2	20
Calcium	63		5.00	67.6		mg/L		88	75 - 125	1	20
Chromium	0.0025		0.0500	0.0515		mg/L		98	75 - 125	0	20
Cobalt	0.018		0.0500	0.0668		mg/L		98	75 - 125	0	20
Lead	0.0020		0.0500	0.0530		mg/L		102	75 - 125	2	20
Lithium	0.021		0.0500	0.0719		mg/L		101	75 - 125	1	20
Molybdenum	0.0045	U	0.0500	0.0514		mg/L		103	75 - 125	0	20
Selenium	0.0027		0.0500	0.0277	J3	mg/L		50	75 - 125	0	20
Thallium	0.00037	I	0.0100	0.00973		mg/L		94	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-546486/14-A
Matrix: Water
Analysis Batch: 546564

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 546486

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 13:57	1

Lab Sample ID: LCS 400-546486/15-A
Matrix: Water
Analysis Batch: 546564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 546486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000892		mg/L		89	80 - 120

Lab Sample ID: 400-207993-1 MS
Matrix: Water
Analysis Batch: 546564

Client Sample ID: MW-100
Prep Type: Total/NA
Prep Batch: 546486

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00015	U	0.00201	0.00186		mg/L		92	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-207993-1 MSD
Matrix: Water
Analysis Batch: 546564

Client Sample ID: MW-100
Prep Type: Total/NA
Prep Batch: 546486

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00015	U	0.00201	0.00187		mg/L		93	80 - 120	1	20

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

Lab Sample ID: MB 400-546567/1
Matrix: Water
Analysis Batch: 546567

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			09/08/21 15:33	1

Lab Sample ID: LCS 400-546567/2
Matrix: Water
Analysis Batch: 546567

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	262		mg/L		89	78 - 122

Lab Sample ID: 400-207993-6 DU
Matrix: Water
Analysis Batch: 546567

Client Sample ID: MW-307
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	5.0	U	36.0		mg/L		NC	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-547882/6
Matrix: Water
Analysis Batch: 547882

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			09/18/21 04:11	1

Lab Sample ID: LCS 400-547882/7
Matrix: Water
Analysis Batch: 547882

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	28.6		mg/L		95	90 - 110

Lab Sample ID: MRL 400-547882/3
Matrix: Water
Analysis Batch: 547882

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	2.32		mg/L		116	50 - 150

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

Lab Sample ID: 400-207993-2 MS
Matrix: Water
Analysis Batch: 547882

Client Sample ID: MW-101
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	5.1		10.0	14.9		mg/L		98	73 - 120		

Lab Sample ID: 400-207993-2 MSD
Matrix: Water
Analysis Batch: 547882

Client Sample ID: MW-101
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.1		10.0	14.9		mg/L		98	73 - 120	0	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-546356/5
Matrix: Water
Analysis Batch: 546356

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			09/07/21 11:18	1

Lab Sample ID: LCS 400-546356/7
Matrix: Water
Analysis Batch: 546356

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	4.89		mg/L		98	90 - 110		

Lab Sample ID: 400-207993-B-1 MS
Matrix: Water
Analysis Batch: 546356

Client Sample ID: 400-207993-B-1 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	0.040	I	1.00	1.29		mg/L		125	75 - 125		

Lab Sample ID: 400-207993-B-1 MSD
Matrix: Water
Analysis Batch: 546356

Client Sample ID: 400-207993-B-1 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.040	I	1.00	1.21	J3	mg/L		117	75 - 125	6	4

Lab Sample ID: MB 400-546394/2
Matrix: Water
Analysis Batch: 546394

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			09/07/21 13:37	1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 400-546394/5
Matrix: Water
Analysis Batch: 546394

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	4.73		mg/L		95	90 - 110		

Lab Sample ID: 400-207993-3 MS
Matrix: Water
Analysis Batch: 546394

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		
Fluoride	0.10		1.00	1.23		mg/L		113	75 - 125		

Lab Sample ID: 400-207993-3 MSD
Matrix: Water
Analysis Batch: 546394

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
Fluoride	0.10		1.00	1.23		mg/L		113	75 - 125	0	4

Lab Sample ID: MB 400-548769/3
Matrix: Water
Analysis Batch: 548769

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			09/24/21 16:11	1

Lab Sample ID: LCS 400-548769/7
Matrix: Water
Analysis Batch: 548769

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	5.28		mg/L		106	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-547881/5
Matrix: Water
Analysis Batch: 547881

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			09/18/21 03:08	1

Lab Sample ID: LCS 400-547881/34
Matrix: Water
Analysis Batch: 547881

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	13.8		mg/L		92	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MRL 400-547881/3
Matrix: Water
Analysis Batch: 547881

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	5.00		mg/L		100	50 - 150		

Lab Sample ID: 400-207993-1 MS
Matrix: Water
Analysis Batch: 547881

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	10.6		mg/L		106	77 - 128		

Lab Sample ID: 400-207993-1 MSD
Matrix: Water
Analysis Batch: 547881

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	10.8		mg/L		108	77 - 128	2	5

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: 400-104621-23627.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist Background A	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)	m MS/M	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:											
MW-100	9/2/21	0948	G	Water			X	X	X	X	X	X		
MW-101	9/2/21	0848	G	Water										
MW-107	9/2/21	1155	G	Water										
MW-108	9/2/21	0955	G	Water										
MW-306	9/2/21	1430	G	Water										
MW-307	9/2/21	1222	G	Water										
Dup-01	9/2/21	0855	G	Water			X	X	X	X	X	X		

400-207993 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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 9/3/21 1604	Company RDH	Received by: Brandon Wantz
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 9-3-21 1604	Company		
Date/Time:	Company		
Date/Time:	Company		

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

Cooler Temperature(s) °C and Other Remarks: 1.5, 2.8 0.0 IR 1R8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-207993-1
SDG Number: Background A

Login Number: 207993
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	0.0, 1.2, 2.8°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: CCR Plant Crist

Job ID: 400-207993-1
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	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	09-30-21

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-207993-2
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:
10/20/2021 11:11:46 AM

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

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Case Narrative

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

Job ID: 400-207993-2
SDG: Background A

Job ID: 400-207993-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-207993-2

RAD

Method 9315: Radium 226 prep batch 160-526810. 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 (400-207993-1), MW-101 (400-207993-2), MW-107 (400-207993-3), MW-108 (400-207993-4), MW-306 (400-207993-5), MW-307 (400-207993-6), DUP-01 (400-207993-7), (LCS 160-526810/1-A), (LCSD 160-526810/2-A) and (MB 160-526810/23-A)

Method 9320: Radium-228 Batch 526812. 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 (400-207993-1), MW-101 (400-207993-2), MW-107 (400-207993-3), MW-108 (400-207993-4), MW-306 (400-207993-5), MW-307 (400-207993-6) and DUP-01 (400-207993-7)

Method PrecSep_0: Ra-228 Batch 160-526812. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-100 (400-207993-1), MW-101 (400-207993-2), MW-107 (400-207993-3), MW-108 (400-207993-4), MW-306 (400-207993-5), MW-307 (400-207993-6) and DUP-01 (400-207993-7). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Ra-226 Batch 160-526810. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-100 (400-207993-1), MW-101 (400-207993-2), MW-107 (400-207993-3), MW-108 (400-207993-4), MW-306 (400-207993-5), MW-307 (400-207993-6) and DUP-01 (400-207993-7). 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: 400-207993-2
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

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

Job ID: 400-207993-2
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-207993-1	MW-100	Water	09/02/21 09:48	09/03/21 16:04
400-207993-2	MW-101	Water	09/02/21 08:48	09/03/21 16:04
400-207993-3	MW-107	Water	09/02/21 11:55	09/03/21 16:04
400-207993-4	MW-108	Water	09/02/21 09:55	09/03/21 16:04
400-207993-5	MW-306	Water	09/02/21 14:30	09/03/21 16:04
400-207993-6	MW-307	Water	09/02/21 12:22	09/03/21 16:04
400-207993-7	DUP-01	Water	09/02/21 08:55	09/03/21 16:04

Client Sample ID: MW-100

Date Collected: 09/02/21 09:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-1

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	0.746		0.264	0.272	1.00	0.266	pCi/L	09/13/21 14:09	10/13/21 10:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.0*		*40 - 110*	*09/13/21 14:09*	*10/13/21 10:59*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.909		0.343	0.353	1.00	0.480	pCi/L	09/13/21 14:46	10/12/21 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.0*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*1*
Y Carrier	*81.1*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*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	1.65		0.433	0.446	5.00	0.480	pCi/L		10/18/21 21:29	1

Client Sample Results

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

Job ID: 400-207993-2
SDG: Background A

Client Sample ID: MW-101
Date Collected: 09/02/21 08:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-2
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	0.243	U	0.204	0.205	1.00	0.311	pCi/L	09/13/21 14:09	10/13/21 10:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*40 - 110*	*09/13/21 14:09*	*10/13/21 10:59*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.732**		0.291	0.299	1.00	0.403	pCi/L	09/13/21 14:46	10/12/21 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*1*
Y Carrier	*80.7*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*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	**0.975**		0.355	0.363	5.00	0.403	pCi/L		10/18/21 21:29	1

Client Sample ID: MW-107

Date Collected: 09/02/21 11:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-3

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	0.617		0.281	0.287	1.00	0.357	pCi/L	09/13/21 14:09	10/13/21 11:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*40 - 110*	*09/13/21 14:09*	*10/13/21 11:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.13		0.328	0.344	1.00	0.422	pCi/L	09/13/21 14:46	10/12/21 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*1*
Y Carrier	*81.9*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*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		0.432	0.448	5.00	0.422	pCi/L		10/18/21 21:29	1

Client Sample ID: MW-108

Date Collected: 09/02/21 09:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-4

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	0.276	U	0.240	0.242	1.00	0.373	pCi/L	09/13/21 14:09	10/13/21 11:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.2*		*40 - 110*	*09/13/21 14:09*	*10/13/21 11:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.86**		0.394	0.429	1.00	0.446	pCi/L	09/13/21 14:46	10/12/21 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.2*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*1*
Y Carrier	*81.5*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:14*	*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	**2.13**		0.461	0.493	5.00	0.446	pCi/L		10/18/21 21:29	1

Client Sample ID: MW-306

Date Collected: 09/02/21 14:30
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-5

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	0.227	U	0.240	0.241	1.00	0.387	pCi/L	09/13/21 14:09	10/13/21 11:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*40 - 110*	*09/13/21 14:09*	*10/13/21 11:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.629**		0.301	0.307	1.00	0.440	pCi/L	09/13/21 14:46	10/12/21 12:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:15*	*1*
Y Carrier	*81.5*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:15*	*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	**0.856**		0.385	0.390	5.00	0.440	pCi/L		10/18/21 21:29	1

Client Sample ID: MW-307

Date Collected: 09/02/21 12:22
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-6

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	0.446		0.267	0.270	1.00	0.374	pCi/L	09/13/21 14:09	10/13/21 11:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.7*		*40 - 110*	*09/13/21 14:09*	*10/13/21 11:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.505		0.309	0.313	1.00	0.470	pCi/L	09/13/21 14:46	10/12/21 12:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.7*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:15*	*1*
Y Carrier	*82.2*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:15*	*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	0.951		0.408	0.413	5.00	0.470	pCi/L		10/18/21 21:29	1

Client Sample ID: DUP-01

Date Collected: 09/02/21 08:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-7

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	0.557		0.245	0.250	1.00	0.303	pCi/L	09/13/21 14:09	10/13/21 11:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*40 - 110*	*09/13/21 14:09*	*10/13/21 11:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.70		0.385	0.416	1.00	0.461	pCi/L	09/13/21 14:46	10/12/21 12:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:15*	*1*
Y Carrier	*81.1*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:15*	*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	2.26		0.456	0.485	5.00	0.461	pCi/L		10/18/21 21:29	1

Definitions/Glossary

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

Job ID: 400-207993-2
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: 400-207993-2
SDG: Background A

Client Sample ID: MW-100
Date Collected: 09/02/21 09:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526810	09/13/21 14:09	MJ	TAL SL
Total/NA	Analysis	9315		1	531341	10/13/21 10:59	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531336	10/12/21 12:14	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Client Sample ID: MW-101
Date Collected: 09/02/21 08:48
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526810	09/13/21 14:09	MJ	TAL SL
Total/NA	Analysis	9315		1	531341	10/13/21 10:59	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531336	10/12/21 12:14	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Client Sample ID: MW-107
Date Collected: 09/02/21 11:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526810	09/13/21 14:09	MJ	TAL SL
Total/NA	Analysis	9315		1	531341	10/13/21 11:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531336	10/12/21 12:14	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Client Sample ID: MW-108
Date Collected: 09/02/21 09:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526810	09/13/21 14:09	MJ	TAL SL
Total/NA	Analysis	9315		1	531341	10/13/21 11:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531336	10/12/21 12:14	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Lab Chronicle

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

Job ID: 400-207993-2
SDG: Background A

Client Sample ID: MW-306
Date Collected: 09/02/21 14:30
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526810	09/13/21 14:09	MJ	TAL SL
Total/NA	Analysis	9315		1	531341	10/13/21 11:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531336	10/12/21 12:15	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Client Sample ID: MW-307
Date Collected: 09/02/21 12:22
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526810	09/13/21 14:09	MJ	TAL SL
Total/NA	Analysis	9315		1	531367	10/13/21 11:05	ANW	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531336	10/12/21 12:15	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Client Sample ID: DUP-01
Date Collected: 09/02/21 08:55
Date Received: 09/03/21 16:04

Lab Sample ID: 400-207993-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526810	09/13/21 14:09	MJ	TAL SL
Total/NA	Analysis	9315		1	531367	10/13/21 11:05	ANW	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531336	10/12/21 12:15	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	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: 526810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	PrecSep-21	
400-207993-2	MW-101	Total/NA	Water	PrecSep-21	
400-207993-3	MW-107	Total/NA	Water	PrecSep-21	
400-207993-4	MW-108	Total/NA	Water	PrecSep-21	
400-207993-5	MW-306	Total/NA	Water	PrecSep-21	
400-207993-6	MW-307	Total/NA	Water	PrecSep-21	
400-207993-7	DUP-01	Total/NA	Water	PrecSep-21	
MB 160-526810/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-526810/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-526810/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 526812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-207993-1	MW-100	Total/NA	Water	PrecSep_0	
400-207993-2	MW-101	Total/NA	Water	PrecSep_0	
400-207993-3	MW-107	Total/NA	Water	PrecSep_0	
400-207993-4	MW-108	Total/NA	Water	PrecSep_0	
400-207993-5	MW-306	Total/NA	Water	PrecSep_0	
400-207993-6	MW-307	Total/NA	Water	PrecSep_0	
400-207993-7	DUP-01	Total/NA	Water	PrecSep_0	
MB 160-526812/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-526812/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-526812/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-526810/23-A
Matrix: Water
Analysis Batch: 531341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526810

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.07573	U	0.218	0.218	1.00	0.394	pCi/L	09/13/21 14:09	10/13/21 13:00	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*40 - 110*	*09/13/21 14:09*	*10/13/21 13:00*	*1*

Lab Sample ID: LCS 160-526810/1-A
Matrix: Water
Analysis Batch: 531341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526810

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	11.13		1.34	1.00	0.306	pCi/L	98	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*88.2*		*40 - 110*

Lab Sample ID: LCSD 160-526810/2-A
Matrix: Water
Analysis Batch: 531341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 526810

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	10.95		1.39	1.00	0.389	pCi/L	97	75 - 125	0.06	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*76.5*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-526812/23-A
Matrix: Water
Analysis Batch: 531122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526812

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5191		0.258	0.263	1.00	0.370	pCi/L	09/13/21 14:46	10/12/21 12:24	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:24*	*1*
Y Carrier	*87.5*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:24*	*1*

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

Lab Sample ID: LCS 160-526812/1-A
Matrix: Water
Analysis Batch: 531336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526812

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			9.25	10.50		1.22	1.00	0.415	pCi/L	114	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*88.2*		*40 - 110*
Y Carrier	*81.1*		*40 - 110*

Lab Sample ID: LCSD 160-526812/2-A
Matrix: Water
Analysis Batch: 531336

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 526812

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			9.25	10.61		1.28	1.00	0.545	pCi/L	115	75 - 125	0.05	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*76.5*		*40 - 110*
Y Carrier	*80.7*		*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: 400-104621-23627.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist Background A	Project #: 40005424			
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:

400-207993 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	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:											
MW-100	9/2/21	0948	G	Water			X	X	X	X	X	X		
MW-101	9/2/21	0848	G	Water										
MW-107	9/2/21	1155	G	Water										
MW-108	9/2/21	0955	G	Water										
MW-306	9/2/21	1430	G	Water										
MW-307	9/2/21	1222	G	Water										
Dup-01	9/2/21	0855	G	Water			X	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
		9/3/21 1604	RDH	Brandon Wantz	9-3-21 1604	
	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: 1.5, 2.8 0.0 IR 188

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-207993-2
SDG Number: Background A

Login Number: 207993
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	0.0, 1.2, 2.8°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: CCR Plant Crist

Job ID: 400-207993-2
SDG: Background A

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
California	Los Angeles County Sanitation Districts	10259	06-30-22
California	State	2886	06-30-21 *
Connecticut	State	PH-0241	03-31-23
Florida	NELAP	E87689	06-30-22
HI - RadChem Recognition	State	n/a	06-30-22
Illinois	NELAP	004553	11-30-21
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-22
Louisiana (DW)	State	LA011	12-31-21
Maryland	State	310	09-30-22
MI - RadChem Recognition	State	9005	06-30-22
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-22
New Jersey	NELAP	MO002	06-30-22
New York	NELAP	11616	04-01-22
North Dakota	State	R-207	06-30-22
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-22
Oregon	NELAP	4157	09-01-22
Pennsylvania	NELAP	68-00540	03-01-22
South Carolina	State	85002001	06-30-22
Texas	NELAP	T104704193	07-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542021-14	08-01-22
Virginia	NELAP	10310	06-14-22
Washington	State	C592	08-30-22
West Virginia DEP	State	381	10-31-22

* 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: 400-208200-1
Laboratory Sample Delivery Group: Downgradient D
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:
9/29/2021 5:26:46 PM

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

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

Job ID: 400-208200-1
SDG: Downgradient D

Job ID: 400-208200-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208200-1

Metals

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-548081 and analytical batch 400-548924 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 following sample was diluted due to the nature of the sample matrix: MW-206 (400-208200-3). Elevated reporting limits (RLs) are provided.

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-546938 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike (MS) recoveries for analytical batch 400-547587 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 F C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 400-547587 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method SM 4500 F C: The method blank for analytical batch 400-547587 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-200 (400-208200-1), MW-201 (400-208200-2), MW-206 (400-208200-3) and DUP-04 (400-208200-6). 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-200 (400-208200-1), MW-201 (400-208200-2), MW-206 (400-208200-3) and DUP-04 (400-208200-6). Elevated reporting limits (RLs) are provided.

Detection Summary

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: MW-200 — Lab Sample ID: 400-208200-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.1		0.050	0.018	mg/L	5		6020	Total Recoverable
Cadmium	0.00060	I V	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	74		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00061	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0033		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	480		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	100		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.049	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	60		10	2.8	mg/L	2		SM 4500 SO4 E	Total/NA
Field pH	5.21				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-201 — Lab Sample ID: 400-208200-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.049		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	3.8		0.050	0.018	mg/L	5		6020	Total Recoverable
Cadmium	0.0013	I V	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	72		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0020	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.00071	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00034	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Lithium	0.0033	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0046		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	550		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	130		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Fluoride	0.36	V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	110		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.63				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-206 — Lab Sample ID: 400-208200-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.039		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	13		1.0	0.36	mg/L	100		6020	Total Recoverable
Cadmium	0.00044	I V	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	200		0.25	0.13	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-206 (Continued) — Lab Sample ID: 400-208200-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0014	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00040	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Selenium	0.0059		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	1700		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	440		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Fluoride	0.048	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	140		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.77				SU	1		Field Sampling	Total/NA

Client Sample ID: EB-02 — Lab Sample ID: 400-208200-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00039	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Boron	0.030	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Chloride	2.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.062	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA

Client Sample ID: FB-02 — Lab Sample ID: 400-208200-5

No Detections.

Client Sample ID: DUP-04 — Lab Sample ID: 400-208200-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.028		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.1		0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	73		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00061	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0030	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0033		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	490		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	100		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.041	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	59		10	2.8	mg/L	2		SM 4500 SO4 E	Total/NA
Field pH	5.21				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: 400-208200-1
SDG: Downgradient D

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: 400-208200-1
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208200-1	MW-200	Water	09/08/21 09:00	09/09/21 15:40
400-208200-2	MW-201	Water	09/08/21 08:22	09/09/21 15:40
400-208200-3	MW-206	Water	09/08/21 10:00	09/09/21 15:40
400-208200-4	EB-02	Water	09/08/21 08:30	09/09/21 15:40
400-208200-5	FB-02	Water	09/08/21 09:05	09/09/21 15:40
400-208200-6	DUP-04	Water	09/08/21 08:00	09/09/21 15:40

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: MW-200
Date Collected: 09/08/21 09:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-1
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		09/20/21 18:00	09/26/21 19:13	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 14:21	5
Barium	**0.026**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:13	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:13	5
Boron	**2.1**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 19:13	5
Cadmium	**0.00060**	**I V**	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:13	5
Calcium	**74**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:13	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:13	5
Cobalt	**0.00061**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:13	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:13	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:13	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:13	5
Selenium	**0.0033**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:13	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:13	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:22	09/10/21 16:12	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**480**		5.0	5.0	mg/L			09/10/21 16:51	1
Chloride	**100**		10	7.0	mg/L			09/20/21 00:26	5
Fluoride	**0.049**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**60**		10	2.8	mg/L			09/20/21 01:01	2

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.21**				SU			09/08/21 09:00	1

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: MW-201

Date Collected: 09/08/21 08:22
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-2

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		09/20/21 18:00	09/26/21 19:18	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/26/21 19:18	5
Barium	**0.049**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:18	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:18	5
Boron	**3.8**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 19:18	5
Cadmium	**0.0013**	**I V**	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:18	5
Calcium	**72**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:18	5
Chromium	**0.0020**	**I**	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:18	5
Cobalt	**0.00071**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:18	5
Lead	**0.00034**	**I**	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:18	5
Lithium	**0.0033**	**I V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:18	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:18	5
Selenium	**0.0046**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:18	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:18	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:22	09/10/21 16:14	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**550**		5.0	5.0	mg/L			09/10/21 16:51	1
Chloride	**130**		20	14	mg/L			09/20/21 00:12	10
Fluoride	**0.36**	**V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**110**		25	7.0	mg/L			09/20/21 00:32	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.63**				SU			09/08/21 08:22	1

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: MW-206
Date Collected: 09/08/21 10:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-3
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		09/20/21 18:00	09/26/21 19:23	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 14:26	5
Barium	**0.039**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:23	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:23	5
Boron	**13**		1.0	0.36	mg/L		09/20/21 18:00	09/29/21 15:50	100
Cadmium	**0.00044**	**I V**	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:23	5
Calcium	**200**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:23	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:23	5
Cobalt	**0.0014**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:23	5
Lead	**0.00040**	**I**	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:23	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:23	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:23	5
Selenium	**0.0059**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:23	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:23	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:22	09/10/21 16:16	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1700**		10	10	mg/L			09/10/21 17:16	1
Chloride	**440**		20	14	mg/L			09/20/21 00:12	10
Fluoride	**0.048**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**140**		25	7.0	mg/L			09/20/21 00:32	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.77**				SU			09/08/21 10:00	1

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: EB-02

Date Collected: 09/08/21 08:30
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-4

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		09/20/21 18:00	09/26/21 19:28	5
Arsenic	**0.00039**	**I**	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 14:31	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:28	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:28	5
Boron	**0.030**	**I**	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 19:28	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:28	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:28	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:28	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:28	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:28	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:28	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:28	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:28	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:28	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:22	09/10/21 16:21	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			09/10/21 17:16	1
Chloride	**2.7**		2.0	1.4	mg/L			09/20/21 00:02	1
Fluoride	**0.062**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/20/21 00:17	1

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: FB-02

Date Collected: 09/08/21 09:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-5

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		09/20/21 18:00	09/26/21 19:33	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 14:36	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:33	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:33	5
Boron	0.018	U	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 19:33	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:33	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:33	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:33	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:33	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:33	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:33	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:33	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:33	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:33	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:22	09/10/21 16:23	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			09/10/21 17:16	1
Chloride	1.4	U	2.0	1.4	mg/L			09/20/21 00:02	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/20/21 00:17	1

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: DUP-04
Date Collected: 09/08/21 08:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-6
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		09/20/21 18:00	09/26/21 19:39	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/26/21 19:39	5
Barium	**0.028**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:39	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:39	5
Boron	**2.1**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 19:39	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:39	5
Calcium	**73**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:39	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:39	5
Cobalt	**0.00061**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:39	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:39	5
Lithium	**0.0030**	**I V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:39	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:39	5
Selenium	**0.0033**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:39	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:39	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:22	09/10/21 16:25	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**490**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**100**		10	7.0	mg/L			09/20/21 00:27	5
Fluoride	**0.041**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**59**		10	2.8	mg/L			09/20/21 00:59	2

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.21**				SU			09/08/21 08:00	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

Lab Chronicle

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: MW-200

Date Collected: 09/08/21 09:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:13	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 14:21	LDC	TAL PEN
Total/NA	Prep	7470A			546743	09/10/21 09:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 16:12	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546931	09/10/21 16:51	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	547953	09/20/21 00:26	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		2	547954	09/20/21 01:01	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 09:00	FS	TAL PEN

Client Sample ID: MW-201

Date Collected: 09/08/21 08:22
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:18	KW	TAL PEN
Total/NA	Prep	7470A			546743	09/10/21 09:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 16:14	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546931	09/10/21 16:51	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	547953	09/20/21 00:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	547954	09/20/21 00:32	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 08:22	FS	TAL PEN

Client Sample ID: MW-206

Date Collected: 09/08/21 10:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:23	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 14:26	LDC	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		100	549371	09/29/21 15:50	LDC	TAL PEN
Total/NA	Prep	7470A			546743	09/10/21 09:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 16:16	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	547953	09/20/21 00:12	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN

Client Sample ID: MW-206

Lab Sample ID: 400-208200-3

Date Collected: 09/08/21 10:00

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		5	547954	09/20/21 00:32	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 10:00	FS	TAL PEN

Client Sample ID: EB-02

Lab Sample ID: 400-208200-4

Date Collected: 09/08/21 08:30

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:28	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 14:31	LDC	TAL PEN
Total/NA	Prep	7470A			546743	09/10/21 09:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 16:21	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:02	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:17	DN1	TAL PEN

Client Sample ID: FB-02

Lab Sample ID: 400-208200-5

Date Collected: 09/08/21 09:05

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:33	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 14:36	LDC	TAL PEN
Total/NA	Prep	7470A			546743	09/10/21 09:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 16:23	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:02	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:17	DN1	TAL PEN

Client Sample ID: DUP-04

Lab Sample ID: 400-208200-6

Date Collected: 09/08/21 08:00

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:39	KW	TAL PEN
Total/NA	Prep	7470A			546743	09/10/21 09:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 16:25	NET	TAL PEN

Lab Chronicle

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

Job ID: 400-208200-1
SDG: Downgradient D

Client Sample ID: DUP-04
Date Collected: 09/08/21 08:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	547953	09/20/21 00:27	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		2	547954	09/20/21 00:59	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 08:00	FS	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 546743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	7470A	
400-208200-2	MW-201	Total/NA	Water	7470A	
400-208200-3	MW-206	Total/NA	Water	7470A	
400-208200-4	EB-02	Total/NA	Water	7470A	
400-208200-5	FB-02	Total/NA	Water	7470A	
400-208200-6	DUP-04	Total/NA	Water	7470A	
MB 400-546743/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-546743/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-208071-A-9-C MS	Matrix Spike	Total/NA	Water	7470A	
400-208071-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 547123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	7470A	546743
400-208200-2	MW-201	Total/NA	Water	7470A	546743
400-208200-3	MW-206	Total/NA	Water	7470A	546743
400-208200-4	EB-02	Total/NA	Water	7470A	546743
400-208200-5	FB-02	Total/NA	Water	7470A	546743
400-208200-6	DUP-04	Total/NA	Water	7470A	546743
MB 400-546743/14-A	Method Blank	Total/NA	Water	7470A	546743
LCS 400-546743/15-A	Lab Control Sample	Total/NA	Water	7470A	546743
400-208071-A-9-C MS	Matrix Spike	Total/NA	Water	7470A	546743
400-208071-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	546743

Prep Batch: 548081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total Recoverable	Water	3005A	
400-208200-2	MW-201	Total Recoverable	Water	3005A	
400-208200-3	MW-206	Total Recoverable	Water	3005A	
400-208200-4	EB-02	Total Recoverable	Water	3005A	
400-208200-5	FB-02	Total Recoverable	Water	3005A	
400-208200-6	DUP-04	Total Recoverable	Water	3005A	
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-548081/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-208202-C-2-C MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-208202-C-2-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 548924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total Recoverable	Water	6020	548081
400-208200-2	MW-201	Total Recoverable	Water	6020	548081
400-208200-3	MW-206	Total Recoverable	Water	6020	548081
400-208200-4	EB-02	Total Recoverable	Water	6020	548081
400-208200-5	FB-02	Total Recoverable	Water	6020	548081
400-208200-6	DUP-04	Total Recoverable	Water	6020	548081
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	6020	548081
LCS 400-548081/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	548081
400-208202-C-2-C MS ^5	Matrix Spike	Total Recoverable	Water	6020	548081
400-208202-C-2-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	548081

Metals

Analysis Batch: 549207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total Recoverable	Water	6020	548081
400-208200-3	MW-206	Total Recoverable	Water	6020	548081
400-208200-4	EB-02	Total Recoverable	Water	6020	548081
400-208200-5	FB-02	Total Recoverable	Water	6020	548081
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	6020	548081

Analysis Batch: 549371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-3	MW-206	Total Recoverable	Water	6020	548081

General Chemistry

Analysis Batch: 546931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	SM 2540C	
400-208200-2	MW-201	Total/NA	Water	SM 2540C	
MB 400-546931/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-546931/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-208164-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 546938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-3	MW-206	Total/NA	Water	SM 2540C	
400-208200-4	EB-02	Total/NA	Water	SM 2540C	
400-208200-5	FB-02	Total/NA	Water	SM 2540C	
400-208200-6	DUP-04	Total/NA	Water	SM 2540C	
MB 400-546938/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-546938/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-208200-3 DU	MW-206	Total/NA	Water	SM 2540C	

Analysis Batch: 547587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	SM 4500 F C	
400-208200-2	MW-201	Total/NA	Water	SM 4500 F C	
400-208200-3	MW-206	Total/NA	Water	SM 4500 F C	
400-208200-4	EB-02	Total/NA	Water	SM 4500 F C	
400-208200-5	FB-02	Total/NA	Water	SM 4500 F C	
400-208200-6	DUP-04	Total/NA	Water	SM 4500 F C	
MB 400-547587/1	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-547587/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-208200-3 MS	MW-206	Total/NA	Water	SM 4500 F C	
400-208200-3 MSD	MW-206	Total/NA	Water	SM 4500 F C	

Analysis Batch: 547953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	SM 4500 Cl- E	
400-208200-2	MW-201	Total/NA	Water	SM 4500 Cl- E	
400-208200-3	MW-206	Total/NA	Water	SM 4500 Cl- E	
400-208200-4	EB-02	Total/NA	Water	SM 4500 Cl- E	
400-208200-5	FB-02	Total/NA	Water	SM 4500 Cl- E	
400-208200-6	DUP-04	Total/NA	Water	SM 4500 Cl- E	

General Chemistry (Continued)

Analysis Batch: 547953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-547953/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-547953/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-547953/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-208202-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-208202-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 547954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	SM 4500 SO4 E	
400-208200-2	MW-201	Total/NA	Water	SM 4500 SO4 E	
400-208200-3	MW-206	Total/NA	Water	SM 4500 SO4 E	
400-208200-4	EB-02	Total/NA	Water	SM 4500 SO4 E	
400-208200-5	FB-02	Total/NA	Water	SM 4500 SO4 E	
400-208200-6	DUP-04	Total/NA	Water	SM 4500 SO4 E	
MB 400-547954/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-547954/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-547954/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-208202-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-208202-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	
400-208203-B-5 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-208203-B-5 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 548712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	Field Sampling	
400-208200-2	MW-201	Total/NA	Water	Field Sampling	
400-208200-3	MW-206	Total/NA	Water	Field Sampling	
400-208200-6	DUP-04	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-548081/1-A ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/20/21 18:00	09/26/21 17:16	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 17:16	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 17:16	5
Boron	0.018	U	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 17:16	5
Cadmium	0.000300	I	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 17:16	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/21 18:00	09/26/21 17:16	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 17:16	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 17:16	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 17:16	5
Lithium	0.00463	I	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 17:16	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 17:16	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 17:16	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 17:16	5

Lab Sample ID: MB 400-548081/1-A ^5
Matrix: Water
Analysis Batch: 549207

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 13:19	5

Lab Sample ID: LCS 400-548081/2-A ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0490		mg/L		98	80 - 120
Arsenic	0.0500	0.0492		mg/L		98	80 - 120
Barium	0.0500	0.0481		mg/L		96	80 - 120
Beryllium	0.0500	0.0498		mg/L		100	80 - 120
Boron	0.100	0.0861		mg/L		86	80 - 120
Cadmium	0.0500	0.0506		mg/L		101	80 - 120
Calcium	5.00	4.92		mg/L		98	80 - 120
Chromium	0.0500	0.0503		mg/L		101	80 - 120
Cobalt	0.0500	0.0503		mg/L		101	80 - 120
Lead	0.0500	0.0502		mg/L		100	80 - 120
Lithium	0.0500	0.0570		mg/L		114	80 - 120
Molybdenum	0.0500	0.0506		mg/L		101	80 - 120
Selenium	0.0500	0.0506		mg/L		101	80 - 120
Thallium	0.0100	0.00970		mg/L		97	80 - 120

Lab Sample ID: 400-208202-C-2-C MS ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0445		mg/L		89	75 - 125
Arsenic	0.00039	U	0.0500	0.0472		mg/L		94	75 - 125
Barium	0.017		0.0500	0.0594		mg/L		85	75 - 125

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

Lab Sample ID: 400-208202-C-2-C MS ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.00017	U	0.0500	0.0455		mg/L		91	75 - 125
Boron	0.44		0.100	0.540		mg/L		97	75 - 125
Cadmium	0.00028	U	0.0500	0.0467		mg/L		93	75 - 125
Calcium	32		5.00	35.3	J3	mg/L		66	75 - 125
Chromium	0.0014	I	0.0500	0.0465		mg/L		90	75 - 125
Cobalt	0.00056	U	0.0500	0.0457		mg/L		91	75 - 125
Lead	0.00029	U	0.0500	0.0461		mg/L		92	75 - 125
Lithium	0.0049	I V	0.0500	0.0477		mg/L		86	75 - 125
Molybdenum	0.0045	U	0.0500	0.0469		mg/L		94	75 - 125
Selenium	0.0017		0.0500	0.0475		mg/L		92	75 - 125
Thallium	0.00012	U	0.0100	0.00902		mg/L		90	75 - 125

Lab Sample ID: 400-208202-C-2-D MSD ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 548081

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	0.0460		mg/L		92	75 - 125	3	20
Arsenic	0.00039	U	0.0500	0.0456		mg/L		91	75 - 125	3	20
Barium	0.017		0.0500	0.0605		mg/L		87	75 - 125	2	20
Beryllium	0.00017	U	0.0500	0.0458		mg/L		92	75 - 125	1	20
Boron	0.44		0.100	0.541		mg/L		99	75 - 125	0	20
Cadmium	0.00028	U	0.0500	0.0480		mg/L		96	75 - 125	3	20
Calcium	32		5.00	36.1		mg/L		82	75 - 125	2	20
Chromium	0.0014	I	0.0500	0.0459		mg/L		89	75 - 125	1	20
Cobalt	0.00056	U	0.0500	0.0464		mg/L		93	75 - 125	1	20
Lead	0.00029	U	0.0500	0.0467		mg/L		93	75 - 125	1	20
Lithium	0.0049	I V	0.0500	0.0479		mg/L		86	75 - 125	0	20
Molybdenum	0.0045	U	0.0500	0.0465		mg/L		93	75 - 125	1	20
Selenium	0.0017		0.0500	0.0475		mg/L		92	75 - 125	0	20
Thallium	0.00012	U	0.0100	0.00911		mg/L		91	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-546743/14-A
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 546743

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:22	09/10/21 15:38	1

Lab Sample ID: LCS 400-546743/15-A
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 546743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000923		mg/L		92	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-208071-A-9-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547123 — **Prep Batch: 546743**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00015	U	0.00201	0.00186		mg/L		93	80 - 120

Lab Sample ID: 400-208071-A-9-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547123 — **Prep Batch: 546743**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00015	U	0.00201	0.00185		mg/L		92	80 - 120	1	20

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

Lab Sample ID: MB 400-546931/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546931

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			09/10/21 16:51	1

Lab Sample ID: LCS 400-546931/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L		88	78 - 122

Lab Sample ID: 400-208164-D-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546931

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	5.0	U	5.0	U	mg/L		NC	5

Lab Sample ID: MB 400-546938/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546938

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			09/10/21 17:16	1

Lab Sample ID: LCS 400-546938/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	302		mg/L		103	78 - 122

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

Lab Sample ID: 400-208200-3 DU — **Client Sample ID: MW-206**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546938

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1700		1840	J3	mg/L		9	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-547953/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547953

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			09/20/21 00:02	1

Lab Sample ID: LCS 400-547953/7 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.0	29.2		mg/L		97	90 - 110

Lab Sample ID: MRL 400-547953/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547953

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	2.34		mg/L		117	50 - 150

Lab Sample ID: 400-208202-B-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547953

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12		10.0	21.9		mg/L		98	73 - 120

Lab Sample ID: 400-208202-B-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547953

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12		10.0	22.0		mg/L		99	73 - 120	0	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-547587/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547587

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0440	I	0.10	0.032	mg/L			09/16/21 08:18	1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 400-547587/4
Matrix: Water
Analysis Batch: 547587

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	5.24		mg/L		105	90 - 110		

Lab Sample ID: 400-208200-3 MS
Matrix: Water
Analysis Batch: 547587

Client Sample ID: MW-206
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	0.048	I V	1.00	1.07		mg/L		102	75 - 125		

Lab Sample ID: 400-208200-3 MSD
Matrix: Water
Analysis Batch: 547587

Client Sample ID: MW-206
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.048	I V	1.00	1.11		mg/L		106	75 - 125	4	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-547954/6
Matrix: Water
Analysis Batch: 547954

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			09/20/21 00:17	1

Lab Sample ID: LCS 400-547954/7
Matrix: Water
Analysis Batch: 547954

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		95	90 - 110		

Lab Sample ID: MRL 400-547954/3
Matrix: Water
Analysis Batch: 547954

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	4.31	I	mg/L		86	50 - 150		

Lab Sample ID: 400-208202-B-1 MS
Matrix: Water
Analysis Batch: 547954

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	9.1		10.0	18.2		mg/L		91	77 - 128		

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 400-208202-B-1 MSD
Matrix: Water
Analysis Batch: 547954

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	9.1		10.0	18.4		mg/L		93	77 - 128	1	5

Lab Sample ID: 400-208203-B-5 MS
Matrix: Water
Analysis Batch: 547954

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	4.7	I	10.0	15.6		mg/L		109	77 - 128

Lab Sample ID: 400-208203-B-5 MSD
Matrix: Water
Analysis Batch: 547954

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	4.7	I	10.0	15.4		mg/L		107	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 E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-104624-23630.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
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:											
MW-200	9/8/21	0900	G	Water			X	X	X	X	X	X		
MW-201		0822		Water										
MW-206		1000		Water										
EB-02		0830		Water										
FB-02		0905		W										
DUP-04	9/8/21	0800	G	W			X	X	X	X	X	X		

400-208200 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: 9/9/21 1540	Company RDH	Received by:	Date/Time: 9.9.21 1540	Company ETA		
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: 5.7, 3.7, 5.1, 6.0°C (R9.

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208200-1
SDG Number: Downgradient D

Login Number: 208200
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	5.7, 3.7, 5.1, 6.0°C IR9
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: 400-208200-1
SDG: Downgradient D

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	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	09-30-21

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-208200-2
Laboratory Sample Delivery Group: Downgradient D
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:
10/21/2021 12:12:38 PM

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

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Job ID: 400-208200-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208200-2

RAD

Method 9315: Radium 226 prep batch 160-526914. 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-200 (400-208200-1), MW-201 (400-208200-2), MW-206 (400-208200-3), EB-02 (400-208200-4), FB-02 (400-208200-5), DUP-04 (400-208200-6), (LCS 160-526914/1-A), (LCSD 160-526914/2-A) and (MB 160-526914/23-A)

Method 9320: Radium 228 prep batch 526924. 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-200 (400-208200-1), MW-201 (400-208200-2), MW-206 (400-208200-3), EB-02 (400-208200-4), FB-02 (400-208200-5), DUP-04 (400-208200-6), (LCS 160-526924/1-A), (LCSD 160-526924/2-A) and (MB 160-526924/23-A)

Method PrecSep_0: Ra-228 Batch 160-526924. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-200 (400-208200-1), MW-201 (400-208200-2), MW-206 (400-208200-3), EB-02 (400-208200-4), FB-02 (400-208200-5) and DUP-04 (400-208200-6). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Ra-226 Batch 160-526914. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-200 (400-208200-1), MW-201 (400-208200-2), MW-206 (400-208200-3), EB-02 (400-208200-4), FB-02 (400-208200-5) and DUP-04 (400-208200-6). 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: 400-208200-2
SDG: Downgradient D

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

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

Job ID: 400-208200-2
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208200-1	MW-200	Water	09/08/21 09:00	09/09/21 15:40
400-208200-2	MW-201	Water	09/08/21 08:22	09/09/21 15:40
400-208200-3	MW-206	Water	09/08/21 10:00	09/09/21 15:40
400-208200-4	EB-02	Water	09/08/21 08:30	09/09/21 15:40
400-208200-5	FB-02	Water	09/08/21 09:05	09/09/21 15:40
400-208200-6	DUP-04	Water	09/08/21 08:00	09/09/21 15:40

Client Sample ID: MW-200

Date Collected: 09/08/21 09:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-1

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	1.71		0.283	0.322	1.00	0.175	pCi/L	09/14/21 09:49	10/18/21 20:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.82		0.460	0.528	1.00	0.485	pCi/L	09/14/21 11:19	10/15/21 12:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:20*	*1*
Y Carrier	*79.3*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:20*	*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	4.54		0.540	0.618	5.00	0.485	pCi/L		10/20/21 19:10	1

Client Sample ID: MW-201

Date Collected: 09/08/21 08:22
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-2

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	2.49		0.339	0.407	1.00	0.195	pCi/L	09/14/21 09:49	10/18/21 20:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.93		0.585	0.800	1.00	0.413	pCi/L	09/14/21 11:19	10/15/21 12:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:21*	*1*
Y Carrier	*77.4*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:21*	*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	8.42		0.676	0.898	5.00	0.413	pCi/L		10/20/21 19:10	1

Client Sample ID: MW-206

Date Collected: 09/08/21 10:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-3

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	2.74		0.373	0.447	1.00	0.202	pCi/L	09/14/21 09:49	10/18/21 20:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.51		0.510	0.604	1.00	0.458	pCi/L	09/14/21 11:19	10/15/21 12:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:21*	*1*
Y Carrier	*79.3*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:21*	*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	6.25		0.632	0.751	5.00	0.458	pCi/L		10/20/21 19:10	1

Client Sample ID: EB-02

Date Collected: 09/08/21 08:30
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-4

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	0.0451	U	0.107	0.107	1.00	0.193	pCi/L	09/14/21 09:49	10/18/21 20:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.25**		0.363	0.381	1.00	0.478	pCi/L	09/14/21 11:19	10/15/21 12:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:21*	*1*
Y Carrier	*81.9*		*40 - 110*	*09/14/21 11:19*	*10/15/21 12:21*	*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	**1.30**		0.378	0.396	5.00	0.478	pCi/L		10/20/21 19:10	1

Client Sample ID: FB-02

Date Collected: 09/08/21 09:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-5

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	0.0236	U	0.124	0.124	1.00	0.231	pCi/L	09/14/21 09:49	10/18/21 20:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.0*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.327	U	0.314	0.316	1.00	0.508	pCi/L	09/14/21 11:19	10/15/21 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.0*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*1*
Y Carrier	*84.9*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*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	0.350	U	0.338	0.339	5.00	0.508	pCi/L		10/20/21 19:10	1

Client Sample ID: DUP-04

Date Collected: 09/08/21 08:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-6

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	1.80		0.307	0.347	1.00	0.213	pCi/L	09/14/21 09:49	10/18/21 20:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.7*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.29		0.415	0.431	1.00	0.538	pCi/L	09/14/21 11:19	10/15/21 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.7*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*1*
Y Carrier	*81.9*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*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	3.09		0.516	0.553	5.00	0.538	pCi/L		10/20/21 19:10	1

Definitions/Glossary

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

Job ID: 400-208200-2
SDG: Downgradient D

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: 400-208200-2
SDG: Downgradient D

Client Sample ID: MW-200
Date Collected: 09/08/21 09:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:32	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 12:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532955	10/20/21 19:10	CAH	TAL SL

Client Sample ID: MW-201
Date Collected: 09/08/21 08:22
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:32	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 12:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532955	10/20/21 19:10	CAH	TAL SL

Client Sample ID: MW-206
Date Collected: 09/08/21 10:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:32	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 12:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532955	10/20/21 19:10	CAH	TAL SL

Client Sample ID: EB-02
Date Collected: 09/08/21 08:30
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:32	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 12:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532955	10/20/21 19:10	CAH	TAL SL

Lab Chronicle

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

Job ID: 400-208200-2
SDG: Downgradient D

Client Sample ID: FB-02

Date Collected: 09/08/21 09:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:32	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 14:24	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532955	10/20/21 19:10	CAH	TAL SL

Client Sample ID: DUP-04

Date Collected: 09/08/21 08:00
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208200-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:32	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 14:24	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532955	10/20/21 19:10	CAH	TAL SL

Laboratory References:

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

QC Association Summary

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

Job ID: 400-208200-2
SDG: Downgradient D

Rad

Prep Batch: 526914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	PrecSep-21	
400-208200-2	MW-201	Total/NA	Water	PrecSep-21	
400-208200-3	MW-206	Total/NA	Water	PrecSep-21	
400-208200-4	EB-02	Total/NA	Water	PrecSep-21	
400-208200-5	FB-02	Total/NA	Water	PrecSep-21	
400-208200-6	DUP-04	Total/NA	Water	PrecSep-21	
MB 160-526914/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-526914/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-526914/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 526924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208200-1	MW-200	Total/NA	Water	PrecSep_0	
400-208200-2	MW-201	Total/NA	Water	PrecSep_0	
400-208200-3	MW-206	Total/NA	Water	PrecSep_0	
400-208200-4	EB-02	Total/NA	Water	PrecSep_0	
400-208200-5	FB-02	Total/NA	Water	PrecSep_0	
400-208200-6	DUP-04	Total/NA	Water	PrecSep_0	
MB 160-526924/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-526924/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-526924/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-526914/23-A
Matrix: Water
Analysis Batch: 532483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526914

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02456	U	0.0958	0.0958	1.00	0.184	pCi/L	09/14/21 09:49	10/18/21 20:33	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.2*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:33*	*1*

Lab Sample ID: LCS 160-526914/1-A
Matrix: Water
Analysis Batch: 532486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526914

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	11.87		1.34	1.00	0.262	pCi/L	105	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*69.3*		*40 - 110*

Lab Sample ID: LCSD 160-526914/2-A
Matrix: Water
Analysis Batch: 532486

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 526914

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	11.60		1.34	1.00	0.257	pCi/L	102	75 - 125	0.10	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*60.6*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-526924/23-A
Matrix: Water
Analysis Batch: 531971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526924

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2034	U	0.334	0.335	1.00	0.633	pCi/L	09/14/21 11:19	10/15/21 14:20	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.2*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:20*	*1*
Y Carrier	*87.5*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:20*	*1*

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

Lab Sample ID: LCS 160-526924/1-A
Matrix: Water
Analysis Batch: 531999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526924

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			9.24	9.821		1.24	1.00	0.583	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*69.3*		*40 - 110*
Y Carrier	*81.5*		*40 - 110*

Lab Sample ID: LCSD 160-526924/2-A
Matrix: Water
Analysis Batch: 531999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 526924

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			9.24	11.23		1.42	1.00	0.635	pCi/L	122	75 - 125	0.53	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*60.6*		*40 - 110*
Y Carrier	*78.5*		*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 E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-104624-23630.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
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:											
MW-200	9/8/21	0900	G	Water			X	X	X	X	X	X		
MW-201		0822		Water										
MW-206		1000		Water										
EB-02		0830		Water										
FB-02		0905		W										
DUP-04	9/8/21	0800	G	W			X	X	X	X	X	X		

400-208200 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: 9/9/21 1540	Company RDH	Received by:		Date/Time: 9-9-21 1540	Company ETA
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: 5.7, 3.7, 5.1, 6.0°C (R9.

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208200-2
SDG Number: Downgradient D

Login Number: 208200
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	5.7, 3.7, 5.1, 6.0°C IR9
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: 400-208200-2
SDG: Downgradient D

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
California	Los Angeles County Sanitation Districts	10259	06-30-22
California	State	2886	06-30-21 *
Connecticut	State	PH-0241	03-31-23
Florida	NELAP	E87689	06-30-22
HI - RadChem Recognition	State	n/a	06-30-22
Illinois	NELAP	004553	11-30-21
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-22
Louisiana (DW)	State	LA011	12-31-21
Maryland	State	310	09-30-22
MI - RadChem Recognition	State	9005	06-30-22
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-22
New Jersey	NELAP	MO002	06-30-22
New York	NELAP	11616	04-01-22
North Dakota	State	R-207	06-30-22
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-22
Oregon	NELAP	4157	09-01-22
Pennsylvania	NELAP	68-00540	03-01-22
South Carolina	State	85002001	06-30-22
Texas	NELAP	T104704193	07-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542021-14	08-01-22
Virginia	NELAP	10310	06-14-22
Washington	State	C592	08-30-22
West Virginia DEP	State	381	10-31-22

* 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: 400-208202-1
Laboratory Sample Delivery Group: Upgradient E
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:
9/29/2021 5:38:48 PM

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

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Job ID: 400-208202-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208202-1

Metals

Method 6020: The matrix spike and/or matrix spike duplicate (MS/MSD) for the following sample associated with preparation batch 400-548081 and analytical batch 400-548924 recovered outside acceptance limits (high biased) for Calcium. A post digestion spike (PDS) was performed with acceptable recoveries obtained. The results have been reported.

Method 6020: The method blank for preparation batch 400-548081 and analytical batch 400-548924 contained Lithium 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 following sample was diluted because the initial analysis produced a significant negative result - the absolute value exceeded the reporting limit (RL): MW-203 (400-208202-2). Reporting limits (RLs) are elevated as a result.

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-546938 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike (MS) recoveries for analytical batch 400-547587 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 F C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 400-547587 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method SM 4500 F C: The method blank for analytical batch 400-547587 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: MW-204 (400-208202-3). 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-203 (400-208202-2) and MW-204 (400-208202-3). Elevated reporting limits (RLs) are provided.

Detection Summary

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: MW-202 — Lab Sample ID: 400-208202-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.067		0.050	0.018	mg/L	5		6020	Total Recoverable
Cadmium	0.00036	I V	0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	4.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0013	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.00059	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0036	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0011	I	0.0013	0.00082	mg/L	5		6020	Total Recoverable
Mercury	0.00024		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	66		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	12		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.041	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	9.1		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.70				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-203 — Lab Sample ID: 400-208202-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.44		0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	32		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0014	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
Selenium	0.0017		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	190		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	14		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.038	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	61		10	2.8	mg/L	2		SM 4500 SO4 E	Total/NA
Field pH	5.30				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-204 — Lab Sample ID: 400-208202-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.021		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	4.0		0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	51		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0089		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.0013		0.0013	0.00029	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Client Sample ID: MW-204 (Continued) — Lab Sample ID: 400-208202-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0038		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	720		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	93		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.22	V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	250		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	4.29				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-205 — Lab Sample ID: 400-208202-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.048		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.26		0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00092	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.00085	I	0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	170		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	18		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.057	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	35		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.78				SU	1		Field Sampling	Total/NA

Client Sample ID: FB-03 — Lab Sample ID: 400-208202-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0030	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable

Client Sample ID: EB-03 — Lab Sample ID: 400-208202-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0019	I V	0.0050	0.0019	mg/L	5		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: 400-208202-1
SDG: Upgradient E

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: 400-208202-1
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208202-1	MW-202	Water	09/08/21 09:31	09/09/21 15:40
400-208202-2	MW-203	Water	09/08/21 10:28	09/09/21 15:40
400-208202-3	MW-204	Water	09/08/21 11:30	09/09/21 15:40
400-208202-4	MW-205	Water	09/08/21 12:50	09/09/21 15:40
400-208202-5	FB-03	Water	09/08/21 11:35	09/09/21 15:40
400-208202-6	EB-03	Water	09/08/21 12:05	09/09/21 15:40

Client Sample Results

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: MW-202

Date Collected: 09/08/21 09:31
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-1

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		09/20/21 18:00	09/26/21 17:26	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/26/21 17:26	5
Barium	**0.017**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 17:26	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 17:26	5
Boron	**0.067**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 17:26	5
Cadmium	**0.00036**	**I V**	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 17:26	5
Calcium	**4.4**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 17:26	5
Chromium	**0.0013**	**I**	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 17:26	5
Cobalt	**0.00059**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 17:26	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 17:26	5
Lithium	**0.0036**	**I V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 17:26	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 17:26	5
Selenium	**0.0011**	**I**	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 17:26	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 17:26	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00024**		0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 14:44	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**66**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**12**		2.0	1.4	mg/L			09/20/21 00:04	1
Fluoride	**0.041**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**9.1**		5.0	1.4	mg/L			09/20/21 00:23	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.70**				SU			09/08/21 09:31	1

Client Sample Results

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: MW-203

Date Collected: 09/08/21 10:28
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-2

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		09/20/21 18:00	09/26/21 17:31	5
Arsenic	0.00078	U	0.0025	0.00078	mg/L		09/20/21 18:00	09/28/21 19:28	10
Barium	**0.017**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 17:31	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 17:31	5
Boron	**0.44**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 17:31	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 17:31	5
Calcium	**32**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 17:31	5
Chromium	**0.0014**	**I**	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 17:31	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 17:31	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 17:31	5
Lithium	**0.0049**	**I V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 17:31	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 17:31	5
Selenium	**0.0017**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 17:31	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 17:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 14:55	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**190**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**14**		2.0	1.4	mg/L			09/20/21 00:04	1
Fluoride	**0.038**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**61**		10	2.8	mg/L			09/20/21 00:59	2

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.30**				SU			09/08/21 10:28	1

Client Sample Results

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: MW-204

Date Collected: 09/08/21 11:30
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-3

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		09/20/21 18:00	09/26/21 18:07	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/26/21 18:07	5
Barium	**0.021**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:07	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:07	5
Boron	**4.0**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:07	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:07	5
Calcium	**51**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:07	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:07	5
Cobalt	**0.0089**		0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:07	5
Lead	**0.0013**		0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:07	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:07	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:07	5
Selenium	**0.0038**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:07	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:07	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 14:57	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**720**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**93**		10	7.0	mg/L			09/20/21 00:27	5
Fluoride	**0.22**	**V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**250**		50	14	mg/L			09/20/21 01:38	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.29**				SU			09/08/21 11:30	1

Client Sample Results

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: MW-205

Date Collected: 09/08/21 12:50
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-4

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		09/20/21 18:00	09/26/21 18:12	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 13:30	5
Barium	**0.048**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:12	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:12	5
Boron	**0.26**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:12	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:12	5
Calcium	**11**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:12	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:12	5
Cobalt	**0.00092**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:12	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:12	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:12	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:12	5
Selenium	**0.00085**	**I**	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:12	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:12	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 14:59	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**170**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**18**		2.0	1.4	mg/L			09/20/21 00:04	1
Fluoride	**0.057**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**35**		5.0	1.4	mg/L			09/20/21 00:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.78**				SU			09/08/21 12:50	1

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: FB-03

Date Collected: 09/08/21 11:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-5

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		09/20/21 18:00	09/26/21 18:17	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 13:35	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:17	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:17	5
Boron	0.018	U	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:17	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:17	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:17	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:17	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:17	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:17	5
Lithium	**0.0030**	**I V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:17	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:17	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:17	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:17	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:01	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			09/10/21 17:16	1
Chloride	1.4	U	2.0	1.4	mg/L			09/20/21 00:04	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/20/21 00:24	1

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: EB-03

Date Collected: 09/08/21 12:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-6

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		09/20/21 18:00	09/26/21 18:22	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 13:40	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:22	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:22	5
Boron	0.018	U	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:22	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:22	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:22	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:22	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:22	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:22	5
Lithium	**0.0019**	**I V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:22	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:22	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:22	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:22	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:03	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			09/10/21 17:16	1
Chloride	1.4	U	2.0	1.4	mg/L			09/20/21 00:04	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/20/21 00:24	1

Definitions/Glossary

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

Job ID: 400-208202-1
SDG: Upgradient E

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

Lab Chronicle

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

Job ID: 400-208202-1
SDG: Upgradient E

Client Sample ID: MW-202
Date Collected: 09/08/21 09:31
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 17:26	KW	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 14:44	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:23	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 09:31	FS	TAL PEN

Client Sample ID: MW-203
Date Collected: 09/08/21 10:28
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 17:31	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		10	549246	09/28/21 19:28	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 14:55	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		2	547954	09/20/21 00:59	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 10:28	FS	TAL PEN

Client Sample ID: MW-204
Date Collected: 09/08/21 11:30
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:07	KW	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 14:57	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	547953	09/20/21 00:27	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	547954	09/20/21 01:38	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 11:30	FS	TAL PEN

Client Sample ID: MW-205
Date Collected: 09/08/21 12:50
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:12	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 13:30	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 14:59	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:24	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 12:50	FS	TAL PEN

Client Sample ID: FB-03
Date Collected: 09/08/21 11:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:17	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 13:35	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:01	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:24	DN1	TAL PEN

Client Sample ID: EB-03
Date Collected: 09/08/21 12:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:22	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 13:40	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:03	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:04	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:24	DN1	TAL PEN

Lab Chronicle

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

Job ID: 400-208202-1
SDG: Upgradient E

Laboratory References:

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

Metals

Prep Batch: 546828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	7470A	
400-208202-2	MW-203	Total/NA	Water	7470A	
400-208202-3	MW-204	Total/NA	Water	7470A	
400-208202-4	MW-205	Total/NA	Water	7470A	
400-208202-5	FB-03	Total/NA	Water	7470A	
400-208202-6	EB-03	Total/NA	Water	7470A	
MB 400-546828/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-546828/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-208202-1 MS	MW-202	Total/NA	Water	7470A	
400-208202-1 MSD	MW-202	Total/NA	Water	7470A	

Analysis Batch: 547123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	7470A	546828
400-208202-2	MW-203	Total/NA	Water	7470A	546828
400-208202-3	MW-204	Total/NA	Water	7470A	546828
400-208202-4	MW-205	Total/NA	Water	7470A	546828
400-208202-5	FB-03	Total/NA	Water	7470A	546828
400-208202-6	EB-03	Total/NA	Water	7470A	546828
MB 400-546828/14-A	Method Blank	Total/NA	Water	7470A	546828
LCS 400-546828/15-A	Lab Control Sample	Total/NA	Water	7470A	546828
400-208202-1 MS	MW-202	Total/NA	Water	7470A	546828
400-208202-1 MSD	MW-202	Total/NA	Water	7470A	546828

Prep Batch: 548081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total Recoverable	Water	3005A	
400-208202-2	MW-203	Total Recoverable	Water	3005A	
400-208202-3	MW-204	Total Recoverable	Water	3005A	
400-208202-4	MW-205	Total Recoverable	Water	3005A	
400-208202-5	FB-03	Total Recoverable	Water	3005A	
400-208202-6	EB-03	Total Recoverable	Water	3005A	
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-548081/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-208202-2 MS	MW-203	Total Recoverable	Water	3005A	
400-208202-2 MSD	MW-203	Total Recoverable	Water	3005A	

Analysis Batch: 548924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total Recoverable	Water	6020	548081
400-208202-2	MW-203	Total Recoverable	Water	6020	548081
400-208202-3	MW-204	Total Recoverable	Water	6020	548081
400-208202-4	MW-205	Total Recoverable	Water	6020	548081
400-208202-5	FB-03	Total Recoverable	Water	6020	548081
400-208202-6	EB-03	Total Recoverable	Water	6020	548081
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	6020	548081
LCS 400-548081/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	548081
400-208202-2 MS	MW-203	Total Recoverable	Water	6020	548081
400-208202-2 MSD	MW-203	Total Recoverable	Water	6020	548081

Metals

Analysis Batch: 549207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-4	MW-205	Total Recoverable	Water	6020	548081
400-208202-5	FB-03	Total Recoverable	Water	6020	548081
400-208202-6	EB-03	Total Recoverable	Water	6020	548081
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	6020	548081

Analysis Batch: 549246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-2	MW-203	Total Recoverable	Water	6020	548081

General Chemistry

Analysis Batch: 546938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	SM 2540C	
400-208202-2	MW-203	Total/NA	Water	SM 2540C	
400-208202-3	MW-204	Total/NA	Water	SM 2540C	
400-208202-4	MW-205	Total/NA	Water	SM 2540C	
400-208202-5	FB-03	Total/NA	Water	SM 2540C	
400-208202-6	EB-03	Total/NA	Water	SM 2540C	
MB 400-546938/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-546938/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-208200-B-3 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 547587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	SM 4500 F C	
400-208202-2	MW-203	Total/NA	Water	SM 4500 F C	
400-208202-3	MW-204	Total/NA	Water	SM 4500 F C	
400-208202-4	MW-205	Total/NA	Water	SM 4500 F C	
400-208202-5	FB-03	Total/NA	Water	SM 4500 F C	
400-208202-6	EB-03	Total/NA	Water	SM 4500 F C	
MB 400-547587/1	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-547587/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
660-113564-B-3 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
660-113564-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 547953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	SM 4500 Cl- E	
400-208202-2	MW-203	Total/NA	Water	SM 4500 Cl- E	
400-208202-3	MW-204	Total/NA	Water	SM 4500 Cl- E	
400-208202-4	MW-205	Total/NA	Water	SM 4500 Cl- E	
400-208202-5	FB-03	Total/NA	Water	SM 4500 Cl- E	
400-208202-6	EB-03	Total/NA	Water	SM 4500 Cl- E	
MB 400-547953/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-547953/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-547953/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-208202-1 MS	MW-202	Total/NA	Water	SM 4500 Cl- E	
400-208202-1 MSD	MW-202	Total/NA	Water	SM 4500 Cl- E	

QC Association Summary

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

Job ID: 400-208202-1
SDG: Upgradient E

General Chemistry

Analysis Batch: 547954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	SM 4500 SO4 E	
400-208202-2	MW-203	Total/NA	Water	SM 4500 SO4 E	
400-208202-3	MW-204	Total/NA	Water	SM 4500 SO4 E	
400-208202-4	MW-205	Total/NA	Water	SM 4500 SO4 E	
400-208202-5	FB-03	Total/NA	Water	SM 4500 SO4 E	
400-208202-6	EB-03	Total/NA	Water	SM 4500 SO4 E	
MB 400-547954/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-547954/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-547954/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-208202-1 MS	MW-202	Total/NA	Water	SM 4500 SO4 E	
400-208202-1 MSD	MW-202	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 548712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	Field Sampling	
400-208202-2	MW-203	Total/NA	Water	Field Sampling	
400-208202-3	MW-204	Total/NA	Water	Field Sampling	
400-208202-4	MW-205	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-548081/1-A ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/20/21 18:00	09/26/21 17:16	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 17:16	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 17:16	5
Boron	0.018	U	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 17:16	5
Cadmium	0.000300	I	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 17:16	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/21 18:00	09/26/21 17:16	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 17:16	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 17:16	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 17:16	5
Lithium	0.00463	I	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 17:16	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 17:16	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 17:16	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 17:16	5

Lab Sample ID: MB 400-548081/1-A ^5
Matrix: Water
Analysis Batch: 549207

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 13:19	5

Lab Sample ID: LCS 400-548081/2-A ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0490		mg/L		98	80 - 120
Arsenic	0.0500	0.0492		mg/L		98	80 - 120
Barium	0.0500	0.0481		mg/L		96	80 - 120
Beryllium	0.0500	0.0498		mg/L		100	80 - 120
Boron	0.100	0.0861		mg/L		86	80 - 120
Cadmium	0.0500	0.0506		mg/L		101	80 - 120
Calcium	5.00	4.92		mg/L		98	80 - 120
Chromium	0.0500	0.0503		mg/L		101	80 - 120
Cobalt	0.0500	0.0503		mg/L		101	80 - 120
Lead	0.0500	0.0502		mg/L		100	80 - 120
Lithium	0.0500	0.0570		mg/L		114	80 - 120
Molybdenum	0.0500	0.0506		mg/L		101	80 - 120
Selenium	0.0500	0.0506		mg/L		101	80 - 120
Thallium	0.0100	0.00970		mg/L		97	80 - 120

Lab Sample ID: 400-208202-2 MS
Matrix: Water
Analysis Batch: 548924

Client Sample ID: MW-203
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0445		mg/L		89	75 - 125
Arsenic	0.00039	U	0.0500	0.0472		mg/L		94	75 - 125
Barium	0.017		0.0500	0.0594		mg/L		85	75 - 125

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

Lab Sample ID: 400-208202-2 MS
Matrix: Water
Analysis Batch: 548924

Client Sample ID: MW-203
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.00017	U	0.0500	0.0455		mg/L		91	75 - 125
Boron	0.44		0.100	0.540		mg/L		97	75 - 125
Cadmium	0.00028	U	0.0500	0.0467		mg/L		93	75 - 125
Calcium	32		5.00	35.3	J3	mg/L		66	75 - 125
Chromium	0.0014	I	0.0500	0.0465		mg/L		90	75 - 125
Cobalt	0.00056	U	0.0500	0.0457		mg/L		91	75 - 125
Lead	0.00029	U	0.0500	0.0461		mg/L		92	75 - 125
Lithium	0.0049	I V	0.0500	0.0477		mg/L		86	75 - 125
Molybdenum	0.0045	U	0.0500	0.0469		mg/L		94	75 - 125
Selenium	0.0017		0.0500	0.0475		mg/L		92	75 - 125
Thallium	0.00012	U	0.0100	0.00902		mg/L		90	75 - 125

Lab Sample ID: 400-208202-2 MSD
Matrix: Water
Analysis Batch: 548924

Client Sample ID: MW-203
Prep Type: Total Recoverable
Prep Batch: 548081

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	0.0460		mg/L		92	75 - 125	3	20
Arsenic	0.00039	U	0.0500	0.0456		mg/L		91	75 - 125	3	20
Barium	0.017		0.0500	0.0605		mg/L		87	75 - 125	2	20
Beryllium	0.00017	U	0.0500	0.0458		mg/L		92	75 - 125	1	20
Boron	0.44		0.100	0.541		mg/L		99	75 - 125	0	20
Cadmium	0.00028	U	0.0500	0.0480		mg/L		96	75 - 125	3	20
Calcium	32		5.00	36.1		mg/L		82	75 - 125	2	20
Chromium	0.0014	I	0.0500	0.0459		mg/L		89	75 - 125	1	20
Cobalt	0.00056	U	0.0500	0.0464		mg/L		93	75 - 125	1	20
Lead	0.00029	U	0.0500	0.0467		mg/L		93	75 - 125	1	20
Lithium	0.0049	I V	0.0500	0.0479		mg/L		86	75 - 125	0	20
Molybdenum	0.0045	U	0.0500	0.0465		mg/L		93	75 - 125	1	20
Selenium	0.0017		0.0500	0.0475		mg/L		92	75 - 125	0	20
Thallium	0.00012	U	0.0100	0.00911		mg/L		91	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-546828/14-A
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 546828

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 14:40	1

Lab Sample ID: LCS 400-546828/15-A
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 546828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000964		mg/L		96	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-208202-1 MS
Matrix: Water
Analysis Batch: 547123

Client Sample ID: MW-202
Prep Type: Total/NA
Prep Batch: 546828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00024		0.00201	0.00212		mg/L		93	80 - 120

Lab Sample ID: 400-208202-1 MSD
Matrix: Water
Analysis Batch: 547123

Client Sample ID: MW-202
Prep Type: Total/NA
Prep Batch: 546828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00024		0.00201	0.00214		mg/L		94	80 - 120	1	20

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

Lab Sample ID: MB 400-546938/1
Matrix: Water
Analysis Batch: 546938

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			09/10/21 17:16	1

Lab Sample ID: LCS 400-546938/2
Matrix: Water
Analysis Batch: 546938

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	302		mg/L		103	78 - 122

Lab Sample ID: 400-208200-B-3 DU
Matrix: Water
Analysis Batch: 546938

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	1700		1840	J3	mg/L		9	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-547953/6
Matrix: Water
Analysis Batch: 547953

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			09/20/21 00:02	1

Lab Sample ID: LCS 400-547953/7
Matrix: Water
Analysis Batch: 547953

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	29.2		mg/L		97	90 - 110

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

Lab Sample ID: MRL 400-547953/3
Matrix: Water
Analysis Batch: 547953

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	2.34		mg/L		117	50 - 150		

Lab Sample ID: 400-208202-1 MS
Matrix: Water
Analysis Batch: 547953

Client Sample ID: MW-202
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	12		10.0	21.9		mg/L		98	73 - 120		

Lab Sample ID: 400-208202-1 MSD
Matrix: Water
Analysis Batch: 547953

Client Sample ID: MW-202
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12		10.0	22.0		mg/L		99	73 - 120	0	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-547587/1
Matrix: Water
Analysis Batch: 547587

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0440	I	0.10	0.032	mg/L			09/16/21 08:18	1

Lab Sample ID: LCS 400-547587/4
Matrix: Water
Analysis Batch: 547587

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	5.24		mg/L		105	90 - 110		

Lab Sample ID: 660-113564-B-3 MS
Matrix: Water
Analysis Batch: 547587

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	0.760	J3	mg/L		46	75 - 125		

Lab Sample ID: 660-113564-B-3 MSD
Matrix: Water
Analysis Batch: 547587

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	1.15	J3	mg/L		85	75 - 125	41	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-547954/6
Matrix: Water
Analysis Batch: 547954

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			09/20/21 00:17	1

Lab Sample ID: LCS 400-547954/7
Matrix: Water
Analysis Batch: 547954

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		95	90 - 110		

Lab Sample ID: MRL 400-547954/3
Matrix: Water
Analysis Batch: 547954

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	4.31	I	mg/L		86	50 - 150		

Lab Sample ID: 400-208202-1 MS
Matrix: Water
Analysis Batch: 547954

Client Sample ID: MW-202
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	9.1		10.0	18.2		mg/L		91	77 - 128		

Lab Sample ID: 400-208202-1 MSD
Matrix: Water
Analysis Batch: 547954

Client Sample ID: MW-202
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	9.1		10.0	18.4		mg/L		93	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 E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-104846-37328.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
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		
MW-202	9/8/21	0931	G	Water			X	X	X	X	X	X		
MW-203	9/8/21	1028		Water										
MW-204	9/8/21	1130		Water										
MW-205	9/8/21	1250		Water										
FB-03	9/8/21	1135		Water										
EB-03	9/8/21	1205	G	Water			X	X	X	X	X	X		

400-208202 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: 9/9/21 1540	Company RDH	Received by: Kathy Rau	Date/Time: 9.9.21 1540	Company FTA
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: 5.7, 3.7, 5.1, 6.0°C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208202-1
SDG Number: Upgradient E

Login Number: 208202
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	5.7, 3.7, 5.1, 6.0°C IR9
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: 400-208202-1
SDG: Upgradient E

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	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	09-30-21

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-208202-2
Laboratory Sample Delivery Group: Upgradient E
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:
10/27/2021 3:30:02 PM

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

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Job ID: 400-208202-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208202-2

RAD

Method 9315: Radium 226 prep batch 160-526914. 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-202 (400-208202-1), MW-203 (400-208202-2), MW-204 (400-208202-3), (LCS 160-526914/1-A), (LCSD 160-526914/2-A) and (MB 160-526914/23-A)

Method 9315: Radium 226 batch 527062. 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-205 (400-208202-4), FB-03 (400-208202-5), EB-03 (400-208202-6), (LCS 160-527062/1-A), (LCSD 160-527062/2-A) and (MB 160-527062/23-A)

Method 9320: Radium 228 prep batch 526924. 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-202 (400-208202-1), MW-203 (400-208202-2), MW-204 (400-208202-3), (LCS 160-526924/1-A), (LCSD 160-526924/2-A) and (MB 160-526924/23-A)

Method 9320: Radium 228 Prep batch 160-527070. 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-205 (400-208202-4), FB-03 (400-208202-5), EB-03 (400-208202-6), (LCS 160-527070/1-A), (LCSD 160-527070/2-A) and (MB 160-527070/23-A)

Method PrecSep_0: Ra-228 Batch 160-526924. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-202 (400-208202-1), MW-203 (400-208202-2) and MW-204 (400-208202-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep_0: Ra-228 Batch 160-527070. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-205 (400-208202-4), FB-03 (400-208202-5) and EB-03 (400-208202-6). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Ra-226 Batch 160-526914. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-202 (400-208202-1), MW-203 (400-208202-2) and MW-204 (400-208202-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Ra-226 Batch 160-527062. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-205 (400-208202-4), FB-03 (400-208202-5) and EB-03 (400-208202-6). 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: 400-208202-2
SDG: Upgradient E

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

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

Job ID: 400-208202-2
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208202-1	MW-202	Water	09/08/21 09:31	09/09/21 15:40
400-208202-2	MW-203	Water	09/08/21 10:28	09/09/21 15:40
400-208202-3	MW-204	Water	09/08/21 11:30	09/09/21 15:40
400-208202-4	MW-205	Water	09/08/21 12:50	09/09/21 15:40
400-208202-5	FB-03	Water	09/08/21 11:35	09/09/21 15:40
400-208202-6	EB-03	Water	09/08/21 12:05	09/09/21 15:40

Client Sample ID: MW-202

Date Collected: 09/08/21 09:31
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-1

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	0.486		0.190	0.195	1.00	0.214	pCi/L	09/14/21 09:49	10/18/21 20:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.7*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:33*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.653		0.386	0.390	1.00	0.581	pCi/L	09/14/21 11:19	10/15/21 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.7*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*1*
Y Carrier	*86.4*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*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		0.430	0.436	5.00	0.581	pCi/L		10/26/21 19:08	1

Client Sample ID: MW-203

Date Collected: 09/08/21 10:28
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-2

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	1.16		0.244	0.265	1.00	0.192	pCi/L	09/14/21 09:49	10/18/21 20:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:33*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.34		0.485	0.530	1.00	0.543	pCi/L	09/14/21 11:19	10/15/21 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*1*
Y Carrier	*84.5*		*40 - 110*	*09/14/21 11:19*	*10/15/21 14:24*	*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	3.50		0.543	0.593	5.00	0.543	pCi/L		10/26/21 19:08	1

Client Sample ID: MW-204

Date Collected: 09/08/21 11:30
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-3

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	1.13		0.256	0.275	1.00	0.218	pCi/L	09/14/21 09:49	10/18/21 20:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:33*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	9.07		0.761	1.13	1.00	0.532	pCi/L	09/14/21 11:19	10/15/21 13:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*40 - 110*	*09/14/21 11:19*	*10/15/21 13:02*	*1*
Y Carrier	*81.9*		*40 - 110*	*09/14/21 11:19*	*10/15/21 13:02*	*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	10.2		0.803	1.16	5.00	0.532	pCi/L		10/26/21 19:08	1

Client Sample ID: MW-205

Date Collected: 09/08/21 12:50
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-4

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	1.39		0.351	0.372	1.00	0.280	pCi/L	09/15/21 11:11	10/16/21 17:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.4*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:36*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.28		0.432	0.448	1.00	0.595	pCi/L	09/15/21 11:48	10/15/21 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.4*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*1*
Y Carrier	*81.9*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*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	2.66		0.557	0.582	5.00	0.595	pCi/L		10/26/21 19:06	1

Client Sample ID: FB-03

Date Collected: 09/08/21 11:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-5

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	-0.00788	U	0.128	0.128	1.00	0.261	pCi/L	09/15/21 11:11	10/16/21 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:34*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.273	U	0.256	0.258	1.00	0.495	pCi/L	09/15/21 11:48	10/15/21 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*1*
Y Carrier	*84.1*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*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	-0.281	U	0.286	0.288	5.00	0.495	pCi/L		10/26/21 19:06	1

Client Sample ID: EB-03

Date Collected: 09/08/21 12:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-6

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	0.147	U	0.168	0.169	1.00	0.274	pCi/L	09/15/21 11:11	10/16/21 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:34*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0825	U	0.263	0.263	1.00	0.456	pCi/L	09/15/21 11:48	10/15/21 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*1*
Y Carrier	*83.0*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*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	0.230	U	0.312	0.313	5.00	0.456	pCi/L		10/26/21 19:06	1

Definitions/Glossary

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

Job ID: 400-208202-2
SDG: Upgradient E

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: 400-208202-2
SDG: Upgradient E

Client Sample ID: MW-202
Date Collected: 09/08/21 09:31
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:33	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 14:24	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533780	10/26/21 19:08	EMH	TAL SL

Client Sample ID: MW-203
Date Collected: 09/08/21 10:28
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:33	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531966	10/15/21 14:24	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533780	10/26/21 19:08	EMH	TAL SL

Client Sample ID: MW-204
Date Collected: 09/08/21 11:30
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526914	09/14/21 09:49	MJ	TAL SL
Total/NA	Analysis	9315		1	532483	10/18/21 20:33	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526924	09/14/21 11:19	MJ	TAL SL
Total/NA	Analysis	9320		1	531971	10/15/21 13:02	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533780	10/26/21 19:08	EMH	TAL SL

Client Sample ID: MW-205
Date Collected: 09/08/21 12:50
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532464	10/16/21 17:36	MLK	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:33	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Lab Chronicle

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

Job ID: 400-208202-2
SDG: Upgradient E

Client Sample ID: FB-03
Date Collected: 09/08/21 11:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532123	10/16/21 17:34	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:33	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Client Sample ID: EB-03
Date Collected: 09/08/21 12:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208202-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532123	10/16/21 17:34	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:33	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Laboratory References:

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

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Prep Batch: 526914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	PrecSep-21	
400-208202-2	MW-203	Total/NA	Water	PrecSep-21	
400-208202-3	MW-204	Total/NA	Water	PrecSep-21	
MB 160-526914/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-526914/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-526914/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 526924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-1	MW-202	Total/NA	Water	PrecSep_0	
400-208202-2	MW-203	Total/NA	Water	PrecSep_0	
400-208202-3	MW-204	Total/NA	Water	PrecSep_0	
MB 160-526924/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-526924/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-526924/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 527062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-4	MW-205	Total/NA	Water	PrecSep-21	
400-208202-5	FB-03	Total/NA	Water	PrecSep-21	
400-208202-6	EB-03	Total/NA	Water	PrecSep-21	
MB 160-527062/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-527062/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-527062/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 527070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-4	MW-205	Total/NA	Water	PrecSep_0	
400-208202-5	FB-03	Total/NA	Water	PrecSep_0	
400-208202-6	EB-03	Total/NA	Water	PrecSep_0	
MB 160-527070/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-527070/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-527070/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-526914/23-A
Matrix: Water
Analysis Batch: 532483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526914

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02456	U	0.0958	0.0958	1.00	0.184	pCi/L	09/14/21 09:49	10/18/21 20:33	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.2*		*40 - 110*	*09/14/21 09:49*	*10/18/21 20:33*	*1*

Lab Sample ID: LCS 160-526914/1-A
Matrix: Water
Analysis Batch: 532486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526914

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	11.87		1.34	1.00	0.262	pCi/L	105	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*69.3*		*40 - 110*

Lab Sample ID: LCSD 160-526914/2-A
Matrix: Water
Analysis Batch: 532486

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 526914

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	11.60		1.34	1.00	0.257	pCi/L	102	75 - 125	0.10	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*60.6*		*40 - 110*

Lab Sample ID: MB 160-527062/23-A
Matrix: Water
Analysis Batch: 532483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527062

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2537		0.173	0.175	1.00	0.252	pCi/L	09/15/21 11:34	10/18/21 07:45	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*40 - 110*	*09/15/21 11:34*	*10/18/21 07:45*	*1*

Lab Sample ID: LCS 160-527062/1-A
Matrix: Water
Analysis Batch: 532464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527062

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	11.03		1.30	1.00	0.234	pCi/L	97	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-527062/1-A
Matrix: Water
Analysis Batch: 532464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527062

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.2		40 - 110

Lab Sample ID: LCSD 160-527062/2-A
Matrix: Water
Analysis Batch: 532464

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527062

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	11.95		1.40	1.00	0.211	pCi/L	105	75 - 125	0.34	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	87.5		40 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-526924/23-A
Matrix: Water
Analysis Batch: 531971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526924

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2034	U	0.334	0.335	1.00	0.633	pCi/L	09/14/21 11:19	10/15/21 14:20	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	77.2		40 - 110	09/14/21 11:19	10/15/21 14:20	1
Y Carrier	87.5		40 - 110	09/14/21 11:19	10/15/21 14:20	1

Lab Sample ID: LCS 160-526924/1-A
Matrix: Water
Analysis Batch: 531999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526924

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			9.24	9.821		1.24	1.00	0.583	pCi/L	106	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	69.3		40 - 110
Y Carrier	81.5		40 - 110

Lab Sample ID: LCSD 160-526924/2-A
Matrix: Water
Analysis Batch: 531999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 526924

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			9.24	11.23		1.42	1.00	0.635	pCi/L	122	75 - 125	0.53	1

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

Lab Sample ID: LCSD 160-526924/2-A
Matrix: Water
Analysis Batch: 531999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 526924

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	60.6		40 - 110
Y Carrier	78.5		40 - 110

Lab Sample ID: MB 160-527070/23-A
Matrix: Water
Analysis Batch: 531997

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527070

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.03026	U	0.254	0.254	1.00	0.451	pCi/L	09/15/21 11:48	10/15/21 12:45	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		40 - 110	09/15/21 11:48	10/15/21 12:45	1
Y Carrier	84.1		40 - 110	09/15/21 11:48	10/15/21 12:45	1

Lab Sample ID: LCS 160-527070/1-A
Matrix: Water
Analysis Batch: 531971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527070

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			9.24	10.48		1.30	1.00	0.631	pCi/L	113	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.2		40 - 110
Y Carrier	86.0		40 - 110

Lab Sample ID: LCSD 160-527070/2-A
Matrix: Water
Analysis Batch: 531997

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527070

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			9.24	9.841		1.18	1.00	0.429	pCi/L	107	75 - 125	0.26	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	87.5		40 - 110
Y Carrier	84.9		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 E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-104846-37328.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
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-202	9/8/21	0931	G	Water			X	X	X	X	X	X		
MW-203	9/8/21	1028		Water			↓	↓	↓	↓	↓	↓		
MW-204	9/8/21	1130		Water										
MW-205	9/8/21	1250		Water										
FB-03	9/8/21	1135	↓	Water										
EB-03	9/8/21	1205	G	Water			X	X	X	X	X	X		

400-208202 COC

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:	
Relinquished by:	Date/Time: 9/9/21 1540	Company RDH	Received by: Kathy Rau	Date/Time: 9.9.21 1540	Company FTA	
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: 5.7, 3.7, 5.1, 6.0°C IR9			

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208202-2
SDG Number: Upgradient E

Login Number: 208202
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	5.7, 3.7, 5.1, 6.0°C IR9
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: 400-208202-2
SDG Number: Upgradient E

Login Number: 208202
List Number: 2
Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis
List Creation: 09/13/21 01:54 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: 400-208202-2
SDG: Upgradient E

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
California	Los Angeles County Sanitation Districts	10259	06-30-22
California	State	2886	06-30-21 *
Connecticut	State	PH-0241	03-31-23
Florida	NELAP	E87689	06-30-22
HI - RadChem Recognition	State	n/a	06-30-22
Illinois	NELAP	200023	11-30-22
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-22
Louisiana (DW)	State	LA011	12-31-21
Maryland	State	310	09-30-22
MI - RadChem Recognition	State	9005	06-30-22
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-22
New Jersey	NELAP	MO002	06-30-22
New York	NELAP	11616	04-01-22
North Dakota	State	R-207	06-30-22
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-22
Oregon	NELAP	4157	09-01-22
Pennsylvania	NELAP	68-00540	03-01-22
South Carolina	State	85002001	06-30-22
Texas	NELAP	T104704193	07-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542021-14	08-01-22
Virginia	NELAP	10310	06-14-22
Washington	State	C592	08-30-22
West Virginia DEP	State	381	10-31-22

* 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: 400-208203-1
Laboratory SDG: GSA Delineation Sampling Event
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:
9/29/2021 5:27:44 PM

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

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Job ID: 400-208203-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208203-1

Metals

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-548081 and analytical batch 400-548924 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 method blank for preparation batch 400-548081 and analytical batch 400-548924contained Cadmium and Lithium 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 6020: The following sample was diluted due to the nature of the sample matrix: PZ-200S (400-208203-1). Elevated reporting limits (RLs) are provided.

Method 6020: The following sample was diluted because the initial analysis produced a significant negative result - the absolute value exceeded the reporting limit (RL): GSA-2S (400-208203-3). Reporting limits (RLs) are elevated as a result.

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-546938 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The method blank for analytical batch 400-547587 contained <AffectedAnalytes> 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: PZ-200S (400-208203-1), GSA-2S (400-208203-3) and MW2032/GE-1D (400-208203-6). 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: PZ-200S (400-208203-1) and GSA-2S (400-208203-3). Elevated reporting limits (RLs) are provided.

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Detection Summary

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-200S — Lab Sample ID: 400-208203-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.042		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	8.0		1.0	0.36	mg/L	100		6020	Total Recoverable
Calcium	140		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0014	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0026		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Mercury	0.00030		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	940		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	260		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Sulfate	120		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.10				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-200D — Lab Sample ID: 400-208203-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.028		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.045	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	62		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.037	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	7.9		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.37				SU	1		Field Sampling	Total/NA

Client Sample ID: GSA-2S — Lab Sample ID: 400-208203-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.039		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	3.6		0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	76		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0012	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.00057	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Selenium	0.0034		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	550		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	130		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Fluoride	0.070	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	59		10	2.8	mg/L	2		SM 4500 SO4 E	Total/NA
Field pH	4.29				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: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-201D — Lab Sample ID: 400-208203-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.055		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.039	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	8.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.019	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	98		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.037	I V	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Field pH	6.87				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-203D — Lab Sample ID: 400-208203-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.014		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	2.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.024	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	38		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.8		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	4.7	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.29				SU	1		Field Sampling	Total/NA

Client Sample ID: MW2032/GE-1D — Lab Sample ID: 400-208203-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.064		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.048	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	120		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0017	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.00061	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0067	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.00097	I	0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	750		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	220		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Sulfate	3.5	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.58				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-05 — Lab Sample ID: 400-208203-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00061	I	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.030		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: DUP-05 (Continued)

Lab Sample ID: 400-208203-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.023	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	4.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	88		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.4		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.080	I	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	8.0		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.37				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: 400-208203-1
SDG: GSA Delineation Sampling Event

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: 400-208203-1
SDG: GSA Delineation Sampling Event

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208203-1	PZ-200S	Water	09/09/21 12:40	09/09/21 15:40
400-208203-2	PZ-200D	Water	09/09/21 11:05	09/09/21 15:40
400-208203-3	GSA-2S	Water	09/09/21 10:35	09/09/21 15:40
400-208203-4	PZ-201D	Water	09/09/21 08:35	09/09/21 15:40
400-208203-5	PZ-203D	Water	09/08/21 16:35	09/09/21 15:40
400-208203-6	MW2032/GE-1D	Water	09/09/21 09:49	09/09/21 15:40
400-208203-7	DUP-05	Water	09/09/21 10:05	09/09/21 15:40

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-200S
Date Collected: 09/09/21 12:40
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-1
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		09/20/21 18:00	09/26/21 18:27	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/26/21 18:27	5
Barium	**0.042**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:27	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:27	5
Boron	**8.0**		1.0	0.36	mg/L		09/20/21 18:00	09/29/21 15:40	100
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:27	5
Calcium	**140**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:27	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:27	5
Cobalt	**0.0014**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:27	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:27	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:27	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:27	5
Selenium	**0.0026**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:27	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:27	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00030**		0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:05	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**940**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**260**		20	14	mg/L			09/20/21 00:13	10
Fluoride	0.032	U	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**120**		25	7.0	mg/L			09/20/21 00:59	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.10**				SU			09/09/21 12:40	1

Client Sample Results

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-200D

Date Collected: 09/09/21 11:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-2

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		09/20/21 18:00	09/26/21 18:32	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 13:50	5
Barium	**0.028**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:32	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:32	5
Boron	**0.045**	**I**	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:32	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:32	5
Calcium	**4.2**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:32	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:32	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:32	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:32	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:32	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:32	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:32	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:32	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**62**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**4.0**		2.0	1.4	mg/L			09/20/21 00:10	1
Fluoride	**0.037**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**7.9**		5.0	1.4	mg/L			09/20/21 00:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.37**				SU			09/09/21 11:05	1

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: GSA-2S

Date Collected: 09/09/21 10:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-3

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		09/20/21 18:00	09/26/21 18:37	5
Arsenic	0.00078	U	0.0025	0.00078	mg/L		09/20/21 18:00	09/29/21 15:45	10
Barium	**0.039**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:37	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:37	5
Boron	**3.6**		0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:37	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:37	5
Calcium	**76**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:37	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:37	5
Cobalt	**0.0012**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:37	5
Lead	**0.00057**	**I**	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:37	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:37	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:37	5
Selenium	**0.0034**		0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:37	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:37	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:08	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**550**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**130**		20	14	mg/L			09/20/21 00:19	10
Fluoride	**0.070**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**59**		10	2.8	mg/L			09/20/21 01:01	2

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.29**				SU			09/09/21 10:35	1

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-201D

Date Collected: 09/09/21 08:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-4

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		09/20/21 18:00	09/26/21 18:42	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/26/21 18:42	5
Barium	**0.055**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:42	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:42	5
Boron	**0.039**	**I**	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:42	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:42	5
Calcium	**8.6**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:42	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:42	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:42	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:42	5
Lithium	**0.019**	**V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:42	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:42	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:42	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:42	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:14	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**98**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**4.3**		2.0	1.4	mg/L			09/20/21 00:10	1
Fluoride	**0.037**	**I V**	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/20/21 00:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.87**				SU			09/09/21 08:35	1

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-203D

Date Collected: 09/08/21 16:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-5

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		09/20/21 18:00	09/26/21 18:48	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/26/21 18:48	5
Barium	**0.014**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 18:48	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 18:48	5
Boron	0.018	U	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 18:48	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 18:48	5
Calcium	**2.3**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 18:48	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 18:48	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 18:48	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 18:48	5
Lithium	**0.024**	**V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 18:48	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 18:48	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 18:48	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 18:48	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:16	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**38**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**3.8**		2.0	1.4	mg/L			09/20/21 00:10	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/16/21 08:18	1
Sulfate	**4.7**	**I**	5.0	1.4	mg/L			09/20/21 00:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.29**				SU			09/08/21 16:35	1

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: MW2032/GE-1D

Date Collected: 09/09/21 09:49
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-6

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		09/20/21 18:00	09/26/21 19:03	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 14:00	5
Barium	**0.064**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:03	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:03	5
Boron	**0.048**	**I**	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 19:03	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:03	5
Calcium	**120**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:03	5
Chromium	**0.0017**	**I**	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:03	5
Cobalt	**0.00061**	**I**	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:03	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:03	5
Lithium	**0.0067**	**V**	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:03	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:03	5
Selenium	**0.00097**	**I**	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:03	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:03	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:18	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**750**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**220**		20	14	mg/L			09/20/21 00:19	10
Fluoride	0.032	U	0.10	0.032	mg/L			09/24/21 16:42	1
Sulfate	**3.5**	**I**	5.0	1.4	mg/L			09/20/21 00:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.58**				SU			09/09/21 09:49	1

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: DUP-05

Date Collected: 09/09/21 10:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-7

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		09/20/21 18:00	09/26/21 19:08	5
Arsenic	**0.00061**	**I**	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 14:05	5
Barium	**0.030**		0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 19:08	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 19:08	5
Boron	**0.023**	**I**	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 19:08	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 19:08	5
Calcium	**4.4**		0.25	0.13	mg/L		09/20/21 18:00	09/26/21 19:08	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 19:08	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 19:08	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 19:08	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 19:08	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 19:08	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 19:08	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 19:08	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 15:19	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**88**		5.0	5.0	mg/L			09/10/21 17:16	1
Chloride	**4.4**		2.0	1.4	mg/L			09/20/21 00:10	1
Fluoride	**0.080**	**I**	0.10	0.032	mg/L			09/24/21 16:38	1
Sulfate	**8.0**		5.0	1.4	mg/L			09/20/21 00:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.37**				SU			09/09/21 10:05	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: PZ-200S

Lab Sample ID: 400-208203-1

Date Collected: 09/09/21 12:40

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:27	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		100	549371	09/29/21 15:40	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:05	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	547953	09/20/21 00:13	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	547954	09/20/21 00:59	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/09/21 12:40	FS	TAL PEN

Client Sample ID: PZ-200D

Lab Sample ID: 400-208203-2

Date Collected: 09/09/21 11:05

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:32	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 13:50	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:06	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:10	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:28	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/09/21 11:05	FS	TAL PEN

Client Sample ID: GSA-2S

Lab Sample ID: 400-208203-3

Date Collected: 09/09/21 10:35

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:37	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		10	549371	09/29/21 15:45	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:08	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	547953	09/20/21 00:19	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN

Client Sample ID: GSA-2S

Lab Sample ID: 400-208203-3

Date Collected: 09/09/21 10:35

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		2	547954	09/20/21 01:01	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/09/21 10:35	FS	TAL PEN

Client Sample ID: PZ-201D

Lab Sample ID: 400-208203-4

Date Collected: 09/09/21 08:35

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:42	KW	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:14	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:10	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:28	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/09/21 08:35	FS	TAL PEN

Client Sample ID: PZ-203D

Lab Sample ID: 400-208203-5

Date Collected: 09/08/21 16:35

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 18:48	KW	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:16	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:10	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	547587	09/16/21 08:18	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:28	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/08/21 16:35	FS	TAL PEN

Client Sample ID: MW2032/GE-1D

Lab Sample ID: 400-208203-6

Date Collected: 09/09/21 09:49

Matrix: Water

Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:03	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 14:00	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:18	NET	TAL PEN

Lab Chronicle

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

Job ID: 400-208203-1
SDG: GSA Delineation Sampling Event

Client Sample ID: MW2032/GE-1D

Lab Sample ID: 400-208203-6

Date Collected: 09/09/21 09:49
Matrix: Water
Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	547953	09/20/21 00:19	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	548769	09/24/21 16:42	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:28	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/09/21 09:49	FS	TAL PEN

Client Sample ID: DUP-05

Lab Sample ID: 400-208203-7

Date Collected: 09/09/21 10:05
Matrix: Water
Date Received: 09/09/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548924	09/26/21 19:08	KW	TAL PEN
Total Recoverable	Prep	3005A			548081	09/20/21 18:00	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	549207	09/28/21 14:05	LDC	TAL PEN
Total/NA	Prep	7470A			546828	09/10/21 09:57	NET	TAL PEN
Total/NA	Analysis	7470A		1	547123	09/10/21 15:19	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546938	09/10/21 17:16	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547953	09/20/21 00:10	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	548769	09/24/21 16:38	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547954	09/20/21 00:28	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/09/21 10:05	FS	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 546828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	7470A	
400-208203-2	PZ-200D	Total/NA	Water	7470A	
400-208203-3	GSA-2S	Total/NA	Water	7470A	
400-208203-4	PZ-201D	Total/NA	Water	7470A	
400-208203-5	PZ-203D	Total/NA	Water	7470A	
400-208203-6	MW2032/GE-1D	Total/NA	Water	7470A	
400-208203-7	DUP-05	Total/NA	Water	7470A	
MB 400-546828/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-546828/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-208202-C-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-208202-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 547123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	7470A	546828
400-208203-2	PZ-200D	Total/NA	Water	7470A	546828
400-208203-3	GSA-2S	Total/NA	Water	7470A	546828
400-208203-4	PZ-201D	Total/NA	Water	7470A	546828
400-208203-5	PZ-203D	Total/NA	Water	7470A	546828
400-208203-6	MW2032/GE-1D	Total/NA	Water	7470A	546828
400-208203-7	DUP-05	Total/NA	Water	7470A	546828
MB 400-546828/14-A	Method Blank	Total/NA	Water	7470A	546828
LCS 400-546828/15-A	Lab Control Sample	Total/NA	Water	7470A	546828
400-208202-C-1-B MS	Matrix Spike	Total/NA	Water	7470A	546828
400-208202-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	546828

Prep Batch: 548081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total Recoverable	Water	3005A	
400-208203-2	PZ-200D	Total Recoverable	Water	3005A	
400-208203-3	GSA-2S	Total Recoverable	Water	3005A	
400-208203-4	PZ-201D	Total Recoverable	Water	3005A	
400-208203-5	PZ-203D	Total Recoverable	Water	3005A	
400-208203-6	MW2032/GE-1D	Total Recoverable	Water	3005A	
400-208203-7	DUP-05	Total Recoverable	Water	3005A	
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-548081/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-208202-C-2-C MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-208202-C-2-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 548924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total Recoverable	Water	6020	548081
400-208203-2	PZ-200D	Total Recoverable	Water	6020	548081
400-208203-3	GSA-2S	Total Recoverable	Water	6020	548081
400-208203-4	PZ-201D	Total Recoverable	Water	6020	548081
400-208203-5	PZ-203D	Total Recoverable	Water	6020	548081
400-208203-6	MW2032/GE-1D	Total Recoverable	Water	6020	548081
400-208203-7	DUP-05	Total Recoverable	Water	6020	548081
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	6020	548081
LCS 400-548081/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	548081

Metals (Continued)

Analysis Batch: 548924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208202-C-2-C MS ^5	Matrix Spike	Total Recoverable	Water	6020	548081
400-208202-C-2-D MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	548081

Analysis Batch: 549207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-2	PZ-200D	Total Recoverable	Water	6020	548081
400-208203-6	MW2032/GE-1D	Total Recoverable	Water	6020	548081
400-208203-7	DUP-05	Total Recoverable	Water	6020	548081
MB 400-548081/1-A ^5	Method Blank	Total Recoverable	Water	6020	548081

Analysis Batch: 549371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total Recoverable	Water	6020	548081
400-208203-3	GSA-2S	Total Recoverable	Water	6020	548081

General Chemistry

Analysis Batch: 546938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	SM 2540C	
400-208203-2	PZ-200D	Total/NA	Water	SM 2540C	
400-208203-3	GSA-2S	Total/NA	Water	SM 2540C	
400-208203-4	PZ-201D	Total/NA	Water	SM 2540C	
400-208203-5	PZ-203D	Total/NA	Water	SM 2540C	
400-208203-6	MW2032/GE-1D	Total/NA	Water	SM 2540C	
400-208203-7	DUP-05	Total/NA	Water	SM 2540C	
MB 400-546938/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-546938/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-208197-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 547587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	SM 4500 F C	
400-208203-2	PZ-200D	Total/NA	Water	SM 4500 F C	
400-208203-3	GSA-2S	Total/NA	Water	SM 4500 F C	
400-208203-4	PZ-201D	Total/NA	Water	SM 4500 F C	
400-208203-5	PZ-203D	Total/NA	Water	SM 4500 F C	
MB 400-547587/1	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-547587/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-208200-B-3 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-208200-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 547953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	SM 4500 Cl- E	
400-208203-2	PZ-200D	Total/NA	Water	SM 4500 Cl- E	
400-208203-3	GSA-2S	Total/NA	Water	SM 4500 Cl- E	
400-208203-4	PZ-201D	Total/NA	Water	SM 4500 Cl- E	
400-208203-5	PZ-203D	Total/NA	Water	SM 4500 Cl- E	
400-208203-6	MW2032/GE-1D	Total/NA	Water	SM 4500 Cl- E	
400-208203-7	DUP-05	Total/NA	Water	SM 4500 Cl- E	

General Chemistry (Continued)

Analysis Batch: 547953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-547953/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-547953/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-547953/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-208202-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-208202-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 547954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	SM 4500 SO4 E	
400-208203-2	PZ-200D	Total/NA	Water	SM 4500 SO4 E	
400-208203-3	GSA-2S	Total/NA	Water	SM 4500 SO4 E	
400-208203-4	PZ-201D	Total/NA	Water	SM 4500 SO4 E	
400-208203-5	PZ-203D	Total/NA	Water	SM 4500 SO4 E	
400-208203-6	MW2032/GE-1D	Total/NA	Water	SM 4500 SO4 E	
400-208203-7	DUP-05	Total/NA	Water	SM 4500 SO4 E	
MB 400-547954/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-547954/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-547954/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-208203-5 MS	PZ-203D	Total/NA	Water	SM 4500 SO4 E	
400-208203-5 MSD	PZ-203D	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 548769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-6	MW2032/GE-1D	Total/NA	Water	SM 4500 F C	
400-208203-7	DUP-05	Total/NA	Water	SM 4500 F C	
MB 400-548769/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-548769/7	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-207993-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-207993-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-208550-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-208550-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 548712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	Field Sampling	
400-208203-2	PZ-200D	Total/NA	Water	Field Sampling	
400-208203-3	GSA-2S	Total/NA	Water	Field Sampling	
400-208203-4	PZ-201D	Total/NA	Water	Field Sampling	
400-208203-5	PZ-203D	Total/NA	Water	Field Sampling	
400-208203-6	MW2032/GE-1D	Total/NA	Water	Field Sampling	
400-208203-7	DUP-05	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-548081/1-A ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/20/21 18:00	09/26/21 17:16	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/21 18:00	09/26/21 17:16	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/20/21 18:00	09/26/21 17:16	5
Boron	0.018	U	0.050	0.018	mg/L		09/20/21 18:00	09/26/21 17:16	5
Cadmium	0.000300	I	0.0025	0.00028	mg/L		09/20/21 18:00	09/26/21 17:16	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/21 18:00	09/26/21 17:16	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/21 18:00	09/26/21 17:16	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/21 18:00	09/26/21 17:16	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/20/21 18:00	09/26/21 17:16	5
Lithium	0.00463	I	0.0050	0.0019	mg/L		09/20/21 18:00	09/26/21 17:16	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/20/21 18:00	09/26/21 17:16	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/21 18:00	09/26/21 17:16	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/20/21 18:00	09/26/21 17:16	5

Lab Sample ID: MB 400-548081/1-A ^5
Matrix: Water
Analysis Batch: 549207

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/20/21 18:00	09/28/21 13:19	5

Lab Sample ID: LCS 400-548081/2-A ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0490		mg/L		98	80 - 120
Arsenic	0.0500	0.0492		mg/L		98	80 - 120
Barium	0.0500	0.0481		mg/L		96	80 - 120
Beryllium	0.0500	0.0498		mg/L		100	80 - 120
Boron	0.100	0.0861		mg/L		86	80 - 120
Cadmium	0.0500	0.0506		mg/L		101	80 - 120
Calcium	5.00	4.92		mg/L		98	80 - 120
Chromium	0.0500	0.0503		mg/L		101	80 - 120
Cobalt	0.0500	0.0503		mg/L		101	80 - 120
Lead	0.0500	0.0502		mg/L		100	80 - 120
Lithium	0.0500	0.0570		mg/L		114	80 - 120
Molybdenum	0.0500	0.0506		mg/L		101	80 - 120
Selenium	0.0500	0.0506		mg/L		101	80 - 120
Thallium	0.0100	0.00970		mg/L		97	80 - 120

Lab Sample ID: 400-208202-C-2-C MS ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0015	U	0.0500	0.0445		mg/L		89	75 - 125
Arsenic	0.00039	U	0.0500	0.0472		mg/L		94	75 - 125
Barium	0.017		0.0500	0.0594		mg/L		85	75 - 125

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

Lab Sample ID: 400-208202-C-2-C MS ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 548081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.00017	U	0.0500	0.0455		mg/L		91	75 - 125
Boron	0.44		0.100	0.540		mg/L		97	75 - 125
Cadmium	0.00028	U	0.0500	0.0467		mg/L		93	75 - 125
Calcium	32		5.00	35.3	J3	mg/L		66	75 - 125
Chromium	0.0014	I	0.0500	0.0465		mg/L		90	75 - 125
Cobalt	0.00056	U	0.0500	0.0457		mg/L		91	75 - 125
Lead	0.00029	U	0.0500	0.0461		mg/L		92	75 - 125
Lithium	0.0049	I V	0.0500	0.0477		mg/L		86	75 - 125
Molybdenum	0.0045	U	0.0500	0.0469		mg/L		94	75 - 125
Selenium	0.0017		0.0500	0.0475		mg/L		92	75 - 125
Thallium	0.00012	U	0.0100	0.00902		mg/L		90	75 - 125

Lab Sample ID: 400-208202-C-2-D MSD ^5
Matrix: Water
Analysis Batch: 548924

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 548081

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	0.0460		mg/L		92	75 - 125	3	20
Arsenic	0.00039	U	0.0500	0.0456		mg/L		91	75 - 125	3	20
Barium	0.017		0.0500	0.0605		mg/L		87	75 - 125	2	20
Beryllium	0.00017	U	0.0500	0.0458		mg/L		92	75 - 125	1	20
Boron	0.44		0.100	0.541		mg/L		99	75 - 125	0	20
Cadmium	0.00028	U	0.0500	0.0480		mg/L		96	75 - 125	3	20
Calcium	32		5.00	36.1		mg/L		82	75 - 125	2	20
Chromium	0.0014	I	0.0500	0.0459		mg/L		89	75 - 125	1	20
Cobalt	0.00056	U	0.0500	0.0464		mg/L		93	75 - 125	1	20
Lead	0.00029	U	0.0500	0.0467		mg/L		93	75 - 125	1	20
Lithium	0.0049	I V	0.0500	0.0479		mg/L		86	75 - 125	0	20
Molybdenum	0.0045	U	0.0500	0.0465		mg/L		93	75 - 125	1	20
Selenium	0.0017		0.0500	0.0475		mg/L		92	75 - 125	0	20
Thallium	0.00012	U	0.0100	0.00911		mg/L		91	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-546828/14-A
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 546828

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/10/21 09:57	09/10/21 14:40	1

Lab Sample ID: LCS 400-546828/15-A
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 546828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000964		mg/L		96	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-208202-C-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547123 — **Prep Batch: 546828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00024		0.00201	0.00212		mg/L		93	80 - 120

Lab Sample ID: 400-208202-C-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547123 — **Prep Batch: 546828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00024		0.00201	0.00214		mg/L		94	80 - 120	1	20

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

Lab Sample ID: MB 400-546938/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546938

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			09/10/21 17:16	1

Lab Sample ID: LCS 400-546938/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	302		mg/L		103	78 - 122

Lab Sample ID: 400-208197-D-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 546938

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	84		116	J3	mg/L		32	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-547953/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547953

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			09/20/21 00:02	1

Lab Sample ID: LCS 400-547953/7 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 547953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.0	29.2		mg/L		97	90 - 110

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

Lab Sample ID: MRL 400-547953/3
Matrix: Water
Analysis Batch: 547953

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	2.34		mg/L		117	50 - 150		

Lab Sample ID: 400-208202-B-1 MS
Matrix: Water
Analysis Batch: 547953

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	12		10.0	21.9		mg/L		98	73 - 120		

Lab Sample ID: 400-208202-B-1 MSD
Matrix: Water
Analysis Batch: 547953

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	12		10.0	22.0		mg/L		99	73 - 120	0	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-547587/1
Matrix: Water
Analysis Batch: 547587

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0440	I	0.10	0.032	mg/L			09/16/21 08:18	1

Lab Sample ID: LCS 400-547587/4
Matrix: Water
Analysis Batch: 547587

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	5.24		mg/L		105	90 - 110		

Lab Sample ID: 400-208200-B-3 MS
Matrix: Water
Analysis Batch: 547587

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	0.048	I V	1.00	1.07		mg/L		102	75 - 125		

Lab Sample ID: 400-208200-B-3 MSD
Matrix: Water
Analysis Batch: 547587

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	0.048	I V	1.00	1.11		mg/L		106	75 - 125	4	4

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 400-548769/3
Matrix: Water
Analysis Batch: 548769

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			09/24/21 16:11	1

Lab Sample ID: LCS 400-548769/7
Matrix: Water
Analysis Batch: 548769

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	5.28		mg/L		106	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-547954/6
Matrix: Water
Analysis Batch: 547954

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			09/20/21 00:17	1

Lab Sample ID: LCS 400-547954/7
Matrix: Water
Analysis Batch: 547954

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		95	90 - 110

Lab Sample ID: MRL 400-547954/3
Matrix: Water
Analysis Batch: 547954

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	4.31	I	mg/L		86	50 - 150

Lab Sample ID: 400-208203-5 MS
Matrix: Water
Analysis Batch: 547954

Client Sample ID: PZ-203D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	4.7	I	10.0	15.6		mg/L		109	77 - 128

Lab Sample ID: 400-208203-5 MSD
Matrix: Water
Analysis Batch: 547954

Client Sample ID: PZ-203D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	4.7	I	10.0	15.4		mg/L		107	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

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Client Information	Sampler: Philip E / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-104626-23631.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist GSA Delineation Sampling	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	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:										
PZ-200S	9/9/21	1240	G	Water			X	X	X	X	X	X		
PZ-200D	↓	1105	↓	Water			↓	↓	↓	↓	↓	↓		
GSA-2S	↓	1035	↓	Water			↓	↓	↓	↓	↓	↓		
PZ-201D	9/9/21	0835	↓	Water			↓	↓	↓	↓	↓	↓		
PZ-203D	9/8/21	1635	↓	Water			↓	↓	↓	↓	↓	↓		
MW2032/GE-1D	9/9/21	0949	↓	Water			↓	↓	↓	↓	↓	↓		
DUP-05	9/9/21	1005	G	Water			X	X	X	X	X	X		

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:

400-208203 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: [signature]	Date/Time: 9/9/21 1540	Company: RDH	Received by: [signature]	Date/Time: 9-9-21 1540	Company: ETA	
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: 5.7, 3.7, 5.1, 6.0°C IR9			

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208203-1
SDG Number: GSA Delineation Sampling Event

Login Number: 208203
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	5.7, 3.7, 5.1, 6.0°C IR9
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: 400-208203-1
SDG: GSA Delineation Sampling Event

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	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	09-30-21

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-208203-2
Laboratory SDG: GSA Delineation Sampling Event
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:
10/27/2021 3:37:51 PM

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

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Job ID: 400-208203-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208203-2

RAD

Method 9315: Radium 226 batch 527062. 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. PZ-200S (400-208203-1), PZ-200D (400-208203-2), GSA-2S (400-208203-3), PZ-201D (400-208203-4), PZ-203D (400-208203-5), MW2032/GE-1D (400-208203-6), DUP-05 (400-208203-7), (LCS 160-527062/1-A), (LCSD 160-527062/2-A) and (MB 160-527062/23-A)

Method 9320: Radium 228 Prep batch 160-527070. 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. PZ-200S (400-208203-1), PZ-200D (400-208203-2), GSA-2S (400-208203-3), PZ-201D (400-208203-4), PZ-203D (400-208203-5), MW2032/GE-1D (400-208203-6), DUP-05 (400-208203-7), (LCS 160-527070/1-A), (LCSD 160-527070/2-A) and (MB 160-527070/23-A)

Method PrecSep_0: Ra-228 Batch 160-527070. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: PZ-200S (400-208203-1), PZ-200D (400-208203-2), GSA-2S (400-208203-3), PZ-201D (400-208203-4), PZ-203D (400-208203-5), MW2032/GE-1D (400-208203-6) and DUP-05 (400-208203-7). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Ra-226 Batch 160-527062. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: PZ-200S (400-208203-1), PZ-200D (400-208203-2), GSA-2S (400-208203-3), PZ-201D (400-208203-4), PZ-203D (400-208203-5), MW2032/GE-1D (400-208203-6) and DUP-05 (400-208203-7). 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: 400-208203-2
SDG: GSA Delineation Sampling Event

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

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

Job ID: 400-208203-2
SDG: GSA Delineation Sampling Event

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208203-1	PZ-200S	Water	09/09/21 12:40	09/09/21 15:40
400-208203-2	PZ-200D	Water	09/09/21 11:05	09/09/21 15:40
400-208203-3	GSA-2S	Water	09/09/21 10:35	09/09/21 15:40
400-208203-4	PZ-201D	Water	09/09/21 08:35	09/09/21 15:40
400-208203-5	PZ-203D	Water	09/08/21 16:35	09/09/21 15:40
400-208203-6	MW2032/GE-1D	Water	09/09/21 09:49	09/09/21 15:40
400-208203-7	DUP-05	Water	09/09/21 10:05	09/09/21 15:40

Client Sample Results

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

Job ID: 400-208203-2
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-200S

Date Collected: 09/09/21 12:40
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-1

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	3.50		0.483	0.577	1.00	0.274	pCi/L	09/15/21 11:11	10/16/21 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:34*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.29		0.456	0.547	1.00	0.416	pCi/L	09/15/21 11:48	10/15/21 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*1*
Y Carrier	*83.7*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:33*	*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	6.78		0.664	0.795	5.00	0.416	pCi/L		10/26/21 19:06	1

Client Sample Results

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

Job ID: 400-208203-2
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-200D

Date Collected: 09/09/21 11:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-2

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	**0.307**		0.177	0.179	1.00	0.229	pCi/L	09/15/21 11:11	10/16/21 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.6*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:34*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.260	U	0.264	0.265	1.00	0.429	pCi/L	09/15/21 11:48	10/15/21 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.6*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:34*	*1*
Y Carrier	*81.9*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:34*	*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	**0.567**		0.318	0.320	5.00	0.429	pCi/L		10/26/21 19:06	1

Client Sample ID: GSA-2S

Date Collected: 09/09/21 10:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-3

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	4.38		0.607	0.724	1.00	0.368	pCi/L	09/15/21 11:11	10/16/21 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.8*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:34*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.56		0.529	0.622	1.00	0.515	pCi/L	09/15/21 11:48	10/15/21 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.8*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:34*	*1*
Y Carrier	*81.5*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:34*	*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	7.94		0.805	0.954	5.00	0.515	pCi/L		10/26/21 19:06	1

Client Sample ID: PZ-201D

Date Collected: 09/09/21 08:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-4

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	0.281	U	0.220	0.222	1.00	0.333	pCi/L	09/15/21 11:11	10/16/21 17:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:35*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.287	U	0.297	0.299	1.00	0.485	pCi/L	09/15/21 11:48	10/15/21 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:34*	*1*
Y Carrier	*79.6*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:34*	*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**		0.370	0.372	5.00	0.485	pCi/L		10/26/21 19:06	1

Client Sample ID: PZ-203D

Date Collected: 09/08/21 16:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-5

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	**0.667**		0.251	0.258	1.00	0.294	pCi/L	09/15/21 11:11	10/16/21 17:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:32*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.225	U	0.267	0.268	1.00	0.441	pCi/L	09/15/21 11:48	10/15/21 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:35*	*1*
Y Carrier	*83.7*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:35*	*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	**0.892**		0.366	0.372	5.00	0.441	pCi/L		10/26/21 19:06	1

Client Sample Results

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

Job ID: 400-208203-2
SDG: GSA Delineation Sampling Event

Client Sample ID: MW2032/GE-1D

Date Collected: 09/09/21 09:49
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-6

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	0.777		0.274	0.282	1.00	0.312	pCi/L	09/15/21 11:11	10/16/21 17:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*40 - 110*	*09/15/21 11:11*	*10/16/21 17:32*	*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		0.327	0.342	1.00	0.426	pCi/L	09/15/21 11:48	10/15/21 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:35*	*1*
Y Carrier	*84.9*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:35*	*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	1.85		0.427	0.443	5.00	0.426	pCi/L		10/26/21 19:06	1

Client Sample ID: DUP-05

Date Collected: 09/09/21 10:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-7

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	0.275	U	0.199	0.200	1.00	0.294	pCi/L	09/15/21 11:11	10/16/21 19:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*40 - 110*	*09/15/21 11:11*	*10/16/21 19:57*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.344	U	0.275	0.277	1.00	0.437	pCi/L	09/15/21 11:48	10/15/21 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:36*	*1*
Y Carrier	*85.6*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:36*	*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	**0.619**		0.339	0.342	5.00	0.437	pCi/L		10/26/21 19:06	1

Definitions/Glossary

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

Job ID: 400-208203-2
SDG: GSA Delineation Sampling Event

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: 400-208203-2
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-200S
Date Collected: 09/09/21 12:40
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532123	10/16/21 17:34	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:33	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Client Sample ID: PZ-200D
Date Collected: 09/09/21 11:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532123	10/16/21 17:34	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:34	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Client Sample ID: GSA-2S
Date Collected: 09/09/21 10:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532123	10/16/21 17:34	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:34	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Client Sample ID: PZ-201D
Date Collected: 09/09/21 08:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532123	10/16/21 17:35	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:34	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Lab Chronicle

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

Job ID: 400-208203-2
SDG: GSA Delineation Sampling Event

Client Sample ID: PZ-203D
Date Collected: 09/08/21 16:35
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532124	10/16/21 17:32	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Client Sample ID: MW2032/GE-1D
Date Collected: 09/09/21 09:49
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532124	10/16/21 17:32	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:35	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	TAL SL

Client Sample ID: DUP-05
Date Collected: 09/09/21 10:05
Date Received: 09/09/21 15:40

Lab Sample ID: 400-208203-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1	532124	10/16/21 19:57	ANW	TAL SL
Total/NA	Prep	PrecSep_0			527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1	531983	10/15/21 12:36	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	533779	10/26/21 19:06	EMH	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: 527062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	PrecSep-21	
400-208203-2	PZ-200D	Total/NA	Water	PrecSep-21	
400-208203-3	GSA-2S	Total/NA	Water	PrecSep-21	
400-208203-4	PZ-201D	Total/NA	Water	PrecSep-21	
400-208203-5	PZ-203D	Total/NA	Water	PrecSep-21	
400-208203-6	MW2032/GE-1D	Total/NA	Water	PrecSep-21	
400-208203-7	DUP-05	Total/NA	Water	PrecSep-21	
MB 160-527062/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-527062/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-527062/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 527070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208203-1	PZ-200S	Total/NA	Water	PrecSep_0	
400-208203-2	PZ-200D	Total/NA	Water	PrecSep_0	
400-208203-3	GSA-2S	Total/NA	Water	PrecSep_0	
400-208203-4	PZ-201D	Total/NA	Water	PrecSep_0	
400-208203-5	PZ-203D	Total/NA	Water	PrecSep_0	
400-208203-6	MW2032/GE-1D	Total/NA	Water	PrecSep_0	
400-208203-7	DUP-05	Total/NA	Water	PrecSep_0	
MB 160-527070/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-527070/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-527070/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-527062/23-A
Matrix: Water
Analysis Batch: 532483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527062

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2537		0.173	0.175	1.00	0.252	pCi/L	09/15/21 11:34	10/18/21 07:45	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*40 - 110*	*09/15/21 11:34*	*10/18/21 07:45*	*1*

Lab Sample ID: LCS 160-527062/1-A
Matrix: Water
Analysis Batch: 532464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527062

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-226			11.3	11.03		1.30	1.00	0.234	pCi/L	97	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*88.2*		*40 - 110*

Lab Sample ID: LCSD 160-527062/2-A
Matrix: Water
Analysis Batch: 532464

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527062

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-226			11.3	11.95		1.40	1.00	0.211	pCi/L	105	75 - 125	0.34	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.5*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-527070/23-A
Matrix: Water
Analysis Batch: 531997

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527070

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.03026	U	0.254	0.254	1.00	0.451	pCi/L	09/15/21 11:48	10/15/21 12:45	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:45*	*1*
Y Carrier	*84.1*		*40 - 110*	*09/15/21 11:48*	*10/15/21 12:45*	*1*

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

Lab Sample ID: LCS 160-527070/1-A
Matrix: Water
Analysis Batch: 531971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527070

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
Radium-228			9.24	10.48		1.30	1.00	0.631	pCi/L	113	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*88.2*		*40 - 110*
Y Carrier	*86.0*		*40 - 110*

Lab Sample ID: LCSD 160-527070/2-A
Matrix: Water
Analysis Batch: 531997

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527070

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228			9.24	9.841		1.18	1.00	0.429	pCi/L	107	75 - 125	0.26	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.5*		*40 - 110*
Y Carrier	*84.9*		*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 E / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-104626-23631.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000365437			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR Plant Crist GSA Delineation Sampling	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	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:											
PZ-200S	9/9/21	1240	G	Water			X	X	X	X	X	X		
PZ-200D	↓	1105	↓	Water			↓	↓	↓	↓	↓	↓		
GSA-2S	↓	1035	↓	Water			↓	↓	↓	↓	↓	↓		
PZ-201D	9/9/21	0835	↓	Water			↓	↓	↓	↓	↓	↓		
PZ-203D	9/8/21	1635	↓	Water			↓	↓	↓	↓	↓	↓		
MW2032/GE-1D	9/9/21	0949	↓	Water			↓	↓	↓	↓	↓	↓		
DUP-05	9/9/21	1005	G	Water			X	X	X	X	X	X		

400-208203 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: [signature]	Date/Time: 9/9/21 1540	Company: ROH	Received by: Katty R[signature]		Date/Time: 9-9-21/1540	Company: EIA
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: 5.7, 3.7, 5.6, 6.0°C IR9			

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208203-2
SDG Number: GSA Delineation Sampling Event

Login Number: 208203
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	5.7, 3.7, 5.1, 6.0°C IR9
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: 400-208203-2
SDG Number: GSA Delineation Sampling Event

Login Number: 208203
List Number: 2
Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis
List Creation: 09/13/21 01:54 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: 400-208203-2
SDG: GSA Delineation Sampling Event

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	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
California	Los Angeles County Sanitation Districts	10259	06-30-22
California	State	2886	06-30-21 *
Connecticut	State	PH-0241	03-31-23
Florida	NELAP	E87689	06-30-22
HI - RadChem Recognition	State	n/a	06-30-22
Illinois	NELAP	200023	11-30-22
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21
Louisiana	NELAP	04080	06-30-22
Louisiana (DW)	State	LA011	12-31-21
Maryland	State	310	09-30-22
MI - RadChem Recognition	State	9005	06-30-22
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-22
New Jersey	NELAP	MO002	06-30-22
New York	NELAP	11616	04-01-22
North Dakota	State	R-207	06-30-22
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-22
Oregon	NELAP	4157	09-01-22
Pennsylvania	NELAP	68-00540	03-01-22
South Carolina	State	85002001	06-30-22
Texas	NELAP	T104704193	07-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542021-14	08-01-22
Virginia	NELAP	10310	06-14-22
Washington	State	C592	08-30-22
West Virginia DEP	State	381	10-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Low-Flow Test Report:

Test Date / Time: 3/29/2021 10:59:06 AM
Project: Crist CCR
Operator Name: Trevor Braddock

Location Name: MW-100 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 109 ft** **Total Depth: 119 ft** **Initial Depth to Water: 90.58 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 114 ft** **Estimated Total Volume Pumped: 22000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:
Sample time 1200

Weather Conditions:
Sunny 61

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/29/2021 10:59 AM	00:00	4.89 pH	21.16 °C	41.42 µS/cm	7.74 mg/L	41.00 NTU	260.8 mV	90.58 ft	400.00 ml/min
3/29/2021 11:04 AM	05:00	4.85 pH	20.97 °C	41.92 µS/cm	7.62 mg/L	11.50 NTU	267.4 mV	90.58 ft	400.00 ml/min
3/29/2021 11:09 AM	10:00	4.81 pH	20.93 °C	41.87 µS/cm	7.61 mg/L	6.56 NTU	309.9 mV	90.58 ft	400.00 ml/min
3/29/2021 11:14 AM	15:00	4.81 pH	21.01 °C	41.75 µS/cm	7.62 mg/L	4.87 NTU	274.6 mV	90.58 ft	400.00 ml/min
3/29/2021 11:19 AM	20:00	4.81 pH	21.11 °C	41.61 µS/cm	7.62 mg/L	4.15 NTU	273.7 mV	90.58 ft	400.00 ml/min
3/29/2021 11:24 AM	25:00	4.81 pH	21.06 °C	41.66 µS/cm	7.65 mg/L	3.12 NTU	273.2 mV	90.58 ft	400.00 ml/min
3/29/2021 11:29 AM	30:00	4.80 pH	21.04 °C	41.54 µS/cm	7.63 mg/L	2.86 NTU	271.8 mV	90.58 ft	400.00 ml/min
3/29/2021 11:34 AM	35:00	4.81 pH	21.03 °C	41.52 µS/cm	7.65 mg/L	2.65 NTU	269.5 mV	90.58 ft	400.00 ml/min
3/29/2021 11:39 AM	40:00	4.83 pH	21.02 °C	41.58 µS/cm	7.65 mg/L	2.12 NTU	303.9 mV	90.58 ft	400.00 ml/min
3/29/2021 11:44 AM	45:00	4.81 pH	21.07 °C	41.49 µS/cm	7.67 mg/L	2.05 NTU	258.7 mV	90.58 ft	400.00 ml/min
3/29/2021 11:49 AM	50:00	4.79 pH	21.10 °C	41.45 µS/cm	7.66 mg/L	1.97 NTU	257.0 mV	90.58 ft	400.00 ml/min
3/29/2021 11:54 AM	55:00	4.79 pH	21.07 °C	41.27 µS/cm	7.64 mg/L	1.95 NTU	254.8 mV	90.58 ft	400.00 ml/min

Samples

Sample ID:	Description:

Product Name: Low-Flow System

Date: 2021-03-29 09:10:47

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	113 ft

Well Information:		Pumping Information:	
Well ID	MW-101	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.7779279 L
Well Total Depth	118 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.04 in
Depth to Water	95.76 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	08:48:57	1800.03	16.51	4.95	23.35	0.64	95.80	9.52	99.96
Last 5	08:53:57	2100.03	16.65	4.95	23.39	0.71	95.80	9.50	99.42
Last 5	08:58:57	2400.02	16.83	4.93	23.41	0.73	95.80	9.50	98.97
Last 5	09:03:57	2700.03	17.02	4.92	23.41	0.82	95.80	9.47	98.97
Last 5	09:08:57	3000.03	17.08	4.92	23.42	0.97	95.80	9.49	98.65
Variance 0			0.18	-0.03	0.02			-0.01	-0.45
Variance 1			0.19	-0.01	-0.00			-0.03	0.00
Variance 2			0.06	-0.00	0.01			0.02	-0.32

Notes

Sample @0910, DUP -01@0810 sunny 64

Grab Samples

Low-Flow Test Report:

Test Date / Time: 3/29/2021 12:40:06 PM
Project: Crist CCR (2)
Operator Name: Trevor Braddock

Location Name: Mw-107 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 114 ft** **Total Depth: 124 ft** **Initial Depth to Water: 101.51 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 114 ft** **Estimated Total Volume Pumped: 20000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:
Sample time 1340

Weather Conditions:
Sunny 61

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/29/2021 12:40 PM	00:00	4.87 pH	22.33 °C	27.53 µS/cm	8.30 mg/L	19.80 NTU	260.1 mV	101.51 ft	400.00 ml/min
3/29/2021 12:45 PM	05:00	4.88 pH	21.99 °C	27.50 µS/cm	8.35 mg/L	18.20 NTU	249.3 mV	101.51 ft	400.00 ml/min
3/29/2021 12:50 PM	10:00	4.88 pH	24.38 °C	27.82 µS/cm	8.44 mg/L	17.50 NTU	239.9 mV	101.51 ft	400.00 ml/min
3/29/2021 12:55 PM	15:00	4.89 pH	26.92 °C	28.05 µS/cm	8.30 mg/L	17.12 NTU	235.9 mV	101.51 ft	400.00 ml/min
3/29/2021 1:00 PM	20:00	4.87 pH	22.22 °C	27.10 µS/cm	8.14 mg/L	16.40 NTU	292.5 mV	101.51 ft	400.00 ml/min
3/29/2021 1:05 PM	25:00	4.89 pH	21.85 °C	27.14 µS/cm	8.19 mg/L	5.97 NTU	241.9 mV	101.51 ft	400.00 ml/min
3/29/2021 1:10 PM	30:00	4.90 pH	21.91 °C	26.97 µS/cm	8.19 mg/L	4.62 NTU	238.3 mV	101.51 ft	400.00 ml/min
3/29/2021 1:15 PM	35:00	4.87 pH	21.77 °C	27.13 µS/cm	8.22 mg/L	3.12 NTU	291.3 mV	101.51 ft	400.00 ml/min
3/29/2021 1:20 PM	40:00	4.89 pH	21.82 °C	27.17 µS/cm	8.21 mg/L	2.45 NTU	235.4 mV	101.51 ft	400.00 ml/min
3/29/2021 1:25 PM	45:00	4.89 pH	21.78 °C	26.95 µS/cm	8.21 mg/L	1.92 NTU	231.8 mV	101.51 ft	400.00 ml/min
3/29/2021 1:30 PM	50:00	4.89 pH	21.87 °C	26.92 µS/cm	8.22 mg/L	1.50 NTU	229.6 mV	101.51 ft	400.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/30/2021 8:47:26 AM
Project: Crist CCR (3)
Operator Name: Trevor Braddock

Location Name: Mw-108 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 88 ft** **Total Depth: 98 ft** **Initial Depth to Water: 69.52 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 114 ft** **Estimated Total Volume Pumped: 24000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:
Cloudy 66 sample time 1000

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/30/2021 8:47 AM	00:00	5.00 pH	20.70 °C	40.53 µS/cm	8.08 mg/L	11.20 NTU	187.0 mV	69.52 ft	400.00 ml/min
3/30/2021 8:52 AM	05:00	4.78 pH	21.37 °C	37.68 µS/cm	7.95 mg/L	7.21 NTU	205.5 mV	69.52 ft	400.00 ml/min
3/30/2021 8:57 AM	10:00	4.79 pH	21.33 °C	37.33 µS/cm	7.94 mg/L	5.11 NTU	207.9 mV	69.52 ft	400.00 ml/min
3/30/2021 9:02 AM	15:00	4.80 pH	21.39 °C	37.31 µS/cm	7.89 mg/L	4.92 NTU	283.4 mV	69.52 ft	400.00 ml/min
3/30/2021 9:07 AM	20:00	4.80 pH	21.41 °C	37.41 µS/cm	7.91 mg/L	4.88 NTU	284.1 mV	69.52 ft	400.00 ml/min
3/30/2021 9:12 AM	25:00	4.80 pH	21.38 °C	37.24 µS/cm	7.90 mg/L	4.45 NTU	286.8 mV	69.52 ft	400.00 ml/min
3/30/2021 9:17 AM	30:00	4.80 pH	21.45 °C	37.22 µS/cm	7.90 mg/L	4.21 NTU	286.8 mV	69.52 ft	400.00 ml/min
3/30/2021 9:22 AM	35:00	4.79 pH	21.42 °C	37.17 µS/cm	7.91 mg/L	4.06 NTU	287.6 mV	69.52 ft	400.00 ml/min
3/30/2021 9:27 AM	40:00	4.80 pH	21.51 °C	36.98 µS/cm	7.88 mg/L	3.35 NTU	199.6 mV	69.52 ft	400.00 ml/min
3/30/2021 9:32 AM	45:00	4.81 pH	21.52 °C	37.02 µS/cm	7.87 mg/L	3.10 NTU	284.2 mV	69.52 ft	400.00 ml/min
3/30/2021 9:37 AM	50:00	4.80 pH	21.56 °C	37.06 µS/cm	7.90 mg/L	2.42 NTU	283.3 mV	69.52 ft	400.00 ml/min
3/30/2021 9:42 AM	55:00	4.81 pH	21.51 °C	36.97 µS/cm	7.87 mg/L	2.10 NTU	280.9 mV	69.52 ft	400.00 ml/min
3/30/2021 9:47 AM	01:00:00	4.80 pH	21.54 °C	36.99 µS/cm	7.89 mg/L	1.94 NTU	279.7 mV	69.52 ft	400.00 ml/min

Samples

Sample ID:	Description:

Product Name: Low-Flow System

Date: 2021-03-29 12:24:42

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	92 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.04 in
Depth to Water	56.36 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	12:08:49	300.03	20.41	4.96	31.58	1.01	56.40	8.80	115.74
Last 5	12:13:49	600.02	20.34	4.94	31.52	0.66	56.40	8.75	111.05
Last 5	12:18:49	900.03	20.35	4.93	31.55	0.57	56.40	8.73	108.45
Last 5	12:23:49	1200.02	20.38	4.93	31.55	0.49	56.40	8.75	106.58
Last 5									
Variance 0			-0.06	-0.02	-0.06			-0.05	-4.68
Variance 1			0.01	-0.01	0.03			-0.02	-2.60
Variance 2			0.03	-0.00	0.00			0.02	-1.87

Notes

Sample@1224, sunny 68

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-29 13:32:42

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	130 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	0.800245 L
Well Total Depth	123 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0 in
Depth to Water	90.84 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	13:11:39	300.03	23.93	5.48	32.79	2.17	90.85	1.43	142.53
Last 5	13:16:39	600.02	23.61	5.45	32.74	1.67	90.85	0.81	134.06
Last 5	13:21:39	900.03	23.69	5.46	32.80	1.31	90.85	0.65	128.33
Last 5	13:26:39	1200.02	23.70	5.46	32.78	1.23	90.84	0.56	124.81
Last 5	13:31:39	1500.02	23.52	5.46	32.72	1.05	90.84	0.50	121.82
Variance 0			0.08	0.00	0.06			-0.16	-5.73
Variance 1			0.02	0.00	-0.02			-0.09	-3.53
Variance 2			-0.18	0.01	-0.06			-0.06	-2.98

Notes

Sample@1332, sunny 71

Grab Samples

Product Name: Low-Flow System

Date: 2021-04-01 12:01:48

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	Crist CCR GYP	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	40 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	29 ft

Well Information:		Pumping Information:	
Well ID	MW-200	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.3985369 L
Well Total Depth	34 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.01 in
Depth to Water	18.20 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	11:40:29	900.02	20.06	5.08	712.21	1.04	18.21	1.64	88.59
Last 5	11:45:29	1200.02	19.81	5.11	707.47	1.09	18.21	1.65	87.81
Last 5	11:50:29	1500.03	20.05	5.11	704.37	0.95	18.21	1.61	87.41
Last 5	11:55:29	1800.03	20.22	5.07	711.14	0.72	18.21	1.51	87.62
Last 5	12:00:29	2100.03	19.95	5.06	713.12	0.53	18.21	1.49	87.45
Variance 0			0.24	-0.00	-3.10			-0.04	-0.40
Variance 1			0.17	-0.04	6.77			-0.10	0.21
Variance 2			-0.27	-0.01	1.98			-0.02	-0.17

Notes

Sample@1201, Sunny 60

Grab Samples

Product Name: Low-Flow System

Date: 2021-04-01 13:15:18

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	Crist CCR GYP	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	70 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	55 ft

Well Information:		Pumping Information:	
Well ID	MW-201	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5324396 L
Well Total Depth	60 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.2 in
Depth to Water	48.58 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	12:54:06	900.02	24.50	4.53	804.94	6.67	48.60	0.56	115.65
Last 5	12:59:06	1200.02	24.20	4.53	800.31	5.21	48.60	0.55	114.39
Last 5	13:04:06	1500.02	24.37	4.53	794.89	4.11	48.60	0.53	113.67
Last 5	13:09:06	1800.03	24.38	4.51	801.39	2.75	48.60	0.52	112.82
Last 5	13:14:06	2100.03	24.42	4.52	804.13	1.69	48.60	0.50	112.65
Variance 0			0.17	-0.00	-5.42			-0.02	-0.72
Variance 1			0.01	-0.01	6.51			-0.00	-0.85
Variance 2			0.04	0.00	2.73			-0.02	-0.18

Notes

Sample @1315, Sunny 60

Grab Samples

Low-Flow Test Report:

Test Date / Time: 4/1/2021 12:28:02 PM
Project: Crist CCR
Operator Name: Rick Hagendorfer

Location Name: MW-202 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 51.24 ft**	**Pump Type: QED** **Tubing Type: PE** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 28153.334 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:
FB-03 sample time 1311. Sunny and windy 55.

Weather Conditions:
Sunny 55 windy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
4/1/2021 12:28 PM	00:00	4.57 pH	19.75 °C	129.38 µS/cm	4.60 mg/L	51.60 NTU	113.6 mV	51.28 ft	400.00 ml/min
4/1/2021 12:33 PM	05:00	4.66 pH	20.97 °C	116.03 µS/cm	1.67 mg/L	31.90 NTU	111.4 mV	51.28 ft	400.00 ml/min
4/1/2021 12:38 PM	10:00	4.74 pH	20.95 °C	116.10 µS/cm	1.48 mg/L	25.70 NTU	96.2 mV	51.28 ft	400.00 ml/min
4/1/2021 12:43 PM	15:00	4.77 pH	20.95 °C	115.56 µS/cm	1.47 mg/L	20.10 NTU	76.0 mV	51.28 ft	400.00 ml/min
4/1/2021 12:48 PM	20:00	4.80 pH	21.09 °C	112.47 µS/cm	1.51 mg/L	13.40 NTU	76.9 mV	51.28 ft	400.00 ml/min
4/1/2021 12:53 PM	25:00	4.79 pH	20.95 °C	107.33 µS/cm	1.55 mg/L	7.62 NTU	79.3 mV	51.28 ft	400.00 ml/min
4/1/2021 12:58 PM	30:00	4.80 pH	20.94 °C	109.36 µS/cm	1.55 mg/L	5.92 NTU	81.5 mV	51.28 ft	400.00 ml/min
4/1/2021 1:03 PM	35:00	4.80 pH	20.84 °C	105.80 µS/cm	1.64 mg/L	4.66 NTU	84.9 mV	51.28 ft	400.00 ml/min
4/1/2021 1:08 PM	40:00	4.80 pH	20.91 °C	105.66 µS/cm	1.61 mg/L	4.14 NTU	87.6 mV	51.28 ft	400.00 ml/min
4/1/2021 1:13 PM	45:00	4.82 pH	20.86 °C	105.71 µS/cm	1.61 mg/L	2.86 NTU	123.5 mV	51.28 ft	400.00 ml/min
4/1/2021 1:18 PM	50:00	4.80 pH	20.82 °C	101.99 µS/cm	1.66 mg/L	2.39 NTU	92.1 mV	51.28 ft	400.00 ml/min
4/1/2021 1:23 PM	55:00	4.81 pH	20.83 °C	101.56 µS/cm	1.68 mg/L	2.32 NTU	92.7 mV	51.28 ft	400.00 ml/min
4/1/2021 1:28 PM	01:00:00	4.82 pH	20.82 °C	102.98 µS/cm	1.64 mg/L	1.68 NTU	93.0 mV	51.28 ft	400.00 ml/min

4/1/2021 1:31 PM	01:03:43	4.81 pH	20.91 °C	101.65 µS/cm	1.65 mg/L	1.65 NTU	130.3 mV	51.28 ft	400.00 ml/min
4/1/2021 1:33 PM	01:05:23	4.83 pH	20.91 °C	103.30 µS/cm	1.66 mg/L	1.19 NTU	130.7 mV	51.28 ft	400.00 ml/min
4/1/2021 1:38 PM	01:10:23	4.84 pH	21.09 °C	105.42 µS/cm	1.62 mg/L	1.14 NTU	133.7 mV	51.28 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-202	Sample time 1340. FB-03 sample time 1311. EB-03 sample time 1400.

Low-Flow Test Report:

Test Date / Time: 4/1/2021 1:24:45 PM
Project: Crist CCR (12)
Operator Name: Trevor Braddock

Location Name: Mw-203 **Well Diameter: 2 in** **Top of Screen: 53 ft** **Total Depth: 63 ft** **Initial Depth to Water: 44.92 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 58 ft** **Estimated Total Volume Pumped: 33680 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:
Sample time 1500

Weather Conditions:
Sunny 60

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
4/1/2021 1:24 PM	00:00	5.18 pH	19.81 °C	302.49 µS/cm	2.27 mg/L	11.80 NTU	167.2 mV	44.92 ft	400.00 ml/min
4/1/2021 1:29 PM	05:00	5.22 pH	20.47 °C	309.83 µS/cm	1.08 mg/L	12.11 NTU	173.7 mV	44.92 ft	400.00 ml/min
4/1/2021 1:34 PM	10:00	5.22 pH	20.53 °C	315.89 µS/cm	1.06 mg/L	14.75 NTU	106.9 mV	44.92 ft	400.00 ml/min
4/1/2021 1:39 PM	15:00	5.23 pH	20.68 °C	320.75 µS/cm	1.04 mg/L	15.98 NTU	98.0 mV	44.92 ft	400.00 ml/min
4/1/2021 1:44 PM	20:00	5.29 pH	20.66 °C	323.88 µS/cm	1.05 mg/L	16.90 NTU	91.0 mV	44.92 ft	400.00 ml/min
4/1/2021 1:49 PM	25:00	5.28 pH	20.71 °C	318.69 µS/cm	1.04 mg/L	14.27 NTU	88.3 mV	44.92 ft	400.00 ml/min
4/1/2021 1:54 PM	30:00	5.28 pH	20.64 °C	322.15 µS/cm	1.05 mg/L	12.07 NTU	117.1 mV	44.92 ft	400.00 ml/min
4/1/2021 1:59 PM	35:00	5.28 pH	20.65 °C	323.23 µS/cm	1.05 mg/L	9.53 NTU	86.6 mV	44.92 ft	400.00 ml/min
4/1/2021 2:04 PM	40:00	5.27 pH	20.58 °C	322.68 µS/cm	1.04 mg/L	8.52 NTU	114.3 mV	44.92 ft	400.00 ml/min
4/1/2021 2:09 PM	45:00	5.28 pH	20.59 °C	322.59 µS/cm	1.03 mg/L	6.99 NTU	114.9 mV	44.92 ft	400.00 ml/min
4/1/2021 2:14 PM	50:00	5.28 pH	20.62 °C	322.98 µS/cm	1.04 mg/L	5.96 NTU	84.3 mV	44.92 ft	400.00 ml/min
4/1/2021 2:19 PM	55:00	5.29 pH	20.75 °C	325.95 µS/cm	1.08 mg/L	5.72 NTU	82.6 mV	44.92 ft	400.00 ml/min
4/1/2021 2:24 PM	01:00:00	5.28 pH	20.84 °C	323.53 µS/cm	1.07 mg/L	4.63 NTU	108.8 mV	44.92 ft	400.00 ml/min

4/1/2021 2:29 PM	01:05:00	5.28 pH	20.71 °C	324.40 µS/cm	1.05 mg/L	4.12 NTU	82.5 mV	44.92 ft	400.00 ml/min
4/1/2021 2:34 PM	01:10:00	5.28 pH	20.75 °C	324.64 µS/cm	1.04 mg/L	3.80 NTU	107.3 mV	44.92 ft	400.00 ml/min
4/1/2021 2:39 PM	01:15:00	5.27 pH	20.87 °C	323.48 µS/cm	1.04 mg/L	3.32 NTU	82.1 mV	44.92 ft	400.00 ml/min
4/1/2021 2:44 PM	01:20:00	5.29 pH	20.83 °C	325.54 µS/cm	1.04 mg/L	3.02 NTU	80.4 mV	44.92 ft	400.00 ml/min
4/1/2021 2:45 PM	01:21:12	5.28 pH	20.77 °C	325.50 µS/cm	1.04 mg/L	2.97 NTU	98.9 mV	44.92 ft	400.00 ml/min
4/1/2021 2:46 PM	01:22:12	5.28 pH	20.84 °C	324.65 µS/cm	1.05 mg/L	2.89 NTU	78.8 mV	44.92 ft	400.00 ml/min
4/1/2021 2:47 PM	01:23:12	5.29 pH	20.79 °C	327.10 µS/cm	1.05 mg/L	2.22 NTU	75.7 mV	44.92 ft	400.00 ml/min
4/1/2021 2:48 PM	01:24:12	5.29 pH	20.79 °C	325.61 µS/cm	1.05 mg/L	1.89 NTU	74.1 mV	44.92 ft	400.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/1/2021 2:46:18 PM
Project: Crist CCR (2)
Operator Name: Rick Hagendorfer

Location Name: MW-204 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 13.06 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 12000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 2.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Sunny 60 windy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
4/1/2021 2:46 PM	00:00	4.36 pH	18.61 °C	995.30 µS/cm	7.27 mg/L	1.62 NTU	138.2 mV	13.06 ft	400.00 ml/min
4/1/2021 2:51 PM	05:00	4.30 pH	19.26 °C	1,021.8 µS/cm	0.26 mg/L	5.77 NTU	149.4 mV	14.72 ft	400.00 ml/min
4/1/2021 2:56 PM	10:00	4.30 pH	19.19 °C	1,027.6 µS/cm	0.19 mg/L	8.11 NTU	126.5 mV	14.91 ft	400.00 ml/min
4/1/2021 3:01 PM	15:00	4.31 pH	19.35 °C	1,022.3 µS/cm	0.16 mg/L	6.83 NTU	122.9 mV	15.00 ft	400.00 ml/min
4/1/2021 3:06 PM	20:00	4.31 pH	19.34 °C	1,022.6 µS/cm	0.15 mg/L	3.89 NTU	115.3 mV	15.06 ft	400.00 ml/min
4/1/2021 3:11 PM	25:00	4.31 pH	19.32 °C	1,021.0 µS/cm	0.14 mg/L	2.67 NTU	109.6 mV	15.07 ft	400.00 ml/min
4/1/2021 3:16 PM	30:00	4.31 pH	19.40 °C	1,019.6 µS/cm	0.14 mg/L	1.69 NTU	107.7 mV	15.09 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-204	Sample time 1520.

Low-Flow Test Report:

Test Date / Time: 4/1/2021 3:50:43 PM
Project: Crist CCR MW-205
Operator Name: Rick Hagendorfer

Location Name: MW-205 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 16.03 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 14000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Sunny 61. Windy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
4/1/2021 3:50 PM	00:00	5.35 pH	18.67 °C	112.30 µS/cm	7.06 mg/L	2.85 NTU	123.2 mV	16.03 ft	400.00 ml/min
4/1/2021 3:55 PM	05:00	4.96 pH	19.25 °C	161.51 µS/cm	2.02 mg/L	2.43 NTU	90.2 mV	16.05 ft	400.00 ml/min
4/1/2021 4:00 PM	10:00	4.89 pH	19.39 °C	287.27 µS/cm	1.93 mg/L	0.48 NTU	85.1 mV	16.05 ft	400.00 ml/min
4/1/2021 4:05 PM	15:00	4.85 pH	19.41 °C	338.83 µS/cm	1.81 mg/L	0.58 NTU	82.9 mV	16.05 ft	400.00 ml/min
4/1/2021 4:10 PM	20:00	4.83 pH	19.40 °C	362.39 µS/cm	1.85 mg/L	0.24 NTU	81.4 mV	16.05 ft	400.00 ml/min
4/1/2021 4:15 PM	25:00	4.83 pH	19.46 °C	386.12 µS/cm	1.81 mg/L	0.17 NTU	80.2 mV	16.05 ft	400.00 ml/min
4/1/2021 4:20 PM	30:00	4.82 pH	19.51 °C	384.60 µS/cm	1.81 mg/L	0.21 NTU	79.1 mV	16.05 ft	400.00 ml/min
4/1/2021 4:25 PM	35:00	4.80 pH	19.53 °C	403.13 µS/cm	1.74 mg/L	0.18 NTU	79.1 mV	16.05 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-205	Sample time 1428.

Product Name: Low-Flow System

Date: 2021-04-01 10:48:41

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	PP
Company Name	RDH	Tubing Type	PE
Project Name	Crist CCR GYP	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	45 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	33 ft

Well Information:		Pumping Information:	
Well ID	MW-206	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.290854 L
Well Total Depth	38 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.01 in
Depth to Water	26.89 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	10:26:23	300.02	19.89	4.57	2535.71	1.88	26.90	0.54	129.70
Last 5	10:31:23	600.02	19.95	4.59	2573.12	1.54	26.90	0.39	123.00
Last 5	10:36:23	900.02	20.12	4.59	2586.85	0.95	26.90	0.34	119.42
Last 5	10:41:23	1200.03	20.15	4.59	2596.64	0.76	26.90	0.30	116.80
Last 5	10:46:23	1500.03	20.30	4.59	2575.32	0.55	26.90	0.31	114.56
Variance 0			0.17	-0.00	13.73			-0.04	-3.58
Variance 1			0.04	0.00	9.79			-0.05	-2.62
Variance 2			0.15	0.00	-21.32			0.01	-2.24

Notes

Sample@1047,DUP04@0947 sunny 53

Grab Samples

Product Name: Low-Flow System

Date: 2021-04-02 09:52:10

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	PP
Company Name	RDH	Tubing Type	PE
Project Name	Crist Delineation	Tubing Diameter	.17 in
Site Name	Crist Delineation	Tubing Length	40 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	31 ft

Well Information:		Pumping Information:	
Well ID	PZ-200s	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.2685369 L
Well Total Depth	33.5 ft	Calculated Sample Rate	300 sec
Screen Length	5 ft	Stabilization Drawdown	0.05 in
Depth to Water	6.68 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	09:31:09	1200.02	18.25	4.67	499.23	0.28	6.73	1.73	27.74
Last 5	09:36:09	1500.02	18.36	4.69	528.42	0.25	6.73	1.65	29.16
Last 5	09:41:09	1800.03	18.43	4.69	543.00	0.20	6.73	1.64	30.45
Last 5	09:46:09	2100.02	18.55	4.69	561.01	0.21	6.73	1.61	31.77
Last 5	09:51:09	2400.02	18.55	4.70	552.24	0.17	6.73	1.63	31.89
Variance 0			0.07	0.00	14.58			-0.02	1.28
Variance 1			0.11	0.00	18.01			-0.02	1.32
Variance 2			0.00	0.00	-8.77			0.01	0.12

Notes

Sample@0951,Sunny 45

Grab Samples

Product Name: Low-Flow System

Date: 2021-04-02 11:43:52

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	PP
Company Name	RDH	Tubing Type	PE
Project Name	Crist Delineation	Tubing Diameter	.17 in
Site Name	Crist Delineation	Tubing Length	55 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	49.55 ft

Well Information:		Pumping Information:	
Well ID	GSA-2s	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.3354883 L
Well Total Depth	54.55 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.01 in
Depth to Water	22.22 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	11:27:14	300.03	20.06	4.20	1639.75	0.34	22.23	0.38	64.54
Last 5	11:32:14	600.02	20.32	4.20	1638.96	0.75	22.23	0.25	64.09
Last 5	11:37:14	900.02	20.47	4.20	1635.46	0.75	22.23	0.24	64.13
Last 5	11:42:14	1200.02	20.41	4.21	1564.47	0.88	22.23	0.27	63.87
Last 5									
Variance 0			0.25	0.00	-0.79			-0.12	-0.45
Variance 1			0.15	-0.00	-3.51			-0.01	0.04
Variance 2			-0.06	0.01	-70.99			0.03	-0.27

Notes

Sample@1143,FB-04@1130, Sunny 50

Grab Samples

Low-Flow Test Report:

Test Date / Time: 4/2/2021 1:07:46 PM
Project: Crist CCR (13)
Operator Name: Trevor Braddock

Location Name: PE-201D **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 178 ft** **Total Depth: 188 ft** **Initial Depth to Water: 44.72 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 183 ft** **Estimated Total Volume Pumped: 40000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:
Sample time 1450

Weather Conditions:
Sunn 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
4/2/2021 1:07 PM	00:00	6.79 pH	21.48 °C	116.82 µS/cm	0.71 mg/L	57.00 NTU	-140.7 mV	44.72 ft	400.00 ml/min
4/2/2021 1:12 PM	05:00	6.93 pH	21.95 °C	116.92 µS/cm	0.45 mg/L	52.00 NTU	-147.7 mV	44.72 ft	400.00 ml/min
4/2/2021 1:17 PM	10:00	6.99 pH	22.13 °C	114.80 µS/cm	0.40 mg/L	50.00 NTU	-145.4 mV	44.72 ft	400.00 ml/min
4/2/2021 1:22 PM	15:00	7.00 pH	22.04 °C	112.09 µS/cm	0.61 mg/L	48.00 NTU	-136.8 mV	44.72 ft	400.00 ml/min
4/2/2021 1:27 PM	20:00	6.96 pH	22.12 °C	102.08 µS/cm	0.32 mg/L	47.00 NTU	-128.5 mV	44.72 ft	400.00 ml/min
4/2/2021 1:32 PM	25:00	6.92 pH	22.13 °C	96.64 µS/cm	0.27 mg/L	43.00 NTU	-176.7 mV	44.72 ft	400.00 ml/min
4/2/2021 1:37 PM	30:00	6.87 pH	22.21 °C	92.00 µS/cm	0.26 mg/L	37.00 NTU	-113.7 mV	44.72 ft	400.00 ml/min
4/2/2021 1:42 PM	35:00	6.83 pH	22.09 °C	90.15 µS/cm	0.23 mg/L	32.50 NTU	-99.9 mV	44.72 ft	400.00 ml/min
4/2/2021 1:47 PM	40:00	6.80 pH	22.17 °C	89.70 µS/cm	0.22 mg/L	30.70 NTU	-104.3 mV	44.72 ft	400.00 ml/min
4/2/2021 1:52 PM	45:00	6.78 pH	22.17 °C	90.49 µS/cm	0.21 mg/L	29.90 NTU	-102.6 mV	44.72 ft	400.00 ml/min
4/2/2021 1:57 PM	50:00	6.78 pH	22.20 °C	90.72 µS/cm	0.20 mg/L	25.90 NTU	-152.6 mV	44.72 ft	400.00 ml/min
4/2/2021 2:02 PM	55:00	6.77 pH	22.16 °C	90.76 µS/cm	0.19 mg/L	22.60 NTU	-101.8 mV	44.72 ft	400.00 ml/min
4/2/2021 2:07 PM	01:00:00	6.77 pH	22.13 °C	90.62 µS/cm	0.18 mg/L	13.90 NTU	-100.9 mV	44.72 ft	400.00 ml/min

4/2/2021 2:12 PM	01:05:00	6.77 pH	22.22 °C	91.06 µS/cm	0.17 mg/L	12.90 NTU	-101.8 mV	44.72 ft	400.00 ml/min
4/2/2021 2:17 PM	01:10:00	6.78 pH	22.24 °C	91.31 µS/cm	0.17 mg/L	11.50 NTU	-102.8 mV	44.72 ft	400.00 ml/min
4/2/2021 2:22 PM	01:15:00	6.78 pH	22.13 °C	90.55 µS/cm	0.16 mg/L	10.90 NTU	-100.5 mV	44.72 ft	400.00 ml/min
4/2/2021 2:27 PM	01:20:00	6.77 pH	22.13 °C	90.09 µS/cm	0.15 mg/L	10.30 NTU	-98.4 mV	44.72 ft	400.00 ml/min
4/2/2021 2:32 PM	01:25:00	6.77 pH	22.20 °C	90.57 µS/cm	0.15 mg/L	7.71 NTU	-99.2 mV	44.72 ft	400.00 ml/min
4/2/2021 2:37 PM	01:30:00	6.78 pH	22.22 °C	90.70 µS/cm	0.14 mg/L	7.38 NTU	-99.6 mV	44.72 ft	400.00 ml/min
4/2/2021 2:42 PM	01:35:00	6.78 pH	22.24 °C	91.48 µS/cm	0.14 mg/L	7.34 NTU	-101.0 mV	44.72 ft	400.00 ml/min
4/2/2021 2:47 PM	01:40:00	6.79 pH	22.27 °C	91.70 µS/cm	0.13 mg/L	7.03 NTU	-101.6 mV	44.72 ft	400.00 ml/min

Samples

Sample ID:	Description:

Product Name: Low-Flow System

Date: 2021-04-02 10:43:49

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	PP
Company Name	RDH	Tubing Type	PE
Project Name	Crist Delineation	Tubing Diameter	.17 in
Site Name	Crist Delineation	Tubing Length	110 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	100.1 ft

Well Information:		Pumping Information:	
Well ID	MW-2032	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5809765 L
Well Total Depth	102.6 ft	Calculated Sample Rate	300 sec
Screen Length	5 ft	Stabilization Drawdown	13 in
Depth to Water	17.38 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	10:26:53	300.02	19.90	6.28	748.04	2.51	18.45	2.93	7.96
Last 5	10:31:53	600.02	20.09	6.30	745.35	0.61	18.51	2.84	8.30
Last 5	10:36:53	900.02	20.13	6.32	742.88	1.16	18.55	2.80	8.94
Last 5	10:41:53	1200.03	20.16	6.32	741.97	0.75	18.55	2.79	10.05
Last 5									
Variance 0			0.19	0.03	-2.69			-0.09	0.34
Variance 1			0.04	0.01	-2.47			-0.04	0.64
Variance 2			0.04	0.00	-0.91			-0.02	1.11

Notes

Sample@1043,DUP-05@0943, Sunny 48

Grab Samples

Product Name: Low-Flow System

Date: 2021-04-02 08:44:14

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	Crist Delineation	Tubing Diameter	.17 in
Site Name	Crist Delineation	Tubing Length	155 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	146.5 ft

Well Information:		Pumping Information:	
Well ID	PZ-200d	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.9118305 L
Well Total Depth	151.5 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0 in
Depth to Water	6.45 ft	Total Volume Pumped	18 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	08:22:27	1500.02	17.76	6.43	105.01	3.86	6.45	0.15	-71.87
Last 5	08:27:27	1800.02	17.91	6.42	105.03	3.79	6.45	0.14	-73.40
Last 5	08:32:27	2100.02	17.99	6.43	105.21	3.91	6.45	0.14	-73.24
Last 5	08:37:27	2400.02	18.05	6.43	104.99	3.96	6.45	0.12	-72.34
Last 5	08:42:27	2700.02	18.18	6.43	105.05	3.99	6.45	0.12	-70.94
Variance 0			0.08	0.00	0.18			0.00	0.17
Variance 1			0.06	-0.00	-0.22			-0.02	0.90
Variance 2			0.14	0.00	0.06			-0.00	1.40

Notes

Sample@0843, Sunny 44

Grab Samples

Low-Flow Test Report:

Test Date / Time: 4/2/2021 9:07:05 AM
Project: Smith CCR
Operator Name: Trevor braddock

Location Name: PZ-203D **Well Diameter: 2 in** **Screen Length: 5 ft** **Top of Screen: 197.3 ft** **Total Depth: 202.3 ft** **Initial Depth to Water: 8.81 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 199.8 ft** **Estimated Total Volume Pumped: 62000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:
SAMPLE time 1150

Weather Conditions:
Sunny 39

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
4/2/2021 9:07 AM	00:00	6.72 pH	15.93 °C	108.31 µS/cm	0.14 mg/L	914.00 NTU	-128.8 mV	8.81 ft	400.00 ml/min
4/2/2021 9:12 AM	05:00	6.82 pH	16.53 °C	105.12 µS/cm	0.12 mg/L	784.00 NTU	-117.6 mV	8.87 ft	400.00 ml/min
4/2/2021 9:17 AM	10:00	6.84 pH	16.61 °C	100.14 µS/cm	0.09 mg/L	968.00 NTU	-121.7 mV	8.87 ft	400.00 ml/min
4/2/2021 9:22 AM	15:00	6.86 pH	16.78 °C	97.79 µS/cm	0.06 mg/L	999.00 NTU	-128.3 mV	8.87 ft	400.00 ml/min
4/2/2021 9:27 AM	20:00	6.88 pH	16.96 °C	94.46 µS/cm	0.06 mg/L	999.00 NTU	-185.1 mV	8.87 ft	400.00 ml/min
4/2/2021 9:32 AM	25:00	6.91 pH	16.96 °C	92.68 µS/cm	0.07 mg/L	999.00 NTU	-132.6 mV	8.87 ft	400.00 ml/min
4/2/2021 9:37 AM	30:00	6.91 pH	16.93 °C	97.04 µS/cm	0.09 mg/L	427.00 NTU	-131.2 mV	8.87 ft	400.00 ml/min
4/2/2021 9:42 AM	35:00	7.02 pH	17.60 °C	96.19 µS/cm	0.12 mg/L	331.00 NTU	-124.7 mV	8.87 ft	400.00 ml/min
4/2/2021 9:47 AM	40:00	6.98 pH	17.90 °C	89.52 µS/cm	0.11 mg/L	302.00 NTU	-127.4 mV	8.87 ft	400.00 ml/min
4/2/2021 9:52 AM	45:00	6.91 pH	17.94 °C	85.67 µS/cm	0.12 mg/L	275.00 NTU	-129.2 mV	8.87 ft	400.00 ml/min
4/2/2021 9:57 AM	50:00	6.88 pH	17.99 °C	82.78 µS/cm	0.12 mg/L	236.00 NTU	-126.8 mV	8.87 ft	400.00 ml/min
4/2/2021 10:02 AM	55:00	6.85 pH	18.16 °C	81.82 µS/cm	0.14 mg/L	172.00 NTU	-122.6 mV	8.87 ft	400.00 ml/min
4/2/2021 10:07 AM	01:00:00	6.83 pH	18.08 °C	79.52 µS/cm	0.14 mg/L	116.00 NTU	-123.6 mV	8.87 ft	400.00 ml/min

4/2/2021 10:12 AM	01:05:00	6.82 pH	17.99 °C	78.86 µS/cm	0.14 mg/L	89.00 NTU	-121.9 mV	8.87 ft	400.00 ml/min
4/2/2021 10:17 AM	01:10:00	6.81 pH	18.07 °C	78.58 µS/cm	0.14 mg/L	60.00 NTU	-120.2 mV	8.87 ft	400.00 ml/min
4/2/2021 10:22 AM	01:15:00	6.81 pH	18.06 °C	77.82 µS/cm	0.14 mg/L	52.00 NTU	-115.7 mV	8.87 ft	400.00 ml/min
4/2/2021 10:27 AM	01:20:00	6.79 pH	18.16 °C	75.55 µS/cm	0.14 mg/L	41.60 NTU	-114.4 mV	8.87 ft	400.00 ml/min
4/2/2021 10:32 AM	01:25:00	6.76 pH	18.29 °C	74.20 µS/cm	0.13 mg/L	35.80 NTU	-115.1 mV	8.87 ft	400.00 ml/min
4/2/2021 10:37 AM	01:30:00	6.74 pH	18.43 °C	72.66 µS/cm	0.13 mg/L	30.10 NTU	-114.4 mV	8.87 ft	400.00 ml/min
4/2/2021 10:42 AM	01:35:00	6.72 pH	18.49 °C	71.13 µS/cm	0.13 mg/L	26.20 NTU	-111.8 mV	8.87 ft	400.00 ml/min
4/2/2021 10:47 AM	01:40:00	6.71 pH	18.48 °C	72.12 µS/cm	0.12 mg/L	22.60 NTU	-112.8 mV	8.87 ft	400.00 ml/min
4/2/2021 10:52 AM	01:45:00	6.71 pH	18.74 °C	72.40 µS/cm	0.12 mg/L	20.60 NTU	-112.3 mV	8.87 ft	400.00 ml/min
4/2/2021 10:57 AM	01:50:00	6.70 pH	18.81 °C	72.65 µS/cm	0.12 mg/L	19.40 NTU	-112.1 mV	8.87 ft	400.00 ml/min
4/2/2021 11:02 AM	01:55:00	6.71 pH	18.70 °C	72.29 µS/cm	0.11 mg/L	18.00 NTU	-111.0 mV	8.87 ft	400.00 ml/min
4/2/2021 11:07 AM	02:00:00	6.70 pH	18.84 °C	71.66 µS/cm	0.11 mg/L	15.80 NTU	-111.3 mV	8.87 ft	400.00 ml/min
4/2/2021 11:12 AM	02:05:00	6.70 pH	18.88 °C	71.89 µS/cm	0.10 mg/L	14.70 NTU	-111.0 mV	8.87 ft	400.00 ml/min
4/2/2021 11:17 AM	02:10:00	6.69 pH	18.96 °C	71.21 µS/cm	0.10 mg/L	13.00 NTU	-109.9 mV	8.87 ft	400.00 ml/min
4/2/2021 11:22 AM	02:15:00	6.68 pH	19.06 °C	70.27 µS/cm	0.10 mg/L	13.12 NTU	-109.5 mV	8.87 ft	400.00 ml/min
4/2/2021 11:27 AM	02:20:00	6.68 pH	19.06 °C	70.83 µS/cm	0.10 mg/L	12.72 NTU	-109.6 mV	8.87 ft	400.00 ml/min
4/2/2021 11:32 AM	02:25:00	6.68 pH	19.19 °C	71.75 µS/cm	0.10 mg/L	12.80 NTU	-110.1 mV	8.87 ft	400.00 ml/min
4/2/2021 11:37 AM	02:30:00	6.68 pH	19.28 °C	70.52 µS/cm	0.09 mg/L	12.50 NTU	-110.4 mV	8.87 ft	400.00 ml/min
4/2/2021 11:42 AM	02:35:00	6.67 pH	19.28 °C	69.60 µS/cm	0.09 mg/L	12.70 NTU	-105.7 mV	8.87 ft	400.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/2/2021 9:21:46 AM
Project: Crist CCR
Operator Name: Brett Surles

Location Name: MW-100 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 109 ft** **Total Depth: 119 ft** **Initial Depth to Water: 88.85 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 111 ft** **Estimated Total Volume Pumped: 16 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.05 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 5 %	+/- 10	+/- 10	+/- 0.2	
9/2/2021 9:21 AM	00:00	5.53 pH	25.90 °C	43.70 µS/cm	6.82 mg/L	11.40 NTU	87.3 mV	88.90 in	400.00 ml/min
9/2/2021 9:26 AM	05:00	4.84 pH	24.47 °C	44.63 µS/cm	8.20 mg/L	2.02 NTU	86.0 mV	88.90 in	400.00 ml/min
9/2/2021 9:31 AM	10:00	4.83 pH	24.73 °C	43.87 µS/cm	8.15 mg/L	5.53 NTU	85.9 mV	88.90 in	400.00 ml/min
9/2/2021 9:36 AM	15:00	4.81 pH	24.76 °C	44.16 µS/cm	8.08 mg/L	2.85 NTU	88.4 mV	88.90 in	400.00 ml/min
9/2/2021 9:41 AM	20:00	4.82 pH	24.81 °C	44.05 µS/cm	8.13 mg/L	2.11 NTU	90.7 mV	88.90 in	400.00 ml/min
9/2/2021 9:46 AM	25:00	4.81 pH	24.90 °C	43.93 µS/cm	8.15 mg/L	1.44 NTU	92.8 mV	88.90 in	400.00 ml/min

Samples

Sample ID:	Description:
MW-100	Sample@0948, Sunny 80

Low-Flow Test Report:

Test Date / Time: 9/2/2021 8:00:26 AM
Project: Crist Plant CCR
Operator Name: Brett Surles

Location Name: Crist Plant MW-101 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 108 ft** **Total Depth: 118 ft** **Initial Depth to Water: 94.65 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 113 ft** **Estimated Total Volume Pumped: 18000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.03 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 2	
9/2/2021 8:00 AM	00:00	5.91 pH	22.50 °C	30.62 µS/cm	9.13 mg/L	3.22 NTU	76.9 mV	94.68 in	400.00 ml/min
9/2/2021 8:05 AM	05:00	5.61 pH	24.26 °C	31.31 µS/cm	9.17 mg/L	2.43 NTU	53.1 mV	94.68 in	400.00 ml/min
9/2/2021 8:10 AM	10:00	5.52 pH	24.65 °C	30.31 µS/cm	9.07 mg/L	1.24 NTU	51.1 mV	94.68 in	400.00 ml/min
9/2/2021 8:15 AM	15:00	5.46 pH	24.72 °C	29.15 µS/cm	9.08 mg/L	1.01 NTU	51.1 mV	94.68 in	400.00 ml/min
9/2/2021 8:20 AM	20:00	5.41 pH	24.73 °C	28.34 µS/cm	9.04 mg/L	0.95 NTU	52.2 mV	94.68 in	400.00 ml/min
9/2/2021 8:25 AM	25:00	5.37 pH	24.86 °C	27.62 µS/cm	9.06 mg/L	0.73 NTU	53.8 mV	94.68 in	400.00 ml/min
9/2/2021 8:30 AM	30:00	5.32 pH	24.90 °C	26.95 µS/cm	9.05 mg/L	0.78 NTU	54.7 mV	94.68 in	400.00 ml/min
9/2/2021 8:35 AM	35:00	5.24 pH	24.91 °C	26.22 µS/cm	8.96 mg/L	0.81 NTU	58.1 mV	94.68 in	400.00 ml/min
9/2/2021 8:40 AM	40:00	5.12 pH	24.90 °C	25.65 µS/cm	9.05 mg/L	0.69 NTU	62.8 mV	94.68 in	400.00 ml/min
9/2/2021 8:45 AM	45:00	5.07 pH	24.86 °C	25.31 µS/cm	9.06 mg/L	0.66 NTU	66.0 mV	94.68 in	400.00 ml/min

Samples

Sample ID:	Description:
MW-101	Sample@0848 sunny 74

Low-Flow Test Report:

Test Date / Time: 9/2/2021 11:08:40 AM
Project: Crist Plant CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-107 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 113.7 ft** **Total Depth: 123.7 ft** **Initial Depth to Water: 100.05 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 118.7 ft** **Estimated Total Volume Pumped: 16000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1155. Sunny 88.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/2/2021 11:08 AM	00:00	5.05 pH	27.50 °C	27.16 µS/cm	8.74 mg/L	5.88 NTU	245.5 mV	100.12 ft	400.00 ml/min
9/2/2021 11:13 AM	05:00	4.96 pH	23.73 °C	27.13 µS/cm	8.99 mg/L	5.14 NTU	253.6 mV	100.12 ft	400.00 ml/min
9/2/2021 11:18 AM	10:00	4.90 pH	23.16 °C	27.38 µS/cm	9.03 mg/L	2.36 NTU	251.7 mV	100.12 ft	400.00 ml/min
9/2/2021 11:23 AM	15:00	4.88 pH	23.26 °C	27.31 µS/cm	8.97 mg/L	1.22 NTU	253.5 mV	100.12 ft	400.00 ml/min
9/2/2021 11:28 AM	20:00	4.87 pH	22.99 °C	27.31 µS/cm	8.95 mg/L	0.78 NTU	255.7 mV	100.12 ft	400.00 ml/min
9/2/2021 11:33 AM	25:00	4.87 pH	23.37 °C	27.47 µS/cm	8.94 mg/L	0.60 NTU	257.4 mV	100.12 ft	400.00 ml/min
9/2/2021 11:38 AM	30:00	4.87 pH	23.09 °C	27.34 µS/cm	8.90 mg/L	0.51 NTU	258.8 mV	100.12 ft	400.00 ml/min
9/2/2021 11:43 AM	35:00	4.87 pH	23.04 °C	27.27 µS/cm	8.85 mg/L	0.48 NTU	260.4 mV	100.12 ft	400.00 ml/min
9/2/2021 11:48 AM	40:00	4.87 pH	23.23 °C	27.21 µS/cm	8.79 mg/L	0.45 NTU	261.7 mV	100.12 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-107	

Low-Flow Test Report:

Test Date / Time: 9/2/2021 8:49:42 AM
Project: Crist plant CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-108 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 87.9 ft** **Total Depth: 97.9 ft** **Initial Depth to Water: 67.85 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 92.9 ft** **Estimated Total Volume Pumped: 24000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.6 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 0955. Sunny 85. DUP-01@ fake time 0855

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 5	
9/2/2021 8:49 AM	00:00	8.38 pH	24.50 °C	54.93 µS/cm	7.24 mg/L	1.19 NTU	108.8 mV	67.90 cm	400.00 ml/min
9/2/2021 8:54 AM	05:00	6.36 pH	22.35 °C	33.82 µS/cm	8.04 mg/L	0.84 NTU	106.4 mV	67.90 cm	400.00 ml/min
9/2/2021 8:59 AM	10:00	5.26 pH	22.21 °C	34.63 µS/cm	8.15 mg/L	0.42 NTU	126.6 mV	67.90 cm	400.00 ml/min
9/2/2021 9:04 AM	15:00	4.93 pH	22.14 °C	34.78 µS/cm	8.14 mg/L	0.30 NTU	150.3 mV	67.90 cm	400.00 ml/min
9/2/2021 9:09 AM	20:00	4.82 pH	22.19 °C	35.31 µS/cm	8.13 mg/L	0.32 NTU	171.1 mV	67.90 cm	400.00 ml/min
9/2/2021 9:14 AM	25:00	4.79 pH	22.19 °C	35.84 µS/cm	8.11 mg/L	0.30 NTU	188.0 mV	67.90 cm	400.00 ml/min
9/2/2021 9:19 AM	30:00	4.78 pH	22.17 °C	36.63 µS/cm	8.10 mg/L	0.30 NTU	201.0 mV	67.90 cm	400.00 ml/min
9/2/2021 9:24 AM	35:00	4.77 pH	22.07 °C	36.83 µS/cm	8.11 mg/L	0.28 NTU	211.4 mV	67.90 cm	400.00 ml/min
9/2/2021 9:29 AM	40:00	4.77 pH	22.13 °C	36.84 µS/cm	8.14 mg/L	0.28 NTU	219.9 mV	67.90 cm	400.00 ml/min
9/2/2021 9:34 AM	45:00	4.77 pH	22.12 °C	36.81 µS/cm	8.14 mg/L	0.35 NTU	226.8 mV	67.90 cm	400.00 ml/min
9/2/2021 9:39 AM	50:00	4.77 pH	22.12 °C	36.84 µS/cm	8.12 mg/L	0.32 NTU	232.5 mV	67.90 cm	400.00 ml/min
9/2/2021 9:44 AM	55:00	4.77 pH	22.17 °C	36.86 µS/cm	8.17 mg/L	0.32 NTU	237.6 mV	67.90 cm	400.00 ml/min
9/2/2021 9:49 AM	01:00:00	4.77 pH	22.10 °C	36.80 µS/cm	8.19 mg/L	0.29 NTU	241.8 mV	67.90 cm	400.00 ml/min

Samples

Sample ID:	Description:
MW-108	

Low-Flow Test Report:

Test Date / Time: 9/2/2021 1:13:42 PM
Project: Crist Plant CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-306 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 83 ft** **Total Depth: 93.2 ft** **Initial Depth to Water: 54.65 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 88 ft** **Estimated Total Volume Pumped: 28000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1430. Sunny 90.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/2/2021 1:13 PM	00:00	5.43 pH	23.60 °C	32.45 µS/cm	8.82 mg/L	2.94 NTU	86.6 mV	54.72 ft	400.00 ml/min
9/2/2021 1:18 PM	05:00	5.11 pH	23.17 °C	31.68 µS/cm	8.74 mg/L	2.70 NTU	103.7 mV	54.72 ft	400.00 ml/min
9/2/2021 1:23 PM	10:00	5.02 pH	22.95 °C	31.33 µS/cm	8.73 mg/L	2.55 NTU	123.2 mV	54.72 ft	400.00 ml/min
9/2/2021 1:28 PM	15:00	5.00 pH	23.11 °C	31.08 µS/cm	8.69 mg/L	2.43 NTU	141.8 mV	54.72 ft	400.00 ml/min
9/2/2021 1:33 PM	20:00	4.98 pH	23.33 °C	30.93 µS/cm	8.67 mg/L	2.12 NTU	158.7 mV	54.72 ft	400.00 ml/min
9/2/2021 1:38 PM	25:00	4.97 pH	23.16 °C	30.75 µS/cm	8.62 mg/L	1.98 NTU	172.4 mV	54.72 ft	400.00 ml/min
9/2/2021 1:43 PM	30:00	4.96 pH	22.97 °C	30.68 µS/cm	8.63 mg/L	1.75 NTU	183.1 mV	54.72 ft	400.00 ml/min
9/2/2021 1:48 PM	35:00	4.95 pH	23.11 °C	30.80 µS/cm	8.63 mg/L	1.59 NTU	192.2 mV	54.72 ft	400.00 ml/min
9/2/2021 1:53 PM	40:00	4.95 pH	23.19 °C	30.71 µS/cm	8.56 mg/L	1.38 NTU	200.1 mV	54.72 ft	400.00 ml/min
9/2/2021 1:58 PM	45:00	4.94 pH	23.28 °C	30.66 µS/cm	8.53 mg/L	1.31 NTU	206.8 mV	54.72 ft	400.00 ml/min
9/2/2021 2:03 PM	50:00	4.95 pH	23.51 °C	30.71 µS/cm	8.52 mg/L	1.20 NTU	211.8 mV	54.72 ft	400.00 ml/min
9/2/2021 2:08 PM	55:00	4.95 pH	23.31 °C	30.57 µS/cm	8.52 mg/L	1.16 NTU	216.4 mV	54.72 ft	400.00 ml/min
9/2/2021 2:13 PM	01:00:00	4.94 pH	23.06 °C	30.47 µS/cm	8.49 mg/L	1.12 NTU	220.4 mV	54.72 ft	400.00 ml/min
9/2/2021 2:18 PM	01:05:00	4.94 pH	23.06 °C	30.53 µS/cm	8.48 mg/L	1.06 NTU	224.1 mV	54.72 ft	400.00 ml/min
9/2/2021 2:23 PM	01:10:00	4.94 pH	22.98 °C	30.52 µS/cm	8.48 mg/L	1.05 NTU	227.1 mV	54.72 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-306	

Low-Flow Test Report:

Test Date / Time: 9/2/2021 11:21:22 AM
Project: Crist CCR
Operator Name: Brett Surles

Location Name: Crist CCR **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 113 ft** **Total Depth: 123 ft** **Initial Depth to Water: 89.1 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 116 ft** **Estimated Total Volume Pumped: 26 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.04 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/2/2021 11:21 AM	00:00	5.47 pH	28.46 °C	66.39 µS/cm	4.23 mg/L	8.41 NTU	163.0 mV	89.14 in	400.00 ml/min
9/2/2021 11:26 AM	05:00	5.11 pH	24.35 °C	34.76 µS/cm	1.70 mg/L	6.73 NTU	132.1 mV	89.14 in	400.00 ml/min
9/2/2021 11:31 AM	10:00	5.14 pH	25.99 °C	34.32 µS/cm	1.53 mg/L	6.77 NTU	123.3 mV	89.14 in	400.00 ml/min
9/2/2021 11:36 AM	15:00	5.15 pH	26.17 °C	34.14 µS/cm	1.54 mg/L	6.13 NTU	120.0 mV	89.14 in	400.00 ml/min
9/2/2021 11:41 AM	20:00	5.19 pH	26.04 °C	34.20 µS/cm	2.46 mg/L	4.98 NTU	119.4 mV	89.14 in	400.00 ml/min
9/2/2021 11:46 AM	25:00	5.21 pH	26.17 °C	33.99 µS/cm	4.07 mg/L	3.33 NTU	115.5 mV	89.14 in	400.00 ml/min
9/2/2021 11:51 AM	30:00	5.81 pH	26.25 °C	0.00 µS/cm	5.16 mg/L	3.04 NTU	122.0 mV	89.14 in	400.00 ml/min
9/2/2021 11:56 AM	35:00	5.18 pH	26.08 °C	33.18 µS/cm	5.40 mg/L	2.77 NTU	115.0 mV	89.14 in	400.00 ml/min
9/2/2021 12:01 PM	40:00	5.15 pH	26.18 °C	32.46 µS/cm	6.03 mg/L	1.91 NTU	116.6 mV	89.14 in	400.00 ml/min
9/2/2021 12:06 PM	45:00	5.15 pH	26.19 °C	32.78 µS/cm	6.29 mg/L	1.32 NTU	122.8 mV	89.14 in	400.00 ml/min
9/2/2021 12:11 PM	50:00	5.14 pH	26.24 °C	32.47 µS/cm	6.44 mg/L	1.02 NTU	122.1 mV	89.14 in	400.00 ml/min
9/2/2021 12:16 PM	55:00	5.14 pH	26.31 °C	32.42 µS/cm	6.53 mg/L	0.93 NTU	124.7 mV	89.14 in	400.00 ml/min
9/2/2021 12:21 PM	01:00:00	5.16 pH	26.42 °C	32.60 µS/cm	6.53 mg/L	0.84 NTU	126.8 mV	89.14 in	400.00 ml/min

Samples

Sample ID:	Description:
MW-307	Sample @1222, Cloudy 84

Low-Flow Test Report:

Test Date / Time: 9/8/2021 8:15:54 AM
Project: GCEC
Operator Name: Philip Evans

Location Name: GCEC MW-200 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 23.5 ft** **Total Depth: 33.5 ft** **Initial Depth to Water: 16.35 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 28.5 ft** **Estimated Total Volume Pumped: 16000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 0900. Cloudy 84. DUP-04@ fake time 0800. FB-02@ 0905.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 8:15 AM	00:00	5.29 pH	24.41 °C	254.67 µS/cm	6.19 mg/L	2.02 NTU	122.9 mV	16.42 ft	400.00 ml/min
9/8/2021 8:20 AM	05:00	5.64 pH	22.80 °C	363.17 µS/cm	4.90 mg/L	1.77 NTU	126.6 mV	16.42 ft	400.00 ml/min
9/8/2021 8:25 AM	10:00	5.30 pH	22.53 °C	507.12 µS/cm	2.90 mg/L	1.68 NTU	138.8 mV	16.42 ft	400.00 ml/min
9/8/2021 8:30 AM	15:00	5.26 pH	22.37 °C	560.60 µS/cm	2.59 mg/L	1.43 NTU	144.3 mV	16.42 ft	400.00 ml/min
9/8/2021 8:35 AM	20:00	5.24 pH	22.30 °C	574.32 µS/cm	2.42 mg/L	1.37 NTU	149.4 mV	16.42 ft	400.00 ml/min
9/8/2021 8:40 AM	25:00	5.23 pH	22.29 °C	576.61 µS/cm	2.25 mg/L	1.35 NTU	153.6 mV	16.42 ft	400.00 ml/min
9/8/2021 8:45 AM	30:00	5.22 pH	22.28 °C	578.09 µS/cm	2.10 mg/L	1.31 NTU	158.2 mV	16.42 ft	400.00 ml/min
9/8/2021 8:50 AM	35:00	5.22 pH	22.26 °C	573.97 µS/cm	2.01 mg/L	1.30 NTU	161.6 mV	16.42 ft	400.00 ml/min
9/8/2021 8:55 AM	40:00	5.21 pH	22.25 °C	569.69 µS/cm	1.96 mg/L	1.28 NTU	165.1 mV	16.42 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-200	Sample time @ 0900. Cloudy 84. DUP-04@ fake time 0800. FB-02@ 0905.

Low-Flow Test Report:

Test Date / Time: 9/8/2021 7:36:28 AM
Project: GCEC CCR
Operator Name: Brett

Location Name: GCEC MW-201 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 47.53 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 18 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.07 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
RAiny 74

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 7:36 AM	00:00	4.73 pH	24.37 °C	751.50 µS/cm	1.40 mg/L	91.60 NTU	132.6 mV	47.60 in	400.00 ml/min
9/8/2021 7:41 AM	05:00	4.68 pH	24.92 °C	758.93 µS/cm	0.71 mg/L	63.30 NTU	128.7 mV	47.60 in	400.00 ml/min
9/8/2021 7:46 AM	10:00	4.67 pH	26.53 °C	738.81 µS/cm	0.58 mg/L	30.00 NTU	127.0 mV	47.60 in	400.00 ml/min
9/8/2021 7:51 AM	15:00	4.66 pH	27.13 °C	728.58 µS/cm	0.52 mg/L	24.80 NTU	125.9 mV	47.60 in	400.00 ml/min
9/8/2021 7:56 AM	20:00	4.65 pH	27.36 °C	731.26 µS/cm	0.49 mg/L	15.50 NTU	125.2 mV	47.60 in	400.00 ml/min
9/8/2021 8:01 AM	25:00	4.64 pH	27.41 °C	731.08 µS/cm	0.49 mg/L	8.44 NTU	124.7 mV	47.60 in	400.00 ml/min
9/8/2021 8:06 AM	30:00	4.64 pH	27.33 °C	724.82 µS/cm	0.48 mg/L	5.59 NTU	124.9 mV	47.60 in	400.00 ml/min
9/8/2021 8:11 AM	35:00	4.63 pH	27.43 °C	719.75 µS/cm	0.48 mg/L	5.11 NTU	124.6 mV	47.60 in	400.00 ml/min
9/8/2021 8:16 AM	40:00	4.63 pH	27.59 °C	718.23 µS/cm	0.47 mg/L	3.79 NTU	124.5 mV	47.60 in	400.00 ml/min
9/8/2021 8:21 AM	45:00	4.63 pH	27.50 °C	717.52 µS/cm	0.47 mg/L	3.50 NTU	124.8 mV	47.60 in	400.00 ml/min

Samples

Sample ID:	Description:

MW-201	Sample @0822, EB-02@0830, Rainy 75

Low-Flow Test Report:

Test Date / Time: 9/8/2021 9:00:36 AM
Project: GCEC CCR
Operator Name: Brett Surles

Location Name: GCEC MW202 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 50.5 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.01 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Rainy 75

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 9:00 AM	00:00	4.93 pH	23.86 °C	95.70 µS/cm	0.66 mg/L	78.00 NTU	75.3 mV	50.51 in	400.00 ml/min
9/8/2021 9:05 AM	05:00	4.73 pH	25.39 °C	88.35 µS/cm	0.97 mg/L	14.20 NTU	77.6 mV	50.51 in	400.00 ml/min
9/8/2021 9:10 AM	10:00	4.69 pH	25.93 °C	84.44 µS/cm	1.22 mg/L	8.24 NTU	81.2 mV	50.51 in	400.00 ml/min
9/8/2021 9:15 AM	15:00	4.68 pH	26.14 °C	83.18 µS/cm	1.33 mg/L	6.53 NTU	83.5 mV	50.51 in	400.00 ml/min
9/8/2021 9:20 AM	20:00	4.69 pH	26.23 °C	83.08 µS/cm	1.38 mg/L	5.43 NTU	85.6 mV	50.51 in	400.00 ml/min
9/8/2021 9:25 AM	25:00	4.69 pH	26.31 °C	83.38 µS/cm	1.43 mg/L	5.15 NTU	87.8 mV	50.51 in	400.00 ml/min
9/8/2021 9:30 AM	30:00	4.70 pH	26.40 °C	84.13 µS/cm	1.41 mg/L	4.84 NTU	90.1 mV	50.51 in	400.00 ml/min

Samples

Sample ID:	Description:
MW-202	Sample @0931, rainy 75

Low-Flow Test Report:

Test Date / Time: 9/8/2021 9:57:03 AM
Project: GCEC CCR
Operator Name: Brett Surles

Location Name: GCEC MW-203 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 53 ft** **Total Depth: 63 ft** **Initial Depth to Water: 43.95 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 58 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.03 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Rainy 75

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 9:57 AM	00:00	4.89 pH	24.49 °C	245.70 µS/cm	1.31 mg/L	40.60 NTU	108.6 mV	43.99 in	400.00 ml/min
9/8/2021 10:02 AM	05:00	5.20 pH	25.09 °C	269.08 µS/cm	1.14 mg/L	22.10 NTU	110.1 mV	43.99 in	400.00 ml/min
9/8/2021 10:07 AM	10:00	5.27 pH	25.52 °C	281.21 µS/cm	1.02 mg/L	13.70 NTU	114.8 mV	43.99 in	400.00 ml/min
9/8/2021 10:12 AM	15:00	5.28 pH	25.63 °C	284.46 µS/cm	0.97 mg/L	6.97 NTU	115.7 mV	43.99 in	400.00 ml/min
9/8/2021 10:17 AM	20:00	5.27 pH	25.72 °C	283.39 µS/cm	0.95 mg/L	5.00 NTU	115.3 mV	43.99 in	400.00 ml/min
9/8/2021 10:22 AM	25:00	5.33 pH	25.80 °C	285.41 µS/cm	0.92 mg/L	5.15 NTU	116.2 mV	43.99 in	400.00 ml/min
9/8/2021 10:27 AM	30:00	5.30 pH	25.85 °C	287.06 µS/cm	0.92 mg/L	4.88 NTU	115.4 mV	43.99 in	400.00 ml/min

Samples

Sample ID:	Description:
MW-203	Sample@1028, Cloudy 79

Low-Flow Test Report:

Test Date / Time: 9/8/2021 10:54:34 AM
Project: GCEC
Operator Name: Philip Evans

Location Name: GCEC MW-204 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 12.3 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 12000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1130. Pc 88. FB-03@ 1135.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 10:54 AM	00:00	4.33 pH	24.70 °C	929.34 µS/cm	0.29 mg/L	1.80 NTU	253.5 mV	12.38 ft	400.00 ml/min
9/8/2021 10:59 AM	05:00	4.30 pH	24.95 °C	929.95 µS/cm	0.23 mg/L	1.56 NTU	262.2 mV	12.38 ft	400.00 ml/min
9/8/2021 11:04 AM	10:00	4.29 pH	24.42 °C	932.41 µS/cm	0.19 mg/L	1.24 NTU	268.5 mV	12.38 ft	400.00 ml/min
9/8/2021 11:09 AM	15:00	4.29 pH	24.23 °C	933.45 µS/cm	0.16 mg/L	1.06 NTU	273.1 mV	12.38 ft	400.00 ml/min
9/8/2021 11:14 AM	20:00	4.29 pH	24.12 °C	944.86 µS/cm	0.16 mg/L	1.02 NTU	276.8 mV	12.38 ft	400.00 ml/min
9/8/2021 11:19 AM	25:00	4.29 pH	23.96 °C	947.36 µS/cm	0.15 mg/L	0.90 NTU	279.7 mV	12.38 ft	400.00 ml/min
9/8/2021 11:24 AM	30:00	4.29 pH	23.93 °C	943.41 µS/cm	0.16 mg/L	0.88 NTU	282.0 mV	12.38 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-204	Sample time @ 1130. Pc 88. FB-03@ 1135.

Low-Flow Test Report:

Test Date / Time: 9/8/2021 12:07:11 PM
Project: GCEC
Operator Name: Philip Evans

Location Name: GCEC MW-205 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 22.8 ft** **Total Depth: 32.8 ft** **Initial Depth to Water: 15.42 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 27.8 ft** **Estimated Total Volume Pumped: 14000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1250. Pc 88. EB-03@ 1205.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 12:07 PM	00:00	4.68 pH	26.48 °C	72.20 µS/cm	4.59 mg/L	0.81 NTU	225.8 mV	15.45 ft	400.00 ml/min
9/8/2021 12:12 PM	05:00	4.77 pH	22.62 °C	81.00 µS/cm	3.82 mg/L	0.72 NTU	223.9 mV	15.45 ft	400.00 ml/min
9/8/2021 12:17 PM	10:00	4.76 pH	22.47 °C	107.72 µS/cm	2.91 mg/L	0.48 NTU	228.9 mV	15.45 ft	400.00 ml/min
9/8/2021 12:22 PM	15:00	4.76 pH	22.36 °C	138.26 µS/cm	2.61 mg/L	0.38 NTU	232.8 mV	15.45 ft	400.00 ml/min
9/8/2021 12:27 PM	20:00	4.78 pH	22.26 °C	154.41 µS/cm	2.51 mg/L	0.32 NTU	235.5 mV	15.45 ft	400.00 ml/min
9/8/2021 12:32 PM	25:00	4.77 pH	22.26 °C	165.74 µS/cm	2.46 mg/L	0.31 NTU	238.2 mV	15.45 ft	400.00 ml/min
9/8/2021 12:37 PM	30:00	4.78 pH	22.31 °C	171.09 µS/cm	2.42 mg/L	0.28 NTU	239.9 mV	15.45 ft	400.00 ml/min
9/8/2021 12:42 PM	35:00	4.78 pH	22.38 °C	173.10 µS/cm	2.42 mg/L	0.30 NTU	241.3 mV	15.45 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-205	Sample time @ 1250. Pc 88. EB-03@ 1205.

Low-Flow Test Report:

Test Date / Time: 9/8/2021 9:35:49 AM
Project: GCEC
Operator Name: Philip Evans

Location Name: GCEC MW-206 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 28 ft** **Total Depth: 38 ft** **Initial Depth to Water: 25.26 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 33 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1000. Pc 84.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 9:35 AM	00:00	5.28 pH	24.55 °C	206.23 µS/cm	0.90 mg/L	0.84 NTU	179.4 mV	25.30 ft	400.00 ml/min
9/8/2021 9:40 AM	05:00	4.74 pH	23.15 °C	1,730.1 µS/cm	0.19 mg/L	0.70 NTU	216.0 mV	25.30 ft	400.00 ml/min
9/8/2021 9:45 AM	10:00	4.76 pH	23.09 °C	1,772.2 µS/cm	0.14 mg/L	0.56 NTU	218.5 mV	25.30 ft	400.00 ml/min
9/8/2021 9:50 AM	15:00	4.77 pH	23.07 °C	1,769.3 µS/cm	0.12 mg/L	0.52 NTU	221.1 mV	25.30 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-206	Sample time @ 1000. Pc 84.

Low-Flow Test Report:

Test Date / Time: 9/9/2021 12:02:38 PM
Project: GCEC Delineation
Operator Name: Philip Evans

Location Name: GCEC PZ-200S **Well Diameter: 2 in** **Screen Length: 5 ft** **Top of Screen: 28.5 ft** **Total Depth: 33.5 ft** **Initial Depth to Water: 5.37 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 12000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @1240. Pc 85.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/9/2021 12:02 PM	00:00	5.85 pH	24.24 °C	342.04 µS/cm	1.11 mg/L	0.95 NTU	116.9 mV	5.42 ft	400.00 ml/min
9/9/2021 12:07 PM	05:00	4.95 pH	23.29 °C	959.07 µS/cm	1.11 mg/L	0.92 NTU	162.2 mV	5.42 ft	400.00 ml/min
9/9/2021 12:12 PM	10:00	5.05 pH	23.25 °C	1,107.0 µS/cm	0.93 mg/L	0.75 NTU	170.9 mV	5.42 ft	400.00 ml/min
9/9/2021 12:17 PM	15:00	5.07 pH	23.30 °C	1,147.3 µS/cm	0.90 mg/L	0.70 NTU	177.2 mV	5.42 ft	400.00 ml/min
9/9/2021 12:22 PM	20:00	5.09 pH	23.29 °C	1,164.6 µS/cm	0.89 mg/L	0.62 NTU	182.5 mV	5.42 ft	400.00 ml/min
9/9/2021 12:27 PM	25:00	5.11 pH	23.24 °C	1,187.3 µS/cm	0.85 mg/L	0.43 NTU	187.4 mV	5.42 ft	400.00 ml/min
9/9/2021 12:32 PM	30:00	5.10 pH	23.27 °C	1,204.1 µS/cm	0.83 mg/L	0.40 NTU	192.4 mV	5.42 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-200s	Sample time @1240. Pc 85.

Low-Flow Test Report:

Test Date / Time: 9/9/2021 10:14:24 AM
Project: GCEC CCR
Operator Name: Brett Surles

Location Name: GCEC GSA2s **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 44.5 ft** **Total Depth: 54.5 ft** **Initial Depth to Water: 21.19 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 49.5 ft** **Estimated Total Volume Pumped: 8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Cloudy 84

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/9/2021 10:14 AM	00:00	5.39 pH	25.23 °C	293.97 µS/cm	3.92 mg/L	1.28 NTU	74.9 mV	21.21 ft	400.00 ml/min
9/9/2021 10:19 AM	05:00	4.43 pH	23.23 °C	744.93 µS/cm	0.94 mg/L	0.67 NTU	90.0 mV	21.21 ft	400.00 ml/min
9/9/2021 10:24 AM	10:00	4.30 pH	23.07 °C	725.75 µS/cm	0.94 mg/L	0.50 NTU	87.7 mV	21.21 ft	400.00 ml/min
9/9/2021 10:29 AM	15:00	4.29 pH	23.05 °C	706.19 µS/cm	1.00 mg/L	0.34 NTU	86.3 mV	21.21 ft	400.00 ml/min
9/9/2021 10:34 AM	20:00	4.29 pH	23.01 °C	697.70 µS/cm	1.09 mg/L	0.25 NTU	86.1 mV	21.21 ft	400.00 ml/min

Samples

Sample ID:	Description:
GSA-2s	Sample @1035

Low-Flow Test Report:

Test Date / Time: 9/9/2021 7:28:54 AM
Project: GCEC CCR
Operator Name: Brett Surles

Location Name: GCEC PZ201d **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 178.2 ft** **Total Depth: 188.2 ft** **Initial Depth to Water: 44.18 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 183 ft** **Estimated Total Volume Pumped: 26 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.07 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Cloudy 79

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/9/2021 7:28 AM	00:00	6.41 pH	23.97 °C	123.55 µS/cm	0.59 mg/L	11.80 NTU	93.4 mV	44.25 in	400.00 ml/min
9/9/2021 7:33 AM	05:00	6.48 pH	25.58 °C	125.07 µS/cm	0.23 mg/L	7.77 NTU	61.5 mV	44.25 in	400.00 ml/min
9/9/2021 7:38 AM	10:00	6.53 pH	26.00 °C	124.59 µS/cm	0.18 mg/L	4.68 NTU	50.6 mV	44.25 in	400.00 ml/min
9/9/2021 7:43 AM	15:00	6.57 pH	26.19 °C	124.68 µS/cm	0.16 mg/L	4.18 NTU	24.7 mV	44.25 in	400.00 ml/min
9/9/2021 7:48 AM	20:00	6.60 pH	26.31 °C	124.60 µS/cm	0.15 mg/L	3.91 NTU	8.2 mV	44.25 in	400.00 ml/min
9/9/2021 7:53 AM	25:00	6.63 pH	26.40 °C	124.54 µS/cm	0.13 mg/L	3.55 NTU	-0.1 mV	44.25 in	400.00 ml/min
9/9/2021 7:58 AM	30:00	6.67 pH	26.49 °C	124.88 µS/cm	0.13 mg/L	3.21 NTU	-19.6 mV	44.25 in	400.00 ml/min
9/9/2021 8:03 AM	35:00	6.71 pH	26.60 °C	124.69 µS/cm	0.12 mg/L	2.95 NTU	-51.6 mV	44.25 in	400.00 ml/min
9/9/2021 8:08 AM	40:00	6.75 pH	26.66 °C	124.90 µS/cm	0.12 mg/L	2.71 NTU	-74.8 mV	44.25 in	400.00 ml/min
9/9/2021 8:13 AM	45:00	6.77 pH	26.71 °C	124.72 µS/cm	0.11 mg/L	2.39 NTU	-82.8 mV	44.25 in	400.00 ml/min
9/9/2021 8:18 AM	50:00	6.80 pH	26.78 °C	124.82 µS/cm	0.11 mg/L	2.47 NTU	-94.5 mV	44.25 in	400.00 ml/min
9/9/2021 8:23 AM	55:00	6.82 pH	26.81 °C	124.74 µS/cm	0.10 mg/L	2.55 NTU	-96.0 mV	44.25 in	400.00 ml/min
9/9/2021 8:28 AM	01:00:00	6.85 pH	26.86 °C	124.71 µS/cm	0.10 mg/L	2.37 NTU	-105.4 mV	44.25 in	400.00 ml/min

9/9/2021 8:33 AM	01:05:00	6.87 pH	26.90 °C	124.68 µS/cm	0.10 mg/L	2.22 NTU	-104.4 mV	44.25 in	400.00 ml/min

Samples

Sample ID:	Description:
PZ-210d	Sample @0835

Low-Flow Test Report:

Test Date / Time: 9/9/2021 9:13:29 AM
Project: GCEC CCR
Operator Name: Brett Surles

Location Name: GCEC MW-2032 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 92.5 ft** **Total Depth: 102.5 ft** **Initial Depth to Water: 16.5 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 97 ft** **Estimated Total Volume Pumped: 14 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Cloudy 75

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/9/2021 9:13 AM	00:00	6.84 pH	25.49 °C	608.37 µS/cm	4.77 mg/L	2.44 NTU	-1.5 mV	16.50 ft	400.00 ml/min
9/9/2021 9:18 AM	05:00	6.69 pH	23.37 °C	630.80 µS/cm	4.80 mg/L	1.45 NTU	0.6 mV	16.50 ft	400.00 ml/min
9/9/2021 9:23 AM	10:00	6.65 pH	23.28 °C	633.57 µS/cm	4.65 mg/L	0.79 NTU	6.3 mV	16.50 ft	400.00 ml/min
9/9/2021 9:28 AM	15:00	6.62 pH	23.25 °C	636.26 µS/cm	4.56 mg/L	0.66 NTU	13.1 mV	16.50 ft	400.00 ml/min
9/9/2021 9:33 AM	20:00	6.64 pH	23.23 °C	855.50 µS/cm	3.21 mg/L	0.47 NTU	16.7 mV	16.50 ft	400.00 ml/min
9/9/2021 9:38 AM	25:00	6.60 pH	23.17 °C	888.96 µS/cm	2.99 mg/L	0.41 NTU	19.9 mV	16.50 ft	400.00 ml/min
9/9/2021 9:43 AM	30:00	6.59 pH	23.14 °C	894.38 µS/cm	2.91 mg/L	0.52 NTU	22.8 mV	16.50 ft	400.00 ml/min
9/9/2021 9:48 AM	35:00	6.58 pH	23.14 °C	897.02 µS/cm	2.89 mg/L	0.40 NTU	24.8 mV	16.50 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-2032	Sample @0949

Low-Flow Test Report:

Test Date / Time: 9/9/2021 8:24:36 AM
Project: GCEC Delineation
Operator Name: Philip Evans

Location Name: GCEC PZ-200D **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 141.5 ft** **Total Depth: 151.5 ft** **Initial Depth to Water: 5.42 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 146.5 ft** **Estimated Total Volume Pumped: 62000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1105. DUP-05 @ fake time 1005. Cloudy 85.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/9/2021 8:24 AM	00:00	7.90 pH	23.30 °C	100.39 µS/cm	1.02 mg/L	4.26 NTU	122.2 mV	5.42 ft	400.00 ml/min
9/9/2021 8:29 AM	05:00	6.53 pH	22.19 °C	101.03 µS/cm	0.23 mg/L	4.90 NTU	97.0 mV	5.42 ft	400.00 ml/min
9/9/2021 8:34 AM	10:00	6.20 pH	22.14 °C	100.58 µS/cm	0.15 mg/L	5.31 NTU	89.8 mV	5.42 ft	400.00 ml/min
9/9/2021 8:39 AM	15:00	6.14 pH	22.08 °C	100.67 µS/cm	0.14 mg/L	6.04 NTU	81.6 mV	5.42 ft	400.00 ml/min
9/9/2021 8:44 AM	20:00	6.14 pH	22.07 °C	100.59 µS/cm	0.11 mg/L	6.68 NTU	76.3 mV	5.42 ft	400.00 ml/min
9/9/2021 8:49 AM	25:00	6.14 pH	22.08 °C	100.37 µS/cm	0.11 mg/L	6.70 NTU	72.1 mV	5.42 ft	400.00 ml/min
9/9/2021 8:54 AM	30:00	6.15 pH	22.08 °C	100.60 µS/cm	0.08 mg/L	6.82 NTU	68.8 mV	5.42 ft	400.00 ml/min
9/9/2021 8:59 AM	35:00	6.17 pH	22.06 °C	100.53 µS/cm	0.08 mg/L	6.90 NTU	64.3 mV	5.42 ft	400.00 ml/min
9/9/2021 9:04 AM	40:00	6.20 pH	22.08 °C	100.53 µS/cm	0.08 mg/L	6.94 NTU	60.7 mV	5.42 ft	400.00 ml/min
9/9/2021 9:09 AM	45:00	6.22 pH	22.04 °C	100.45 µS/cm	0.09 mg/L	7.05 NTU	56.9 mV	5.42 ft	400.00 ml/min
9/9/2021 9:14 AM	50:00	6.24 pH	22.05 °C	100.42 µS/cm	0.08 mg/L	7.10 NTU	54.2 mV	5.42 ft	400.00 ml/min
9/9/2021 9:19 AM	55:00	6.23 pH	22.04 °C	100.78 µS/cm	0.07 mg/L	7.23 NTU	53.0 mV	5.42 ft	400.00 ml/min
9/9/2021 9:24 AM	01:00:00	6.23 pH	22.05 °C	100.42 µS/cm	0.07 mg/L	7.12 NTU	51.0 mV	5.42 ft	400.00 ml/min
9/9/2021 9:29 AM	01:05:00	6.25 pH	22.02 °C	100.25 µS/cm	0.06 mg/L	6.88 NTU	48.4 mV	5.42 ft	400.00 ml/min
9/9/2021 9:34 AM	01:10:00	6.26 pH	22.02 °C	100.27 µS/cm	0.07 mg/L	6.40 NTU	46.2 mV	5.42 ft	400.00 ml/min

9/9/2021 9:39 AM	01:15:00	6.29 pH	21.99 °C	100.29 µS/cm	0.06 mg/L	6.18 NTU	43.1 mV	5.42 ft	400.00 ml/min
9/9/2021 9:44 AM	01:20:00	6.31 pH	21.98 °C	100.09 µS/cm	0.05 mg/L	4.95 NTU	40.4 mV	5.42 ft	400.00 ml/min
9/9/2021 9:49 AM	01:25:00	6.29 pH	22.01 °C	99.93 µS/cm	0.06 mg/L	4.84 NTU	40.1 mV	5.42 ft	400.00 ml/min
9/9/2021 9:54 AM	01:30:00	6.31 pH	22.00 °C	99.99 µS/cm	0.05 mg/L	4.78 NTU	37.8 mV	5.42 ft	400.00 ml/min
9/9/2021 9:59 AM	01:35:00	6.33 pH	21.97 °C	99.76 µS/cm	0.06 mg/L	4.75 NTU	36.0 mV	5.42 ft	400.00 ml/min
9/9/2021 10:04 AM	01:40:00	6.32 pH	21.99 °C	100.00 µS/cm	0.05 mg/L	4.68 NTU	34.6 mV	5.42 ft	400.00 ml/min
9/9/2021 10:09 AM	01:45:00	6.32 pH	21.99 °C	100.20 µS/cm	0.05 mg/L	4.62 NTU	33.2 mV	5.42 ft	400.00 ml/min
9/9/2021 10:14 AM	01:50:00	6.33 pH	21.96 °C	100.01 µS/cm	0.04 mg/L	4.57 NTU	31.8 mV	5.42 ft	400.00 ml/min
9/9/2021 10:19 AM	01:55:00	6.34 pH	21.99 °C	99.96 µS/cm	0.05 mg/L	4.20 NTU	30.5 mV	5.42 ft	400.00 ml/min
9/9/2021 10:24 AM	02:00:00	6.35 pH	22.01 °C	100.00 µS/cm	0.05 mg/L	4.60 NTU	28.8 mV	5.42 ft	400.00 ml/min
9/9/2021 10:29 AM	02:05:00	6.36 pH	21.99 °C	100.05 µS/cm	0.04 mg/L	4.70 NTU	27.5 mV	5.42 ft	400.00 ml/min
9/9/2021 10:34 AM	02:10:00	6.35 pH	21.99 °C	99.98 µS/cm	0.04 mg/L	4.75 NTU	27.8 mV	5.42 ft	400.00 ml/min
9/9/2021 10:39 AM	02:15:00	6.36 pH	21.99 °C	99.82 µS/cm	0.04 mg/L	4.78 NTU	26.3 mV	5.42 ft	400.00 ml/min
9/9/2021 10:44 AM	02:20:00	6.36 pH	21.99 °C	100.11 µS/cm	0.04 mg/L	4.86 NTU	25.6 mV	5.42 ft	400.00 ml/min
9/9/2021 10:49 AM	02:25:00	6.38 pH	21.99 °C	99.74 µS/cm	0.04 mg/L	4.83 NTU	24.8 mV	5.42 ft	400.00 ml/min
9/9/2021 10:54 AM	02:30:00	6.36 pH	21.99 °C	99.82 µS/cm	0.04 mg/L	4.80 NTU	25.4 mV	5.42 ft	400.00 ml/min
9/9/2021 10:59 AM	02:35:00	6.37 pH	21.97 °C	99.83 µS/cm	0.04 mg/L	4.80 NTU	24.6 mV	5.42 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-200D	Sample time @ 1105. DUP-05 @ fake time 1005. Cloudy 85.

Low-Flow Test Report:

Test Date / Time: 9/8/2021 1:45:28 PM
Project: GCEC Delineation
Operator Name: Philip Evans

Location Name: GCEC PZ-203D **Well Diameter: 2 in** **Screen Length: 5 ft** **Top of Screen: 197.3 ft** **Total Depth: 202.3 ft** **Initial Depth to Water: 7.44 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 199.8 ft** **Estimated Total Volume Pumped: 66000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1635. Pc 85.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
9/8/2021 1:45 PM	00:00	5.92 pH	24.91 °C	97.73 µS/cm	0.24 mg/L	29.90 NTU	119.0 mV	7.58 ft	400.00 ml/min
9/8/2021 1:50 PM	05:00	6.04 pH	24.73 °C	97.45 µS/cm	0.18 mg/L	28.10 NTU	91.4 mV	7.58 ft	400.00 ml/min
9/8/2021 1:55 PM	10:00	6.11 pH	24.74 °C	97.68 µS/cm	0.15 mg/L	25.00 NTU	75.8 mV	7.58 ft	400.00 ml/min
9/8/2021 2:00 PM	15:00	6.16 pH	24.58 °C	97.21 µS/cm	0.13 mg/L	24.50 NTU	64.2 mV	7.58 ft	400.00 ml/min
9/8/2021 2:05 PM	20:00	6.22 pH	24.60 °C	97.47 µS/cm	0.12 mg/L	22.60 NTU	55.2 mV	7.58 ft	400.00 ml/min
9/8/2021 2:10 PM	25:00	6.25 pH	24.59 °C	96.89 µS/cm	0.12 mg/L	20.20 NTU	49.2 mV	7.58 ft	400.00 ml/min
9/8/2021 2:15 PM	30:00	6.29 pH	24.54 °C	97.10 µS/cm	0.11 mg/L	19.30 NTU	41.2 mV	7.58 ft	400.00 ml/min
9/8/2021 2:20 PM	35:00	6.32 pH	24.50 °C	97.07 µS/cm	0.10 mg/L	18.70 NTU	35.8 mV	7.58 ft	400.00 ml/min
9/8/2021 2:25 PM	40:00	6.35 pH	24.37 °C	96.67 µS/cm	0.10 mg/L	18.60 NTU	34.4 mV	7.58 ft	400.00 ml/min
9/8/2021 2:30 PM	45:00	6.39 pH	24.43 °C	96.02 µS/cm	0.10 mg/L	19.30 NTU	33.2 mV	7.58 ft	400.00 ml/min
9/8/2021 2:35 PM	50:00	6.37 pH	24.42 °C	91.54 µS/cm	0.10 mg/L	18.90 NTU	29.7 mV	7.58 ft	400.00 ml/min
9/8/2021 2:40 PM	55:00	6.33 pH	24.32 °C	90.66 µS/cm	0.10 mg/L	18.50 NTU	28.1 mV	7.58 ft	400.00 ml/min
9/8/2021 2:45 PM	01:00:00	6.34 pH	24.14 °C	88.14 µS/cm	0.09 mg/L	18.20 NTU	24.8 mV	7.58 ft	400.00 ml/min
9/8/2021 2:50 PM	01:05:00	6.31 pH	24.15 °C	86.53 µS/cm	0.10 mg/L	17.90 NTU	19.8 mV	7.58 ft	400.00 ml/min
9/8/2021 2:55 PM	01:10:00	6.34 pH	24.14 °C	84.14 µS/cm	0.10 mg/L	17.70 NTU	10.3 mV	7.58 ft	400.00 ml/min

9/8/2021 3:00 PM	01:15:00	6.32 pH	24.24 °C	86.67 µS/cm	0.10 mg/L	17.00 NTU	-0.5 mV	7.58 ft	400.00 ml/min
9/8/2021 3:05 PM	01:20:00	6.32 pH	24.28 °C	83.62 µS/cm	0.10 mg/L	16.60 NTU	-17.3 mV	7.58 ft	400.00 ml/min
9/8/2021 3:10 PM	01:25:00	6.32 pH	24.32 °C	79.08 µS/cm	0.12 mg/L	15.70 NTU	-30.7 mV	7.58 ft	400.00 ml/min
9/8/2021 3:15 PM	01:30:00	6.32 pH	24.36 °C	80.95 µS/cm	0.12 mg/L	15.40 NTU	-38.3 mV	7.58 ft	400.00 ml/min
9/8/2021 3:20 PM	01:35:00	6.33 pH	24.32 °C	80.29 µS/cm	0.11 mg/L	14.50 NTU	-46.2 mV	7.58 ft	400.00 ml/min
9/8/2021 3:25 PM	01:40:00	6.30 pH	24.28 °C	76.13 µS/cm	0.13 mg/L	14.10 NTU	-50.5 mV	7.58 ft	400.00 ml/min
9/8/2021 3:30 PM	01:45:00	6.26 pH	24.30 °C	73.43 µS/cm	0.15 mg/L	13.80 NTU	-49.0 mV	7.58 ft	400.00 ml/min
9/8/2021 3:35 PM	01:50:00	6.31 pH	24.30 °C	75.50 µS/cm	0.14 mg/L	12.90 NTU	-52.9 mV	7.58 ft	400.00 ml/min
9/8/2021 3:40 PM	01:55:00	6.29 pH	24.16 °C	75.09 µS/cm	0.13 mg/L	12.60 NTU	-53.6 mV	7.58 ft	400.00 ml/min
9/8/2021 3:45 PM	02:00:00	6.30 pH	24.14 °C	74.47 µS/cm	0.14 mg/L	10.10 NTU	-55.9 mV	7.58 ft	400.00 ml/min
9/8/2021 3:50 PM	02:05:00	6.28 pH	24.15 °C	73.59 µS/cm	0.15 mg/L	9.89 NTU	-55.1 mV	7.58 ft	400.00 ml/min
9/8/2021 3:55 PM	02:10:00	6.29 pH	24.25 °C	72.67 µS/cm	0.15 mg/L	9.48 NTU	-56.5 mV	7.58 ft	400.00 ml/min
9/8/2021 4:00 PM	02:15:00	6.30 pH	24.19 °C	69.95 µS/cm	0.17 mg/L	8.89 NTU	-55.8 mV	7.58 ft	400.00 ml/min
9/8/2021 4:05 PM	02:20:00	6.27 pH	24.15 °C	70.77 µS/cm	0.17 mg/L	8.70 NTU	-52.4 mV	7.58 ft	400.00 ml/min
9/8/2021 4:10 PM	02:25:00	6.28 pH	24.15 °C	71.38 µS/cm	0.16 mg/L	8.56 NTU	-52.4 mV	7.58 ft	400.00 ml/min
9/8/2021 4:15 PM	02:30:00	6.28 pH	24.14 °C	69.60 µS/cm	0.16 mg/L	8.30 NTU	-52.5 mV	7.58 ft	400.00 ml/min
9/8/2021 4:20 PM	02:35:00	6.27 pH	24.06 °C	69.53 µS/cm	0.17 mg/L	8.27 NTU	-50.7 mV	7.58 ft	400.00 ml/min
9/8/2021 4:25 PM	02:40:00	6.27 pH	24.01 °C	69.03 µS/cm	0.18 mg/L	8.25 NTU	-49.7 mV	7.58 ft	400.00 ml/min
9/8/2021 4:30 PM	02:45:00	6.29 pH	24.02 °C	70.14 µS/cm	0.17 mg/L	8.22 NTU	-50.4 mV	7.58 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-203D	Sample time @ 1635. Pc 85.

Geosyntec consultants

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Memorandum

Date: 19 October 2021

To: Lane Dorman

From: Kristoffer Henderson

CC: J. Caprio

Subject: Stage 2A Data Validation - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-201304-1, 400-201333-1, 400-201414-1, 400-201416-1 Revision 1, 400-201496-1 and 400-201500-1

SITE: Gulf Clean Energy Center

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of thirty-one aqueous samples, five field duplicates, four field blanks and four equipment blanks, collected 29 March to 2 April 2021, as part of the Plant Smith 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
400-201304-1	MW-100
400-201304-2	MW-101
400-201304-3	MW-107
400-201304-4	MW-108
400-201304-5	MW-306
400-201304-6	MW-307
400-201304-7	DUP-01
400-201333-1	MW-102
400-201333-2	MW-103
400-201333-3	MW-104
400-201333-4	MW-105
400-201333-5	MW-106
400-201333-6	MW-110
400-201333-7	DUP-02
400-201333-8	EB-01
400-201333-9	FB-01
400-201333-10	MW-109
400-201414-1	MW-200
400-201414-2	MW-201
400-201414-3	MW-206
400-201414-4	DUP-04
400-201416-1	MW-300

Laboratory ID	Client ID
400-201416-2	MW-303
400-201416-3	MW-304
400-201416-4	MW-305
400-201416-5	MW-308
400-201416-6	DUP-03
400-201416-7	FB-02
400-201416-8	EB-02
400-201496-1	MW-202
400-201496-2	MW-203
400-201496-3	MW-204
400-201496-4	MW-205
400-201496-5	EB-03
400-201496-6	FB-03
400-201500-1	PZ-200S
400-201500-2	PZ-200D
400-201500-3	GSA-2S
400-201500-4	PZ-201D
400-201500-5	PZ-203D
400-201500-6	MW2032/GE-1D
400-201500-7	DUP-05
400-201500-8	FB-04
400-201500-9	EB-04

The chain of custody (COC) indicates the samples were received at 1.7 degrees Celsius (°C) and 2.4°C within the criteria 0-6ºC. No preservation issues were noted by the laboratory.

Laboratory report 400-201416-1 was revised on April 21, 2021. The revised report was identified as 400-201416-1 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 this sample 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

SDG 400-201304-1

The laboratory noted the recoveries of arsenic, boron and beryllium in the continuing calibration verification (CCV) in batch 526377 was high and outside of the method specified acceptance criteria. Since arsenic, boron and beryllium were either not detected or U qualified as not detected due to method blank contamination, no additional qualifications were applied to the data based on professional and technical judgment.

SDGs 400-201304-1 and 400-201333-1

The laboratory noted the replicate relative standard deviation (RSD) of the metals in the initial calibration verifications (ICVs) in batches 526377 and 526480 were outside of the method specified acceptance criteria; however, the ICV recoveries were within the method specified acceptance criteria. Since the replicate RSD of the associated samples was within the method specified acceptance criteria and based on professional and technical judgement, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the metals analysis of a preserved 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). Five method blanks were reported (batches 525878, 526009, 526797, 526798 and 526819). Metals were not detected in the method blanks above the method detection limits (MDLs), with the following exceptions.

SDGs 400-201414-1 and 400-201416-1

Arsenic and lithium were detected in the method blank in batch 526797 at estimated concentrations greater than the MDLs and less than the reporting limits (RLs). Therefore, the estimated arsenic and lithium concentrations in the associated samples were U qualified as not detected at the RLs.

SDGs 400-201416-1 and 400-201496-1

Cadmium and lithium were detected in the method blank in batch 526798 at estimated concentrations greater than the MDLs and less than the RLs. Therefore, the estimated cadmium and lithium concentrations in the associated samples were U qualified as not detected at the RLs.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-206	Arsenic	0.00064	I,V	0.0013	U	3
MW-206	Lithium	0.0029	I,V	0.005	U	3
MW-300	Lithium	0.0036	I,V	0.0050	U	3
FB-02	Cadmium	0.00047	I,V	0.00047	U	3
MW-304	Arsenic	0.00062	I,V	0.0013	U	3
MW-304	Lithium	0.0027	I,V	0.0050	U	3
MW-305	Arsenic	0.00048	I,V	0.0013	U	3
MW-305	Lithium	0.0025	I,V	0.0050	U	3
EB-03	Cadmium	0.00033	I,V	0.0025	U	3
MW-202	Cadmium	0.00056	I,V	0.0025	U	3
MW-205	Lithium	0.0031	I,V	0.0050	U	3

mg/L-milligram per liter
I-laboratory flag indicating estimated concentration greater than the MDL and less than the RL
V-laboratory flag indicating analyte was detected in both the sample and method blank
* 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-103. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

Four 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). Five LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

Four equipment blanks, EB-01, EB-02, EB-03 and EB-04, were collected with the sample set. Metals were not detected in the equipment blanks above the MDLs, with the following exception.

Arsenic was detected in EB-01 and EB-04 at estimated concentrations greater than the MDL and less than the RL. Therefore, the estimated arsenic concentrations in the associated samples were U qualified as not detected at the RL.

Cadmium was detected in EB-02 and EB-03 at estimated concentrations greater than the MDL and less than the RL. Since the cadmium concentrations in EB-02 and EB-03 were U qualified due to method blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Cadmium was detected in EB-04 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated cadmium concentrations in the associated samples were U qualified as not detected at the RL.

Lithium was detected in EB-02 (0.0061 mg/L) and EB-03 (0.0060 mg/L) at concentrations greater than the RL. Therefore, the lithium concentrations in the associated samples greater than the RL and less than the equipment blank concentration were U qualified as not detected at the reported concentrations and the lithium concentration in sample MW-303 was J+ qualified as estimated with a high bias, based on professional and technical judgment.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
FB-03	Lithium	0.0019	I	0.0019	U	3
MW-101	Arsenic	0.00078	I	0.0013	U	3
MW-108	Arsenic	0.00054	I	0.0013	U	3
MW-307	Arsenic	0.00042	I	0.0013	U	3
MW-104	Arsenic	0.00048	I	0.0013	U	3
MW-109	Arsenic	0.0011	I	0.0013	U	3
MW-201	Lithium	0.0050	V	0.0050	U	3
MW-303	Lithium	0.022	V	0.022	J+	3
FB-03	Lithium	0.0019	I	0.0019	U	3
MW-203	Lithium	0.0052	V	0.0052	U	3
MW-204	Lithium	0.0052	V	0.0052	U	3
MW2032/GE-1D	Arsenic	0.00072	I	0.0013	U	3
PZ-200D	Arsenic	0.00055	I	0.0013	U	3
PZ-200S	Arsenic	0.00079	I	0.0113	U	3
DUP-05	Cadmium	0.00052	I	0.0025	U	3
GSA-2S	Cadmium	0.00031	I	0.0025	U	3
PZ-200D	Cadmium	0.00030	I	0.0025	U	3

mg/L-milligrams per liter
I-laboratory flag indicating estimated concentration greater than the MDL and less than the RL
V-laboratory flag indicating analyte was detected in both the sample and method blank

1.7 Field Blank

Four field blanks, FB-01, FB-02, FB-03 and FB-04, were collected with the sample set. Metals were not detected in the field blanks above the MDLs, with the following exceptions.

Lithium was detected in FB-03 at an estimated concentration greater than the MDL and less than the RL. Since the lithium concentration in FB-03 was U qualified due to equipment blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Lithium was detected in FB-04 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated lithium concentrations in the associated samples were U qualified as not detected at the RL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
GSA-2S	Lithium	0.0025	I	0.0050	U	3
PZ-200S	Lithium	0.0038	I	0.0050	U	3

mg/L-milligrams per liter
I-laboratory flag indicating estimated concentration greater than the MDL and less than the RL

1.8 Field Duplicate

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-101, MW-105, MW-300, MW-206 and MW2032/GE-1D, respectively, with the following exceptions.

Arsenic and lithium were detected in MW-101 at estimated concentrations greater than the MDLs and less than the RLs and were not detected DUP-01, resulting in noncalculable RPDs. Since the arsenic concentration in MW-101 was U qualified due to equipment blank contamination and based on professional and technical judgment, no additional qualifications were applied to the arsenic data. However, the lithium concentration in MW-101 was J qualified as estimated and the non-detect lithium result in DUP-01 was UJ qualified as estimated less than the MDL.

Chromium was detected in MW-101 at an estimated concentration greater than the MDL and less than the RL and was detected in DUP-01 at a concentration greater than the RL, resulting in a noncalculable RPD. Therefore, the chromium concentrations in field duplicate pair MW-101/DUP-01 were J qualified as estimated.

Cadmium was not detected in MW-300 and was detected in DUP-03 at an estimated concentration greater than the MDL and less than the RL, resulting in a noncalculable RPD. Therefore, the non-detect cadmium result in MW-300 was UJ qualified as estimated less than the MDL and the cadmium concentration in DUP-03 was J qualified as estimated.

Lead and lithium were detected in MW-300 at estimated concentrations greater than the MDLs and less than the RLs and were not detected in DUP-03, resulting in noncalculable RPDs. Since the lithium concentration in MW-300 was U qualified due to method blank contamination and based on professional and technical judgment, no additional qualifications were applied to the lithium data. However, the lead concentration in MW-300 was J qualified as estimated and the non-detect lead result in DUP-03 was UJ qualified as estimated less than the MDL.

Arsenic was detected in MW-206 at an estimated concentration greater than the MDL and less than the RL and was detected in DUP-04 at a concentration greater than the RL, resulting in a noncalculable RPD. In addition, the arsenic concentration in MW-206 was U qualified as not detected at the RL due to method blank contamination. Therefore, the arsenic concentration in MW-206 was J qualified as estimated and the estimated arsenic concentration in DUP-04 was UJ qualified as estimated less than the RL.

Lithium was detected in MW-206 at an estimated concentration greater than the MDL and less than the RL and was not detected in DUP-04, resulting in a noncalculable RPD. Since the lithium

concentration in MW-300 was U qualified due to equipment blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Arsenic was detected in MW2032/GE-1D at an estimated concentration greater than the MDL and less than the RL and was not detected in DUP-05, resulting in a noncalculable RPD. Since the arsenic concentration in MW2032/GE-1D was U qualified due to equipment blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Cadmium was not detected in MW2032/GE-1D and was detected in DUP-05 at an estimated concentration greater than the MDL and less than the RL, resulting in a noncalculable RPD. Since the cadmium concentration in DUP-05 was U qualified due to equipment blank contamination 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
MW-101	Arsenic	0.00078	I	NC*	NA	NA	NA
DUP-01	Arsenic	0.00039	U		NA	NA	NA
MW-101	Lithium	0.0019	I	NC	0.0019	J	7
DUP-01	Lithium	0.0019	U		0.0019	UJ	7
MW-300	Cadmium	0.00028	U	NC	0.00028	UJ	7
DUP-03	Cadmium	0.00031	I		0.00031	J	7
MW-300	Lead	0.00039	I	NC*	NA	NA	NA
DUP-03	Lead	0.00029	U		NA	NA	NA
MW-206	Arsenic	0.00064	I,V	NC	0.013	UJ	7
DUP-04	Arsenic	0.0023	V		0.0023	J	7
MW-206	Lithium	0.0029	I,V	NC*	NA	NA	NA
DUP-04	Lithium	0.0019	U		NA	NA	NA
MW2032/GE-1D	Arsenic	0.00072	I	NC*	NA	NA	NA
DUP-05	Arsenic	0.00039	U		NA	NA	NA
MW2032/GE-1D	Cadmium	0.00028	U	NC*	NA	NA	NA
DUP-05	Cadmium	0.00052	I		NA	NA	NA

mg/L-milligrams per liter
I-laboratory flag indicating estimated concentration greater than the MDL and less than the RL
U-not detected at or above the MDL
V-laboratory flag indicating analyte was detected in both the sample and method blank
NA-not applicable
NC-not calculable
* no qualifications see reason above

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to the 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 sample 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 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). Five method blanks were reported (batches 525722, 525918, 526159, 526122 and 526530). 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). Three sample set specific MS/MSD pairs were reported using samples MW-102, MW-300 and MW-202. The recovery and RPD results were within the laboratory specified acceptance criteria.

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.

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). Five LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

2.6 Equipment Blank

Four equipment blanks, EB-01, EB-02, EB-03 and EB-04, were collected with the sample set. Mercury was not detected in the equipment blanks above the MDL.

2.7 Field Blank

Four field blanks, FB-01, FB-02, FB-03 and FB-04, were collected with the sample set. Mercury was not detected in the field blanks above the MDL.

2.8 Field Duplicate

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RPD$\leq$ 30%) was demonstrated between the field duplicates and the original samples, MW-101, MW-105, MW-300, MW-206 and MW2032/GE-1D, respectively, with the following exception.

Mercury was detected in MW-300 at an estimated concentration greater than the MDL and less than the RL and was not detected in DUP-03, resulting in a noncalculable RPD. Therefore, the mercury concentration in MW-300 was J qualified as estimated and the non-detect mercury result in DUP-03 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-300	Mercury	0.00019	I	NC	0.00019	J	7
DUP-03	Mercury	0.00007	U		0.00007	UJ	7

mg/L-milligrams per liter
I-laboratory flag indicating an estimated concentration greater than the MDL and less than the RL
U-not detected at or above the MDL

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 sample 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 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 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 526135, 526228, 526536, 526704 and 526834), chloride (batches 527087, 527149 and 527150), sulfate (batches 527121, 527151 and 527152) and fluoride (batches 527753, 527934 and 528104) The wet chemistry parameters were not detected in the method blanks above the MDLs, with the following exception.

SDGs 400-201304-1, 400-201333-1, 400-201414-1 and 400-201416-1

Fluoride was detected in the method blank in batch 527753 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated fluoride concentrations in the associated samples were U qualified as not detected the RL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-100	Fluoride	0.060	I,V	0.10	U	3
DUP-02	Fluoride	0.040	I,V	0.10	U	3
MW-105	Fluoride	0.040	I,V	0.10	U	3
MW-110	Fluoride	0.040	I,V	0.10	U	3
MW-200	Fluoride	0.070	I,V	0.10	U	3

mg/L-milligram per liter
I- laboratory flag indicating an estimated concentration greater than the MDL and less than the RL
V-laboratory flag indicating analyte was detected in both the sample and method blank

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-101, MW-106 and DUP-03, sulfate using samples MW-101, MW-102, MW-106, MW-305 and EB-03 and fluoride using samples MW-100, MW-103, MW-201 and PZ-200D. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exception.

SDG 400-201500-1

The RPD of fluoride in the MS/MSD pair using sample PZ-200D was high and outside of the laboratory specified acceptance criteria. Therefore, the fluoride concentration in sample PZ-200D was J qualified as estimated.

Batch MS/MSD pairs were also reported for sulfate 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.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
PZ-200D	Fluoride	0.080	I, J3	0.080	J	4

mg/L-milligram per liter
I- laboratory flag indicating an estimated concentration greater than the MDL and less than the RL
J3-laboratory flag indicating an estimated concentration due to QC outside of criteria

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 laboratory also analyzed method reporting limit (MRL) standards for chloride and sulfate. The recovery results were within the laboratory specified acceptance criteria, with the following exception.

SDGs 400-201414-1, 400-201416-1 and 400-201500-1

The recovery of fluoride in the LCS in batch 527934 was less than 50% and outside of the laboratory specified acceptance criteria. Therefore, the estimated fluoride concentrations in the associated samples were J qualified as estimated; the fluoride concentrations in the associated samples greater than the RL were J- qualified as estimated with low biases and the non-detect fluoride results in the associated samples were R qualified as rejected.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-04	Fluoride	0.050	I,J3	0.050	J	5
MW-201	Fluoride	0.50	J3	0.50	J-	5
MW-206	Fluoride	0.070	I,J3	0.070	J	5
EB-02	Fluoride	0.032	U,J3	0.032	R	5
FB-02	Fluoride	0.032	U,J3	0.032	R	5
MW-303	Fluoride	0.26	J3	0.26	J-	5
MW-304	Fluoride	0.040	I,J3	0.040	J	5
MW-305	Fluoride	0.032	U,J3	0.032	R	5
MW-308	Fluoride	0.19	J3	0.19	J-	5
DUP-05	Fluoride	0.032	U,J3	0.032	R	5
EB-04	Fluoride	0.032	U,J3	0.032	R	5
FB-04	Fluoride	0.032	U,J3	0.032	R	5
GSA-2S	Fluoride	0.070	I,J3	0.070	J	5
MW2032/GE-1D	Fluoride	0.032	U,J3	0.032	R	5
PZ-200D	Fluoride	0.080	I,J3	0.080	J	5
PZ-200S	Fluoride	0.032	U,J3	0.032	R	5
PZ-201D	Fluoride	0.050	I,J3	0.050	J	5
PZ-203D	Fluoride	0.032	U,J3	0.032	R	5

mg/L-milligram per liter
I- laboratory flag indicating an estimated concentration greater than the MDL and less than the RL
U- laboratory flag indicating not detected at or above the MDL
J3-laboratory flag indicating an estimated concentration due to QC outside of criteria

3.6 Laboratory Duplicate

Three sample set specific laboratory duplicates were reported for TDS using samples MW-104, MW-200 and PZ-200D. The recovery and RPD results were within the laboratory specified acceptance criteria.

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

Four equipment blanks, EB-01, EB-02, EB-03 and EB-04, were collected with the sample set. The wet chemistry parameters were not detected in the equipment blanks above the MDLs.

3.8 Field Blank

Four field blanks, FB-01, FB-02, FB-03 and FB-04, were collected with the sample set. The wet chemistry parameters were not detected in the field blanks above the MDLs.

3.9 Field Duplicate

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-101, MW-105, MW-300, MW-206 and MW2032/GE-1D, respectively, with the following exception.

The RPD of TDS in field duplicate pair MW-101/DUP-01 was greater than 30%; therefore, the TDS concentrations in field duplicate pair MW-101/DUP-01 were J qualified as estimated.

Sulfate and TDS were detected in MW-300 at concentrations greater RLs and were not detected DUP-03, resulting in noncalculable RPDs. Therefore, the sulfate and TDS concentrations in MW-300 were J qualified as estimated and the non-detect results of sulfate and TDS in DUP-03 were UJ qualified as estimated less than the MDLs.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-101	TDS	26	NA	106	26	J	7
DUP-01	TDS	8.0	NA		8.0	J	7
MW-300	Sulfate	18	NA	NC	18	J	7
DUP-03	Sulfate	1.4	U		1.4	UJ	7
MW-300	TDS	48	NA	NC	48	J	7
DUP-03	TDS	5.0	U		5.0	UJ	7

mg/L-milligrams per liter
U- laboratory flag indicating not detected at or above the MDL
NA-not applicable
NC-not calculable

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

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date:	7 September 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validation - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-201304-2, 400-201333-2, 400-201414-2, 400-201416-2, 400-201496-2 and 400-201500-2**

SITE: Gulf Clean Energy Center

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of thirty-one aqueous samples, five field duplicates, four field blanks and four equipment blanks, collected 29 March to 2 April 2021, as part of the Plant Smith 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

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
- 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
400-201304-1	MW-100
400-201304-2	MW-101
400-201304-3	MW-107
400-201304-4	MW-108
400-201304-5	MW-306
400-201304-6	MW-307
400-201304-7	DUP-01
400-201333-1	MW-102
400-201333-2	MW-103
400-201333-3	MW-104
400-201333-4	MW-105
400-201333-5	MW-106
400-201333-6	MW-110
400-201333-7	DUP-02
400-201333-8	EB-01
400-201333-9	FB-01
400-201333-10	MW-109
400-201414-1	MW-200
400-201414-2	MW-201
400-201414-3	MW-206
400-201414-4	DUP-04
400-201416-1	MW-300

Laboratory ID	Client ID
400-201416-2	MW-303
400-201416-3	MW-304
400-201416-4	MW-305
400-201416-5	MW-308
400-201416-6	DUP-03
400-201416-7	FB-02
400-201416-8	EB-02
400-201496-1	MW-202
400-201496-2	MW-203
400-201496-3	MW-204
400-201496-4	MW-205
400-201496-5	EB-03
400-201496-6	FB-03
400-201500-1	PZ-200S
400-201500-2	PZ-200D
400-201500-3	GSA-2S
400-201500-4	PZ-201D
400-201500-5	PZ-203D
400-201500-6	MW2032/GE-1D
400-201500-7	DUP-05
400-201500-8	FB-04
400-201500-9	EB-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 sample 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 sample set is 100%.

1.2 Holding Times

The holding time for the radium-226 and radium-228 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 504218, 504223, 504273 and 504961) and radium-228 (batches 504219, 504225, 504276 and 504965). 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). Four LCS/laboratory control sample duplicate (LCSD) were reported for radium-226 and four 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

Four equipment blanks were collected with the sample set, EB-01, EB-02, EB-03 and EB-04. The radiochemistry parameters were not detected in the equipment blanks above the MDCs, with the following exception.

Radium-228 (0.727 pCi/L) was detected in EB-01 at a concentration greater than the MDC. Therefore, based on professional and technical judgment the radium-228 and combined 226 + 228 concentrations in FB-01 were J qualified as estimated. Since the remaining associated sample results were qualified based on field blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
FB-01	Radium-228	1.55	NA	1.55	J+	3
FB-01	Combined Radium 226 + 228	1.63	NA	1.63	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

Four field blanks were collected with the sample set, FB-01, FB-02, FB-03 and FB-04. The radiochemistry parameters were not detected in the field blanks above the MDCs, with the following exception.

Radium-228 (1.55 pCi/L) was detected in FB-01 at a concentration greater than the MDC. Therefore, based on professional and technical judgment the radium-228 concentrations greater than the MDCs and less than the field blank concentration were U qualified as not detected at the reported concentrations and the radium-228 concentrations greater than the field blank concentration and less than ten times the field blank concentration were J+ qualified as estimated with high biases. In addition, the combined radium 226 + 228 concentrations in samples MW-100, MW-108, MW-306, DUP-01, MW-102, MW-103, MW-105, MW-106, MW-110, DUP-02 and MW-109 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	1.26	NA	1.26	U	3
MW-100	Combined Radium 226 + 228	1.72	NA	1.72	J+	3
MW-108	Radium-228	1.34	NA	1.34	U	3
MW-108	Combined Radium 226 + 228	1.71	NA	1.71	J+	3
MW-306	Radium-228	0.538	NA	0.538	U	3
MW-306	Combined Radium 226 + 228	0.899	NA	0.899	J+	3
DUP-01	Radium-228	0.675	NA	0.675	U	3
DUP-01	Combined Radium 226 + 228	0.955	NA	0.955	J+	3
MW-102	Radium-228	1.10	NA	1.1	U	3
MW-102	Combined Radium 226 + 228	1.46	NA	1.46	J+	3
MW-103	Radium-228	3.60	NA	3.6	J+	3
MW-103	Combined Radium 226 + 228	5.05	NA	5.05	J+	3
MW-105	Radium-228	2.92	NA	2.92	J+	3
MW-105	Combined Radium 226 + 228	3.57	NA	3.57	J+	3
MW-106	Radium-228	1.56	NA	1.56	J+	3
MW-106	Combined Radium 226 + 228	1.80	NA	1.8	J+	3
MW-110	Radium-228	4.33	NA	4.33	J+	3
MW-110	Combined Radium 226 + 228	5.69	NA	5.69	J+	3
DUP-02	Radium-228	1.85	NA	1.85	J+	3
DUP-02	Combined Radium 226 + 228	2.67	NA	2.67	J+	3
MW-109	Radium-228	2.97	NA	2.97	J+	3
MW-109	Combined Radium 226 + 228	3.92	NA	3.92	J+	3

pCi/L-picocuries per liter
NA-not applicable

1.10 Field Duplicate

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RER ≤ 3) was demonstrated between the field duplicates and the original samples, MW-101, MW-105, MW-300, MW-206 and MW2032/GE-1D, 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.

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

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date: 7 January 2022

To: Lane Dorman

From: Kristoffer Henderson

CC: J. Caprio

Subject: Stage 2A Data Validation - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-207992-1 Revision 1, 400-207993-1, 400-208073-1, 400-208200-1, 400-208202-1 and 400-208203-1

SITE: Gulf Clean Energy Center

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of thirty-one aqueous samples, five field duplicates, three field blanks and three equipment blanks, collected 2-9 September 2021, as part of the Gulf Clean Energy Center 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
400-207992-1	EB-01
400-207992-2	FB-01
400-207992-3	MW-104
400-207992-4	MW-105
400-207992-5	MW-106
400-207992-6	MW-109
400-207992-7	MW-110
400-207992-8	DUP-02
400-207992-9	MW-102
400-207992-10	MW-103
400-207992-11	DUP-03
400-207993-1	MW-100
400-207993-2	MW-101
400-207993-3	MW-107
400-207993-4	MW-108
400-207993-5	MW-306
400-207993-6	MW-307
400-207993-7	DUP-01
400-208073-1	MW-300
400-208073-2	MW-303
400-208073-3	MW-304

Laboratory ID	Client ID
400-208073-4	MW-305
400-208073-5	MW-308
400-208200-1	MW-200
400-208200-2	MW-201
400-208200-3	MW-206
400-208200-4	EB-02
400-208200-5	FB-02
400-208200-6	DUP-04
400-208202-1	MW-202
400-208202-2	MW-203
400-208202-3	MW-204
400-208202-4	MW-205
400-208202-5	FB-03
400-208202-6	EB-03
400-208203-1	PZ-200S
400-208203-2	PZ-200D
400-208203-3	GSA-2S
400-208203-4	PZ-201D
400-208203-5	PZ-203D
400-208203-6	MW2032/GE-1D
400-208203-7	DUP-05

The chain of custody (COC) indicates the samples were received within the criteria of 0-6 degrees Celsius (°C). No preservation issues were noted by the laboratory.

Laboratory report 400-207992-1 was revised on December 20, 2021 to add missing QC for metals. The revised report was identified 400-207992-1 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 this sample 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%.

1.1.1 Analysis Anomaly

Sample Delivery Group (SDG) 400-207992-1

The laboratory noted the serial dilution using sample MW-104 was outside of the control limits. The laboratory was contacted, and boron was the metal outside of the control limits. Therefore, the boron concentration in sample MW-104 was J qualified as estimated.

SDGs 400-207992-1 and 400-207993-1

The laboratory noted the recovery of selenium in a bracketing continuing calibration verification (CCV) in batch 547755 was high and outside of the method specified acceptance criteria. Since selenium was not detected in the associated samples, no qualifications were applied to the data.

The laboratory noted relative standard deviations (RSDs) in the initial calibration verification (ICV) in batches 547755 and 547970 were high and outside of the method specified acceptance criteria. Since the recoveries of the ICVs were within the method specified acceptance criteria and based on professional and technical judgment, no qualifications were applied to the data.

SDGs 400-207992-1 and 400-208073-1

The laboratory noted the recovery of lithium in a bracketing CCV in batch 547970 was high and outside of the method specified acceptance criteria. Therefore, the lithium concentration in the associated sample was J qualified as estimated.

SDG 400-208073-1

The laboratory noted the recoveries of antimony and lithium in a bracketing CCV in batch 547970 were high and outside of the method specified acceptance criteria. Since antimony and lithium were not detected in the associated samples, no qualifications were applied to the data.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-104	Boron	8.7	NA	8.7	J	8
MW-103	Lithium	0.0027	I	0.0027	J	9

mg/L-milligram per liter
I-laboratory flag indicating estimated concentration greater than the method detection limit (MDL) and less than the reporting limit (RL)
NA-not applicable

1.2 Holding Time

The holding time for the metals analysis of a preserved 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 547093, 547095 and 548081). Metals were not detected in the method blanks above the method detection limits (MDLs), with the following exceptions.

SDG 400-207992-1

Chromium and lead were detected in the method blank in batch 547095 at estimated concentrations greater than the MDLs and less than the RLs. Since lead was not detected in the associated samples, no qualifications were applied to the lead data. However, the estimated chromium concentrations in the associated samples were U qualified as not detected at the reporting limit (RL).

SDG 400-208073-1

Lead and lithium were detected in the method blank in batch 547095 at estimated concentrations greater than the MDLs and less than the RLs. Since lead was not detected in the associated samples and lithium was detected at concentrations greater than the RL, no qualifications were applied to the data.

SDGs 400-208200-1, 400-208202-1 and 400-208203-1

Cadmium and lithium were detected in the method blank in batch 548081 at estimated concentrations greater than the MDLs and less than the RLs. Therefore, the estimated cadmium and lithium concentrations in the associated samples were U qualified as not detected at the RLs and the lithium concentration in sample MW2032/GE-1D was J+ qualified as estimated with high bias.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-03	Chromium	0.0013	I V	0.0025	U	3
MW-102	Chromium	0.0012	I V	0.0025	U	3
MW-201	Cadmium	0.0013	I V	0.0025	U	3
MW-201	Cadmium	0.0013	I V	0.0025	U	3
MW-201	Lithium	0.0033	I V	0.0050	U	3
MW-206	Cadmium	0.00044	I V	0.0025	U	3
DUP-04	Lithium	0.0030	I V	0.0050	U	3
MW-202	Cadmium	0.00036	I V	0.0025	U	3
MW-202	Lithium	0.0036	I V	0.0050	U	3
MW-203	Lithium	0.0049	I V	0.0050	U	3
EB-03	Lithium	0.0019	I V	0.0050	U	3
FB-03	Lithium	0.0030	I V	0.0050	U	3
MW2032/GE-1D	Lithium	0.0067	V	0.0067	J+	3

mg/L-milligram per liter
I-laboratory flag indicating estimated concentration greater than the MDL and less than the RL
V-laboratory flag indicating analyte was detected in both the sample and method blank

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). Two sample set specific MS/MSD pairs were reported using samples MW-104 and MW-203. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exception.

SDG 400-207992-1

Since the calcium and boron concentrations in sample MW-104 were greater than four times the spiked concentrations, no qualifications were applied to these metals based on the MS/MSD recovery results.

SDG 400-208202-1

Since the calcium concentration in sample MW-203 was greater than four times the spiked concentration, no qualifications were applied to the calcium result based on the MS/MSD recovery result.

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). Three LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

Three equipment blanks, EB-01, 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.

SDG 400-208200-1

Arsenic and boron were detected in EB-02 at estimated concentrations greater than the MDLs and less than the RLs. Therefore, the estimated arsenic and boron concentrations in the associated samples were U qualified as not detected at the RLs.

SDG 400-208202-1

Lithium was detected in EB-03 at an estimated concentration greater than the MDL and less than the RL. Since the lithium concentration in EB-03 was U qualified due to method blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-104	Arsenic	0.00084	I	0.0013	U	3
MW-106	Boron	0.021	I	0.050	U	3
MW-109	Arsenic	0.00048	I	0.0013	U	3
MW-110	Arsenic	0.00063	I	0.0013	U	3
MW-100	Arsenic	0.00059	I	0.0013	U	3
MW-100	Boron	0.021	I	0.050	U	3

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-107	Boron	0.018	I	0.050	U	3
MW-108	Boron	0.022	I	0.050	U	3
DUP-01	Boron	0.020	I	0.050	U	3
MW-300	Boron	0.022	I	0.050	U	3

mg/L-milligrams per liter
I-laboratory flag indicating estimated concentration greater than the MDL and less than the RL

1.7 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 exception.

SDG 400-208202-1

Lithium was detected in FB-03 at an estimated concentration greater than the MDL and less than the RL. Since the lithium concentration in FB-03 was U qualified due to method blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

1.8 Field Duplicate

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-108, MW-105, MW-102, MW-200 and PZ-200D, respectively, with the following exceptions.

For metals with both an estimated concentration greater than the MDL and less than the RL and a nondetect result, the RPD was not calculable. Therefore, based on professional and technical judgment these metals concentrations were J qualified as estimated and these non-detect metal results were UJ qualified as estimated less than the MDLs, with the following exceptions.

Since the cadmium concentration in MW-200 and lithium concentration in DUP-04 were U qualified due to method blank contamination and based on professional and technical judgment, no additional qualifications were applied to the cadmium and lithium results in field duplicate pair MW-200/DUP-04.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-105	Chromium	0.0011	I	NC	0.0011	J	7
DUP-02	Chromium	0.0010	U		0.0010	UJ	7

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-105	Thallium	0.00012	I	NC	0.00012	J	7
DUP-02	Thallium	0.00012	U		0.00012	UJ	7
MW-200	Cadmium	0.00060	I V	NC*	NA	NA	NA
DUP-04	Cadmium	0.00028	U		NA	NA	NA
MW-200	Lithium	0.0019	U	NC*	NA	NA	NA
DUP-04	Lithium	0.003	I V		NA	NA	NA
PZ-200D	Arsenic	0.00039	U	NC	0.00039	UJ	7
DUP-05	Arsenic	0.00061	I		0.00061	J	7

mg/L-milligrams per liter
I-laboratory flag indicating estimated concentration greater than the MDL and less than the RL
U-not detected at or above the MDL
V-laboratory flag indicating analyte was detected in both the sample and method blank
NC-not calculable
* no qualifications see reason above

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to the 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 sample 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 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). Three method blanks were reported. 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). Two sample set specific MS/MSD pairs were reported using samples MW-100 and MW-202. 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). Three LCSs were reported. The recovery results were within the laboratory specified acceptance criteria.

2.6 Equipment Blank

Three equipment blanks, EB-01, 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

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-108, MW-105, MW-102, MW-200 and PZ-200D, respectively.

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 sample 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 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 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 for TDS, chloride, sulfate and fluoride. The wet chemistry parameters were not detected in the method blanks above the MDLs, with the following exceptions.

SDG 400-207992-1

Fluoride was detected in the method blank in batch 546391 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated fluoride concentrations in the associated samples were U qualified as not detected at the RL.

SDG 400-207993-1

Fluoride was detected in the method blank in batch 546394 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated fluoride concentrations in the associated samples were U qualified as not detected at the RL.

SDGs 400-208200-1, 400-208202-1 and 400-208203-1

Fluoride was detected in the method blank in batch 547587 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated fluoride concentrations in the associated samples were U qualified as not detected at the RL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-105	Fluoride	0.070	I	0.10	U	3

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-109	Fluoride	0.050	I	0.10	U	3
MW-110	Fluoride	0.070	I	0.10	U	3
EB-01	Fluoride	0.040	I	0.10	U	3
DUP-02	Fluoride	0.080	I	0.10	U	3
MW-200	Fluoride	0.049	I V	0.10	U	3
MW-206	Fluoride	0.048	I V	0.10	U	3
EB-02	Fluoride	0.062	I V	0.10	U	3
DUP-04	Fluoride	0.041	I V	0.10	U	3
MW-202	Fluoride	0.041	I V	0.10	U	3
MW-203	Fluoride	0.038	I V	0.10	U	3
MW-205	Fluoride	0.057	I V	0.10	U	3
GSA-2S	Fluoride	0.070	I V	0.10	U	3
PZ-200D	Fluoride	0.037	I V	0.10	U	3
PZ-201D	Fluoride	0.037	I V	0.10	U	3

mg/L-milligram per liter
I- laboratory flag indicating an estimated concentration greater than the MDL and less than the RL
V-laboratory flag indicating analyte was detected in both the sample and method blank

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-102, MW-101 and MW-202, sulfate using samples MW-102, MW-100, MW-305, MW-202 and PZ-203D and fluoride using samples MW-107, MW-308, MW-206 and MW-100. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

SDG 400-207993-1

The RPD for fluoride in the MS/MSD pair using sample MW-100 was high and outside of the laboratory specified acceptance criteria. Therefore, the fluoride concentration in sample MW-100 was J qualified as estimated.

SDG 400-208073-1

The MS recovery and the RPD for fluoride in the MS/MSD pair using sample MW-308 was high and outside of the laboratory specified acceptance criteria. Therefore, the fluoride concentration in sample MW-308 was J qualified as estimated.

Batch MS/MSD pairs were also reported for sulfate 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.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-100	Fluoride	0.080	I	0.080	J	4
MW-308	Fluoride	0.17	NA	0.17	J	4

mg/L-milligram 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 laboratory also analyzed method reporting limit (MRL) standards for chloride and sulfate. The recovery results were within the laboratory specified acceptance criteria.

3.6 Laboratory Duplicate

Three sample set specific laboratory duplicates were reported for TDS using samples MW-305 MW-307, and MW-206. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

SDG 400-207993-1

TDS was not detected in sample MW-307 and was detected in the laboratory duplicate using sample MW-307 at a concentration greater than the RL, resulting in a noncalculable RPD. Therefore, the non-detect TDS result in MW-307 was UJ qualified as estimated less than the RL.

SDG 400-208073-1

The RPD for TDS in the laboratory duplicate using sample MW-305 was high and outside of the laboratory specified acceptance criteria. Therefore, the TDS concentration in sample MW-305 was J qualified as estimated.

SDG 400-208200-1

The RPD for TDS in the laboratory duplicate using sample MW-206 was high and outside of the laboratory specified acceptance criteria. Therefore, the TDS concentration in sample MW-206 was J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-307	TDS	5.0	U	5.0	UJ	12
MW-305	TDS	24	NA	24	J	12

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-206	TDS	1700	NA	1700	J	12

mg/L-milligram per liter
U-not detected at or above the RL
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

Three equipment blanks, EB-01, 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, with the following exceptions.

SDG 400-207992-1

Fluoride was detected in EB-01 at an estimated concentration greater than the MDL and less than the RL. Since the fluoride concentration in EB-01 was U qualified due to method blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

SDG 400-208200-1

Chloride (2.7 mg/L) was detected at a concentration greater than the RL and fluoride was detected at an estimated concentration greater than the MDL and less than the RL in EB-02 at estimated concentrations greater than the MDLs and less than the RLs. Since the fluoride concentration in EB-02 was U qualified due to method blank contamination, no additional qualifications were applied to the fluoride data. However, the chloride concentrations in the associated samples greater than the 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	Chloride	6.1	NA	6.1	J+	3
MW-103	Chloride	12	NA	12	J+	3
MW-105	Chloride	10	NA	10	J+	3
MW-106	Chloride	4.4	NA	4.4	J+	3
DUP-02	Chloride	10	NA	10	J+	3
DUP-03	Chloride	6.3	NA	6.3	J+	3
MW-100	Chloride	5.8	NA	5.8	J+	3

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-101	Chloride	5.1	NA	5.1	J+	3
MW-107	Chloride	5.1	NA	5.1	J+	3
MW-108	Chloride	5.2	NA	5.2	J+	3
MW-306	Chloride	5.9	NA	5.9	J+	3
MW-307	Chloride	5.1	NA	5.1	J+	3
DUP-01	Chloride	5.2	NA	5.2	J+	3
MW-300	Chloride	8.3	NA	8.3	J+	3
MW-304	Chloride	25	NA	25	J+	3
MW-305	Chloride	7.0	NA	7.0	J+	3

mg/L-milligram per liter
NA-not applicable

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

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-108, MW-105, MW-102, MW-200 and PZ-200D, respectively, with the following exceptions.

The RPD of TDS in field duplicate pair MW-108/DUP-01 was greater than 30%; therefore, the TDS concentrations in field duplicate pair MW-108/DUP-01 were J qualified as estimated.

For the wet chemistry results with both a concentration greater than the MDL and a nondetect result, the RPD was not calculable. Therefore, based on professional and technical judgment these wet chemistry concentrations were J qualified as estimated and these non-detect wet chemistry results were UJ qualified as estimated less than the MDLs.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-108	TDS	8.0	NA	55	8.0	J	7
DUP-01	TDS	14	NA		14	J	7
MW-108	Fluoride	0.032	U	NC	0.032	UJ	7
DUP-01	Fluoride	0.04	I		0.040	J	7
MW-102	TDS	10	NA	NC	10	J	7
DUP-03	TDS	5.0	U		5.0	UJ	7

mg/L-milligrams per liter

U- laboratory flag indicating not detected at or above the MDL
NA-not applicable
NC-not calculable

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 of limits
5	LCS recovery outside of limits or RPD outside of limits (LCS/LCSD)
6	Surrogate recovery outside of 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

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date:	6 December 2021
To:	Lane Dorman
From:	Kristoffer Henderson
CC:	J. Caprio
Subject:	**Stage 2A Data Validation - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-207992-2, 400-207993-2, 400-208073-2, 400-208200-2, 400-208202-2 and 400-208203-2**

SITE: Gulf Clean Energy Center

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of thirty-one aqueous samples, five field duplicates, three field blanks and three equipment blanks, collected 2-9 September 2021, as part of the Gulf Clean Energy Center 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

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
- 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
400-207992-1	EB-01
400-207992-2	FB-01
400-207992-3	MW-104
400-207992-4	MW-105
400-207992-5	MW-106
400-207992-6	MW-109
400-207992-7	MW-110
400-207992-8	DUP-02
400-207992-9	MW-102
400-207992-10	MW-103
400-207992-11	DUP-03
400-207993-1	MW-100
400-207993-2	MW-101
400-207993-3	MW-107
400-207993-4	MW-108
400-207993-5	MW-306
400-207993-6	MW-307
400-207993-7	DUP-01
400-208073-1	MW-300
400-208073-2	MW-303
400-208073-3	MW-304

Laboratory ID	Client ID
400-208073-4	MW-305
400-208073-5	MW-308
400-208200-1	MW-200
400-208200-2	MW-201
400-208200-3	MW-206
400-208200-4	EB-02
400-208200-5	FB-02
400-208200-6	DUP-04
400-208202-1	MW-202
400-208202-2	MW-203
400-208202-3	MW-204
400-208202-4	MW-205
400-208202-5	FB-03
400-208202-6	EB-03
400-208203-1	PZ-200S
400-208203-2	PZ-200D
400-208203-3	GSA-2S
400-208203-4	PZ-201D
400-208203-5	PZ-203D
400-208203-6	MW2032/GE-1D
400-208203-7	DUP-05

No preservation issues were noted by the laboratory.

The following discrepancies were found on the chain of custody (COC) forms but did not result in qualifications:

- 400-207992-2 - 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.
- 400-207992-2 – There was a time discrepancy for the sample transfer on page one of the COC. The relinquished by time was documented 9/3/21 1604 and the received by time was documented as 9/3/21 6011.

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 sample 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 sample set is 100%.

1.2 Holding Times

The holding time for the radium-226 and radium-228 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). Four method blanks were reported for radium-226 (batches 526914, 526810, 526912 and 527062) and four method blanks were reported for radium-228 (batches 526924, 526812, 526923 and 527070). The radiochemistry parameters were not detected in the method blanks above the minimum detectable concentrations (MDCs), with the following exceptions.

400-207993-2 and 400-208073-2 - Radium-228 (0.5191 pCi/L) was detected in the method blank in batch 526812 at a concentration greater than the MDC. Therefore, based on professional and technical judgment the radium-228 concentration in sample MW-307 was U qualified as not detected at the reported concentration and the combined radium 226 + 228 concentration in sample MW-307 and the radium-228 and combined radium 226 + 228 concentrations in samples MW-

100, MW-101, MW-107, MW-108, MW-300, MW-306 and DUP-01 were J+ qualified as estimated with high biases.

400-208202-2 and 400-208203-2 - Radium-228 (0.2537 pCi/L) was detected in the method blank in batch 527062 at a concentration greater than the MDC. Therefore, the radium-228 concentrations in samples MW-205 and MW2032/GE-1D were J+ qualified as estimated with high biases.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result	Validation Qualifier*	Reason Code**
MW-100	Radium-228	0.909	NA	0.909	J+	3
MW-100	Combined Radium 226 + 228	1.65	NA	1.65	J+	3
MW-101	Radium-228	0.732	NA	0.732	J+	3
MW-101	Combined Radium 226 + 228	0.975	NA	0.975	J+	3
MW-107	Radium-228	1.13	NA	1.13	J+	3
MW-107	Combined Radium 226 + 228	1.75	NA	1.75	J+	3
MW-108	Radium-228	1.86	NA	1.86	J+	3
MW-108	Combined Radium 226 + 228	2.13	NA	2.13	J+	3
MW-306	Radium-228	0.629	NA	0.629	J+	3
MW-306	Combined Radium 226 + 228	0.856	NA	0.856	J+	3
MW-307	Radium-228	0.505	NA	0.505	U	3
MW-307	Combined Radium 226 + 228	0.951	NA	0.951	J+	3
DUP-01	Radium-228	1.70	NA	1.70	J+	3
DUP-01	Combined Radium 226 + 228	2.26	NA	2.26	J+	3
MW-205	Radium-228	1.28	NA	1.28	J+	3
MW2032/GE-1D	Radium-228	1.07	NA	1.07	J+	3
MW-300	Radium-228	4.65	NA	4.65	J+	3
MW-300	Combined Radium 226 + 228	5.47	NA	5.47	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

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

One batch MS/MSD pair was reported for radium-226 and one MS/MSD pair was reported for radium-228. 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). One LCS and three LCS/laboratory control sample duplicate (LCSD) pairs were reported for radium-226 and one LCS and three 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 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

Three equipment blanks were collected with the sample set, EB-01, EB-02 and EB-03. The radiochemistry parameters were not detected in the equipment blanks above the MDCs, with the following exception.

400-208200-2 - Radium-228 (1.25 pCi/L) was detected in EB-02 at a concentration greater than the MDC. Therefore, based on professional and technical judgment the radium-228 concentrations in the associated samples greater than the MDCs and less than the equipment blank concentration were U qualified as not detected at the reported concentrations and the radium-228 concentrations in the associated samples greater than the equipment blank concentration and less than ten times the equipment blank concentration were J+ qualified as estimated with high biases. In addition, the combined radium 226 + 228 concentrations in samples MW-102, MW-103, MW-109, MW-110, DUP-03, MW-300, MW-303, MW-304, MW-305, MW-308, MW-200, MW-201, MW-206, DUP-04, MW-202, MW-203 and MW-204 were J+ qualified as estimated with high biases.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result	Validation Qualifier	Reason Code
MW-102	Radium-228	1.04	NA	1.04	U	3
MW-102	Combined Radium 226 + 228	1.47	NA	1.47	J+	3
MW-103	Radium-228	3.50	NA	3.50	J+	3
MW-103	Combined Radium 226 + 228	4.59	NA	4.59	J+	3
MW-105	Radium-228	1.03	NA	1.03	U	3
MW-109	Radium-228	3.59	NA	3.59	J+	3
MW-109	Combined Radium 226 + 228	5.26	NA	5.26	J+	3
MW-110	Radium-228	3.14	NA	3.14	J+	3
MW-110	Combined Radium 226 + 228	4.72	NA	4.72	J+	3
DUP-03	Radium-228	1.09	NA	1.09	U	3
DUP-03	Combined Radium 226 + 228	1.64	NA	1.64	J+	3

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result	Validation Qualifier	Reason Code
MW-300	Radium-228	4.65	NA	4.65	J+	3
MW-300	Combined Radium 226 + 228	5.47	NA	5.47	J+	3
MW-303	Radium-228	5.34	NA	5.34	J+	3
MW-303	Combined Radium 226 + 228	6.02	NA	6.02	J+	3
MW-304	Radium-228	4.60	NA	4.60	J+	3
MW-304	Combined Radium 226 + 228	6.19	NA	6.19	J+	3
MW-305	Radium-228	0.958	NA	0.958	U	3
MW-305	Combined Radium 226 + 228	1.60	NA	1.60	J+	3
MW-308	Radium-228	1.64	NA	1.64	J+	3
MW-308	Combined Radium 226 + 228	2.42	NA	2.42	J+	3
MW-200	Radium-228	2.82	NA	2.82	J+	3
MW-200	Combined Radium 226 + 228	4.54	NA	4.54	J+	3
MW-201	Radium-228	5.93	NA	5.93	J+	3
MW-201	Combined Radium 226 + 228	8.42	NA	8.42	J+	3
MW-206	Radium-228	3.51	NA	3.51	J+	3
MW-206	Combined Radium 226 + 228	6.25	NA	6.25	J+	3
DUP-04	Radium-228	1.29	NA	1.29	J+	3
DUP-04	Combined Radium 226 + 228	3.09	NA	3.09	J+	3
MW-202	Radium-228	0.653	NA	0.653	U	3
MW-202	Combined Radium 226 + 228	1.14	NA	1.14	J+	3
MW-203	Radium-228	2.34	NA	2.34	J+	3
MW-203	Combined Radium 226 + 228	3.50	NA	3.50	J+	3
MW-204	Radium-228	9.07	NA	9.07	J+	3
MW-204	Combined Radium 226 + 228	10.2	NA	10.2	J+	3

pCi/L-picocuries per liter
NA-not applicable

1.8 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.

1.9 Field Duplicate

Five field duplicates were collected with the sample set, DUP-01, DUP-02, DUP-03, DUP-04 and DUP-05. Acceptable precision (RER ≤ 3) was demonstrated between the field duplicates and the original samples, MW-108, MW-105, MW-102, MW-200 and PZ-200D, respectively, with the following exception.

The RER of combined radium 226 + 228 in field duplicate pair MW-200/DUP-04 was greater than 3; therefore, the combined radium 226 + 228 concentrations in field duplicate pair MW-200/DUP-04 were J qualified as estimated.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	RER	Validation Result	Validation Qualifier	Reason Code
MW-200	Combined Radium 226 + 228	4.54	NA	3.5	4.54	J	7
DUP-04	Combined Radium 226 + 228	3.09	NA		3.09	J	7

pCi/L-picocuries per liter
NA-not applicable
RER-replicate error ratio

1.10 Sensitivity

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

1.11 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

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

APPENDIX B

Statistical Analyses – March 2021
Semi-Annual Monitoring

SPRING 2021

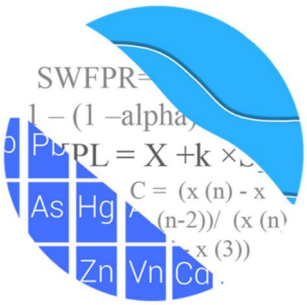
GROUNDWATER STATISTICAL ANALYSIS

FOR

GULF CLEAN ENERGY CENTER

Prepared by:

Groundwater Stats Consulting LLC



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GROUNDWATER STATS CONSULTING

June 18, 2021

Geosyntec Consultants
Attn: Mr. Benjamin K. Amos, Ph.D., P.E.
1255 Roberts Boulevard, Suite 200
Kennesaw, GA 30144

Re: Gulf Clean Energy Center
Statistical Analysis – April 2021 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 2021 sample event at Gulf Clean Energy Center. 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 Gulf Clean Energy Center 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, and MW-307
- **Ash Landfill No. 1 (100 Series):** MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, and MW-110
- **Gypsum Storage Area (200 Series):** MW-200, MW-201, and MW-206

- **Ash Landfill No. 2 (300 Series):** MW-300, MW-303, MW-304, MW-305, and MW-308

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Senior Statistician and Founder of 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 include the upgradient wells 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, parametric 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 non-detects, 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. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect 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% non-detects.

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 non-detects. This is done on an individual well basis for intrawell prediction limits and confidence intervals; therefore, 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 the interwell case, prediction limits are updated with upgradient well data following each sampling event after careful screening for any new outliers. In some cases, deselecting the earlier portion of data may be necessary prior to construction of limits so that resulting statistical limits are conservative (lower) from a regulatory perspective and capable of rapidly detecting 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 initially screened for outliers, trends, and appropriate statistical methodology in October of 2017 and data sets 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 Gulf Clean Energy Center 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 is analyzed using intrawell prediction limits at each of the 200 and 300 series wells along with all upgradient wells, 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 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 – April 2021

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 as discussed previously. 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 2021 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 which is tested using intrawell prediction limits.

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. Several statistically increasing and decreasing trends were noted among upgradient and downgradient wells. Complete tabular and graphical results of the trend tests follow this letter.

Evaluation of Appendix IV Parameters – April 2021

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 distinctly 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 does combined radium 226 + 228. When data contained greater than 50% non-detects 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 June 2018 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
Combined Radium 226 + 228:	MW-303
Molybdenum:	MW-303

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Gulf Clean Energy Center. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Abdul Diane
Groundwater Analyst

Kristina Rayner
Groundwater Statistician

Outlier Summary

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:36 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)		

Date Ranges

Date: 6/18/2021 10:44 AM

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Cobalt (mg/L)

MW-304 overall:6/7/2018-4/1/2021

100% Non-Detects - 100 Series

Analysis Run 6/17/2021 5:04 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Antimony (mg/L)
MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110

Arsenic (mg/L)
MW-106

Beryllium (mg/L)
MW-103, MW-105, MW-106

Cadmium (mg/L)
MW-102, MW-103, MW-105, MW-106

Fluoride (mg/L)
MW-102, MW-106, MW-109

Mercury (mg/L)
MW-105

Molybdenum (mg/L)
MW-102, MW-103, MW-104, MW-106, MW-109, MW-110

Selenium (mg/L)
MW-106

Thallium (mg/L)
MW-106

100% Non-Detects - 200 Series

Analysis Run 6/17/2021 5:12 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Antimony (mg/L)
MW-200

Chromium (mg/L)
MW-200

100% Non-Detects - 300 Series

Analysis Run 6/17/2021 5:19 PM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Antimony (mg/L)
MW-300, MW-303, MW-304, MW-305, MW-308

Arsenic (mg/L)
MW-300

Beryllium (mg/L)
MW-300, MW-304, MW-305, MW-308

Lead (mg/L)
MW-305, MW-308

Mercury (mg/L)
MW-303

Molybdenum (mg/L)
MW-300

Selenium (mg/L)
MW-300

Thallium (mg/L)
MW-300, MW-305

Appendix III Interwell Prediction Limits - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:31 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	3/30/2021	0.23	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	3/31/2021	8.9	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	3/30/2021	0.22	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	3/31/2021	0.2	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	3/31/2021	3.8	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.512	n/a	3/30/2021	3.6	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.512	n/a	3/31/2021	74	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.512	n/a	3/30/2021	68	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.512	n/a	3/31/2021	3.3	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.512	n/a	3/31/2021	23	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	7.036	n/a	3/30/2021	12	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.036	n/a	3/31/2021	120	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	7.036	n/a	3/30/2021	18	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.036	n/a	3/31/2021	18	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.036	n/a	3/31/2021	110	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	3/31/2021	3.7	Yes	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	3/31/2021	0.34	Yes	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	4	n/a	3/30/2021	32	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	4	n/a	3/31/2021	670	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	4	n/a	3/30/2021	7.6	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	4	n/a	3/31/2021	15	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	4	n/a	3/31/2021	250	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	3/30/2021	170	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	3/31/2021	1100	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	3/30/2021	340	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	3/31/2021	620	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:23 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	3/30/2021	0.018ND	No	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**3/30/2021**	**0.23**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**3/31/2021**	**8.9**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**3/30/2021**	**0.22**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	3/30/2021	0.018ND	No	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**3/31/2021**	**0.2**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**3/31/2021**	**3.8**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.512	n/a	3/30/2021	0.47	No	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.512**	**n/a**	**3/30/2021**	**3.6**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.512**	**n/a**	**3/31/2021**	**74**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.512**	**n/a**	**3/30/2021**	**68**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.512	n/a	3/30/2021	0.49	No	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.512**	**n/a**	**3/31/2021**	**3.3**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.512**	**n/a**	**3/31/2021**	**23**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	7.036	n/a	3/30/2021	6.4	No	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**7.036**	**n/a**	**3/30/2021**	**12**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**7.036**	**n/a**	**3/31/2021**	**120**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**7.036**	**n/a**	**3/30/2021**	**18**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	7.036	n/a	3/30/2021	5	No	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.036**	**n/a**	**3/31/2021**	**18**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.036**	**n/a**	**3/31/2021**	**110**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	3/30/2021	4.82	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	3/30/2021	5.04	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**3/31/2021**	**3.7**	**Yes**	**107**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003452**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	3/30/2021	6.31	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	3/30/2021	4.98	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	3/31/2021	4.64	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	3/31/2021	4.85	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	3/30/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	3/30/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**3/31/2021**	**0.34**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	3/30/2021	0.04	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	3/30/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	3/31/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	3/31/2021	0.04	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	4	n/a	3/30/2021	1.4ND	No	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**4**	**n/a**	**3/30/2021**	**32**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**4**	**n/a**	**3/31/2021**	**670**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**4**	**n/a**	**3/30/2021**	**7.6**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	4	n/a	3/30/2021	1.4ND	No	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**4**	**n/a**	**3/31/2021**	**15**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**4**	**n/a**	**3/31/2021**	**250**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	3/30/2021	32	No	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-103**	**110**	**n/a**	**3/30/2021**	**170**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**3/31/2021**	**1100**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**3/30/2021**	**340**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	3/30/2021	12	No	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	3/31/2021	66	No	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**3/31/2021**	**620**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:37 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**	**4/1/2021**	**2.9**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**4/1/2021**	**4**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**4/1/2021**	**19**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.386**	**n/a**	**4/1/2021**	**290**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.845**	**n/a**	**4/1/2021**	**130**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.845**	**n/a**	**4/1/2021**	**140**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.845**	**n/a**	**4/1/2021**	**510**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**4/1/2021**	**0.5**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-200**	**4**	**n/a**	**4/1/2021**	**84**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4**	**n/a**	**4/1/2021**	**110**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4**	**n/a**	**4/1/2021**	**200**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**4/1/2021**	**640**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**4/1/2021**	**650**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**4/1/2021**	**2300**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:37 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**	**4/1/2021**	**2.9**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**4/1/2021**	**4**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**4/1/2021**	**19**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.386**	**n/a**	**4/1/2021**	**290**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.845**	**n/a**	**4/1/2021**	**130**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.845**	**n/a**	**4/1/2021**	**140**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.845**	**n/a**	**4/1/2021**	**510**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	4/1/2021	0.07	No	108	n/a	n/a	97.22	n/a	n/a	0.0001703	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**4/1/2021**	**0.5**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	4/1/2021	0.07	No	108	n/a	n/a	97.22	n/a	n/a	0.0001703	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**4**	**n/a**	**4/1/2021**	**84**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4**	**n/a**	**4/1/2021**	**110**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4**	**n/a**	**4/1/2021**	**200**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**4/1/2021**	**640**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**4/1/2021**	**650**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**4/1/2021**	**2300**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**

Appendix III Intrawell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:44 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	3/29/2021	4.79	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	3/29/2021	4.92	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	3/29/2021	4.89	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	3/29/2021	4.8	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	4/1/2021	5.06	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	4/1/2021	4.52	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	4/1/2021	4.59	No	14	4.319	0.1573	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-306	5.438	4.624	3/29/2021	4.93	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	3/29/2021	5.46	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

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/14/2021, 3:53 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-303**	**0.081**	**n/a**	**4/1/2021**	**3.5**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**4/1/2021**	**3.2**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**4/1/2021**	**5.1**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-303**	**1.466**	**n/a**	**4/1/2021**	**97**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.466**	**n/a**	**4/1/2021**	**170**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.466**	**n/a**	**4/1/2021**	**73**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.968**	**n/a**	**3/31/2021**	**8.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.968**	**n/a**	**4/1/2021**	**48**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.968**	**n/a**	**4/1/2021**	**71**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.968**	**n/a**	**4/1/2021**	**7.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.968**	**n/a**	**4/1/2021**	**96**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**4/1/2021**	**0.26**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**4/1/2021**	**0.19**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-300**	**4**	**n/a**	**3/31/2021**	**18**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-303**	**4**	**n/a**	**4/1/2021**	**320**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**4**	**n/a**	**4/1/2021**	**750**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**4**	**n/a**	**4/1/2021**	**190**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**4/1/2021**	**600**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**4/1/2021**	**1200**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**4/1/2021**	**560**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/14/2021, 3:53 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-300	0.081	n/a	3/31/2021	0.046	No	108	n/a	n/a	86.11	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**4/1/2021**	**3.5**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**4/1/2021**	**3.2**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	4/1/2021	0.035	No	108	n/a	n/a	86.11	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**4/1/2021**	**5.1**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.466	n/a	3/31/2021	0.3	No	108	-0.3772	0.4212	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.466**	**n/a**	**4/1/2021**	**97**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.466**	**n/a**	**4/1/2021**	**170**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-305	1.466	n/a	4/1/2021	0.61	No	108	-0.3772	0.4212	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-308**	**1.466**	**n/a**	**4/1/2021**	**73**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.968**	**n/a**	**3/31/2021**	**8.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.968**	**n/a**	**4/1/2021**	**48**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.968**	**n/a**	**4/1/2021**	**71**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.968**	**n/a**	**4/1/2021**	**7.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.968**	**n/a**	**4/1/2021**	**96**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	3/31/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**4/1/2021**	**0.26**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	4/1/2021	0.04	No	108	n/a	n/a	97.22	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	4/1/2021	0.032	No	108	n/a	n/a	97.22	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**4/1/2021**	**0.19**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-300**	**4**	**n/a**	**3/31/2021**	**18**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-303**	**4**	**n/a**	**4/1/2021**	**320**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**4**	**n/a**	**4/1/2021**	**750**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-305	4	n/a	4/1/2021	1.9	No	107	n/a	n/a	76.64	n/a	n/a	0.000173	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**4**	**n/a**	**4/1/2021**	**190**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	3/31/2021	48	No	108	n/a	n/a	25	n/a	n/a	0.0001701	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**4/1/2021**	**600**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**4/1/2021**	**1200**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	4/1/2021	52	No	108	n/a	n/a	25	n/a	n/a	0.0001701	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**4/1/2021**	**560**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**

Appendix III Intrawell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:52 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	3/29/2021	4.79	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	3/29/2021	4.92	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	3/29/2021	4.89	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	3/29/2021	4.8	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	3/31/2021	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	4/1/2021	6.46	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	4/1/2021	5.81	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	4/1/2021	4.83	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	3/29/2021	4.93	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	3/29/2021	5.46	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	4/1/2021	6.55	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

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.05306**	**76**	**68**	**Yes**	**18**	**22.22**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.3862**	**99**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**2.161**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.757**	**96**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1171**	**-92**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	1	68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-18	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.01995	-33	-74	No	19	15.79	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0.03933	23	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	0.04178	20	74	No	19	10.53	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-5	-68	No	18	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.05306**	**76**	**68**	**Yes**	**18**	**22.22**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.2528	59	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04554	61	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01549	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-103	-0.2021	-73	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-104	3.358	65	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	1.236	22	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02277	-45	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07081	58	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-109**	**0.3862**	**99**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	1.736	33	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1916	63	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**2.161**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	-1	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	0	-1	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.07414	-30	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.757**	**96**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	4.687	17	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1719	58	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02215	-23	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01718	-14	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.007087	13	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.01132	-4	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.00306	3	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1171**	**-92**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	1	68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.0198	-40	-74	No	19	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-6	-63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	11	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.22	-38	-74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	42.37	29	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	0.306	1	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3561	67	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-109	-0.2911	-11	-74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	16.74	59	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-13	-68	No	18	88.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.229	38	68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.42	25	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-103	7.122	27	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	0	-5	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	6.642	15	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.057	41	68	No	18	38.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.598	31	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	35.42	45	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	1.244	9	68	No	18	16.67	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:39 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-7.358**	**-134**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-6.791**	**-115**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-18.88**	**-143**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-174.1**	**-141**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-178.7**	**-127**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-563.7**	**-159**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-318.1**	**-115**	**-74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-372.8**	**-103**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1197**	**-139**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-72.78**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-96.52**	**-133**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-125.9**	**-132**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-1044**	**-140**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1043**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2751**	**-120**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:39 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	1	68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-18	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-5	-68	No	18	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-7.358**	**-134**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-6.791**	**-115**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-18.88**	**-143**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04554	61	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01549	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02277	-45	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07081	58	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-200**	**-174.1**	**-141**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-178.7**	**-127**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-563.7**	**-159**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.005989	15	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1916	63	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.07414	-30	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-318.1**	**-115**	**-74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-372.8**	**-103**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1197**	**-139**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.1719	58	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	1	68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.02686	-18	-74	No	19	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-6	-63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	11	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3561	67	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-200**	**-72.78**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-96.52**	**-133**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-125.9**	**-132**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-13	-68	No	18	88.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.229	42	68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.42	25	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9225	27	68	No	18	38.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8718	31	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-1044**	**-140**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1043**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2751**	**-120**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.339	52	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.7266	7	68	No	18	16.67	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-303**	**0.04328**	**88**	**74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.02641**	**92**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-26.32**	**-100**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	1	68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-18	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-5	-68	No	18	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.09865	20	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.3008	58	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.4412	-39	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04554	61	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01549	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02277	-45	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07081	58	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-303	5.426	59	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	0	-14	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.005989	15	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-3.453	-49	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1916	63	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.07414	-30	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-300	0.03276	15	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	6.662	33	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-5.651	-22	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.09389	27	74	No	19	5.263	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.1719	58	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	5.113	16	74	No	19	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	1	68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-303**	**0.04328**	**88**	**74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-306 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.02641**	**92**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-6	-63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	11	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3561	67	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-300	0	17	68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-303	9.656	25	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-10.1	-14	-74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-13	-68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-26.32**	**-100**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.229	42	68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.42	25	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9225	27	68	No	18	38.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8718	31	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	30.54	30	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-29.04	-16	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.339	52	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.7266	7	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-28.13	-47	-74	No	19	0	n/a	n/a	0.01	NP

Appendix IV - Upper Tolerance Limits

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 7:07 PM

Constituent	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	0.0015	n/a	n/a	n/a	n/a	90	100	n/a	0.009888	NP Inter(NDs)
Arsenic (mg/L)	0.0013	n/a	n/a	n/a	n/a	102	81.37	n/a	0.005343	NP Inter(NDs)
Barium (mg/L)	0.023	n/a	n/a	n/a	n/a	102	0	n/a	0.005343	NP Inter(normality)
Beryllium (mg/L)	0.0015	n/a	n/a	n/a	n/a	102	88.24	n/a	0.005343	NP Inter(NDs)
Cadmium (mg/L)	0.00028	n/a	n/a	n/a	n/a	102	100	n/a	0.005343	NP Inter(NDs)
Chromium (mg/L)	0.0059	n/a	n/a	n/a	n/a	101	86.14	n/a	0.005625	NP Inter(NDs)
Cobalt (mg/L)	0.0032	n/a	n/a	n/a	n/a	102	37.25	n/a	0.005343	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	2.596	n/a	n/a	n/a	n/a	102	2.941	ln(x)	0.05	Inter
Fluoride (mg/L)	0.12	n/a	n/a	n/a	n/a	108	97.22	n/a	0.003928	NP Inter(NDs)
Lead (mg/L)	0.001	n/a	n/a	n/a	n/a	102	93.14	n/a	0.005343	NP Inter(NDs)
Lithium (mg/L)	0.0054	n/a	n/a	n/a	n/a	101	67.33	n/a	0.005625	NP Inter(normality)
Mercury (mg/L)	0.00025	n/a	n/a	n/a	n/a	102	94.12	n/a	0.005343	NP Inter(NDs)
Molybdenum (mg/L)	0.0045	n/a	n/a	n/a	n/a	102	97.06	n/a	0.005343	NP Inter(NDs)
Selenium (mg/L)	0.0025	n/a	n/a	n/a	n/a	102	81.37	n/a	0.005343	NP Inter(NDs)
Thallium (mg/L)	0.00012	n/a	n/a	n/a	n/a	102	100	n/a	0.005343	NP Inter(NDs)

GULF CLEAN ENERGY CENTER GWPS				
Constituent Name	**MCL**	**CCR Rule-Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0015	0.006
Arsenic, Total (mg/L)	0.01		0.0013	0.01
Barium, Total (mg/L)	2		0.023	2
Beryllium, Total (mg/L)	0.004		0.0015	0.004
Cadmium, Total (mg/L)	0.005		0.0028	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		2.6	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	0.0054	0.04
Mercury, Total (mg/L)	0.002		0.00025	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.0045	0.1
Selenium, Total (mg/L)	0.05		0.0025	0.05
Thallium, Total (mg/L)	0.002		0.00012	0.002

MCL = Maximum Contaminant Level

GWPS = Groundwater Protection Standard

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01444**	**0.006**	**Yes**	**17**	**0.005217**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.52**	**13.11**	**5**	**Yes**	**17**	**4.315**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.214**	**5.54**	**5**	**Yes**	**17**	**1.336**	**0**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006004**	**0.00373**	**0.002**	**Yes**	**17**	**0.001815**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0005	0.00039	0.01	No	17	0.00002668	94.12	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	17	0.00042	82.35	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.007133	0.00258	0.01	No	17	0.003633	5.882	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0046	0.0035	0.01	No	17	0.001159	0	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.0011	0.00025	0.01	No	17	0.0001776	88.24	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.0005	0.0002	0.01	No	17	0.0001161	58.82	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.012	0.0085	2	No	17	0.001441	0	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.06013	0.04152	2	No	17	0.01485	0	No	0.01	Param.
Barium (mg/L)	MW-104	0.02536	0.02017	2	No	17	0.004146	0	No	0.01	Param.
Barium (mg/L)	MW-105	0.04739	0.03602	2	No	17	0.009074	0	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0096	2	No	17	0.001966	0	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.0225	0.01832	2	No	17	0.003337	0	No	0.01	Param.
Barium (mg/L)	MW-110	0.04593	0.03407	2	No	17	0.009467	0	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.00017	0.00011	0.004	No	17	0.00001455	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001174	0.0007686	0.004	No	17	0.0003234	0	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.00017	0.000044	0.004	No	17	0.00003056	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.00017	0.00013	0.004	No	17	0.00002245	88.24	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00052	0.00028	0.005	No	17	0.0001451	47.06	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.00028	0.000078	0.005	No	17	0.00004899	94.12	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.00032	0.00011	0.005	No	17	0.00004294	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	17	0.0004715	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	17	0.001068	76.47	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.002168	0.001193	0.1	No	17	0.0006257	23.53	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002586	0.001944	0.1	No	17	0.0005123	5.882	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0019	0.001	0.1	No	17	0.0002183	94.12	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.016	0.001	0.1	No	17	0.003638	94.12	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0016	0.00042	0.1	No	17	0.0002545	82.35	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.00056	0.00023	0.006	No	17	0.0001218	88.24	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.00064	0.00044	0.006	No	17	0.0001789	64.71	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01444**	**0.006**	**Yes**	**17**	**0.005217**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.00087	0.00037	0.006	No	17	0.00009061	88.24	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.00061	0.00044	0.006	No	17	0.0001477	29.41	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-109	0.006158	0.003554	0.006	No	17	0.002078	0	No	0.01	Param.
Cobalt (mg/L)	MW-110	0.01209	0.005645	0.006	No	17	0.006468	0	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-102	1.797	1.204	5	No	17	0.5258	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.858	4.906	5	No	17	1.558	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.52**	**13.11**	**5**	**Yes**	**17**	**4.315**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.353	2.714	5	No	17	1.307	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.325	0.7503	5	No	17	0.5022	5.882	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.732	1.621	5	No	17	0.8868	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.214**	**5.54**	**5**	**Yes**	**17**	**1.336**	**0**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.037	0.032	4	No	18	0.04897	88.89	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3538	0.2483	4	No	19	0.09012	0	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.04	0.032	4	No	18	0.003968	66.67	No	0.01	NP (normality)
Fluoride (mg/L)	MW-110	0.04	0.032	4	No	18	0.003948	61.11	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.00029	0.00018	0.015	No	17	0.00004375	88.24	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00029	0.00011	0.015	No	17	0.00004366	94.12	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002386	0.001849	0.015	No	17	0.000429	0	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	17	0.0001584	88.24	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00029	0.015	No	17	0.00002425	94.12	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	17	0.0002493	76.47	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.00033	0.00029	0.015	No	17	0.00003223	70.59	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.0019	0.0014	0.04	No	17	0.0003016	82.35	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.0017	0.04	No	17	0.0005977	47.06	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.0339	0.02	0.04	No	17	0.01189	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.0019	0.00039	0.04	No	17	0.0003662	94.12	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0035	0.0012	0.04	No	17	0.001497	64.71	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006568	0.005109	0.04	No	17	0.001236	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.01145	0.0077	0.04	No	17	0.002995	0	No	0.01	Param.
Mercury (mg/L)	MW-102	0.000094	0.00007	0.002	No	17	0.000007971	88.24	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00012	0.00007	0.002	No	17	0.0001335	82.35	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001307	0.0007255	0.002	No	17	0.000514	0	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-106	0.00008	0.00007	0.002	No	17	0.000002425	94.12	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.00035	0.00007	0.002	No	17	0.0008245	70.59	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.006004**	**0.00373**	**0.002**	**Yes**	**17**	**0.001815**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-105	0.005433	0.003516	0.1	No	17	0.001685	5.882	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-102	0.001	0.00029	0.05	No	17	0.0002326	76.47	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.002851	0.001904	0.05	No	17	0.0007553	5.882	No	0.01	Param.

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Selenium (mg/L)	MW-104	0.01231	0.00544	0.05	No	17	0.005484	0	No	0.01	Param.
Selenium (mg/L)	MW-105	0.00082	0.0004	0.05	No	17	0.0002246	58.82	No	0.01	NP (normality)
Selenium (mg/L)	MW-109	0.00082	0.00024	0.05	No	17	0.0001994	88.24	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.00373	0.003176	0.05	No	17	0.0004418	0	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.00012	0.002	No	17	0.00002183	94.12	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.00015	0.000026	0.002	No	17	0.00002436	88.24	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.000337	0.0002395	0.002	No	17	0.0000778	0	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00024	0.00012	0.002	No	17	0.0000291	94.12	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.00012	0.00012	0.002	No	17	7.4e-13	94.12	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002968	0.0002361	0.002	No	17	0.00004847	0	No	0.01	Param.

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**16.56**	**7.859**	**5**	**Yes**	**17**	**6.946**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**17**	**7.897**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.36**	**5**	**Yes**	**17**	**12.13**	**0**	**No**	**0.01**	**NP (normality)**

Confidence Interval Summary Table - 200 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0015	0.001	0.006	No	15	0.0001759	86.67	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0015	0.0011	0.006	No	15	0.0001033	93.33	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.0038	0.00044	0.01	No	17	0.001812	17.65	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-201	0.0043	0.00039	0.01	No	17	0.003224	41.18	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.009226	0.002255	0.01	No	17	0.006424	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.06292	0.03591	2	No	17	0.02155	0	No	0.01	Param.
Barium (mg/L)	MW-201	0.06681	0.03696	2	No	17	0.02382	0	No	0.01	Param.
Barium (mg/L)	MW-206	0.1061	0.05978	2	No	17	0.03697	0	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	17	0.0005678	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	17	0.0005672	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.00042	0.000041	0.004	No	17	0.0001325	76.47	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	16	0.0007864	75	No	0.01	NP (normality)
Cadmium (mg/L)	MW-201	0.014	0.0017	0.005	No	17	0.00562	5.882	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0027	0.00055	0.005	No	17	0.001076	5.882	No	0.01	NP (normality)
Chromium (mg/L)	MW-201	0.0011	0.001	0.1	No	14	0.0002134	85.71	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.001	0.1	No	14	0.0004276	92.86	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0019	0.0012	0.006	No	17	0.0006114	23.53	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-201	0.002852	0.001449	0.006	No	17	0.001292	5.882	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004596	0.002271	0.006	No	17	0.001855	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**16.56**	**7.859**	**5**	**Yes**	**17**	**6.946**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**17**	**7.897**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.36**	**5**	**Yes**	**17**	**12.13**	**0**	**No**	**0.01**	**NP (normality)**
Fluoride (mg/L)	MW-200	0.088	0.05	4	No	18	0.05882	22.22	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7422	0.4873	4	No	19	0.2177	0	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08039	0.05139	4	No	19	0.02582	5.263	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001359	0.0007229	0.015	No	17	0.000508	11.76	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00057	0.015	No	17	0.0003817	64.71	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.0092	0.001	0.015	No	17	0.004062	0	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.0024	0.0012	0.04	No	17	0.001976	76.47	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0069	0.0024	0.04	No	17	0.007635	11.76	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.0029	0.0014	0.04	No	17	0.0003295	82.35	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002188	0.0009322	0.002	No	17	0.001002	0	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00029	0.002	No	17	0.001049	0	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.00064	0.000035	0.002	No	17	0.000302	29.41	No	0.01	NP (Cohens/xfrm)
Molybdenum (mg/L)	MW-200	0.0078	0.0045	0.1	No	15	0.0008521	93.33	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.0045	0.0015	0.1	No	15	0.0007746	93.33	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.0045	0.00092	0.1	No	15	0.0009244	93.33	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01117	0.004761	0.05	No	17	0.005721	0	ln(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01086	0.003876	0.05	No	17	0.005761	0	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-206	0.01833	0.01209	0.05	No	17	0.004974	0	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0004	0.00006	0.002	No	17	0.0001653	29.41	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.0003926	0.0001903	0.002	No	17	0.000166	0	sqrt(x)	0.01	Param.
Thallium (mg/L)	MW-206	0.00089	0.00023	0.002	No	17	0.0003114	0	No	0.01	NP (normality)

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center Printed 6/18/2021, 10:53 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-304**	**0.0234**	**0.006552**	**0.006**	**Yes**	**8**	**0.01498**	**0.007946**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**17**	**6.159**	**2.026**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**MW-303**	**1.531**	**0.8196**	**0.1**	**Yes**	**17**	**1.214**	**0.6027**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center Printed 6/18/2021, 10:53 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0015	0.00039	0.01	No	15	0.0008227	0.0006263	46.67	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.005	0.00039	0.01	No	12	0.001588	0.001824	16.67	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-305	0.00042	0.00039	0.01	No	15	0.00041	0.00005028	80	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00039	0.01	No	15	0.000442	0.0001829	86.67	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	17	0.01135	0.0007859	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04767	0.0295	2	No	17	0.04035	0.01694	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04348	0.02828	2	No	17	0.03588	0.01213	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	17	0.01894	0.00508	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02763	0.02155	2	No	17	0.02459	0.004848	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.00017	0.000074	0.004	No	14	0.0001631	0.00002566	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.00028	0.000075	0.005	No	17	0.0002679	0.00004972	94.12	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.00051	0.00028	0.005	No	17	0.0004159	0.0001493	29.41	None	No	0.01	NP (Cohens/xfrm)
Cadmium (mg/L)	MW-304	0.00073	0.00028	0.005	No	17	0.0003488	0.0002001	88.24	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.00028	0.000076	0.005	No	17	0.000268	0.00004948	94.12	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.00028	0.000089	0.005	No	17	0.0002688	0.00004632	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.001	0.1	No	14	0.001193	0.0007216	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0014	0.001	0.1	No	14	0.001029	0.0001069	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0012	0.001	0.1	No	14	0.001057	0.0001651	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0016	0.001	0.1	No	14	0.00115	0.0004202	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.001	0.00082	0.1	No	14	0.0009871	0.00004811	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00024	0.006	No	17	0.0005435	0.0001465	82.35	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006502	0.0005251	0.006	No	17	0.0005876	0.00009985	41.18	None	No	0.01	Param.
Cobalt (mg/L)	**MW-304**	**0.0234**	**0.006552**	**0.006**	**Yes**	**8**	**0.01498**	**0.007946**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	17	0.0005559	0.0001549	35.29	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00063	0.00056	0.006	No	17	0.0005641	0.00001698	88.24	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.508	4.72	5	No	17	5.114	0.6291	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**17**	**6.159**	**2.026**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	MW-304	7.136	3.949	5	No	17	5.542	2.543	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.6	1.212	5	No	17	1.406	0.3098	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.039	2.248	5	No	17	2.644	0.6314	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.041	0.032	4	No	18	0.0325	0.002121	94.44	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2516	0.1581	4	No	19	0.2048	0.07985	5.263	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.09	0.032	4	No	18	0.062	0.04665	44.44	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	0.035	0.032	4	No	18	0.03217	0.0007071	88.89	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1402	0.08294	4	No	19	0.1116	0.04891	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.00039	0.000083	0.015	No	14	0.0002824	0.00006326	85.71	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.00029	0.00011	0.015	No	14	0.0002771	0.00004811	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.00056	0.00022	0.015	No	14	0.0004593	0.0003182	50	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-300	0.0036	0.0014	0.04	No	17	0.00182	0.0006279	76.47	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02787	0.02296	0.04	No	17	0.02553	0.00414	0	None	x^(1/3)	0.01	Param.
Lithium (mg/L)	MW-304	0.0023	0.0012	0.04	No	17	0.002124	0.0007677	64.71	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.0025	0.0014	0.04	No	17	0.001742	0.0005049	76.47	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.0021	0.0013	0.04	No	17	0.001782	0.0003005	76.47	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.00019	0.00007	0.002	No	17	0.00007706	0.0000291	94.12	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00065	0.000086	0.002	No	17	0.0004362	0.0003466	17.65	None	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.00014	0.00007	0.002	No	17	0.00007412	0.00001698	94.12	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.000087	0.00007	0.002	No	17	0.00009159	0.00008473	88.24	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.531**	**0.8196**	**0.1**	**Yes**	**17**	**1.214**	**0.6027**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0056	0.0033	0.1	No	17	0.004247	0.001071	58.82	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.0045	0.0016	0.1	No	17	0.004329	0.0007034	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.0045	0.00098	0.1	No	17	0.004293	0.0008537	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.00598	0.003502	0.05	No	17	0.004741	0.001978	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006519	0.004056	0.05	No	16	0.005288	0.001893	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00082	0.00027	0.05	No	17	0.0007876	0.0001334	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005675	0.003549	0.05	No	17	0.004612	0.001697	0	None	No	0.01	Param.
Thallium (mg/L)	MW-303	0.0002482	0.0001671	0.002	No	17	0.0002076	0.00006467	5.882	None	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0001957	0.0001153	0.002	No	17	0.0001521	0.00006776	17.65	Cohen`s	No	0.01	Param.
Thallium (mg/L)	MW-308	0.0002992	0.0002078	0.002	No	17	0.0002535	0.00007297	5.882	None	No	0.01	Param.

Prediction Limits - 100, 200 & 300 Series

100 Series

Appendix III Interwell Prediction Limits - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:23 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	3/30/2021	0.23	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	3/31/2021	8.9	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	3/30/2021	0.22	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	3/31/2021	0.2	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	3/31/2021	3.8	Yes	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.512	n/a	3/30/2021	3.6	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.512	n/a	3/31/2021	74	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.512	n/a	3/30/2021	68	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.512	n/a	3/31/2021	3.3	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.512	n/a	3/31/2021	23	Yes	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	7.036	n/a	3/30/2021	12	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.036	n/a	3/31/2021	120	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	7.036	n/a	3/30/2021	18	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.036	n/a	3/31/2021	18	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.036	n/a	3/31/2021	110	Yes	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	3/31/2021	3.7	Yes	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	3/31/2021	0.34	Yes	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	4	n/a	3/30/2021	32	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	4	n/a	3/31/2021	670	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	4	n/a	3/30/2021	7.6	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	4	n/a	3/31/2021	15	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	4	n/a	3/31/2021	250	Yes	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	3/30/2021	170	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	3/31/2021	1100	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	3/30/2021	340	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	3/31/2021	620	Yes	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:23 PM

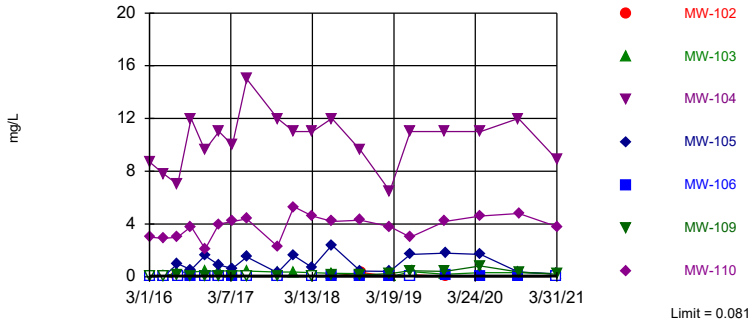
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	3/30/2021	0.018ND	No	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**3/30/2021**	**0.23**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**3/31/2021**	**8.9**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**3/30/2021**	**0.22**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	3/30/2021	0.018ND	No	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**3/31/2021**	**0.2**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**3/31/2021**	**3.8**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.512	n/a	3/30/2021	0.47	No	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.512**	**n/a**	**3/30/2021**	**3.6**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.512**	**n/a**	**3/31/2021**	**74**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.512**	**n/a**	**3/30/2021**	**68**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.512	n/a	3/30/2021	0.49	No	108	-0.3772	0.4212	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.512**	**n/a**	**3/31/2021**	**3.3**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.512**	**n/a**	**3/31/2021**	**23**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	7.036	n/a	3/30/2021	6.4	No	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**7.036**	**n/a**	**3/30/2021**	**12**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**7.036**	**n/a**	**3/31/2021**	**120**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**7.036**	**n/a**	**3/30/2021**	**18**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	7.036	n/a	3/30/2021	5	No	108	5.292	0.9295	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.036**	**n/a**	**3/31/2021**	**18**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.036**	**n/a**	**3/31/2021**	**110**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	3/30/2021	4.82	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	3/30/2021	5.04	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**3/31/2021**	**3.7**	**Yes**	**107**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003452**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	3/30/2021	6.31	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	3/30/2021	4.98	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	3/31/2021	4.64	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	3/31/2021	4.85	No	107	n/a	n/a	0	n/a	n/a	0.0003452	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	3/30/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	3/30/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**3/31/2021**	**0.34**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001697**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	3/30/2021	0.04	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	3/30/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	3/31/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	3/31/2021	0.04	No	108	n/a	n/a	97.22	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	4	n/a	3/30/2021	1.4ND	No	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**4**	**n/a**	**3/30/2021**	**32**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**4**	**n/a**	**3/31/2021**	**670**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**4**	**n/a**	**3/30/2021**	**7.6**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	4	n/a	3/30/2021	1.4ND	No	107	n/a	n/a	76.64	n/a	n/a	0.0001726	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**4**	**n/a**	**3/31/2021**	**15**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**4**	**n/a**	**3/31/2021**	**250**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001726**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	3/30/2021	32	No	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-103**	**110**	**n/a**	**3/30/2021**	**170**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**3/31/2021**	**1100**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**3/30/2021**	**340**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	3/30/2021	12	No	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	3/31/2021	66	No	108	n/a	n/a	25	n/a	n/a	0.0001697	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**3/31/2021**	**620**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001697**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.28 . 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 108 background values. 86.11% NDs. Annual per-constituent alpha = 0.002373. Individual comparison alpha = 0.0001697 (1 of 2). Comparing 7 points to limit.

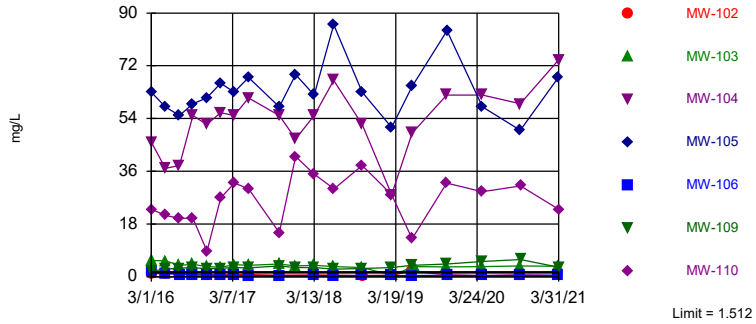
Constituent: Boron Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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=-0.3772, Std. Dev.=0.4212, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 14.04, critical = 14.07. Kappa = 1.877 (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.

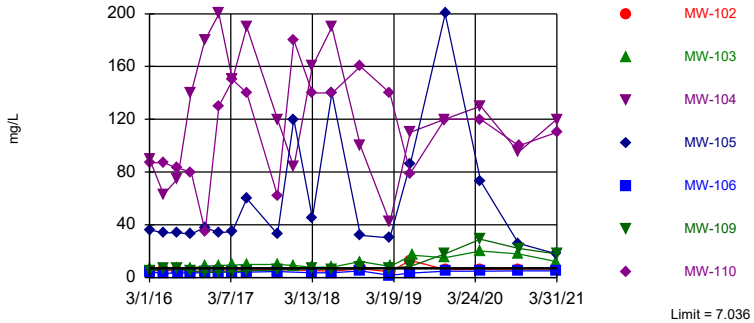
Constituent: Calcium Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.292, Std. Dev.=0.9295, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 12.56, critical = 14.07. Kappa = 1.877 (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.

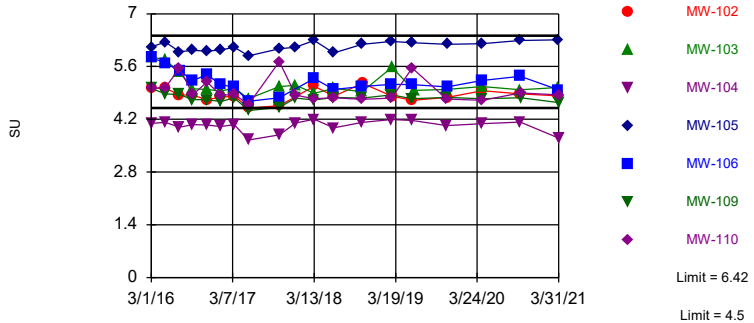
Constituent: Chloride Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Exceeds Limits: MW-104

Prediction Limit

Interwell Non-parametric

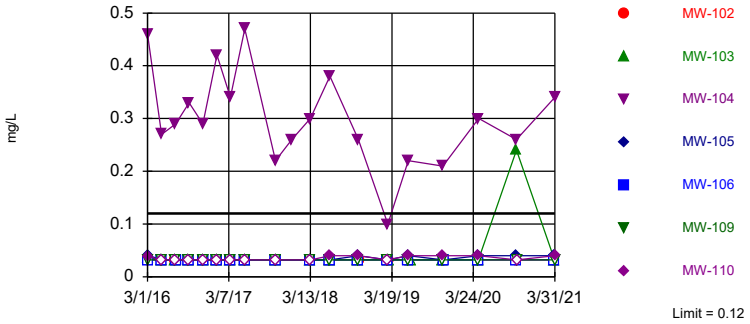


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 107 background values. Annual per-constituent alpha = 0.004828. Individual comparison alpha = 0.0003452 (1 of 2). Comparing 7 points to limit.

Constituent: Field pH Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-104

Prediction Limit
Interwell Non-parametric

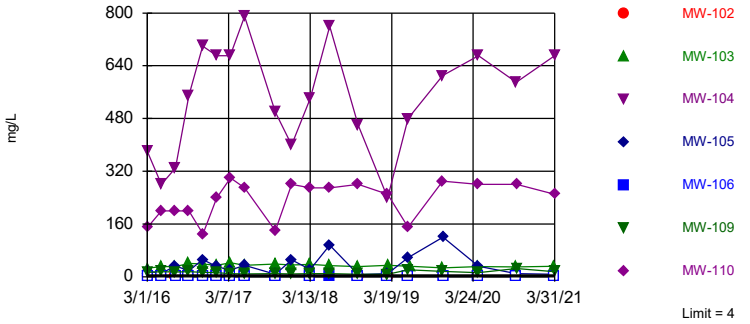


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 108 background values. 97.22% NDs. Annual per-constituent alpha = 0.002373. Individual comparison alpha = 0.0001697 (1 of 2). Comparing 7 points to limit.

Constituent: Fluoride Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit
Interwell Non-parametric

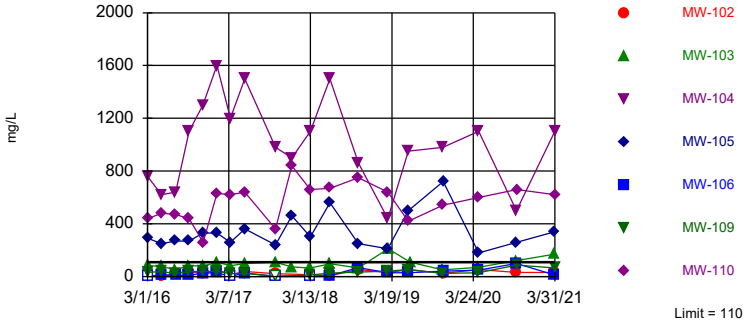


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 107 background values. 76.64% NDs. Annual per-constituent alpha = 0.002414. Individual comparison alpha = 0.0001726 (1 of 2). Comparing 7 points to limit.

Constituent: Sulfate Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 108 background values. 25% NDs. Annual per-constituent alpha = 0.002373. Individual comparison alpha = 0.0001697 (1 of 2). Comparing 7 points to limit.

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-103	MW-104	MW-307 (bg)	MW-105	MW-106
2/29/2016	<0.018	<0.018	<0.018	<0.018					
3/1/2016					<0.018 (*)	8.7	<0.018	<0.018 (*)	<0.018
3/2/2016									
5/2/2016	<0.018	<0.018	<0.018				<0.018		
5/3/2016									
5/4/2016				<0.018					<0.018 (*)
5/5/2016					<0.018 (*)	7.8		<0.018 (*)	
7/5/2016	<0.018	<0.018	<0.018				<0.018		
7/7/2016					0.33	7		1	
7/8/2016				<0.018					<0.018
9/6/2016	<0.018	<0.018	<0.018	<0.018			<0.018		
9/7/2016					0.37	12		0.53	0.022 (J)
11/7/2016	<0.018	<0.018	<0.018				<0.018		
11/9/2016						9.6		1.6	<0.018
11/10/2016				<0.018	0.43				
1/9/2017	<0.018	<0.018	<0.018				<0.018		
1/11/2017				<0.018		11		0.9	<0.018
1/12/2017					0.44				
3/13/2017	<0.018	<0.018	0.022 (J)				<0.018		
3/14/2017				<0.018		10		0.63	0.071
3/15/2017					0.46				
5/15/2017	<0.018	<0.018	<0.018				<0.018		
5/18/2017				<0.018	0.44	15		1.5	<0.018 (*)
10/2/2017	<0.018	<0.018	0.023 (J)				<0.018		
10/5/2017				<0.018		12		0.32	<0.018
10/6/2017					0.37				
12/19/2017					0.35 (R)	11 (R)		1.6 (R)	
3/12/2018	<0.018	<0.018	<0.018				<0.018		
3/14/2018				<0.018	0.32	11		0.7	<0.018
6/5/2018	<0.018	<0.018	<0.018						
6/6/2018							<0.018		
6/10/2018				<0.018		12		2.4	0.066
6/11/2018					0.26				
10/16/2018	<0.018	<0.018	<0.018						
10/17/2018							<0.018		
10/18/2018				0.081	0.25	9.6		0.43	0.067
10/19/2018									
2/27/2019	<0.018	<0.018	<0.018	<0.018			<0.018		
3/1/2019						6.5		0.4	0.048 (J)
3/2/2019					<0.018				
5/31/2019	<0.018	<0.018	<0.018	<0.018			<0.018		
6/3/2019						11		1.7	<0.018
6/11/2019					0.39				
11/6/2019	0.017 (V)	0.016 (V)	0.022 (V)	0.016 (V)			0.0099 (J)		
11/7/2019					0.19	11			
11/9/2019								1.8	0.097 (V)
4/16/2020	0.02	0.013	0.017	0.013			0.0055 (J)		
4/17/2020					0.31				0.07
4/18/2020						11		1.7	
10/7/2020	<0.018	<0.018	<0.018	<0.018			<0.018		
10/8/2020					0.31	12		0.37	0.031 (J)
10/9/2020									

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-103	MW-104	MW-307 (bg)	MW-105	MW-106
3/29/2021	<0.018	<0.018	<0.018	<0.018			<0.018		
3/30/2021					0.23			0.22	<0.018
3/31/2021						8.9			

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-102	MW-110	MW-109
2/29/2016				
3/1/2016	<0.018	<0.018		
3/2/2016			3	<0.018 (*)
5/2/2016				
5/3/2016	<0.018			
5/4/2016				
5/5/2016		<0.018	2.9	<0.018 (*)
7/5/2016	<0.018			
7/7/2016		<0.018	3	0.1
7/8/2016				
9/6/2016	<0.018	<0.018		
9/7/2016			3.8	0.073
11/7/2016	<0.018			
11/9/2016				
11/10/2016		<0.018	2.1	0.073
1/9/2017	<0.018			
1/11/2017				
1/12/2017		<0.018	4	0.059
3/13/2017	<0.018			
3/14/2017				0.044 (J)
3/15/2017		<0.018	4.2	
5/15/2017	<0.018			
5/18/2017		<0.018	4.4	<0.018 (*)
10/2/2017	<0.018			
10/5/2017				0.047 (J)
10/6/2017		<0.018	2.3	
12/19/2017			5.3 (R)	
3/12/2018	<0.018			
3/14/2018		<0.018	4.6	<0.018
6/5/2018				
6/6/2018	<0.018			
6/10/2018				
6/11/2018		<0.018	4.2	0.11
10/16/2018				
10/17/2018	<0.018			
10/18/2018			4.3	0.15
10/19/2018		0.34		
2/27/2019	<0.018			
3/1/2019			3.8	0.23
3/2/2019		<0.018		
5/31/2019	<0.018			
6/3/2019		0.17	3	0.45
6/11/2019				
11/6/2019	0.011 (V)			
11/7/2019			4.2	0.42
11/9/2019		0.023 (J)		
4/16/2020	0.0075 (J)			
4/17/2020			4.6	0.83
4/18/2020		0.012		
10/7/2020	<0.018			
10/8/2020		0.033 (J)		
10/9/2020			4.8	0.37

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-102	MW-110	MW-109
3/29/2021	<0.018			
3/30/2021		<0.018		
3/31/2021			3.8	0.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center 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		
10/7/2020	0.93	0.43	1.6	0.47				0.63	0.67
10/8/2020					50	59	0.67		
10/9/2020									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center 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)
3/29/2021	1	0.46	1.6	0.43				0.68	0.75
3/30/2021					68		0.47		
3/31/2021						74			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center 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				
10/7/2020				
10/8/2020	3.7	0.51		
10/9/2020			5.9	31

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-106	MW-109	MW-110
3/29/2021				
3/30/2021	3.6	0.49		
3/31/2021			3.3	23

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-103	MW-104	MW-307 (bg)	MW-105	MW-106
2/29/2016	5.3	8.1	7.4	5.4					
3/1/2016					6.6	90	4	36	4.4
3/2/2016									
5/2/2016	4.4	6	6.3				3.6		
5/3/2016									
5/4/2016				4.5					3
5/5/2016					6.5	63		34	
7/5/2016	4.2	5.2	4.8				3.6		
7/7/2016					7.3	75		34	
7/8/2016				4.9					3.5
9/6/2016	4.3	5.5	6	4.3			4		
9/7/2016					7.4	140		33	3.3
11/7/2016	4.2	5.4	5.7				4.4		
11/9/2016						180		38	3.9
11/10/2016				4.5	8.4				
1/9/2017	5.3	6.1	6.8				4.4		
1/11/2017				5.3		200		34	4.1
1/12/2017					9.2				
3/13/2017	5.2	5.5	6.8				4.1		
3/14/2017				5.5		150		35	4
3/15/2017					9.5				
5/15/2017	4.8	4.7	6.1				3.7		
5/18/2017				5	9.9	190		60	4
10/2/2017	5.5	6.1	6				4.8		
10/5/2017				5.6		120		33	4.5
10/6/2017					10				
12/19/2017					9.3 (R)	84 (R)		120 (R)	
3/12/2018	5.3	6.1	5.9				4		
3/14/2018				5.2	7.7	160		45	3.7
6/5/2018	5.3	5.5	6.5						
6/6/2018							4.1		
6/10/2018				5.2		190		140	3.6
6/11/2018					8				
10/16/2018	5.5	5.1	5.9						
10/17/2018							3.7		
10/18/2018				5.2	12	100		32	5
10/19/2018									
2/27/2019	4.6	5	4.3	5.1			4		
3/1/2019						42		30	1.7 (J)
3/2/2019					8.5				
5/31/2019	5.1	5.4	4.5	5			3.7		
6/3/2019						110		86	3.3
6/11/2019					17				
11/6/2019	5.8	6.1	5.7	6			4.7		
11/7/2019					15	120			
11/9/2019								200	4.7
4/16/2020	6.1	5.3	5.6	5.8			4.9		
4/17/2020					20				4.8
4/18/2020						130		73	
10/7/2020	6.6	5.7	5.1	5.9			4.7		
10/8/2020					18	95		26	5
10/9/2020									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-103	MW-104	MW-307 (bg)	MW-105	MW-106
3/29/2021	10	5.2	5	5.8			5.4		
3/30/2021					12			18	5
3/31/2021						120			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-102	MW-110	MW-109
2/29/2016				
3/1/2016	5.6	4.8		
3/2/2016			87	5
5/2/2016				
5/3/2016	5.1			
5/4/2016				
5/5/2016		5.6	87	6.8
7/5/2016	4.7			
7/7/2016		5	83	6.7
7/8/2016				
9/6/2016	4.4	4.8		
9/7/2016			80	4.8
11/7/2016	4.6			
11/9/2016				
11/10/2016		4.7	35	4.2
1/9/2017	5.3			
1/11/2017				
1/12/2017		5.6	130	4.4
3/13/2017	5.6			
3/14/2017				4.4
3/15/2017		5.9	150	
5/15/2017	5.2			
5/18/2017		5.7	140	5
10/2/2017	5.5			
10/5/2017				5.8
10/6/2017		6	62	
12/19/2017			180 (R)	
3/12/2018	5.6			
3/14/2018		5.2	140	6.9
6/5/2018				
6/6/2018	5.6			
6/10/2018				
6/11/2018		4.9	140	6
10/16/2018				
10/17/2018	5.5			
10/18/2018			160	7.5
10/19/2018		6.7		
2/27/2019	5.1			
3/1/2019			140	7.2
3/2/2019		4.4		
5/31/2019	5.4			
6/3/2019		13	79	8.5
6/11/2019				
11/6/2019	5.9			
11/7/2019			120	18
11/9/2019		6.1		
4/16/2020	6.2			
4/17/2020			120	29
4/18/2020		6.3		
10/7/2020	6.1			
10/8/2020		6.4		
10/9/2020			100	22

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-102	MW-110	MW-109
3/29/2021	6.2			
3/30/2021		6.4		
3/31/2021			110	18

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-102	MW-103	MW-106	MW-307 (bg)
2/29/2016	5.11	5.11	5.26	4.9					
3/1/2016					5.08	5.03	5.86	5.84	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					5.69	
5/5/2016						5.03	5.77		
7/5/2016	5.12	5.48		7.11 (o)	5.38				6.29
7/7/2016						4.85	5.45		
7/8/2016			4.96					5.49	
9/6/2016	5.11	5.12	5.43	5.19	5.37	4.84			6.42
9/7/2016							5.01	5.22	
11/7/2016	4.76	4.73		4.64	4.92				5.75
11/9/2016								5.39	
11/10/2016			4.89			4.72	4.99		
1/9/2017	4.99	5		4.94	5.05				5.98
1/11/2017			4.87					5.12	
1/12/2017						4.79	4.95		
3/13/2017	4.57	4.74		4.63	4.87				5.81
3/14/2017			4.71					5.05	
3/15/2017						4.81	5.03		
5/15/2017	4.6	4.63		4.52	4.69				5.42
5/18/2017			4.5			4.5	4.75	4.68	
10/2/2017	4.64	4.63		4.54	4.88				5.63
10/5/2017			4.63					4.77	
10/6/2017						4.56	5.07		
12/19/2017							5.1 (R)		
3/12/2018	4.85	4.81		4.81	5.07				5.6
3/14/2018			5.14			5.08	4.89	5.28	
6/5/2018	4.92	5.04		4.9					
6/6/2018					5.09				5.58
6/10/2018			5.12					4.99	
6/11/2018						4.81	5.02		
10/16/2018	4.93	4.98		4.81					
10/17/2018					4.99				5.54
10/18/2018			4.97				4.93	5.07	
10/19/2018						5.15			
2/27/2019	4.75	4.78	4.84	4.71	4.87				5.4
3/1/2019								5.13	
3/2/2019						4.81	5.58		
5/31/2019	4.9	4.92	4.92	4.84	4.89				5.45
6/3/2019						4.7		5.12	
6/11/2019							4.97		
11/6/2019	4.82	4.88	4.94	4.78	5.04				5.52
11/7/2019							4.99		
11/9/2019						4.78		5.06	
4/16/2020	5.03	5.15	5.17	4.96	5.13				5.58
4/17/2020							5.07	5.23	
4/18/2020						4.96			
10/7/2020	4.74	4.91	5.08	4.8	5.13				5.5
10/8/2020						4.87	4.98	5.34	
10/9/2020									

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-102	MW-103	MW-106	MW-307 (bg)
3/29/2021	4.79	4.89	4.92	4.8	4.93				5.46
3/30/2021						4.82	5.04	4.98	
3/31/2021									

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-105	MW-104	MW-109	MW-110
2/29/2016				
3/1/2016	6.12	4.09		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016				
5/3/2016				
5/4/2016				
5/5/2016	6.25	4.12	4.87	5.04
7/5/2016				
7/7/2016	5.99	3.99	4.86	5.55
7/8/2016				
9/6/2016				
9/7/2016	6.03	4.06	4.72	4.86
11/7/2016				
11/9/2016	6.01	4.05		
11/10/2016			4.72	5.19
1/9/2017				
1/11/2017	6.04	4.01		
1/12/2017			4.67	4.84
3/13/2017				
3/14/2017	6.11	4.06	4.77	
3/15/2017				4.86
5/15/2017				
5/18/2017	5.88	3.65	4.43	4.59
10/2/2017				
10/5/2017	6.07	3.79	4.52	
10/6/2017				5.73
12/19/2017	6.11 (R)	4.1 (R)	4.76 (R)	4.84 (R)
3/12/2018				
3/14/2018	6.29	4.2	4.71	4.75
6/5/2018				
6/6/2018				
6/10/2018	5.96	3.97		
6/11/2018			4.78	4.77
10/16/2018				
10/17/2018				
10/18/2018	6.19	4.12	4.76	4.73
10/19/2018				
2/27/2019				
3/1/2019	6.27	4.19	4.85	4.76
3/2/2019				
5/31/2019				
6/3/2019	6.23	4.17	4.75	5.56
6/11/2019				
11/6/2019				
11/7/2019		4.03	4.78	4.74
11/9/2019	6.19			
4/16/2020				
4/17/2020			4.75	4.7
4/18/2020	6.21	4.08		
10/7/2020				
10/8/2020	6.29	4.13		
10/9/2020			4.77	4.9

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-105	MW-104	MW-109	MW-110
3/29/2021				
3/30/2021	6.31			
3/31/2021		3.7	4.64	4.85

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center 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	<0.032	<0.032	<0.032	<0.032					
3/1/2016					0.041 (J)	0.46	<0.032	<0.032	0.033 (J)
3/2/2016									
5/2/2016	<0.032	<0.032	<0.032						<0.032
5/3/2016								<0.032	
5/4/2016				<0.032					
5/5/2016					<0.032	0.27	<0.032		
7/5/2016	<0.032	<0.032	<0.032					<0.032	<0.032
7/7/2016					<0.032	0.29	<0.032		
7/8/2016				<0.032					
9/6/2016	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032
9/7/2016					<0.032	0.33			
11/7/2016	<0.032	<0.032	<0.032					<0.032	<0.032
11/9/2016					<0.032	0.29			
11/10/2016				<0.032			<0.032		
1/9/2017	<0.032	<0.032	<0.032					<0.032	<0.032
1/11/2017				<0.032	<0.032	0.42			
1/12/2017							<0.032		
3/13/2017	<0.032	<0.032	<0.032					<0.032	<0.032
3/14/2017				<0.032	<0.032	0.34			
3/15/2017							<0.032		
5/15/2017	<0.032	<0.032	<0.032					<0.032	<0.032
5/18/2017				<0.032	<0.032	0.47	<0.032		
10/2/2017	<0.032	<0.032	<0.032					<0.032	<0.032
10/5/2017				<0.032	<0.032	0.22			
10/6/2017							<0.032		
12/19/2017						0.26 (R)			
3/12/2018	<0.032	<0.032	<0.032					<0.032	<0.032
3/14/2018				0.12	<0.032	0.3	<0.032		
6/5/2018	<0.032	<0.032	<0.032						
6/6/2018								<0.032	<0.032
6/10/2018				<0.032	<0.032	0.38			
6/11/2018							<0.032		
10/16/2018	<0.032	<0.032	<0.032						
10/17/2018								<0.032	<0.032
10/18/2018				<0.032	0.04 (J)	0.26			
10/19/2018							<0.032		
2/27/2019	<0.032	<0.032	<0.032	<0.032				<0.032	<0.032
3/1/2019					<0.032	0.1			
3/2/2019							<0.032		
5/31/2019	<0.032	<0.032	<0.032	<0.032				<0.032	<0.032
6/3/2019					0.04 (J)	0.22	<0.032		
6/11/2019									
11/6/2019	<0.032	<0.032	<0.032	<0.032				<0.032	<0.032
11/7/2019						0.21			
11/9/2019					<0.032		<0.032		
4/16/2020	<0.032	<0.032	<0.032	<0.032				<0.032	<0.032
4/17/2020									
4/18/2020					0.04 (J)	0.3	<0.032		
10/7/2020	<0.032	<0.032	<0.032	<0.032				<0.032	<0.032
10/8/2020					0.04 (J)	0.26	<0.032		
10/9/2020									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center 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)
3/29/2021	0.06	<0.032	<0.032	<0.032				<0.032	<0.032
3/30/2021					0.04		<0.032		
3/31/2021						0.34			

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-106	MW-109	MW-110
2/29/2016				
3/1/2016	0.037 (J)	<0.032		
3/2/2016			<0.032	0.039 (J)
5/2/2016				
5/3/2016				
5/4/2016		<0.032		
5/5/2016	<0.032		<0.032	<0.032
7/5/2016				
7/7/2016	<0.032		<0.032	<0.032
7/8/2016		<0.032		
9/6/2016				
9/7/2016	<0.032	<0.032	<0.032	<0.032
11/7/2016				
11/9/2016		<0.032		
11/10/2016	<0.032		<0.032	<0.032
1/9/2017				
1/11/2017		<0.032		
1/12/2017	<0.032		<0.032	<0.032
3/13/2017				
3/14/2017		<0.032	<0.032	
3/15/2017	<0.032			<0.032
5/15/2017				
5/18/2017	<0.032	<0.032	<0.032	<0.032
10/2/2017				
10/5/2017		<0.032	<0.032	
10/6/2017	<0.032			<0.032
12/19/2017				
3/12/2018				
3/14/2018	<0.032	<0.032	<0.032	<0.032
6/5/2018				
6/6/2018				
6/10/2018		<0.032		
6/11/2018	<0.032		<0.032	0.04 (J)
10/16/2018				
10/17/2018				
10/18/2018	<0.032	<0.032	<0.032	0.04 (J)
10/19/2018				
2/27/2019				
3/1/2019		<0.032	<0.032	<0.032
3/2/2019	<0.032			
5/31/2019				
6/3/2019		<0.032	<0.032	0.04 (J)
6/11/2019	<0.032			
11/6/2019				
11/7/2019	<0.032		<0.032	0.04 (J)
11/9/2019		<0.032		
4/16/2020				
4/17/2020	<0.032	<0.032	<0.032	0.04 (J)
4/18/2020				
10/7/2020				
10/8/2020	0.24	<0.032		
10/9/2020			<0.032	<0.032

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-106	MW-109	MW-110
3/29/2021				
3/30/2021	<0.032	<0.032		
3/31/2021			<0.032	0.04

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center 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	<1.4	<1.4	1.6 (J)	<1.4					
3/1/2016					17	380	26	<1.4	<1.4
3/2/2016									
5/2/2016	15 (o)	<1.4	2.1 (J)						
5/3/2016									<1.4
5/4/2016				<1.4					
5/5/2016					11	280	31	<1.4	
7/5/2016	<1.4	<1.4	2 (J)						<1.4
7/7/2016					33	330	31	<1.4	
7/8/2016				<1.4					
9/6/2016	<1.4	<1.4	1.8 (J)	<1.4				<1.4	<1.4
9/7/2016					18	550	41		
11/7/2016	<1.4	<1.4	1.7 (J)						<1.4
11/9/2016					52	700			
11/10/2016				<1.4			39	<1.4	
1/9/2017	<1.4	2.6 (J)	1.5 (J)						<1.4
1/11/2017				<1.4	31	670			
1/12/2017							35	<1.4	
3/13/2017	2.5 (J)	<1.4	2.2 (J)						<1.4
3/14/2017				<1.4	20	670			
3/15/2017							43	<1.4 (*)	
5/15/2017	<1.4	<1.4	1.9 (J)						<1.4
5/18/2017				<1.4 (X)	35	790	35	<1.4 (X)	
10/2/2017	<1.4	<1.4	3.4 (J)						1.5 (J)
10/5/2017				<1.4	7.7	500			
10/6/2017							39	<1.4	
12/19/2017					51 (R)	400 (R)	36 (R)		
3/12/2018	<1.4	<1.4	2.6 (J)						<1.4
3/14/2018				<1.4	22	540	38	<1.4	
6/5/2018	<1.4	<1.4	2.6 (J)						
6/6/2018									<1.4
6/10/2018				1.5 (J)	96	760			
6/11/2018							34	1.7 (J)	
10/16/2018	<1.4	<1.4	2.8 (J)						
10/17/2018									<1.4
10/18/2018				<1.4	6.6	460	31		
10/19/2018								3.4 (J)	
2/27/2019	<1.4	<1.4	2.4 (J)	1.9 (J)					<1.4
3/1/2019					9.6	240			
3/2/2019							35	<1.4	
5/31/2019	<1.4	<1.4	3.3 (J)	<1.4					<1.4
6/3/2019					58	480		3.5 (J)	
6/11/2019							32		
11/6/2019	<1.4	<1.4	3.7 (J)	<1.4					<1.4
11/7/2019						610	27		
11/9/2019					120			<1.4	
4/16/2020	<1.4	<1.4	1.7 (J)	<1.4					<1.4
4/17/2020							31		
4/18/2020					32	670		<1.4	
10/7/2020	<1.4	<1.4	4 (J)	<1.4					<1.4
10/8/2020					9.3	590	30	<1.4	
10/9/2020									

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center 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)
3/29/2021	<1.4	<1.4	2.3	<1.4					<1.4
3/30/2021					7.6		32	<1.4	
3/31/2021						670			

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-307 (bg)	MW-106	MW-109	MW-110
2/29/2016				
3/1/2016	<1.4	<1.4		
3/2/2016			13	150
5/2/2016	<1.4			
5/3/2016				
5/4/2016		<1.4		
5/5/2016			15	200
7/5/2016	<1.4			
7/7/2016			14	200
7/8/2016		<1.4		
9/6/2016	3.7 (J)			
9/7/2016		<1.4	15	200
11/7/2016	<1.4			
11/9/2016		<1.4		
11/10/2016			13	130
1/9/2017	<1.4			
1/11/2017		<1.4		
1/12/2017			12	240
3/13/2017	<1.4			
3/14/2017		<1.4	10 (V)	
3/15/2017				300
5/15/2017	<1.4			
5/18/2017		<1.4 (X)	8.7	270
10/2/2017	1.7 (J)			
10/5/2017		<1.4	9.8	
10/6/2017				140
12/19/2017			8.4 (R)	280 (R)
3/12/2018	<1.4			
3/14/2018		<1.4	9.7	270
6/5/2018				
6/6/2018	<1.4			
6/10/2018		1.4 (J)		
6/11/2018			10	270
10/16/2018				
10/17/2018	<1.4			
10/18/2018		<1.4	8.1	280
10/19/2018				
2/27/2019	<1.4			
3/1/2019		<1.4	7.4	250
3/2/2019				
5/31/2019	<1.4			
6/3/2019		<1.4	21	150
6/11/2019				
11/6/2019	<1.4			
11/7/2019			16	290
11/9/2019		<1.4		
4/16/2020	<1.4			
4/17/2020		<1.4	12	280
4/18/2020				
10/7/2020	<1.4			
10/8/2020		<1.4		
10/9/2020			25	280

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-307 (bg)	MW-106	MW-109	MW-110
3/29/2021	<1.4			
3/30/2021		<1.4		
3/31/2021			15	250

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-103	MW-104	MW-307 (bg)	MW-105	MW-106
2/29/2016	20	<5	12	20					
3/1/2016					84	760	<5	290	<5
3/2/2016									
5/2/2016	<5	<5	6				36		
5/3/2016									
5/4/2016				6					12
5/5/2016					76	620		250	
7/5/2016	12	14	<5				<5		
7/7/2016					54	640		270	
7/8/2016				6					10
9/6/2016	36	30	38	36			44		
9/7/2016					82	1100		270	10
11/7/2016	18	8	<5				30		
11/9/2016						1300		330	26
11/10/2016				16	80				
1/9/2017	4 (J)	<5	14				12		
1/11/2017				38		1600		330	28
1/12/2017					110				
3/13/2017	6	<5	8				20		
3/14/2017				<5		1200		260	<5
3/15/2017					82				
5/15/2017	<5	<5	<5				4 (J)		
5/18/2017				10	100	1500		360	26
10/2/2017	<5	<5	6				24		
10/5/2017				<5		980		240	<5
10/6/2017					110				
12/19/2017					72 (R)	900 (R)		460 (R)	
3/12/2018	18	14	<5				<5		
3/14/2018				8	66	1100		300	<5
6/5/2018	10	<5	14						
6/6/2018							16		
6/10/2018				8		1500		560	6
6/11/2018					96				
10/16/2018	32	12	6						
10/17/2018							44		
10/18/2018				28	64	860		250	68
10/19/2018									
2/27/2019	110	54	110	68			28		
3/1/2019						440		210	28
3/2/2019					210				
5/31/2019	46	8	26	<5			18		
6/3/2019						950		500	28
6/11/2019					110				
11/6/2019	<5	4 (J)	<5	10			20		
11/7/2019					50	980			
11/9/2019								720	42
4/16/2020	28	18	8	44			8		
4/17/2020					70				48
4/18/2020						1100		180	
10/7/2020	30	20	26	24			12		
10/8/2020					120	500		260	100
10/9/2020									

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-103	MW-104	MW-307 (bg)	MW-105	MW-106
3/29/2021	38	12	28	26			40		
3/30/2021					170			340	12
3/31/2021						1100			

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-102	MW-110	MW-109
2/29/2016				
3/1/2016	10	<5		
3/2/2016			440	30
5/2/2016				
5/3/2016	<5			
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	36	40		
9/7/2016			440	38
11/7/2016	<5			
11/9/2016				
11/10/2016		20	260	38
1/9/2017	<5			
1/11/2017				
1/12/2017		54	630	40
3/13/2017	22			
3/14/2017				22
3/15/2017		14	620	
5/15/2017	6			
5/18/2017		38	640	24
10/2/2017	16			
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	20			
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	20			
3/1/2019			640	42
3/2/2019		28		
5/31/2019	32			
6/3/2019		54	420	54
6/11/2019				
11/6/2019	24			
11/7/2019			540	24
11/9/2019		24		
4/16/2020	6			
4/17/2020			600	28
4/18/2020		54		
10/7/2020	16			
10/8/2020		32		
10/9/2020			660	86

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 6:23 PM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-306 (bg)	MW-102	MW-110	MW-109
3/29/2021	42			
3/30/2021		32		
3/31/2021			620	66

200 Series

Appendix III Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:37 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**	**4/1/2021**	**2.9**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**4/1/2021**	**4**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**4/1/2021**	**19**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.386**	**n/a**	**4/1/2021**	**290**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.845**	**n/a**	**4/1/2021**	**130**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.845**	**n/a**	**4/1/2021**	**140**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.845**	**n/a**	**4/1/2021**	**510**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**4/1/2021**	**0.5**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-200**	**4**	**n/a**	**4/1/2021**	**84**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4**	**n/a**	**4/1/2021**	**110**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4**	**n/a**	**4/1/2021**	**200**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**4/1/2021**	**640**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**4/1/2021**	**650**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**4/1/2021**	**2300**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:37 PM

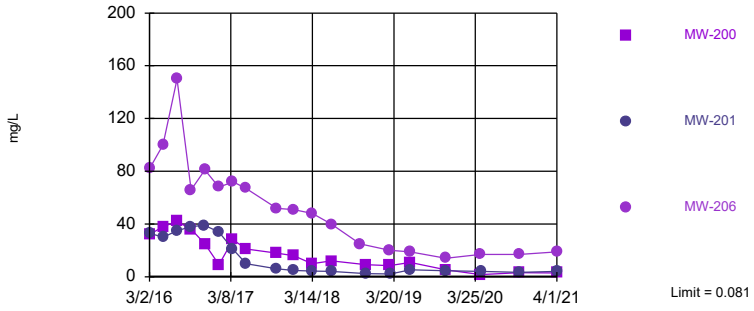
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**4/1/2021**	**2.9**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**4/1/2021**	**4**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**4/1/2021**	**19**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.386**	**n/a**	**4/1/2021**	**75**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.386**	**n/a**	**4/1/2021**	**290**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.845**	**n/a**	**4/1/2021**	**130**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.845**	**n/a**	**4/1/2021**	**140**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.845**	**n/a**	**4/1/2021**	**510**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	4/1/2021	0.07	No	108	n/a	n/a	97.22	n/a	n/a	0.0001703	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**4/1/2021**	**0.5**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	4/1/2021	0.07	No	108	n/a	n/a	97.22	n/a	n/a	0.0001703	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**4**	**n/a**	**4/1/2021**	**84**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4**	**n/a**	**4/1/2021**	**110**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4**	**n/a**	**4/1/2021**	**200**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.0001732**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**4/1/2021**	**640**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**4/1/2021**	**650**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**4/1/2021**	**2300**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001703**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.28 . 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 censored data exceeded 50%. Limit is highest of 108 background values. 86.11% NDs. Annual per-constituent alpha = 0.001021. Individual comparison alpha = 0.0001703 (1 of 2). Comparing 3 points to limit.

Constituent: Boron Analysis Run 6/10/2021 5:35 PM View: 200 Series

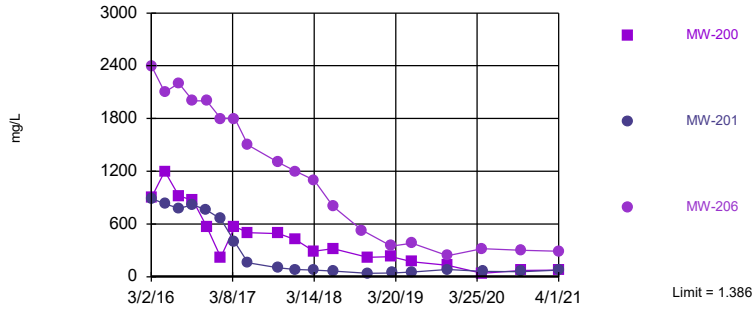
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3772, Std. Dev.=0.4212, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 14.04, critical = 14.07. Kappa = 1.671 (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 6/10/2021 5:35 PM View: 200 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

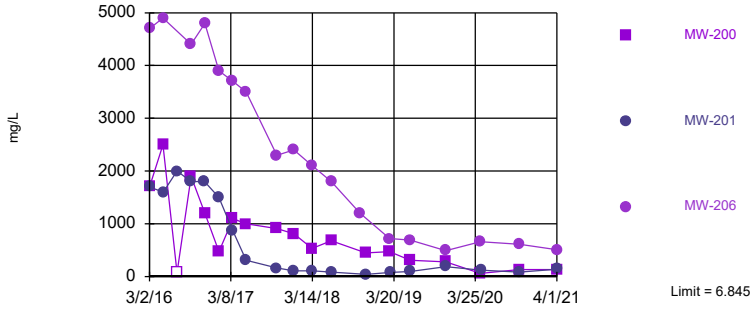
Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.292, Std. Dev.=0.9295, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 12.56, critical = 14.07. Kappa = 1.671 (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 6/10/2021 5:35 PM View: 200 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

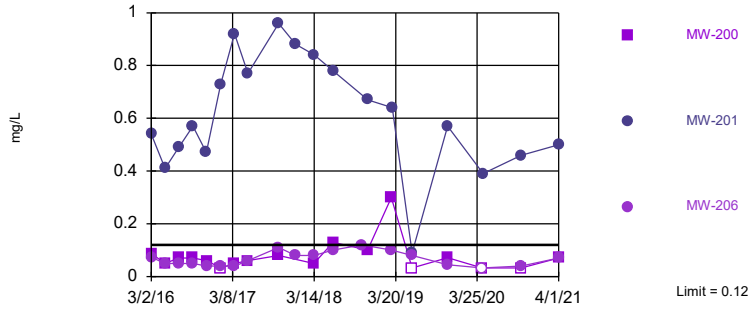
Sanitas™ v.9.6.28 . UG

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 108 background values. 97.22% NDs. Annual per-constituent alpha = 0.001021. Individual comparison alpha = 0.0001703 (1 of 2). Comparing 3 points to limit.

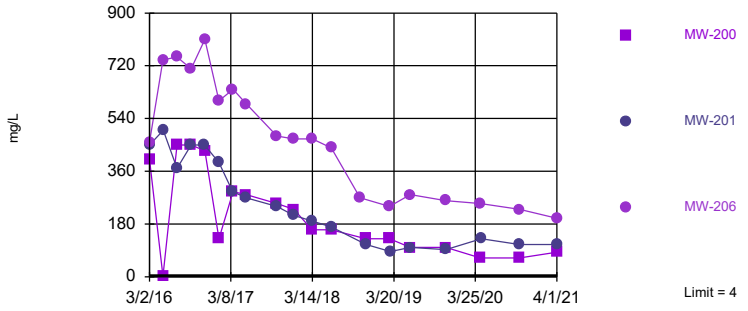
Constituent: Fluoride Analysis Run 6/10/2021 5:35 PM View: 200 Series

Gulf Clean Energy Center 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 107 background values. 76.64% NDs. Annual per-constituent alpha = 0.001039. Individual comparison alpha = 0.0001732 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 6/10/2021 5:35 PM View: 200 Series

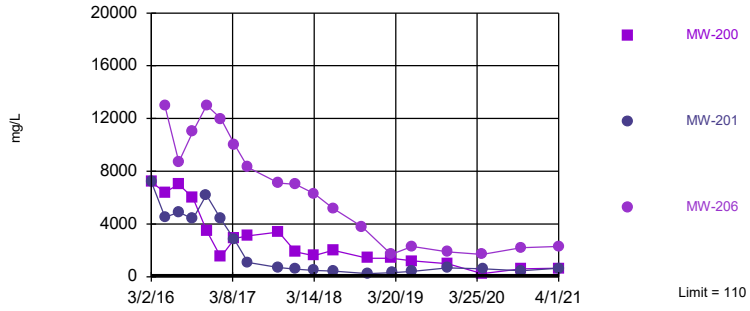
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 108 background values. 25% NDs. Annual per-constituent alpha = 0.001021. Individual comparison alpha = 0.0001703 (1 of 2). Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 6/10/2021 5:35 PM View: 200 Series

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	<0.018	<0.018	<0.018	<0.018					
3/1/2016					<0.018	<0.018			
3/2/2016							32	82	33
5/2/2016	<0.018	<0.018	<0.018			<0.018			
5/3/2016					<0.018		38	100	
5/4/2016				<0.018					30
7/5/2016	<0.018	<0.018	<0.018		<0.018	<0.018	42	150	
7/6/2016									35
7/8/2016				<0.018					
9/6/2016	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
9/8/2016							36	66	38
11/7/2016	<0.018	<0.018	<0.018		<0.018	<0.018			
11/8/2016									39
11/9/2016							25	81	
11/10/2016				<0.018					
1/9/2017	<0.018	<0.018	<0.018		<0.018	<0.018			
1/11/2017				<0.018					
1/12/2017							9.1	68	
1/13/2017									34
3/13/2017	<0.018	0.022 (J)	<0.018		<0.018	<0.018			
3/14/2017				<0.018					
3/16/2017									21
3/17/2017							28	72	
5/15/2017	<0.018	<0.018	<0.018		<0.018	<0.018			
5/16/2017							21		
5/17/2017								67	10
5/18/2017				<0.018					
10/2/2017	<0.018	0.023 (J)	<0.018		<0.018	<0.018			
10/3/2017								52	
10/4/2017							18		6
10/5/2017				<0.018					
12/20/2017							16 (R)	51	4.9 (R)
3/12/2018	<0.018	<0.018	<0.018		<0.018	<0.018			
3/13/2018							10		
3/14/2018				<0.018				48	4.4
6/5/2018	<0.018	<0.018	<0.018						
6/6/2018					<0.018	<0.018			
6/8/2018							12	40	
6/9/2018									4.1
6/10/2018				<0.018					
10/16/2018	<0.018	<0.018	<0.018						
10/17/2018					<0.018	<0.018		25	
10/18/2018				0.081					
11/13/2018							9.1		
11/14/2018									2.3
2/27/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
2/28/2019							8.5	20	
3/5/2019									2.1
5/31/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
6/4/2019							11	19	5.2
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	14	4.5

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	0.02	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	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
10/12/2020							3	17	3.3
3/29/2021	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
4/1/2021							2.9	19	4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	1	1.4	0.67	1 (J)					
3/1/2016					0.6	1.5			
3/2/2016							900	2400	890
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	2000	820
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								1500	160
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)	1200	82 (R)
3/12/2018	0.88	1.4	0.49		0.59	0.71			
3/13/2018							290		
3/14/2018				0.49				1100	75
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	380 (D)	54
11/6/2019	0.88	1.2	0.49	0.46	0.55	0.74			
11/12/2019							130	240	82

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	0.84	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	300	58
3/29/2021	1	1.6	0.46	0.43	0.68	0.75			
4/1/2021							75	290	75

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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
10/7/2020	6.6	5.1	5.7	5.9	6.1	4.7			
10/12/2020							130	610	82
3/29/2021	10	5	5.2	5.8	6.2	5.4			
4/1/2021							130	510	140

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	<0.032	<0.032	<0.032	<0.032					
3/1/2016					<0.032	0.033 (J)			
3/2/2016							0.088 (J)	0.074 (J)	0.54
5/2/2016	<0.032	<0.032	<0.032			<0.032			
5/3/2016					<0.032		0.05 (J)	0.05 (J)	
5/4/2016				<0.032					0.41
7/5/2016	<0.032	<0.032	<0.032		<0.032	<0.032	0.07 (J)	0.05 (J)	
7/6/2016									0.49
7/8/2016				<0.032					
9/6/2016	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
9/8/2016							0.07 (J)	0.05 (J)	0.57
11/7/2016	<0.032	<0.032	<0.032		<0.032	<0.032			
11/8/2016									0.47
11/9/2016							0.06 (J)	0.04 (J)	
11/10/2016				<0.032					
1/9/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
1/11/2017				<0.032					
1/12/2017							<0.032	0.04 (J)	
1/13/2017									0.73
3/13/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
3/14/2017				<0.032					
3/16/2017									0.92
3/17/2017							0.05 (J)	0.04 (J)	
5/15/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
5/16/2017							0.06 (J)		
5/17/2017								0.06 (J)	0.77
5/18/2017				<0.032					
10/2/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
10/3/2017								0.11	
10/4/2017							0.08 (J)		0.96
10/5/2017				<0.032					
12/20/2017								0.08 (I)	0.88 (R)
3/12/2018	<0.032	<0.032	<0.032		<0.032	<0.032			
3/13/2018							0.05 (J)		
3/14/2018				0.12				0.08 (J)	0.84
6/5/2018	<0.032	<0.032	<0.032						
6/6/2018					<0.032	<0.032			
6/8/2018							0.13	0.1	
6/9/2018									0.78
6/10/2018				<0.032					
10/16/2018	<0.032	<0.032	<0.032						
10/17/2018					<0.032	<0.032		0.12	
10/18/2018				<0.032					
11/13/2018							0.1		
11/14/2018									0.67
2/27/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
2/28/2019							0.3	0.1	
3/5/2019									0.64
5/31/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
6/4/2019							<0.032	0.08 (J)	0.09 (J)
11/6/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
11/12/2019							0.072 (J)	0.045 (J)	0.57

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
4/18/2020							<0.032	<0.032	
4/22/2020									0.39
10/7/2020	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
10/12/2020							<0.032	0.04 (J)	0.46
3/29/2021	0.06	<0.032	<0.032	<0.032	<0.032	<0.032			
4/1/2021							0.07	0.07	0.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	<1.4	1.6 (J)	<1.4	<1.4					
3/1/2016					<1.4	<1.4			
3/2/2016							400	460	450
5/2/2016	15 (o)	2.1 (J)	<1.4			<1.4			
5/3/2016					<1.4		2.2 (J)	740	
5/4/2016				<1.4					500
7/5/2016	<1.4	2 (J)	<1.4		<1.4	<1.4	450 (J)	750	
7/6/2016									370
7/8/2016				<1.4					
9/6/2016	<1.4	1.8 (J)	<1.4	<1.4	<1.4	3.7 (J)			
9/8/2016							450	710	450
11/7/2016	<1.4	1.7 (J)	<1.4		<1.4	<1.4			
11/8/2016									450
11/9/2016							430	810	
11/10/2016				<1.4					
1/9/2017	<1.4	1.5 (J)	2.6 (J)		<1.4	<1.4			
1/11/2017				<1.4					
1/12/2017							130	600	
1/13/2017									390
3/13/2017	2.5 (J)	2.2 (J)	<1.4		<1.4	<1.4			
3/14/2017				<1.4					
3/16/2017									290
3/17/2017							290	640	
5/15/2017	<1.4	1.9 (J)	<1.4		<1.4	<1.4			
5/16/2017							280		
5/17/2017								590	270
5/18/2017				<1.4 (X)					
10/2/2017	<1.4	3.4 (J)	<1.4		1.5 (J)	1.7 (J)			
10/3/2017								480	
10/4/2017							250		240
10/5/2017				<1.4					
12/20/2017							230 (R)	470	210 (R)
3/12/2018	<1.4	2.6 (J)	<1.4		<1.4	<1.4			
3/13/2018							160		
3/14/2018				<1.4				470	190
6/5/2018	<1.4	2.6 (J)	<1.4						
6/6/2018					<1.4	<1.4			
6/8/2018							160	440	
6/9/2018									170
6/10/2018				1.5 (J)					
10/16/2018	<1.4	2.8 (J)	<1.4						
10/17/2018					<1.4	<1.4		270	
10/18/2018				<1.4					
11/13/2018							130		
11/14/2018									110
2/27/2019	<1.4	2.4 (J)	<1.4	1.9 (J)	<1.4	<1.4			
2/28/2019							130	240	
3/5/2019									86
5/31/2019	<1.4	3.3 (J)	<1.4	<1.4	<1.4	<1.4			
6/4/2019							100	280	100
11/6/2019	<1.4	3.7 (J)	<1.4	<1.4	<1.4	<1.4			
11/12/2019							100	260	93

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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	<1.4	1.7 (J)	<1.4	<1.4	<1.4	<1.4			
4/18/2020							64	250	
4/22/2020									130
10/7/2020	<1.4	4 (J)	<1.4	<1.4	<1.4	<1.4			
10/12/2020							64	230	110
3/29/2021	<1.4	2.3	<1.4	<1.4	<1.4	<1.4			
4/1/2021							84	200	110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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 6/10/2021 5:37 PM View: 200 Series

Gulf Clean Energy Center 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
3/29/2021	38	28	12	26	42	40			
4/1/2021							640	650	2300

Appendix III Intrawell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/10/2021, 5:44 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	3/29/2021	4.79	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	3/29/2021	4.92	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	3/29/2021	4.89	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	3/29/2021	4.8	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	4/1/2021	5.06	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	4/1/2021	4.52	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	4/1/2021	4.59	No	14	4.319	0.1573	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-306	5.438	4.624	3/29/2021	4.93	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	3/29/2021	5.46	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2

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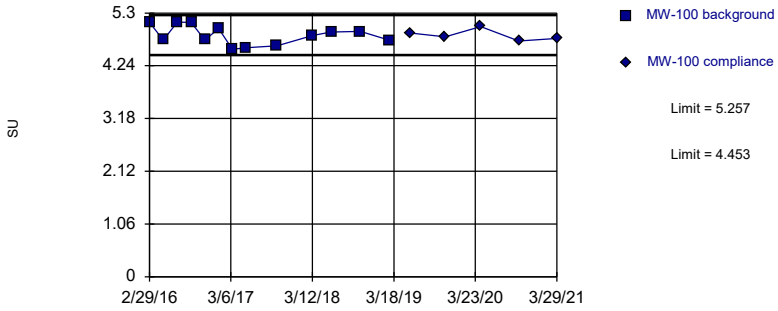
Within Limits

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 6/10/2021 5:40 PM View: 200 Series Intrawell

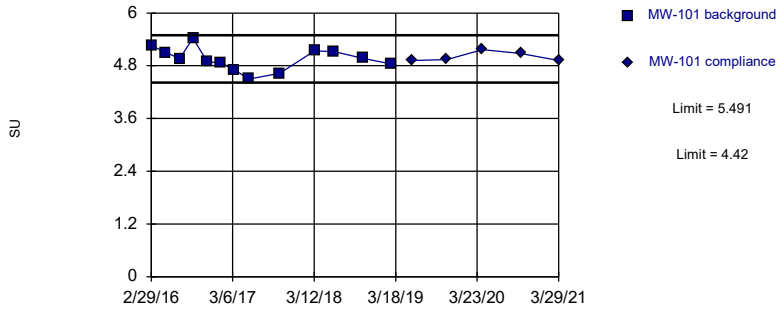
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/10/2021 5:40 PM View: 200 Series Intrawell

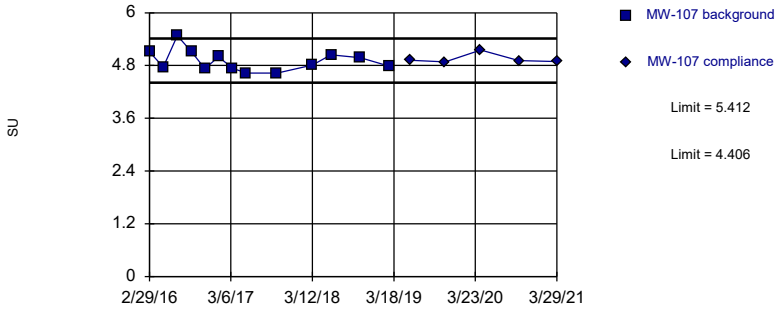
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/10/2021 5:40 PM View: 200 Series Intrawell

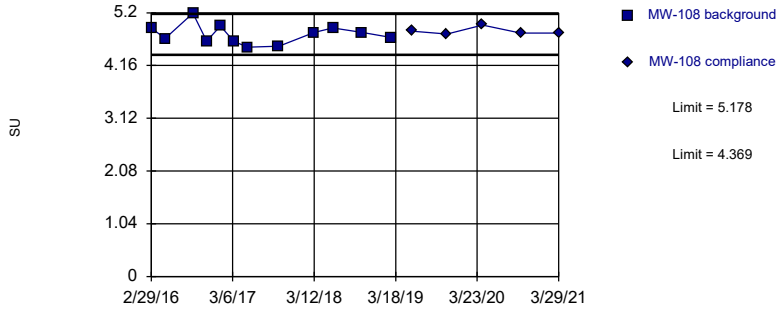
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/10/2021 5:40 PM View: 200 Series Intrawell

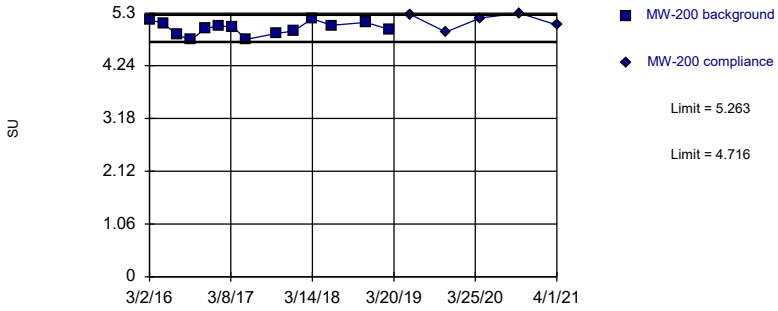
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/10/2021 5:40 PM View: 200 Series Intrawell

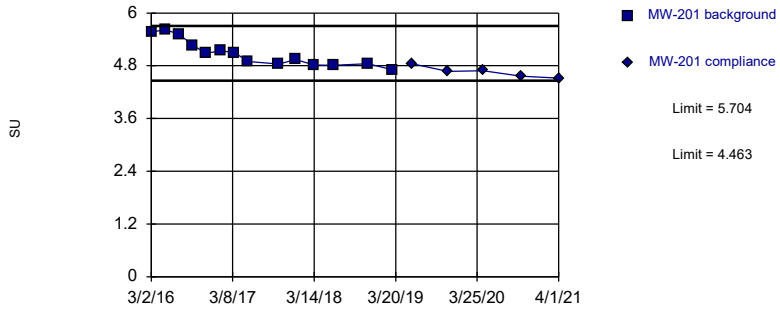
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/10/2021 5:40 PM View: 200 Series Intrawell

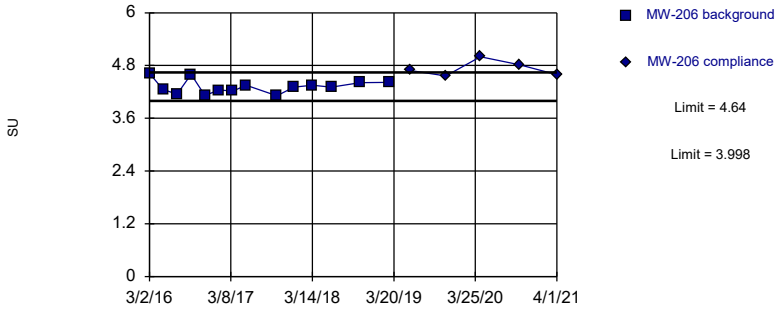
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

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 6/10/2021 5:40 PM View: 200 Series Intrawell

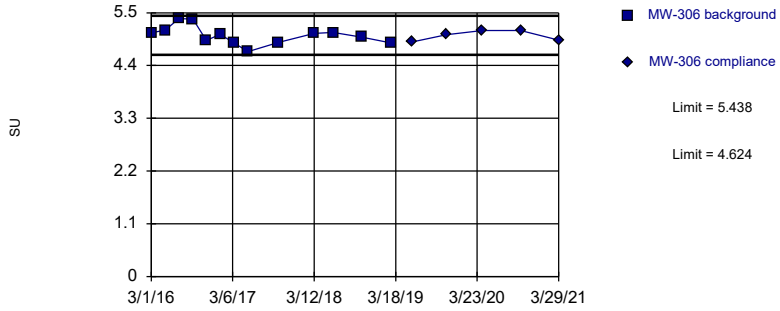
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

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.

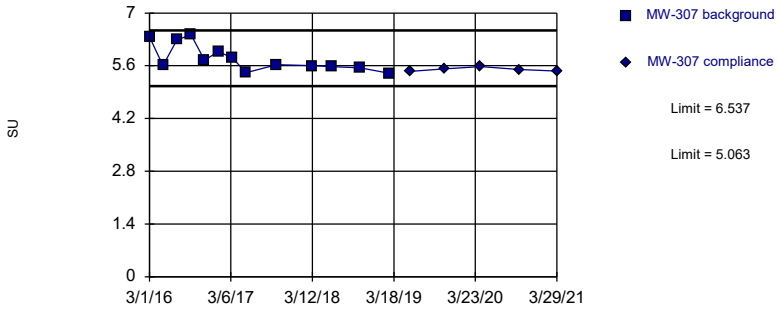
Constituent: Field pH Analysis Run 6/10/2021 5:40 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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 6/10/2021 5:40 PM View: 200 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.79

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.92

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.89

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.8

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021		5.06

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021		4.52

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021		4.59

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.93

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/10/2021 5:44 PM View: 200 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		5.46

300 Series

Appendix III Interwell Prediction Limits - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/14/2021, 3:53 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-303**	**0.081**	**n/a**	**4/1/2021**	**3.5**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**4/1/2021**	**3.2**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**4/1/2021**	**5.1**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-303**	**1.466**	**n/a**	**4/1/2021**	**97**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.466**	**n/a**	**4/1/2021**	**170**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.466**	**n/a**	**4/1/2021**	**73**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.968**	**n/a**	**3/31/2021**	**8.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.968**	**n/a**	**4/1/2021**	**48**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.968**	**n/a**	**4/1/2021**	**71**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.968**	**n/a**	**4/1/2021**	**7.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.968**	**n/a**	**4/1/2021**	**96**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**4/1/2021**	**0.26**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**4/1/2021**	**0.19**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-300**	**4**	**n/a**	**3/31/2021**	**18**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-303**	**4**	**n/a**	**4/1/2021**	**320**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**4**	**n/a**	**4/1/2021**	**750**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**4**	**n/a**	**4/1/2021**	**190**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**4/1/2021**	**600**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**4/1/2021**	**1200**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**4/1/2021**	**560**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**

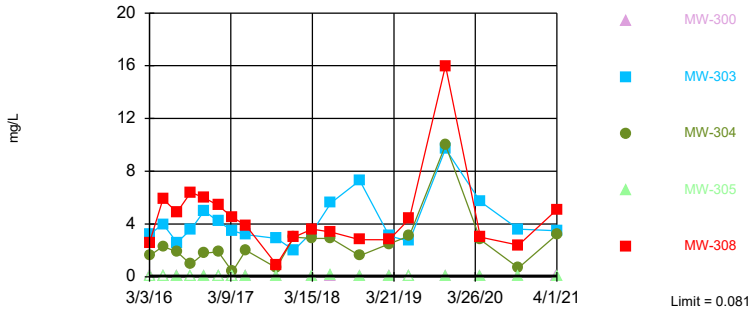
Appendix III Interwell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/14/2021, 3:53 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-300	0.081	n/a	3/31/2021	0.046	No	108	n/a	n/a	86.11	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**4/1/2021**	**3.5**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**4/1/2021**	**3.2**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	4/1/2021	0.035	No	108	n/a	n/a	86.11	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**4/1/2021**	**5.1**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.466	n/a	3/31/2021	0.3	No	108	-0.3772	0.4212	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.466**	**n/a**	**4/1/2021**	**97**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.466**	**n/a**	**4/1/2021**	**170**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-305	1.466	n/a	4/1/2021	0.61	No	108	-0.3772	0.4212	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-308**	**1.466**	**n/a**	**4/1/2021**	**73**	**Yes**	**108**	**-0.3772**	**0.4212**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.968**	**n/a**	**3/31/2021**	**8.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.968**	**n/a**	**4/1/2021**	**48**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.968**	**n/a**	**4/1/2021**	**71**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.968**	**n/a**	**4/1/2021**	**7.4**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.968**	**n/a**	**4/1/2021**	**96**	**Yes**	**108**	**5.292**	**0.9295**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	3/31/2021	0.032ND	No	108	n/a	n/a	97.22	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**4/1/2021**	**0.26**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	4/1/2021	0.04	No	108	n/a	n/a	97.22	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	4/1/2021	0.032	No	108	n/a	n/a	97.22	n/a	n/a	0.0001701	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**4/1/2021**	**0.19**	**Yes**	**108**	**n/a**	**n/a**	**97.22**	**n/a**	**n/a**	**0.0001701**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-300**	**4**	**n/a**	**3/31/2021**	**18**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-303**	**4**	**n/a**	**4/1/2021**	**320**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**4**	**n/a**	**4/1/2021**	**750**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-305	4	n/a	4/1/2021	1.9	No	107	n/a	n/a	76.64	n/a	n/a	0.000173	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**4**	**n/a**	**4/1/2021**	**190**	**Yes**	**107**	**n/a**	**n/a**	**76.64**	**n/a**	**n/a**	**0.000173**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	3/31/2021	48	No	108	n/a	n/a	25	n/a	n/a	0.0001701	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**4/1/2021**	**600**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**4/1/2021**	**1200**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	4/1/2021	52	No	108	n/a	n/a	25	n/a	n/a	0.0001701	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**4/1/2021**	**560**	**Yes**	**108**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.0001701**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit
Interwell Non-parametric

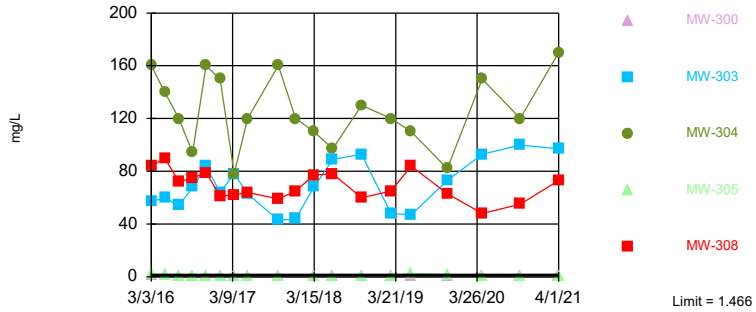


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 108 background values. 86.11% NDs. Annual per-constituent alpha = 0.001699. Individual comparison alpha = 0.0001701 (1 of 2). Comparing 5 points to limit.

Constituent: Boron Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit
Interwell Parametric

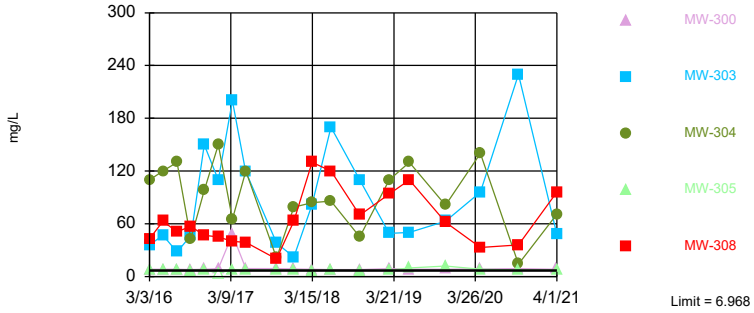


Background Data Summary (based on natural log transformation): Mean=-0.3772, Std. Dev.=0.4212, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 14.04, critical = 14.07. Kappa = 1.804 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

Constituent: Calcium Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-300, MW-303, MW-304, MW-305, MW-308

Prediction Limit
Interwell Parametric

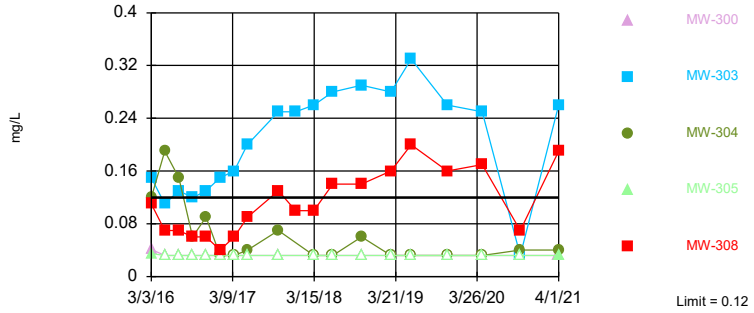


Background Data Summary: Mean=5.292, Std. Dev.=0.9295, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 12.56, critical = 14.07. Kappa = 1.804 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

Constituent: Chloride Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 108 background values. 97.22% NDs. Annual per-constituent alpha = 0.001699. Individual comparison alpha = 0.0001701 (1 of 2). Comparing 5 points to limit.

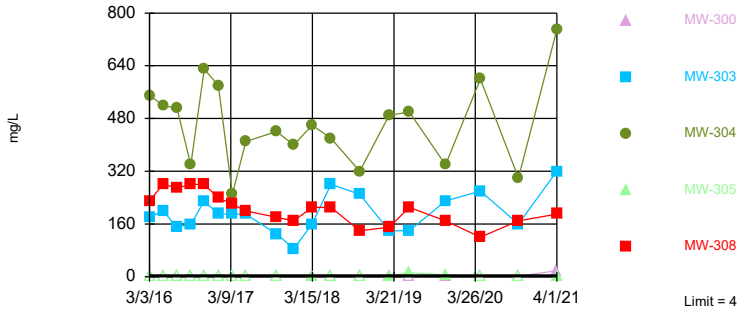
Constituent: Fluoride Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-300, 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 107 background values. 76.64% NDs. Annual per-constituent alpha = 0.001728. Individual comparison alpha = 0.000173 (1 of 2). Comparing 5 points to limit.

Constituent: Sulfate Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

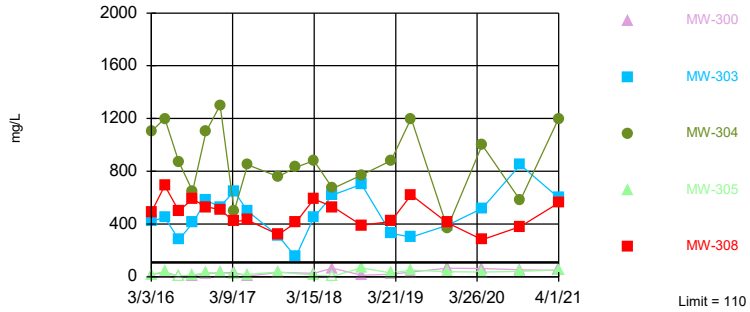
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 108 background values. 25% NDs. Annual per-constituent alpha = 0.001699. Individual comparison alpha = 0.0001701 (1 of 2). Comparing 5 points to limit.

Constituent: Total Dissolved Solids Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-304	MW-303	MW-305
2/29/2016	<0.018	<0.018	<0.018	<0.018					
3/1/2016					<0.018	<0.018			
3/3/2016							1.6	3.2	<0.018
5/2/2016	<0.018	<0.018		<0.018		<0.018			
5/3/2016					<0.018				
5/4/2016			<0.018				2.3	4	<0.018 (*)
7/5/2016	<0.018	<0.018		<0.018	<0.018	<0.018			
7/6/2016							1.9	2.6	
7/7/2016									0.034 (J)
7/8/2016			<0.018						
9/6/2016	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
9/7/2016							0.95		<0.018
9/8/2016								3.6	
11/7/2016	<0.018	<0.018		<0.018	<0.018	<0.018			0.045 (J)
11/8/2016							1.8	5	
11/10/2016			<0.018						
1/9/2017	<0.018	<0.018		<0.018	<0.018	<0.018			
1/10/2017							1.9	4.2	<0.018 (*)
1/11/2017			<0.018						
3/13/2017	<0.018	<0.018		0.022 (J)	<0.018	<0.018			
3/14/2017			<0.018						
3/15/2017							0.38		<0.018
3/16/2017								3.5	
5/15/2017	<0.018	<0.018		<0.018	<0.018	<0.018		3.2	
5/16/2017							2		0.043 (J)
5/18/2017			<0.018						
10/2/2017	<0.018	<0.018		0.023 (J)	<0.018	<0.018			
10/3/2017							0.67	2.9	0.026 (J)
10/5/2017			<0.018						
12/20/2017							3	2	
3/12/2018	<0.018	<0.018		<0.018	<0.018	<0.018			
3/13/2018							2.9	3.4	0.07
3/14/2018			<0.018						
6/5/2018	<0.018	<0.018		<0.018					
6/6/2018					<0.018	<0.018			
6/7/2018							2.9	5.6	0.1
6/10/2018			<0.018						
10/16/2018	<0.018	<0.018		<0.018					
10/17/2018					<0.018	<0.018	1.6	7.3	0.074
10/18/2018			0.081						
2/27/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
2/28/2019							2.5	3.1	0.027 (J)
5/31/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	3.1	2.7	<0.018
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)	0.011 (V)	0.0099 (J)			
11/11/2019							10	9.7	0.036 (V)
4/16/2020	0.02	0.013	0.013	0.017	0.0075 (J)	0.0055 (J)			
4/18/2020							2.8	5.7	0.016
10/7/2020	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
10/8/2020								3.6	
10/9/2020							0.68		0.018 (J)
3/29/2021	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
3/31/2021									

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-304	MW-303	MW-305
4/1/2021							3.2	3.5	0.035

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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	<0.018	5.9
7/5/2016		
7/6/2016		4.9
7/7/2016	<0.018	
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	<0.018 (*)	5.4
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	<0.018	
3/16/2017		4.5
5/15/2017		
5/16/2017	<0.018	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	<0.018	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	<0.018	
5/31/2019	<0.018	4.4
11/6/2019		
11/11/2019	0.035 (V)	16
4/16/2020		
4/18/2020	0.027	3
10/7/2020		
10/8/2020		2.4
10/9/2020	0.025 (J)	
3/29/2021		
3/31/2021	0.046	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
4/1/2021		5.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-304	MW-303	MW-305
2/29/2016	1	0.67	1 (J)	1.4					
3/1/2016					0.6	1.5			
3/3/2016							160	57	2.5
5/2/2016	0.78	0.58		1.1		0.83			
5/3/2016					0.55				
5/4/2016			0.62				140	60	1.1
7/5/2016	0.65	0.43		0.94	0.53	1.6			
7/6/2016							120	54	
7/7/2016									0.71
7/8/2016			0.4						
9/6/2016	0.7	0.48	0.45	1	0.5	1.6			
9/7/2016							94		0.78
9/8/2016								68	
11/7/2016	0.8	0.56		1.2	0.68	1.5			0.82
11/8/2016							160	84	
11/10/2016			0.44						
1/9/2017	0.74	0.43		1.2	0.56	0.98			
1/10/2017							150	64	0.58
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							78		0.69
3/16/2017								78	
5/15/2017	0.76	0.37		1	0.58	0.83		63	
5/16/2017							120		0.66
5/18/2017			0.38						
10/2/2017	0.78	0.47		1.2	0.62	0.83			
10/3/2017							160	43	0.68
10/5/2017			0.39						
12/20/2017							120	44	
3/12/2018	0.88	0.49		1.4	0.59	0.71			
3/13/2018							110	68	0.65
3/14/2018			0.49						
6/5/2018	0.9	0.49		1.2					
6/6/2018					0.59	0.68			
6/7/2018							97	89	0.6
6/10/2018			0.39						
10/16/2018	0.86	0.42		1.4					
10/17/2018					0.54	0.66	130	93	0.73
10/18/2018			0.41						
2/27/2019	0.96	0.56	0.44	1.3	0.63	0.7			
2/28/2019							120	48	0.84
5/31/2019	0.76	0.33	0.28	1.1	0.45	0.52	110	47	2.6
11/6/2019	0.88	0.49	0.46	1.2	0.55	0.74			
11/11/2019							82	73	1.6 (V)
4/16/2020	0.84	0.36	0.38	1.3	0.53	0.59			
4/18/2020							150	93	0.9
10/7/2020	0.93	0.43	0.47	1.6	0.63	0.67			
10/8/2020								100	
10/9/2020							120		0.76
3/29/2021	1	0.46	0.43	1.6	0.68	0.75			
3/31/2021									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-304	MW-303	MW-305
4/1/2021							170	97	0.61

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
10/7/2020		
10/8/2020		55
10/9/2020	0.58	
3/29/2021		
3/31/2021	0.3	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
4/1/2021		73

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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	5.3	7.4	8.1	5.4					
3/1/2016					5.6	4			
3/3/2016							36	7.9	8.2
5/2/2016	4.4	6.3	6			3.6			
5/3/2016					5.1				
5/4/2016				4.5			47	7	8.2
7/5/2016	4.2	4.8	5.2		4.7	3.6			
7/6/2016							28		
7/7/2016								7.1	8.3
7/8/2016				4.9					
9/6/2016	4.3	6	5.5	4.3	4.4	4			
9/7/2016								6.9	8.1
9/8/2016							47		
11/7/2016	4.2	5.7	5.4		4.6	4.4		8	
11/8/2016							150		8.5
11/10/2016				4.5					
1/9/2017	5.3	6.8	6.1		5.3	4.4			
1/10/2017							110	<7.4 (*)	9.1
1/11/2017				5.3					
3/13/2017	5.2	6.8	5.5		5.6	4.1			
3/14/2017				5.5					
3/15/2017								8.1	48
3/16/2017							200		
5/15/2017	4.8	6.1	4.7		5.2	3.7	120		
5/16/2017								7.8	8.9
5/18/2017				5					
10/2/2017	5.5	6	6.1		5.5	4.8			
10/3/2017							38	7.1	8.9
10/5/2017				5.6					
12/20/2017							22	7.6	8.8
3/12/2018	5.3	5.9	6.1		5.6	4			
3/13/2018							82	6.9	8.3
3/14/2018				5.2					
6/5/2018	5.3	6.5	5.5						
6/6/2018					5.6	4.1			8
6/7/2018							170	7.3	
6/10/2018				5.2					
10/16/2018	5.5	5.9	5.1						
10/17/2018					5.5	3.7	110	6.8	
10/18/2018				5.2					8.1
2/27/2019	4.6	4.3	5	5.1	5.1	4			
2/28/2019							49	7.1	9.1
5/31/2019	5.1	4.5	5.4	5	5.4	3.7	50	9.8	8.2
11/6/2019	5.8	5.7	6.1	6	5.9	4.7			
11/11/2019							63	12	8.4
4/16/2020	6.1	5.6	5.3	5.8	6.2	4.9			
4/18/2020							96	8.2	8.7
10/7/2020	6.6	5.1	5.7	5.9	6.1	4.7			
10/8/2020							230		
10/9/2020								7.5	8.9
3/29/2021	10	5	5.2	5.8	6.2	5.4			
3/31/2021									8.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021							48	7.4	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-308
2/29/2016		
3/1/2016		
3/3/2016	110	43
5/2/2016		
5/3/2016		
5/4/2016	120	63
7/5/2016		
7/6/2016	130	51
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	43	57
9/8/2016		
11/7/2016		
11/8/2016	98	47
11/10/2016		
1/9/2017		
1/10/2017	150	45
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	65	
3/16/2017		40
5/15/2017		
5/16/2017	120	39
5/18/2017		
10/2/2017		
10/3/2017	21	20
10/5/2017		
12/20/2017	79	63
3/12/2018		
3/13/2018	84	130
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	86	120
6/10/2018		
10/16/2018		
10/17/2018	45	70
10/18/2018		
2/27/2019		94
2/28/2019	110	
5/31/2019	130	110
11/6/2019		
11/11/2019	81	62
4/16/2020		
4/18/2020	140	33
10/7/2020		
10/8/2020		36
10/9/2020	14	
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-308
4/1/2021	71	96

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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	<0.032	<0.032	<0.032	<0.032					
3/1/2016					<0.032	0.033 (J)			
3/3/2016							0.15	0.035 (J)	0.041 (J)
5/2/2016	<0.032	<0.032	<0.032			<0.032			
5/3/2016					<0.032				
5/4/2016				<0.032			0.11	<0.032	<0.032
7/5/2016	<0.032	<0.032	<0.032		<0.032	<0.032			
7/6/2016							0.13		
7/7/2016								<0.032	<0.032
7/8/2016				<0.032					
9/6/2016	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
9/7/2016								<0.032	<0.032
9/8/2016							0.12		
11/7/2016	<0.032	<0.032	<0.032		<0.032	<0.032		<0.032	
11/8/2016							0.13		<0.032
11/10/2016				<0.032					
1/9/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
1/10/2017							0.15	<0.032	<0.032
1/11/2017				<0.032					
3/13/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
3/14/2017				<0.032					
3/15/2017								<0.032	<0.032
3/16/2017							0.16		
5/15/2017	<0.032	<0.032	<0.032		<0.032	<0.032	0.2		
5/16/2017								<0.032	<0.032
5/18/2017				<0.032					
10/2/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
10/3/2017							0.25	<0.032	<0.032
10/5/2017				<0.032					
12/20/2017							0.25		
3/12/2018	<0.032	<0.032	<0.032		<0.032	<0.032			
3/13/2018							0.26	<0.032	<0.032
3/14/2018				0.12					
6/5/2018	<0.032	<0.032	<0.032						
6/6/2018					<0.032	<0.032			<0.032
6/7/2018							0.28	<0.032	
6/10/2018				<0.032					
10/16/2018	<0.032	<0.032	<0.032						
10/17/2018					<0.032	<0.032	0.29	<0.032	
10/18/2018				<0.032					<0.032
2/27/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
2/28/2019							0.28	<0.032	<0.032
5/31/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	0.33	<0.032	<0.032
11/6/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
11/11/2019							0.26	<0.032	<0.032
4/16/2020	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
4/18/2020							0.25	<0.032	<0.032
10/7/2020	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
10/8/2020							<0.032		
10/9/2020								<0.032	<0.032
3/29/2021	0.06	<0.032	<0.032	<0.032	<0.032	<0.032			
3/31/2021									<0.032

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021							0.26	0.032	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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)	<0.032
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.032
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	<0.032
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	0.14	<0.032
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		<0.032
5/31/2019	0.2	<0.032
11/6/2019		
11/11/2019	0.16	<0.032
4/16/2020		
4/18/2020	0.17	<0.032
10/7/2020		
10/8/2020	0.07 (J)	
10/9/2020		0.04 (J)
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-304
4/1/2021	0.19	0.04

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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	<1.4	1.6 (J)	<1.4	<1.4					
3/1/2016					<1.4	<1.4			
3/3/2016							180	<1.4	<1.4
5/2/2016	15 (o)	2.1 (J)	<1.4			<1.4			
5/3/2016					<1.4				
5/4/2016				<1.4			200	<1.4	<1.4
7/5/2016	<1.4	2 (J)	<1.4		<1.4	<1.4			
7/6/2016							150		
7/7/2016								<1.4	<1.4
7/8/2016				<1.4					
9/6/2016	<1.4	1.8 (J)	<1.4	<1.4	<1.4	3.7 (J)			
9/7/2016								<1.4	<1.4
9/8/2016							160		
11/7/2016	<1.4	1.7 (J)	<1.4		<1.4	<1.4		<1.4	
11/8/2016							230		<1.4
11/10/2016				<1.4					
1/9/2017	<1.4	1.5 (J)	2.6 (J)		<1.4	<1.4			
1/10/2017							190	<1.4	<1.4
1/11/2017				<1.4					
3/13/2017	2.5 (J)	2.2 (J)	<1.4		<1.4	<1.4			
3/14/2017				<1.4					
3/15/2017								<1.4 (*)	<1.4 (*)
3/16/2017							190		
5/15/2017	<1.4	1.9 (J)	<1.4		<1.4	<1.4	190		
5/16/2017								<1.4	<1.4
5/18/2017				<1.4 (X)					
10/2/2017	<1.4	3.4 (J)	<1.4		1.5 (J)	1.7 (J)			
10/3/2017							130	<1.4	<1.4
10/5/2017				<1.4					
12/20/2017							85		
3/12/2018	<1.4	2.6 (J)	<1.4		<1.4	<1.4			
3/13/2018							160	1.5 (J)	<1.4
3/14/2018				<1.4					
6/5/2018	<1.4	2.6 (J)	<1.4						
6/6/2018					<1.4	<1.4			<1.4
6/7/2018							280	<1.4	
6/10/2018				1.5 (J)					
10/16/2018	<1.4	2.8 (J)	<1.4						
10/17/2018					<1.4	<1.4	250	<1.4	
10/18/2018				<1.4					<1.4
2/27/2019	<1.4	2.4 (J)	<1.4	1.9 (J)	<1.4	<1.4			
2/28/2019							140	2.6 (J)	<1.4
5/31/2019	<1.4	3.3 (J)	<1.4	<1.4	<1.4	<1.4	140	12	<1.4
11/6/2019	<1.4	3.7 (J)	<1.4	<1.4	<1.4	<1.4			
11/11/2019							230	5.5	<1.4
4/16/2020	<1.4	1.7 (J)	<1.4	<1.4	<1.4	<1.4			
4/18/2020							260	<1.4	<1.4
10/7/2020	<1.4	4 (J)	<1.4	<1.4	<1.4	<1.4			
10/8/2020							160		
10/9/2020								<1.4	<1.4
3/29/2021	<1.4	2.3	<1.4	<1.4	<1.4	<1.4			
3/31/2021									18

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021							320	1.9	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-304
2/29/2016		
3/1/2016		
3/3/2016	230	550
5/2/2016		
5/3/2016		
5/4/2016	280	520
7/5/2016		
7/6/2016	270	510
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	280	340
9/8/2016		
11/7/2016		
11/8/2016	280	630
11/10/2016		
1/9/2017		
1/10/2017	240	580
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		250
3/16/2017	220	
5/15/2017		
5/16/2017	200	410
5/18/2017		
10/2/2017		
10/3/2017	180	440
10/5/2017		
12/20/2017	170	400
3/12/2018		
3/13/2018	210	460
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	210	420
6/10/2018		
10/16/2018		
10/17/2018	140	320
10/18/2018		
2/27/2019	150	
2/28/2019		490
5/31/2019	210	500
11/6/2019		
11/11/2019	170	340
4/16/2020		
4/18/2020	120	600
10/7/2020		
10/8/2020	170	
10/9/2020		300
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-308	MW-304
4/1/2021	190	750

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-304	MW-303	MW-305
2/29/2016	20	<5	20	12					
3/1/2016					10	<5			
3/3/2016							1100	420	18
5/2/2016	<5	<5		6		36			
5/3/2016					<5				
5/4/2016			6				1200	450	38
7/5/2016	12	14		<5	<5	<5			
7/6/2016							870	280	
7/7/2016									<5
7/8/2016			6						
9/6/2016	36	30	36	38	36	44			
9/7/2016							650		14
9/8/2016								410	
11/7/2016	18	8		<5	<5	30			32
11/8/2016							1100	580	
11/10/2016			16						
1/9/2017	4 (J)	<5		14	<5	12			
1/10/2017							1300	530	32
1/11/2017			38						
3/13/2017	6	<5		8	22	20			
3/14/2017			<5						
3/15/2017							500		20
3/16/2017								650	
5/15/2017	<5	<5		<5	6	4 (J)		500	
5/16/2017							850		18
5/18/2017			10						
10/2/2017	<5	<5		6	16	24			
10/3/2017							760	310	36
10/5/2017			<5						
12/20/2017							830	150	
3/12/2018	18	14		<5	<5	<5			
3/13/2018							880	450	12
3/14/2018			8						
6/5/2018	10	<5		14					
6/6/2018					20	16			
6/7/2018							670	620	<5
6/10/2018			8						
10/16/2018	32	12		6					
10/17/2018					44	44	770	700	68
10/18/2018			28						
2/27/2019	110	54	68	110	20	28			
2/28/2019							880	330	28
5/31/2019	46	8	<5	26	32	18	1200	300	50
11/6/2019	<5	4 (J)	10	<5	24	20			
11/11/2019							370	390	38
4/16/2020	28	18	44	8	6	8			
4/18/2020							1000	520	36
10/7/2020	30	20	24	26	16	12			
10/8/2020								850	
10/9/2020							580		42
3/29/2021	38	12	26	28	42	40			
3/31/2021									

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-304	MW-303	MW-305
4/1/2021							1200	600	52

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
10/7/2020		
10/8/2020		380
10/9/2020	52	
3/29/2021		
3/31/2021	48	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/14/2021 3:53 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-300	MW-308
4/1/2021		560

Appendix III Intrawell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/14/2021, 3:51 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	3/29/2021	4.79	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	3/29/2021	4.92	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	3/29/2021	4.89	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	3/29/2021	4.8	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	3/31/2021	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	4/1/2021	6.46	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	4/1/2021	5.81	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	4/1/2021	4.83	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	3/29/2021	4.93	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	3/29/2021	5.46	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	4/1/2021	6.55	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

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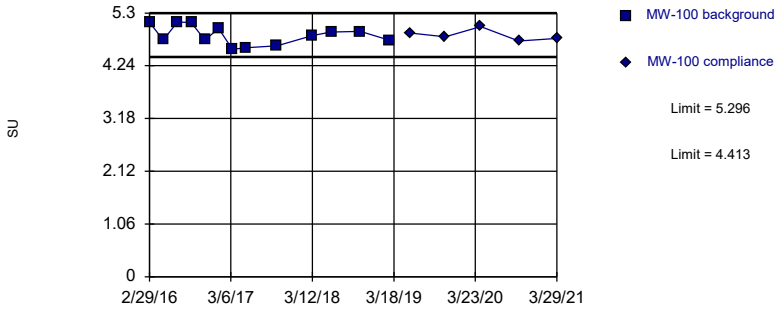
Within Limits

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 6/14/2021 3:43 PM View: 300 Series Intrawell

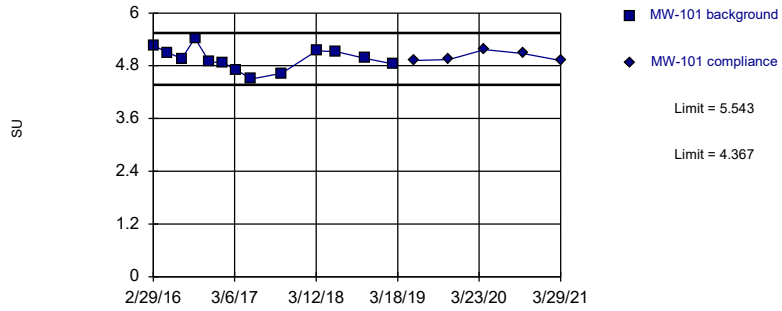
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

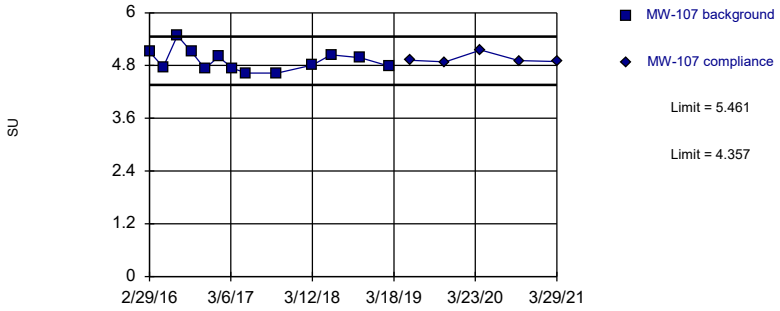
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

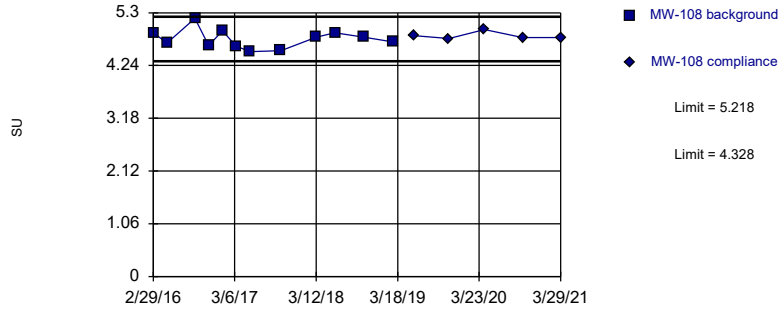
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

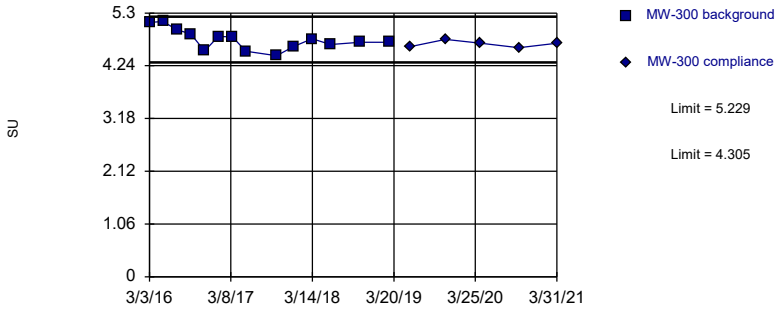
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

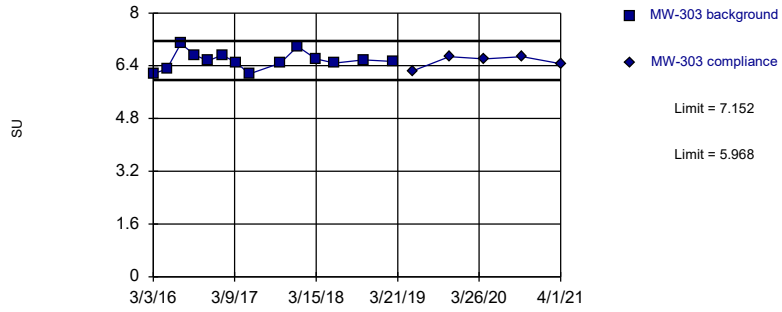
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

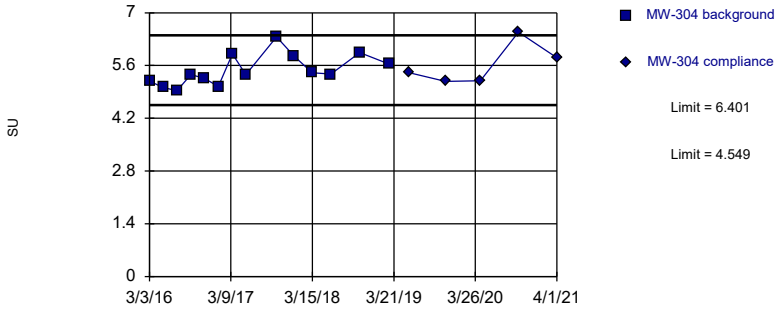
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

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 6/14/2021 3:43 PM View: 300 Series Intrawell

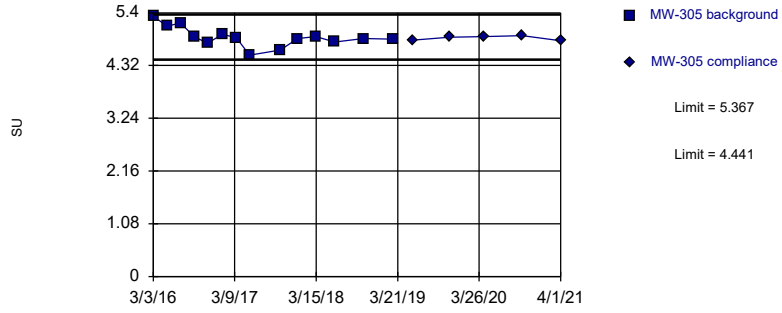
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

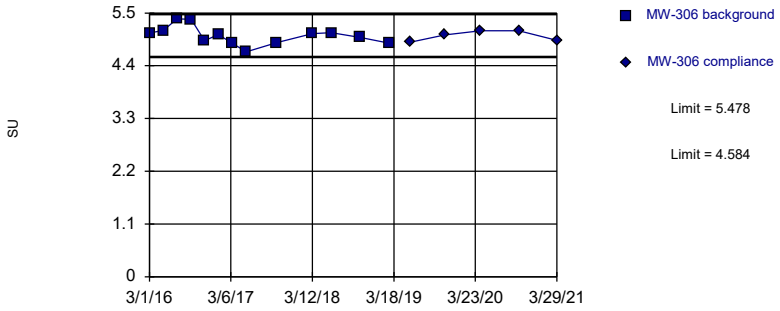
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

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 6/14/2021 3:43 PM View: 300 Series Intrawell

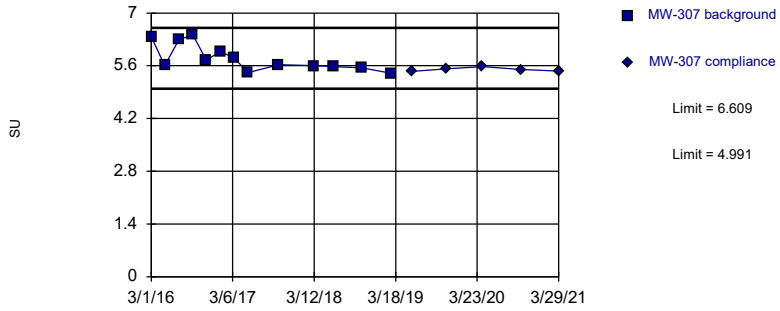
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

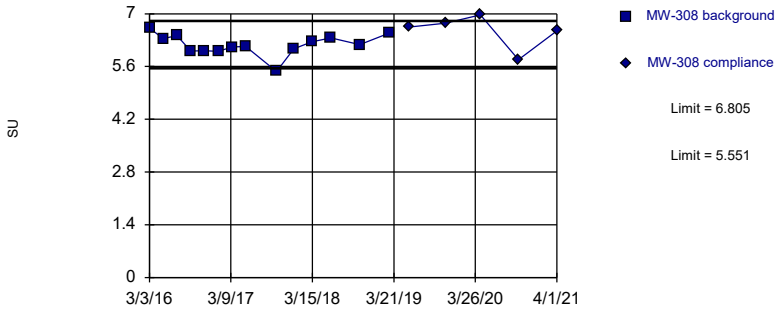
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.79

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.92

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.89

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.8

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
3/31/2021		4.69

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021		6.46

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021		5.81

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021		4.83

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		4.93

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
3/29/2021		5.46

Prediction Limit

Constituent: Field pH (SU) Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell

Gulf Clean Energy Center 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
4/1/2021		6.55

Trend Tests - 100, 200 & 300 Series

100 Series

Appendix III Trend Test Summary - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.05306**	**76**	**68**	**Yes**	**18**	**22.22**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.3862**	**99**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**2.161**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.757**	**96**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1171**	**-92**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

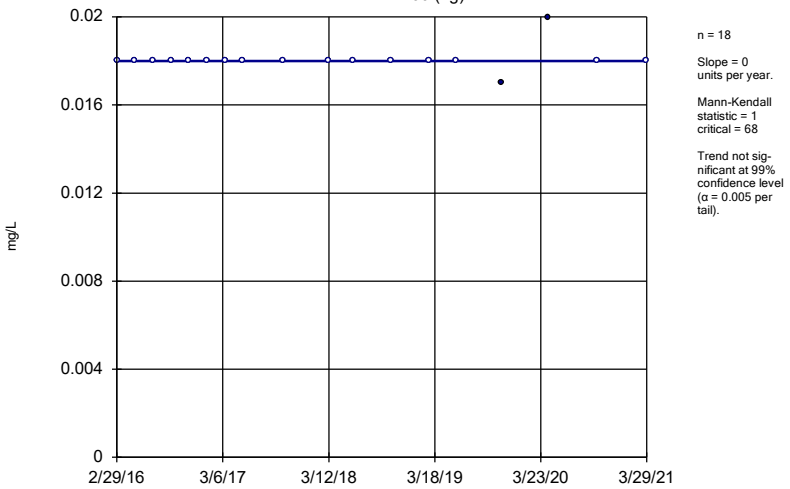
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	1	68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-18	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.01995	-33	-74	No	19	15.79	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0.03933	23	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	0.04178	20	74	No	19	10.53	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-5	-68	No	18	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.05306**	**76**	**68**	**Yes**	**18**	**22.22**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.2528	59	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04554	61	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01549	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-103	-0.2021	-73	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-104	3.358	65	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	1.236	22	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02277	-45	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07081	58	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-109**	**0.3862**	**99**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	1.736	33	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1916	63	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**2.161**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	-1	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	0	-1	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.07414	-30	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**1.757**	**96**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	4.687	17	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.1719	58	68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02215	-23	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01718	-14	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.007087	13	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.01132	-4	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.00306	3	63	No	17	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1171**	**-92**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	1	68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.0198	-40	-74	No	19	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-6	-63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	11	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.22	-38	-74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	42.37	29	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	0.306	1	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3561	67	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-109	-0.2911	-11	-74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	16.74	59	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-13	-68	No	18	88.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.229	38	68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.42	25	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-103	7.122	27	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	0	-5	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	6.642	15	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.057	41	68	No	18	38.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.598	31	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	35.42	45	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	1.244	9	68	No	18	16.67	n/a	n/a	0.01	NP

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 68

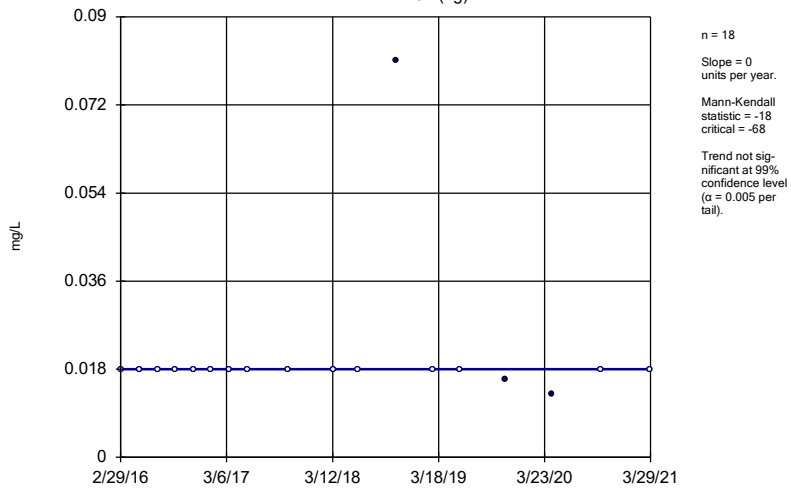
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -18
critical = -68

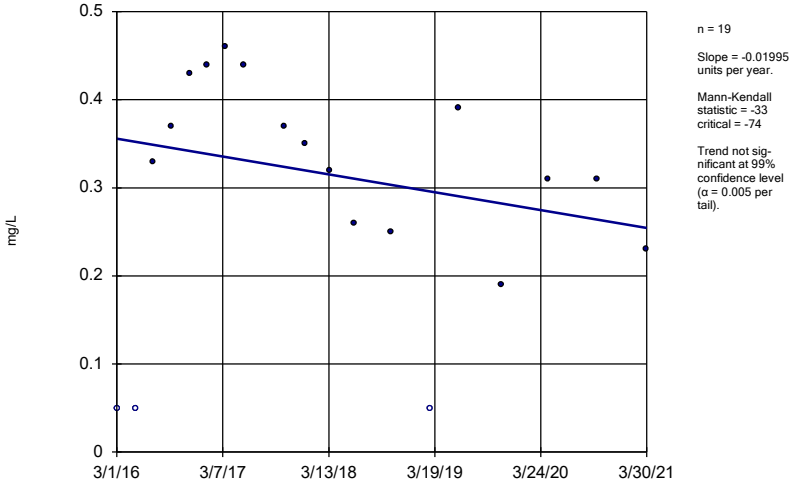
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-103



n = 19

Slope = -0.01995 units per year.

Mann-Kendall statistic = -33
critical = -74

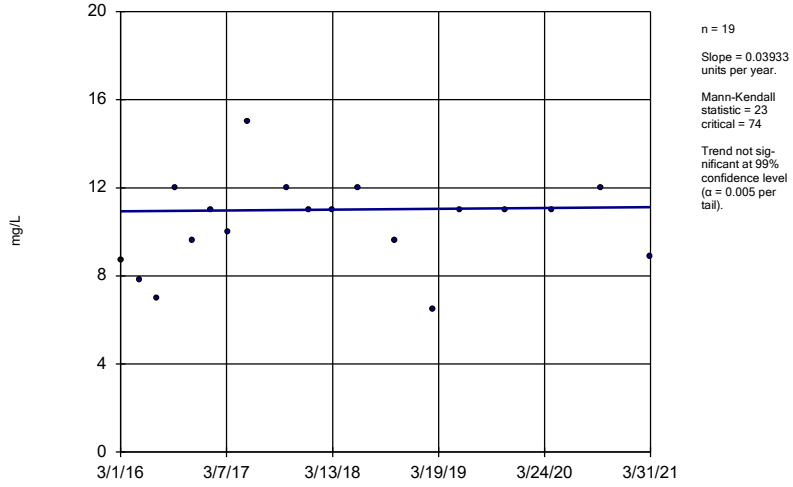
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-104



n = 19

Slope = 0.03933 units per year.

Mann-Kendall statistic = 23
critical = 74

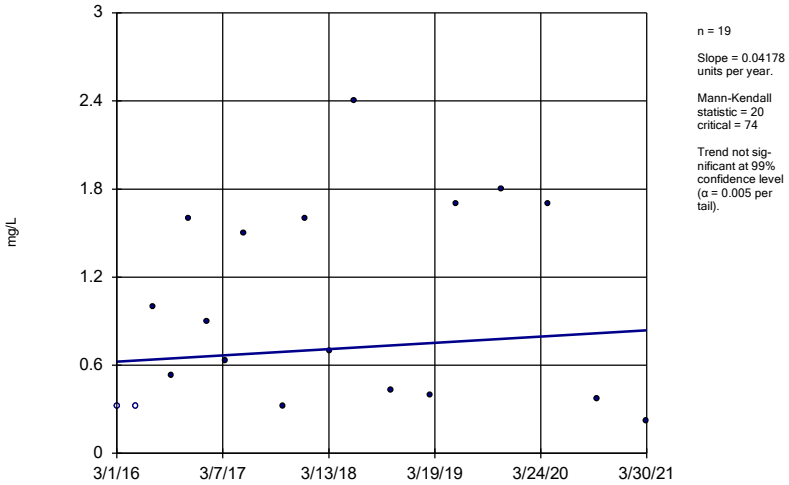
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-105



n = 19

Slope = 0.04178 units per year.

Mann-Kendall statistic = 20
critical = 74

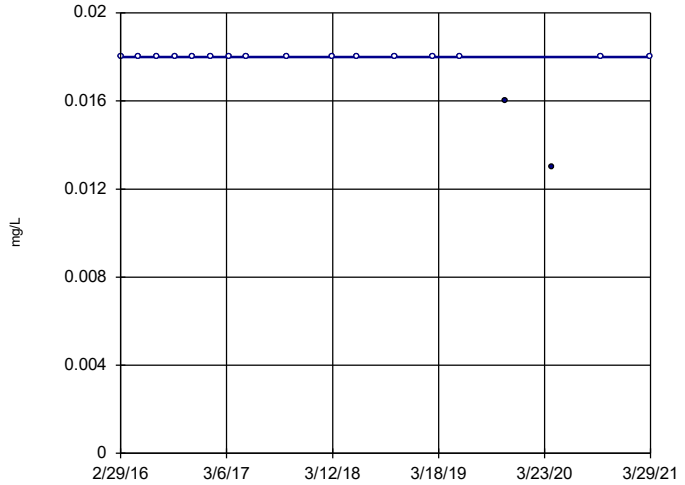
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -68

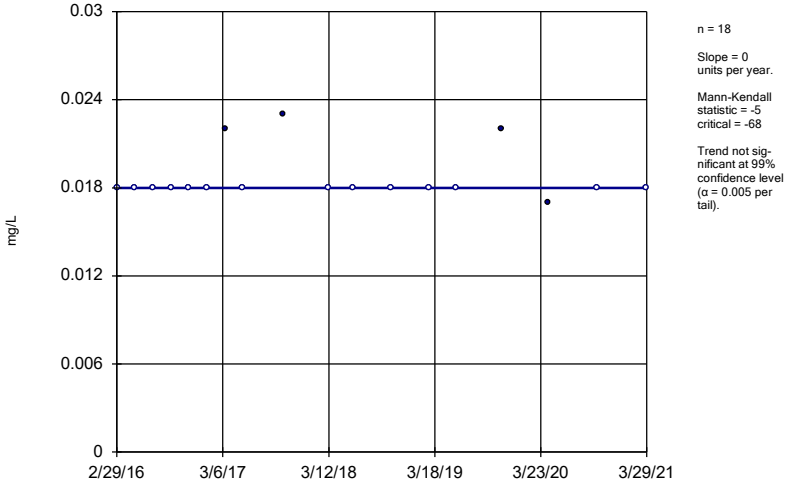
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -5
critical = -68

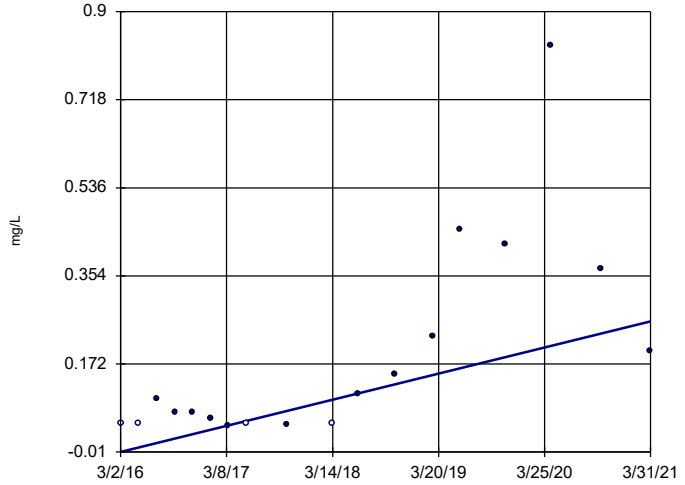
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-109



n = 18

Slope = 0.05306 units per year.

Mann-Kendall statistic = 76
critical = 68

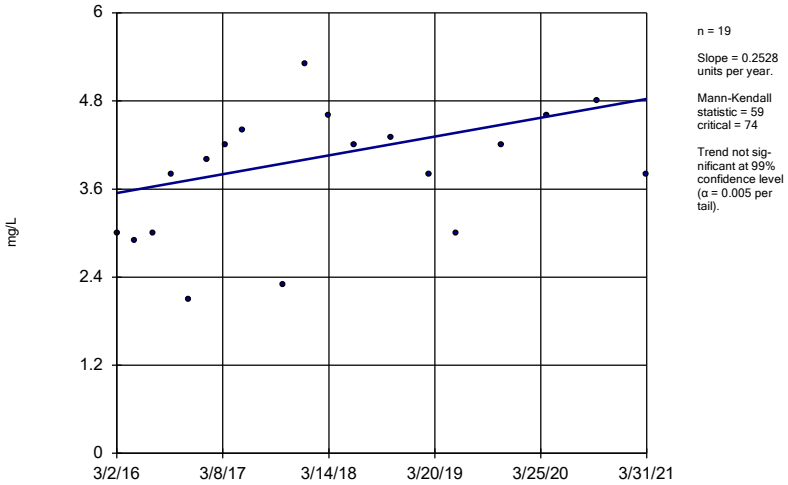
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-110



n = 19

Slope = 0.2528 units per year.

Mann-Kendall statistic = 59 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests

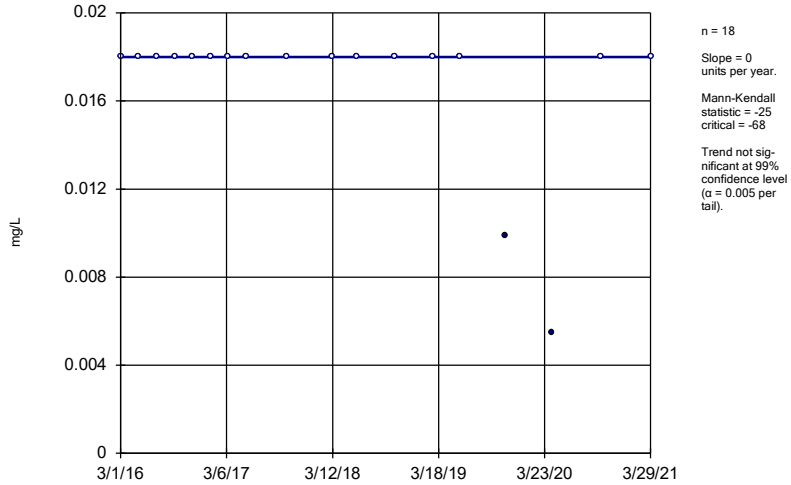
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25 critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

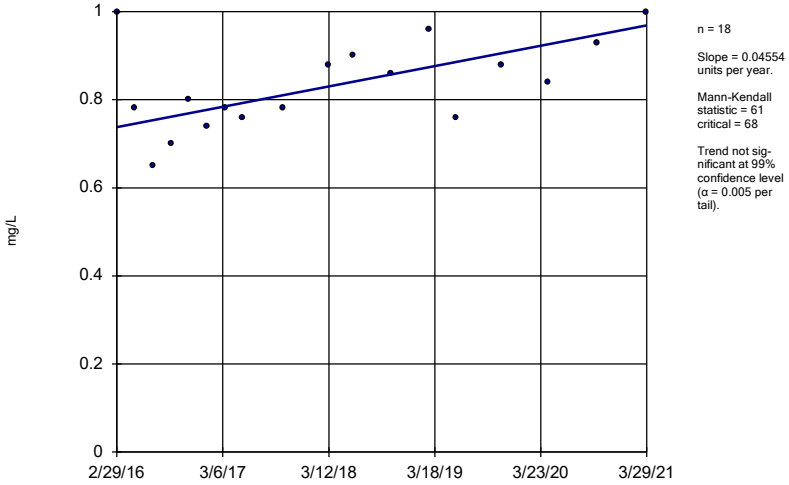
Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0.04554 units per year.

Mann-Kendall statistic = 61 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

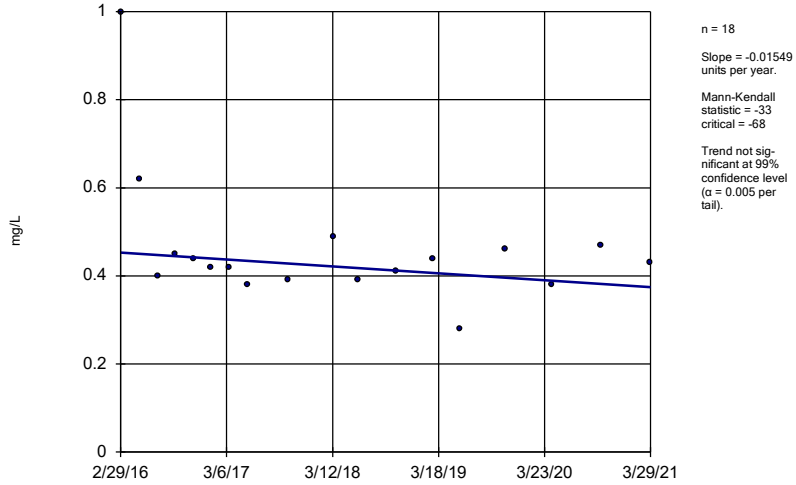
Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = -0.01549 units per year.

Mann-Kendall statistic = -33 critical = -68

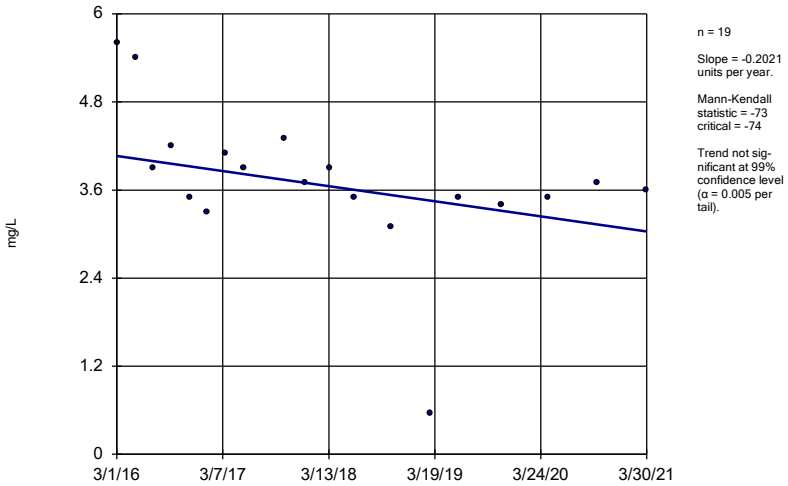
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-103



n = 19

Slope = -0.2021 units per year.

Mann-Kendall statistic = -73
critical = -74

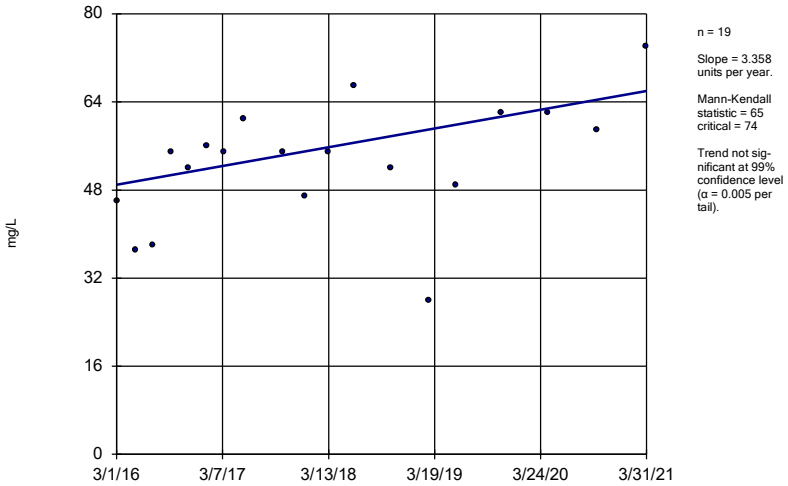
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-104



n = 19

Slope = 3.358 units per year.

Mann-Kendall statistic = 65
critical = 74

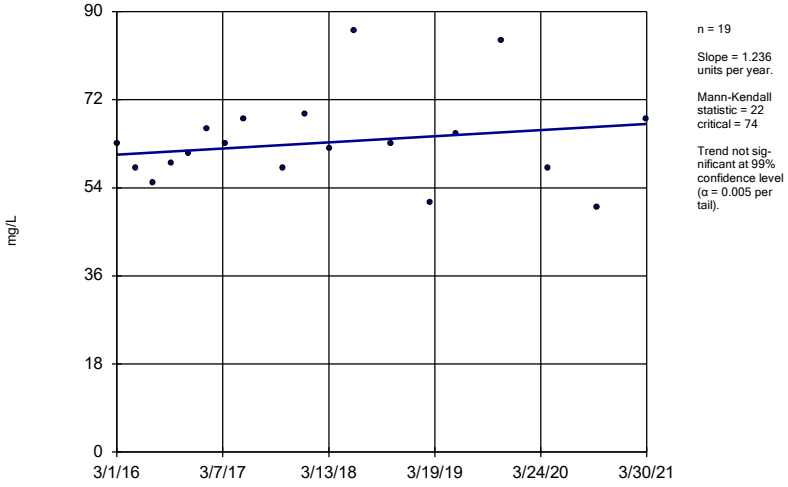
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-105



n = 19

Slope = 1.236 units per year.

Mann-Kendall statistic = 22
critical = 74

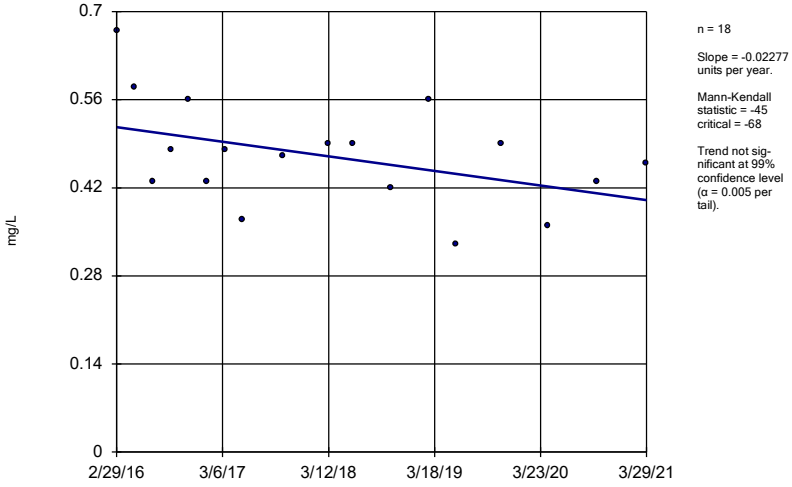
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = -0.02277 units per year.

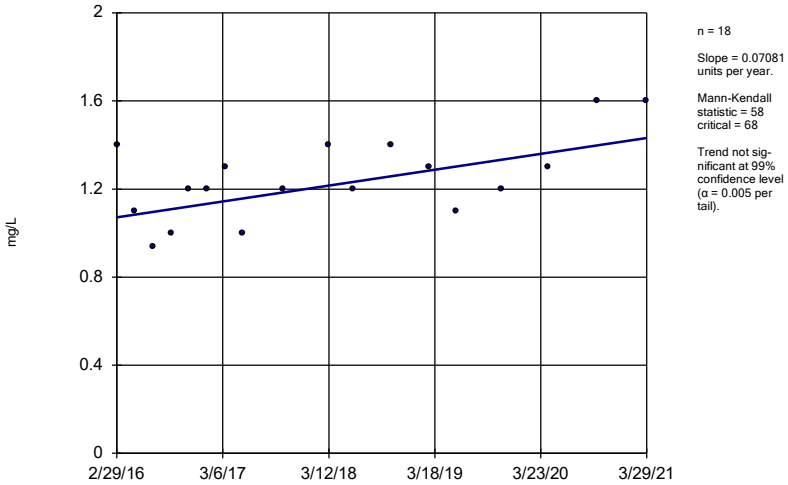
Mann-Kendall statistic = -45
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.07081 units per year.

Mann-Kendall statistic = 58
critical = 68

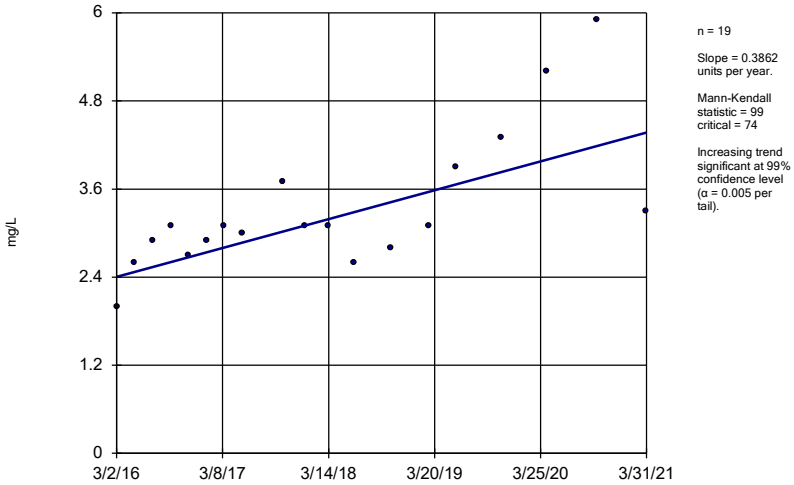
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-109



n = 19

Slope = 0.3862 units per year.

Mann-Kendall statistic = 99
critical = 74

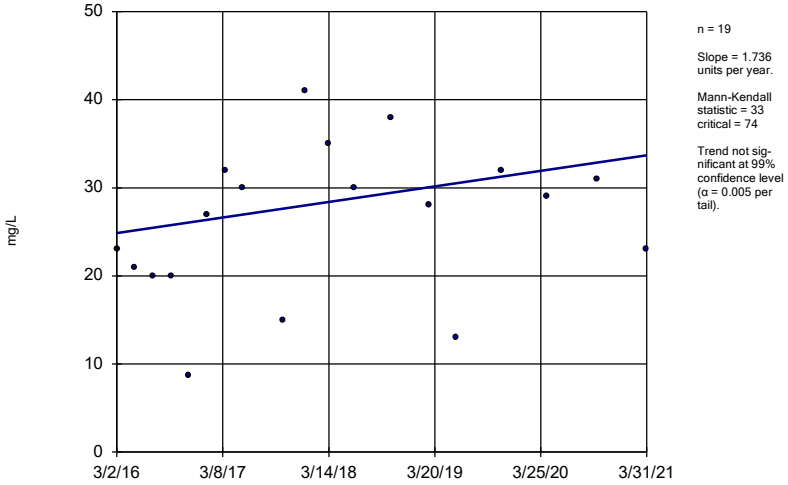
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-110



n = 19

Slope = 1.736 units per year.

Mann-Kendall statistic = 33
critical = 74

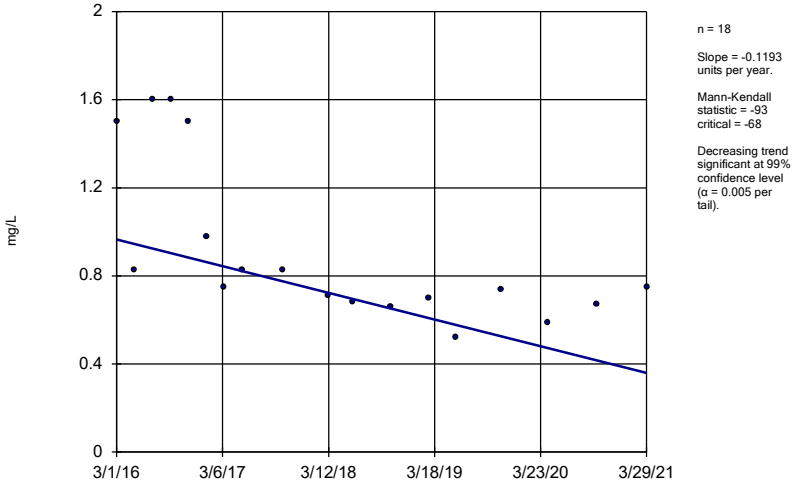
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = -0.1193 units per year.

Mann-Kendall statistic = -93
critical = -68

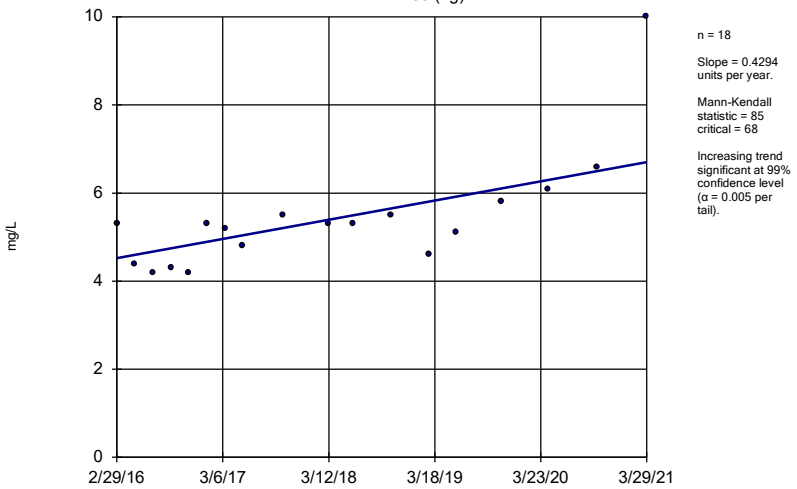
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0.4294 units per year.

Mann-Kendall statistic = 85
critical = 68

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

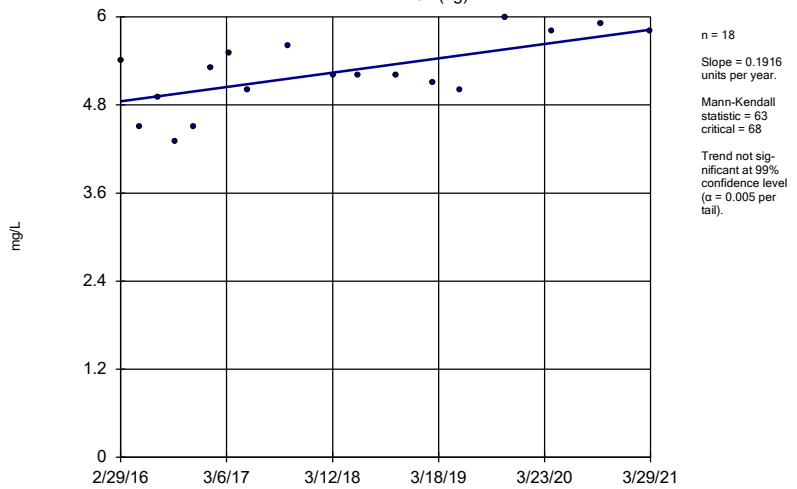
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0.1916 units per year.

Mann-Kendall statistic = 63
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

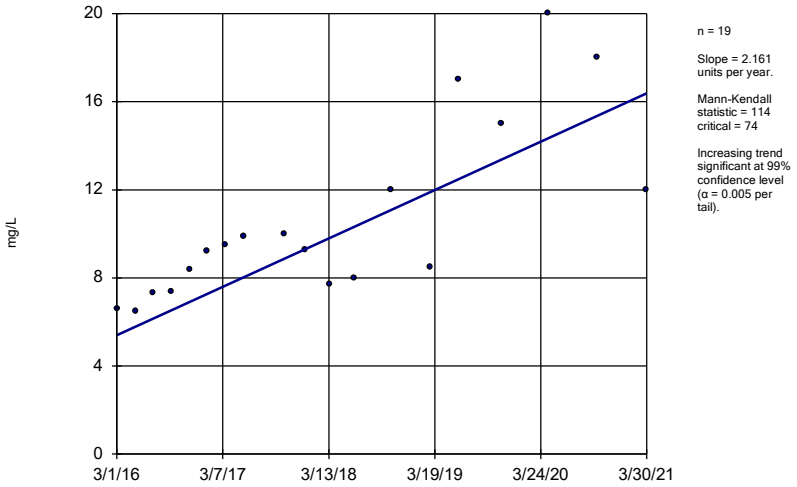
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-103



n = 19

Slope = 2.161 units per year.

Mann-Kendall statistic = 114
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

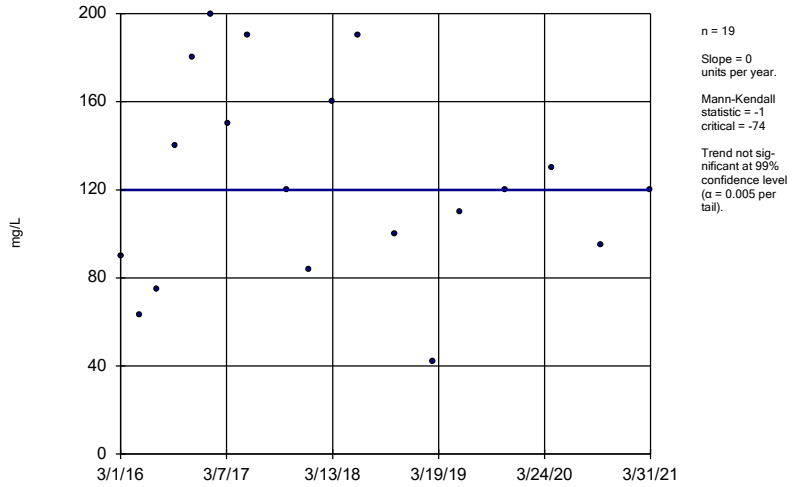
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-104



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

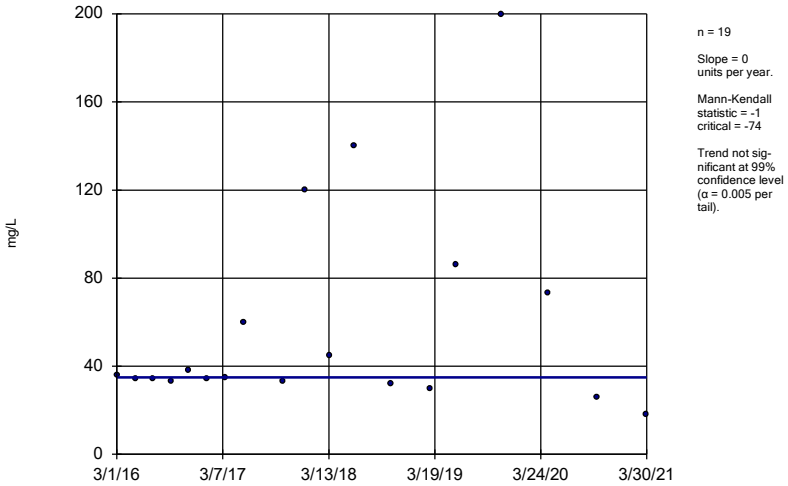
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-105



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

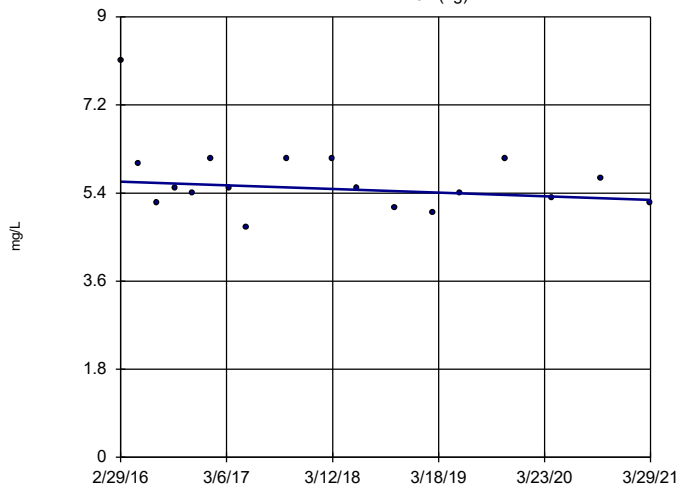
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = -0.07414 units per year.

Mann-Kendall statistic = -30 critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

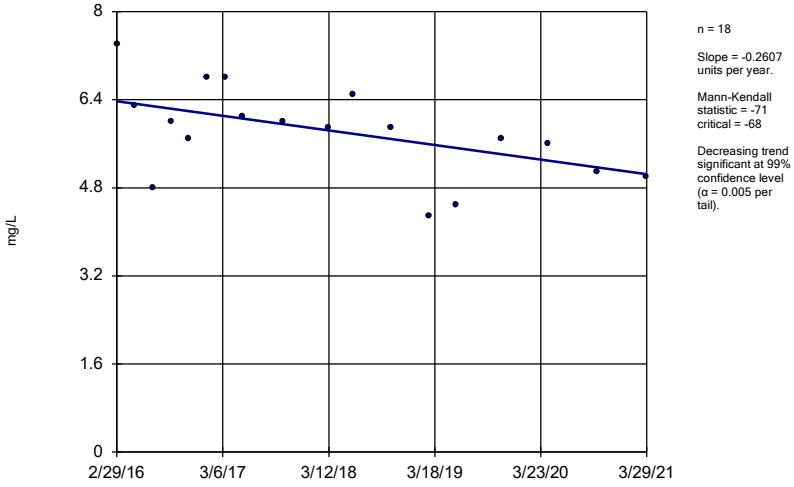
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = -0.2607 units per year.

Mann-Kendall statistic = -71 critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

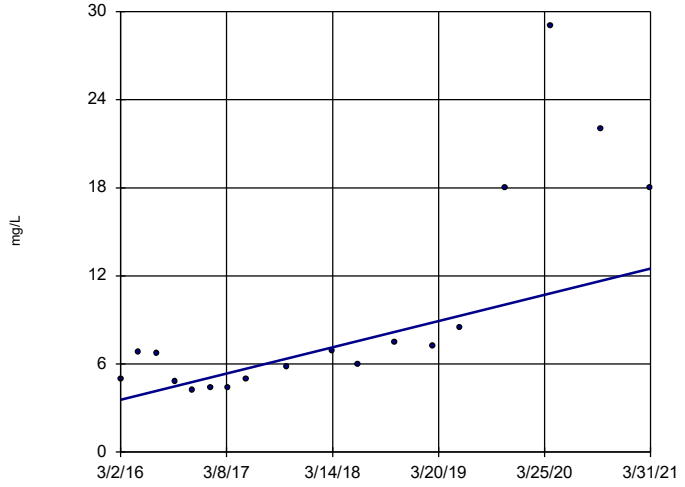
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-109



n = 18

Slope = 1.757 units per year.

Mann-Kendall statistic = 96 critical = 68

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

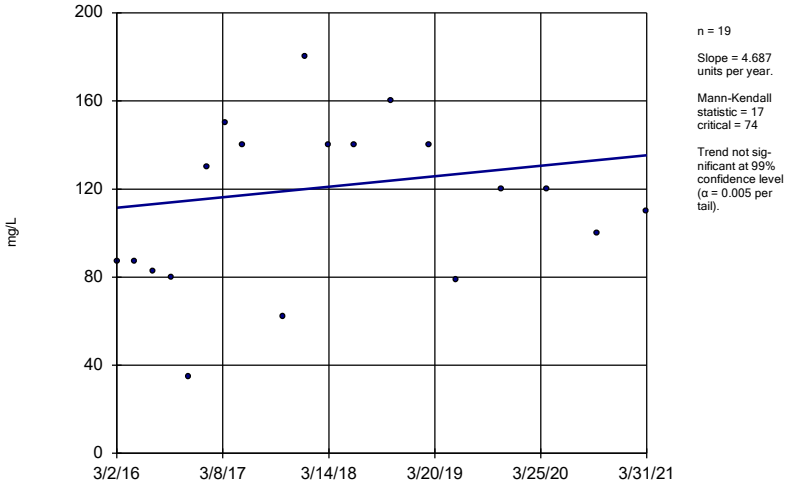
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-110



n = 19

Slope = 4.687 units per year.

Mann-Kendall statistic = 17
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

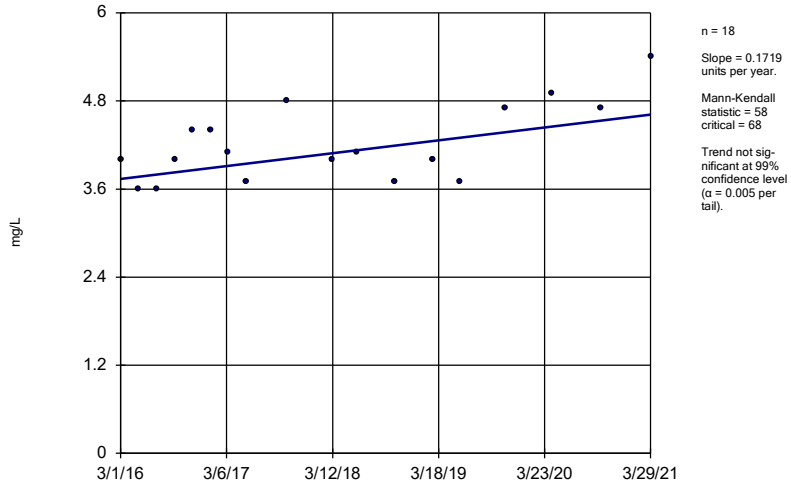
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0.1719 units per year.

Mann-Kendall statistic = 58
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

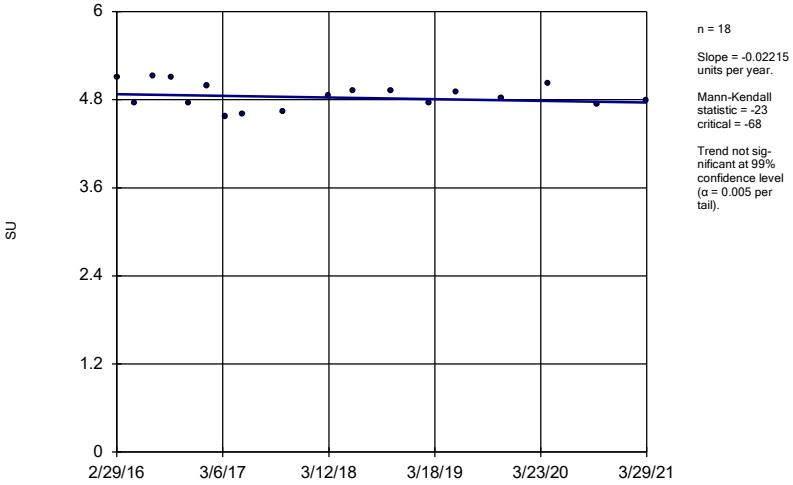
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = -0.02215 units per year.

Mann-Kendall statistic = -23
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

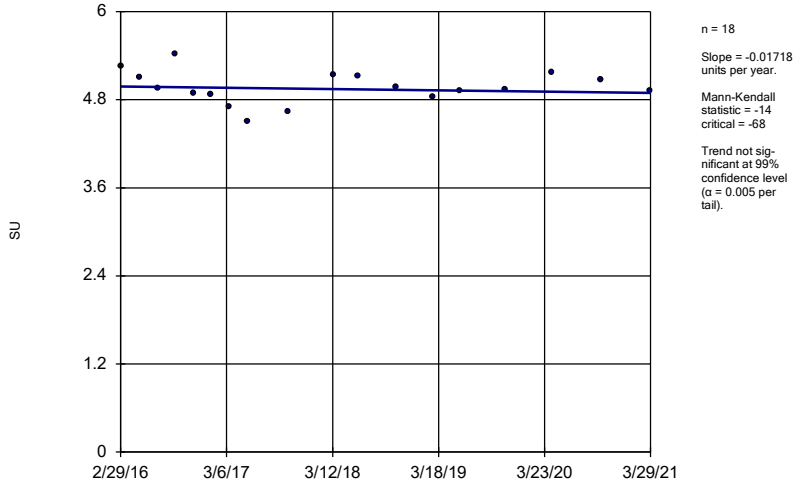
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = -0.01718 units per year.

Mann-Kendall statistic = -14
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

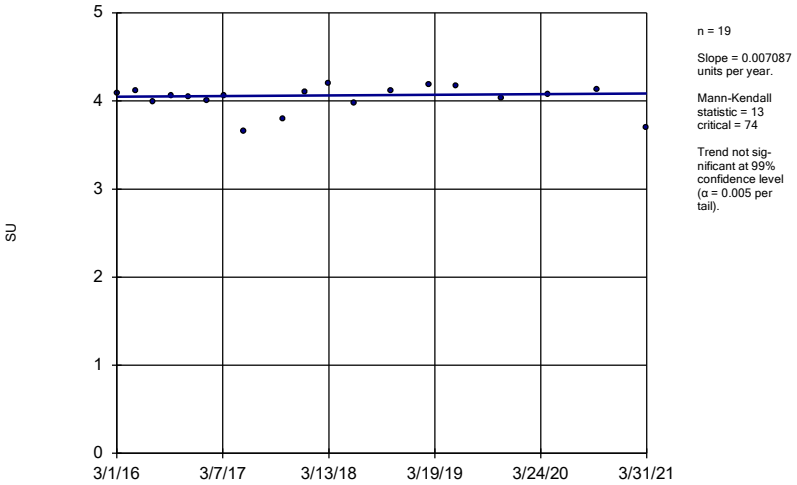
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-104



n = 19

Slope = 0.007087 units per year.

Mann-Kendall statistic = 13
critical = 74

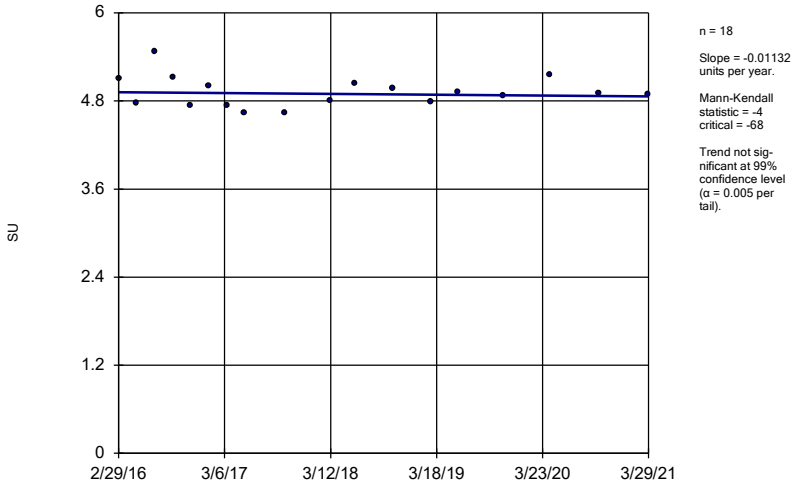
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = -0.01132 units per year.

Mann-Kendall statistic = -4
critical = -68

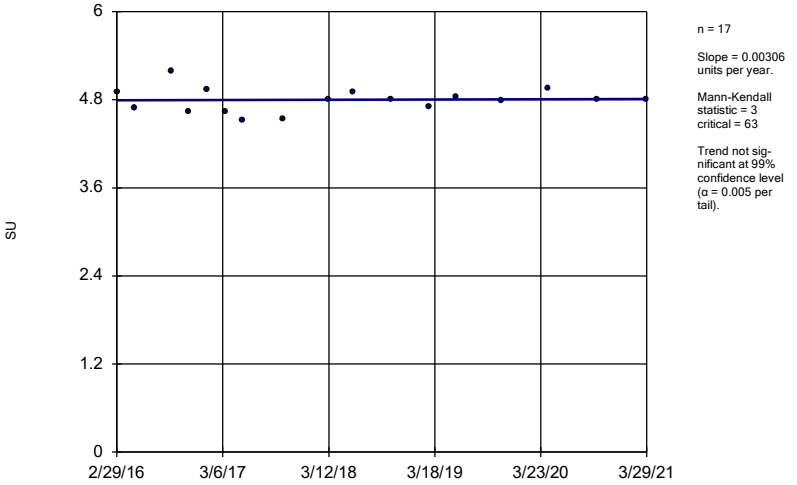
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 17

Slope = 0.00306 units per year.

Mann-Kendall statistic = 3
critical = 63

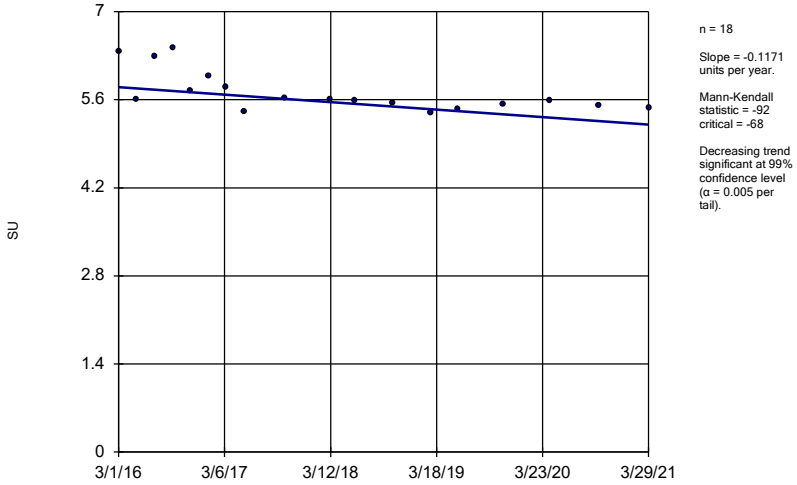
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = -0.1171 units per year.

Mann-Kendall statistic = -92
critical = -68

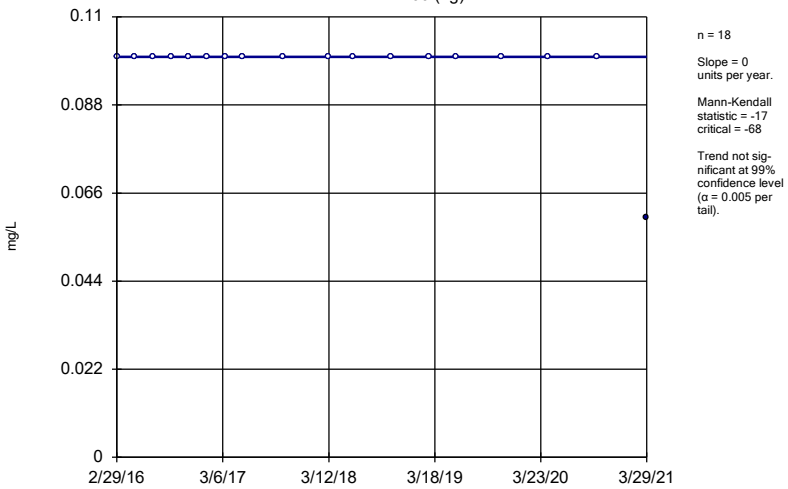
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -68

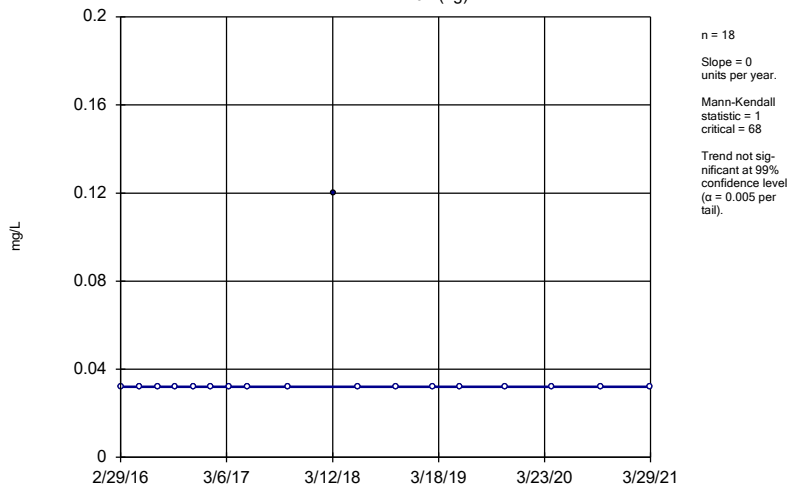
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 68

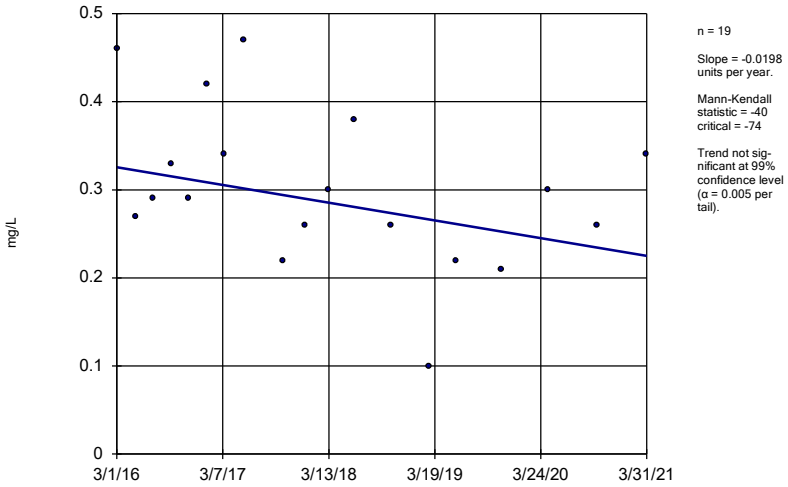
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-104



n = 19

Slope = -0.0198 units per year.

Mann-Kendall statistic = -40
critical = -74

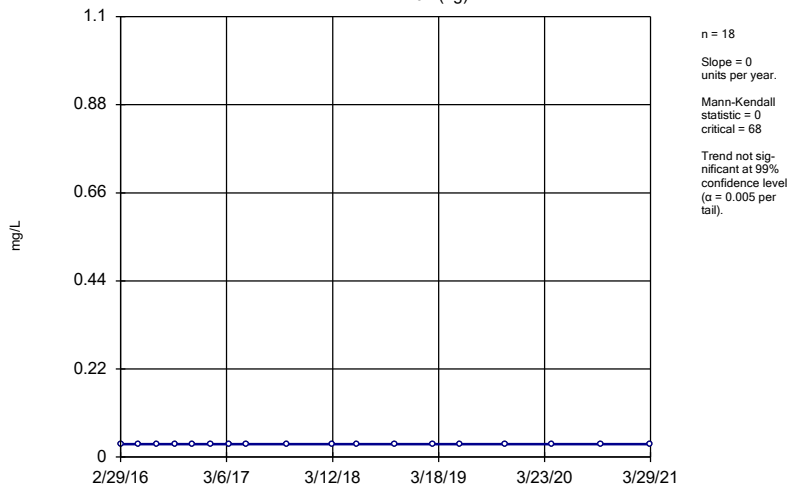
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

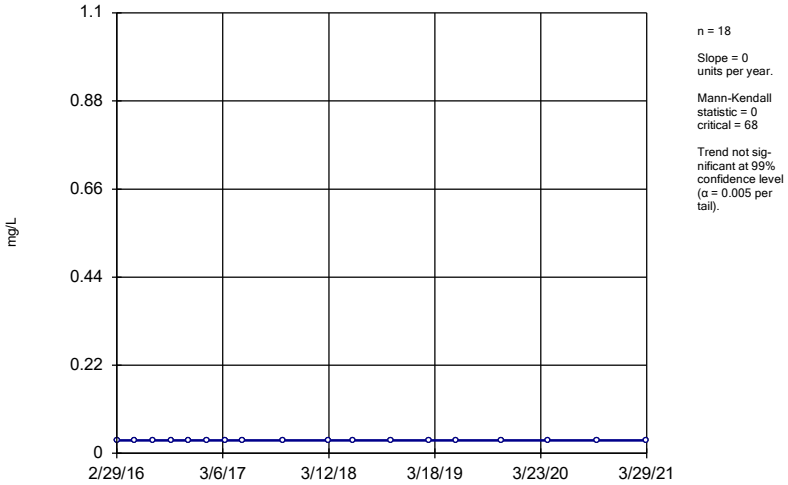
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

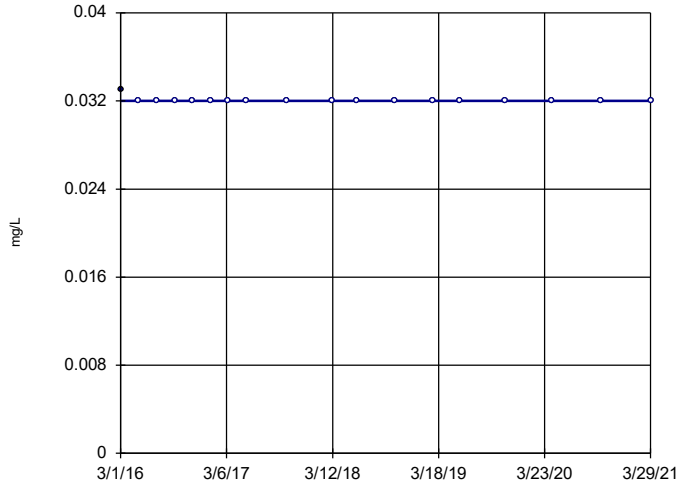
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -68

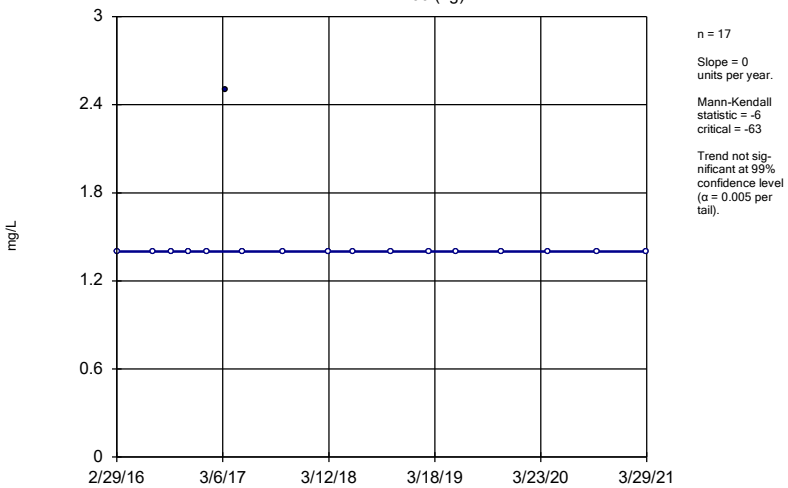
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -6
critical = -63

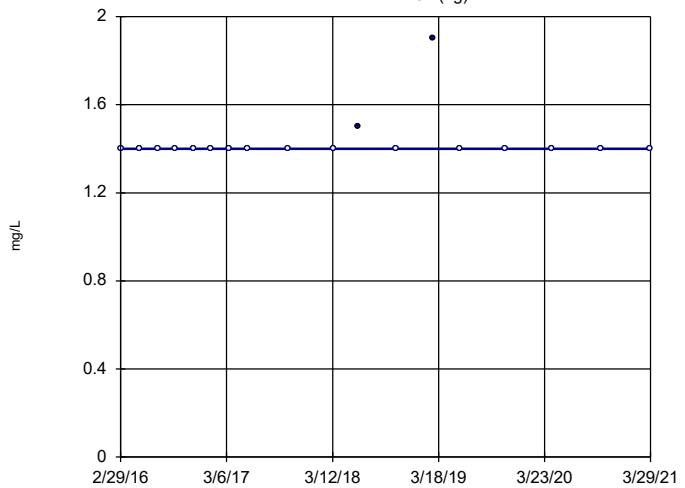
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 11
critical = 68

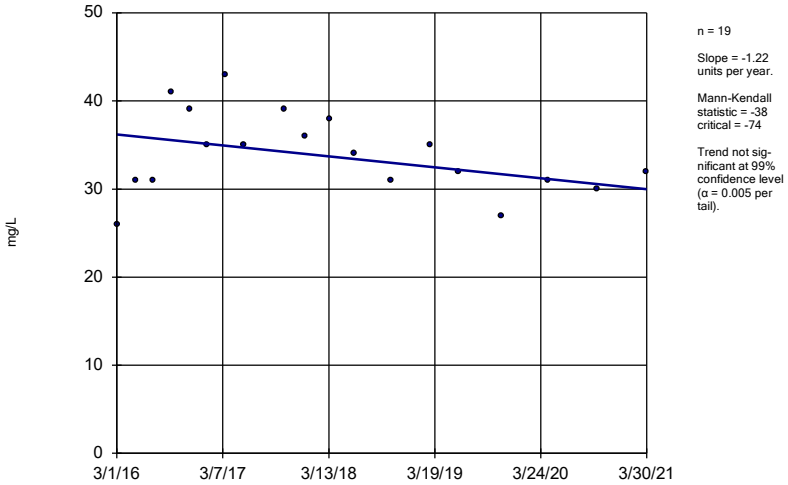
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-103



n = 19

Slope = -1.22 units per year.

Mann-Kendall statistic = -38
critical = -74

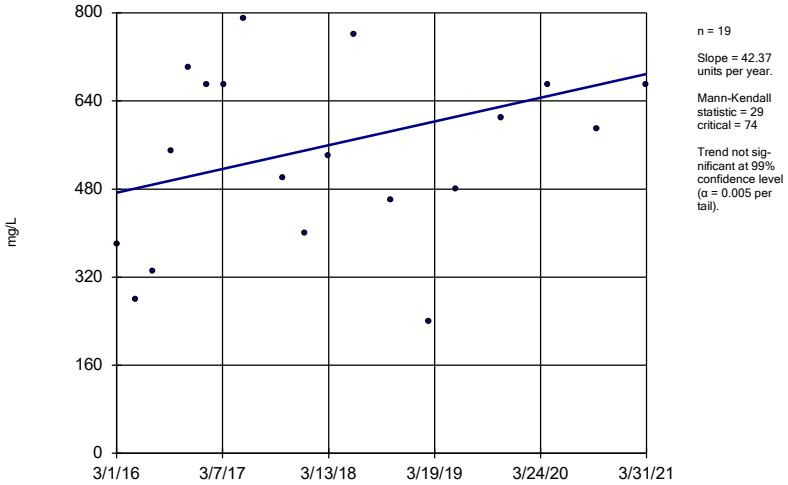
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-104



n = 19

Slope = 42.37 units per year.

Mann-Kendall statistic = 29
critical = 74

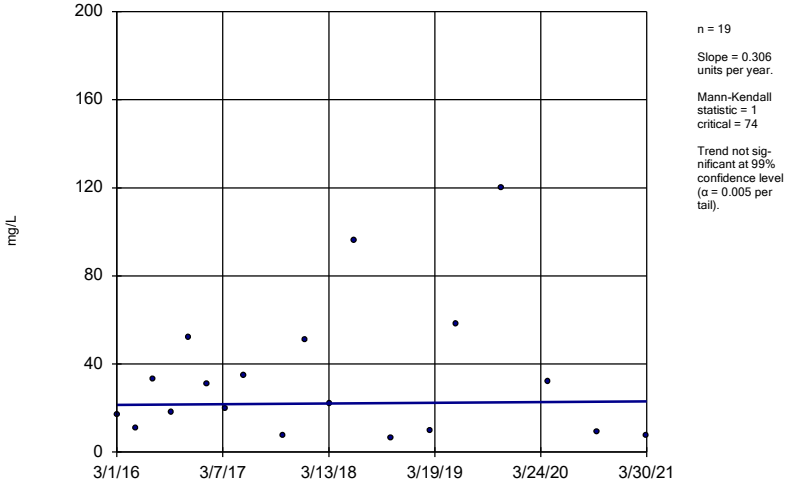
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-105



n = 19

Slope = 0.306 units per year.

Mann-Kendall statistic = 1
critical = 74

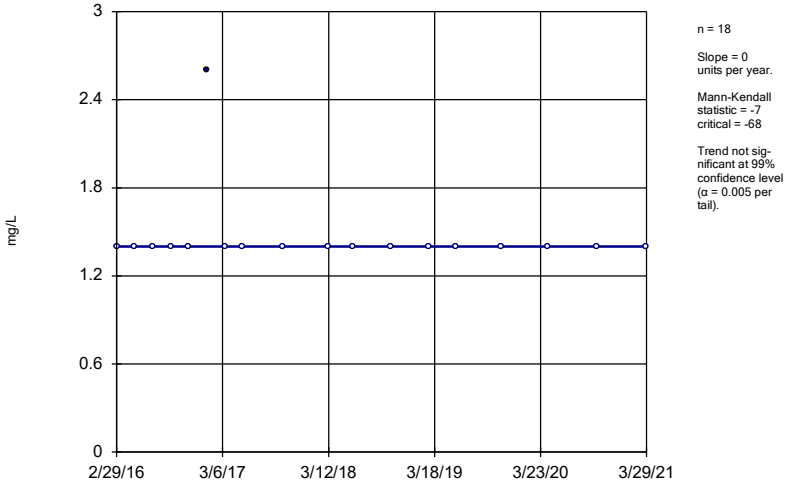
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -7
critical = -68

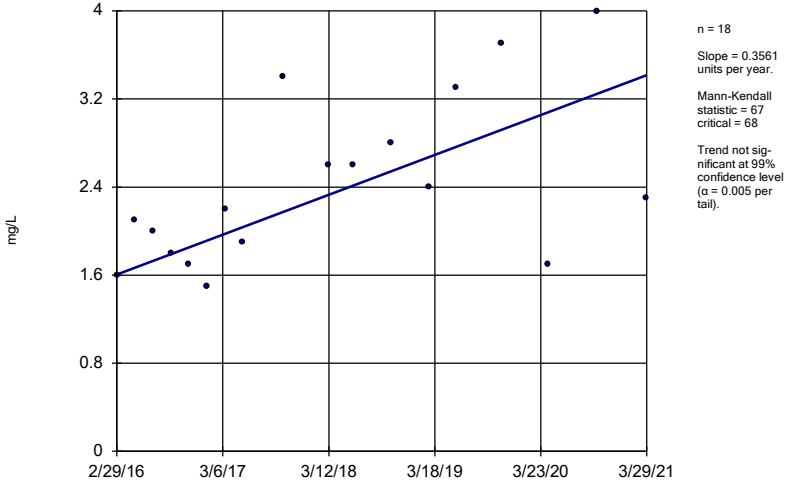
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.3561 units per year.

Mann-Kendall statistic = 67
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

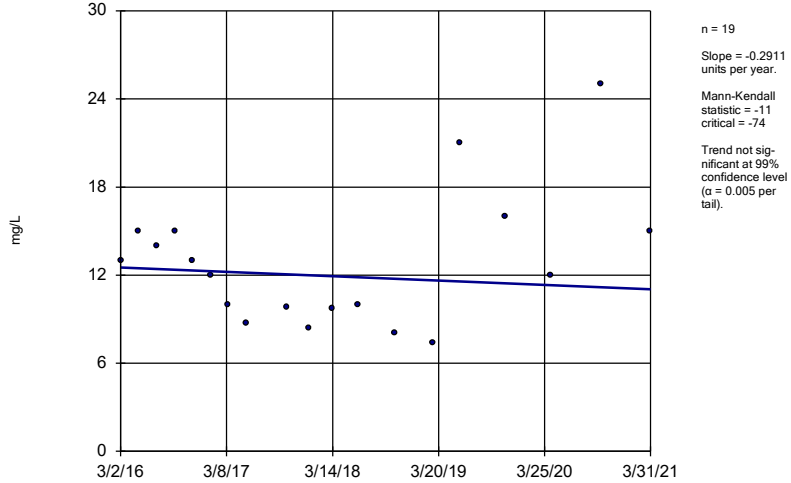
Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-109



n = 19

Slope = -0.2911 units per year.

Mann-Kendall statistic = -11
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

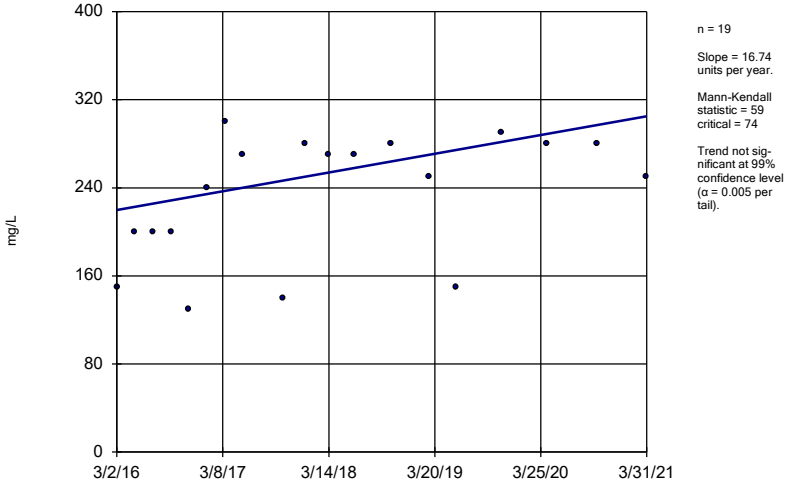
Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-110



n = 19

Slope = 16.74 units per year.

Mann-Kendall statistic = 59
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

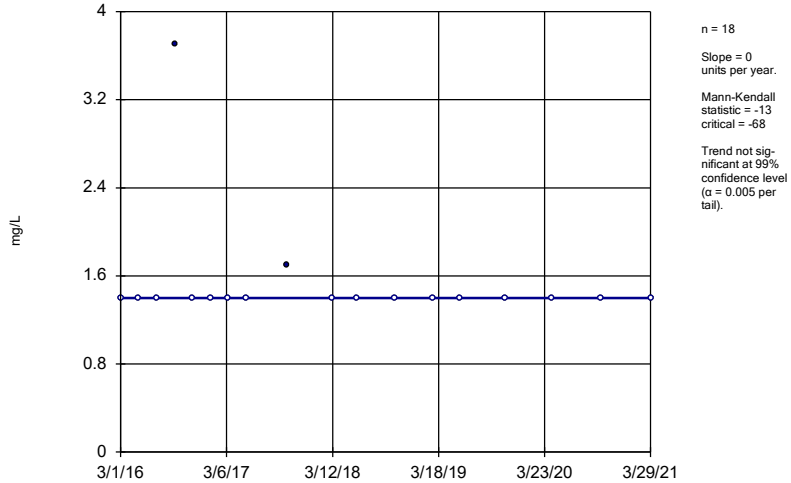
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -13
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

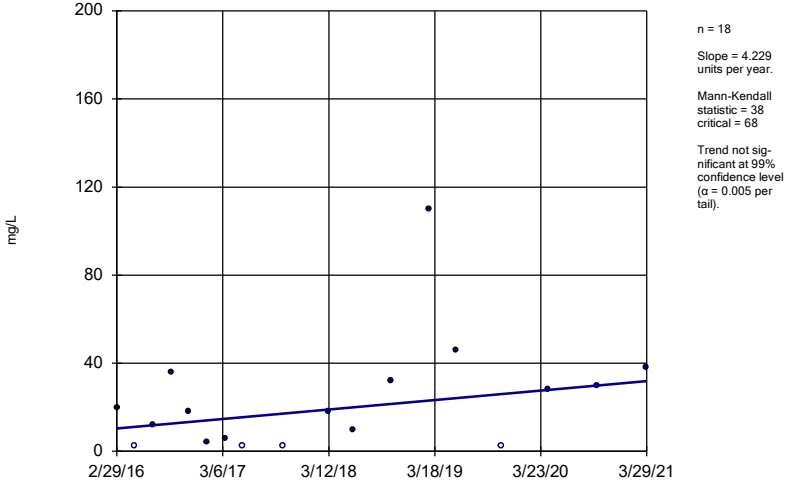
Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 4.229 units per year.

Mann-Kendall statistic = 38
critical = 68

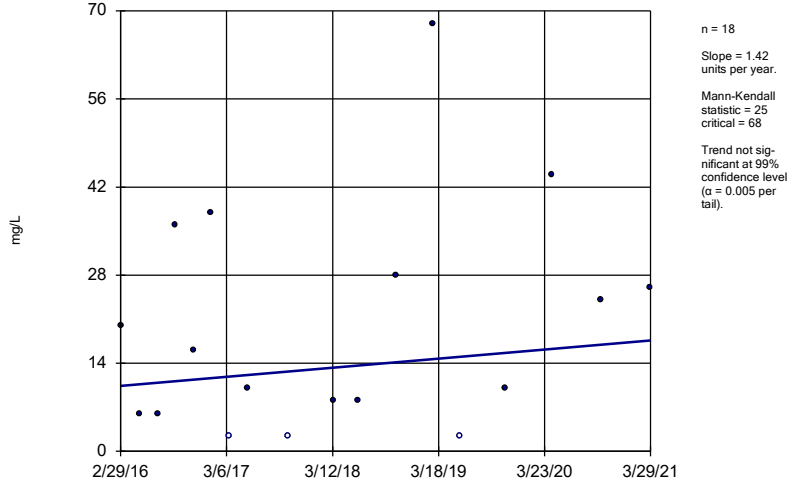
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 1.42 units per year.

Mann-Kendall statistic = 25
critical = 68

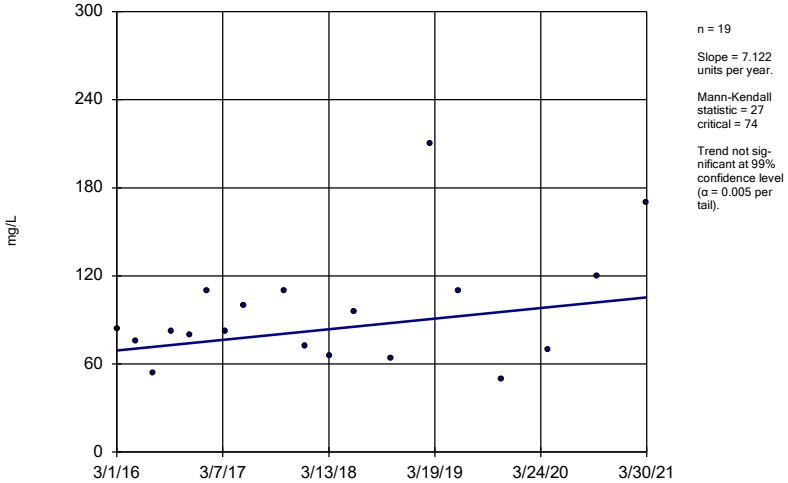
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-103



n = 19

Slope = 7.122 units per year.

Mann-Kendall statistic = 27
critical = 74

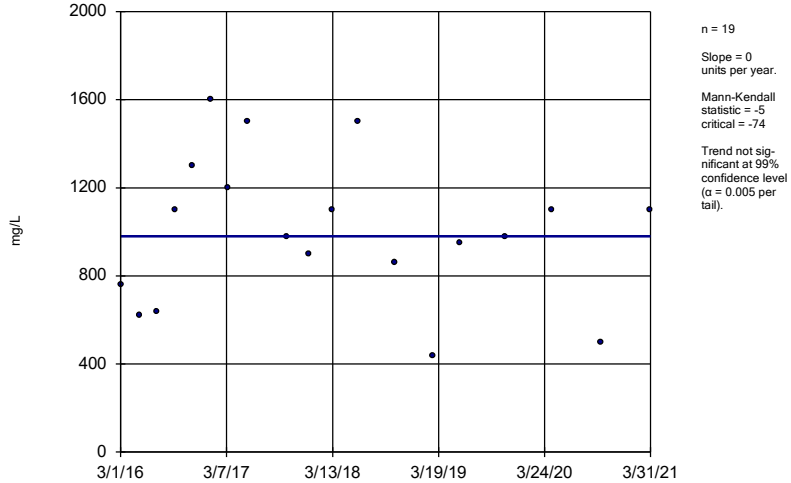
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-104



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -5
critical = -74

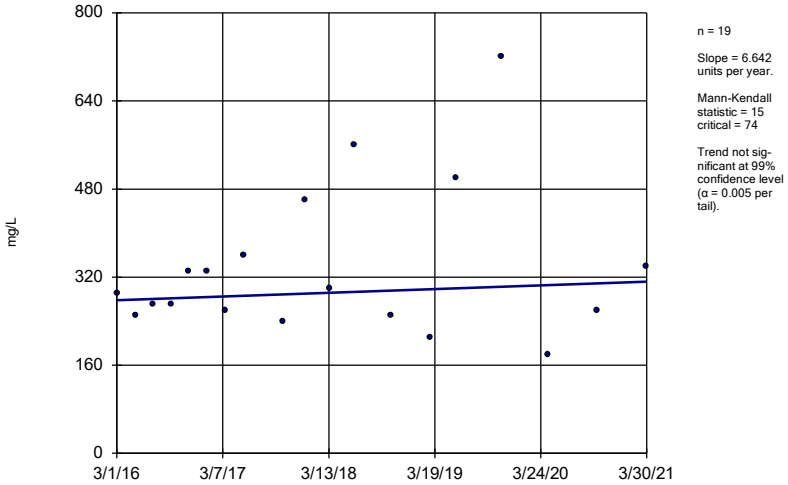
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-105



n = 19

Slope = 6.642 units per year.

Mann-Kendall statistic = 15 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

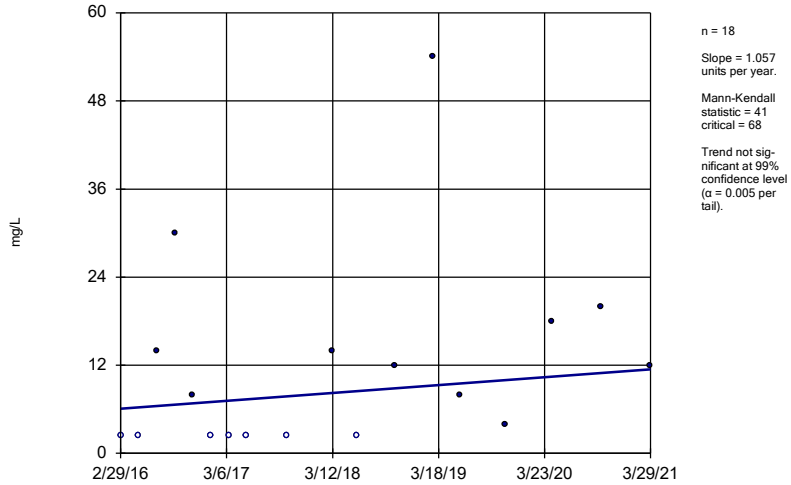
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 1.057 units per year.

Mann-Kendall statistic = 41 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

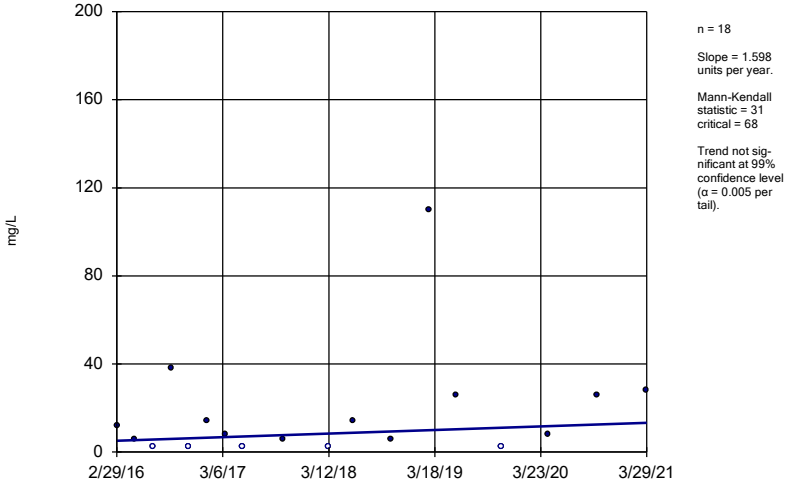
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 1.598 units per year.

Mann-Kendall statistic = 31 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

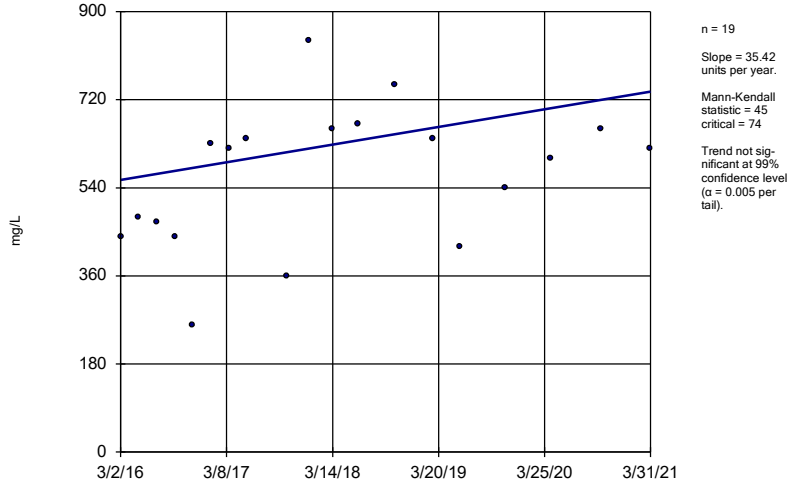
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-110



n = 19

Slope = 35.42 units per year.

Mann-Kendall statistic = 45 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

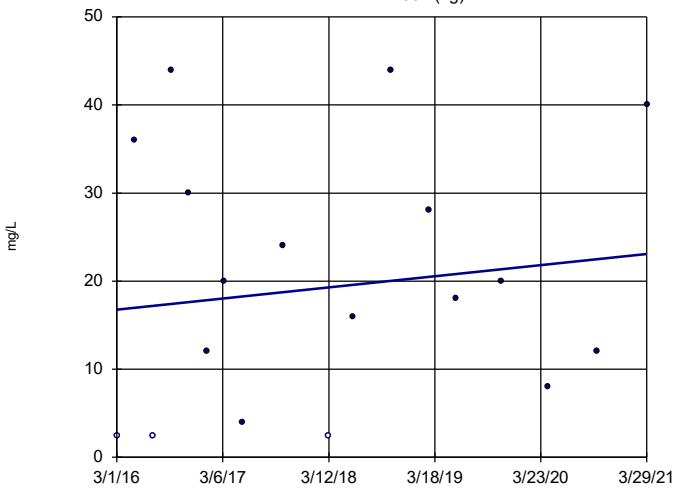
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 1.244 units per year.

Mann-Kendall statistic = 9
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

200 Series

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:39 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-7.358**	**-134**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-6.791**	**-115**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-18.88**	**-143**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-174.1**	**-141**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-178.7**	**-127**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-563.7**	**-159**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-318.1**	**-115**	**-74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-372.8**	**-103**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1197**	**-139**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-72.78**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-96.52**	**-133**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-125.9**	**-132**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-1044**	**-140**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1043**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2751**	**-120**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 200 Series Wells - All Results

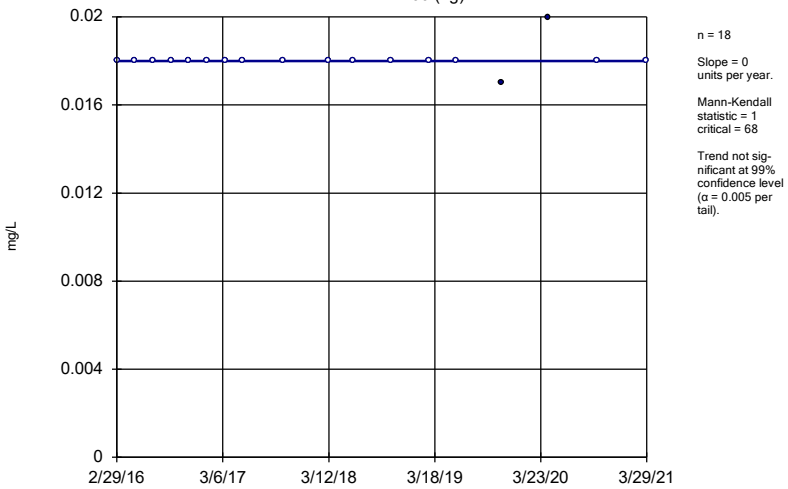
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:39 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	1	68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-18	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-5	-68	No	18	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-7.358**	**-134**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-6.791**	**-115**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-18.88**	**-143**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04554	61	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01549	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02277	-45	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07081	58	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-200**	**-174.1**	**-141**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-178.7**	**-127**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-563.7**	**-159**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.005989	15	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1916	63	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.07414	-30	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-318.1**	**-115**	**-74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-372.8**	**-103**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1197**	**-139**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.1719	58	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	1	68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.02686	-18	-74	No	19	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-6	-63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	11	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3561	67	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-200**	**-72.78**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-96.52**	**-133**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-125.9**	**-132**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-13	-68	No	18	88.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.229	42	68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.42	25	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9225	27	68	No	18	38.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8718	31	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-1044**	**-140**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-1043**	**-108**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2751**	**-120**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.339	52	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.7266	7	68	No	18	16.67	n/a	n/a	0.01	NP

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 68

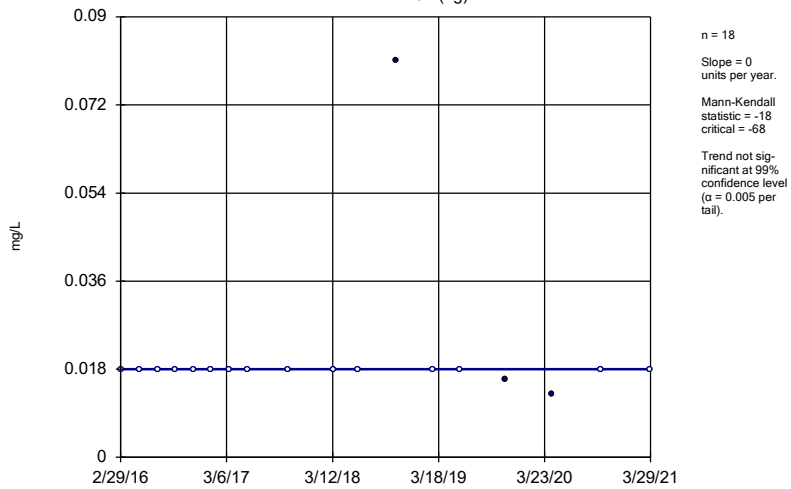
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:36 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -18
critical = -68

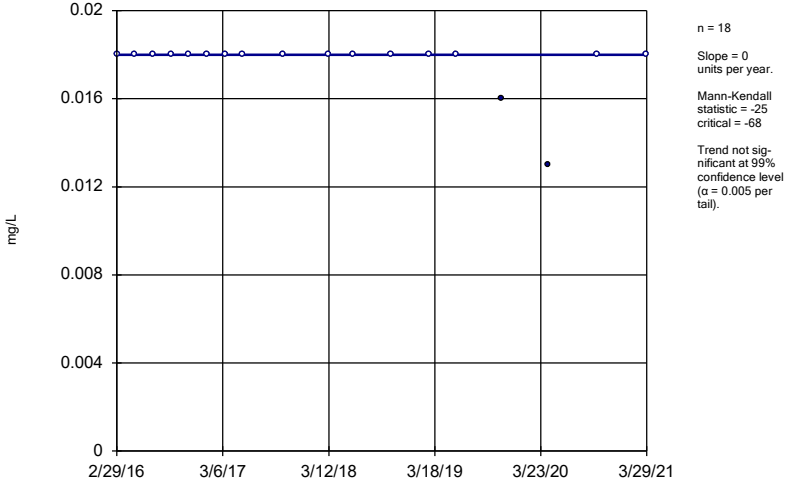
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:36 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -68

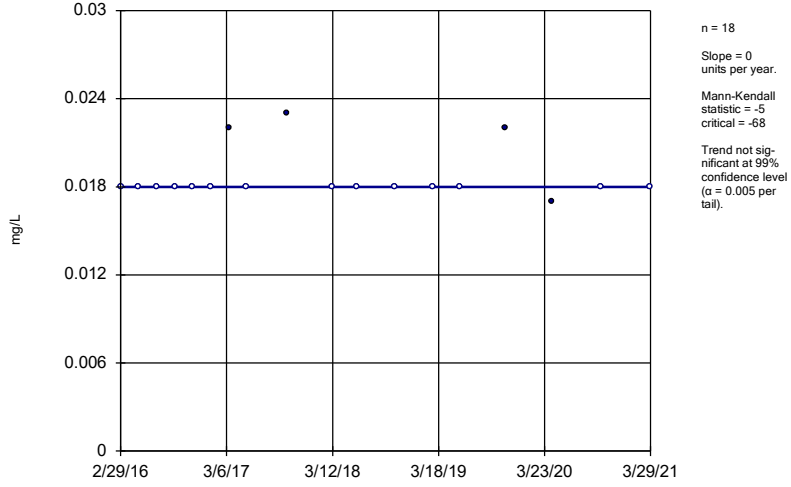
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:36 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -5
critical = -68

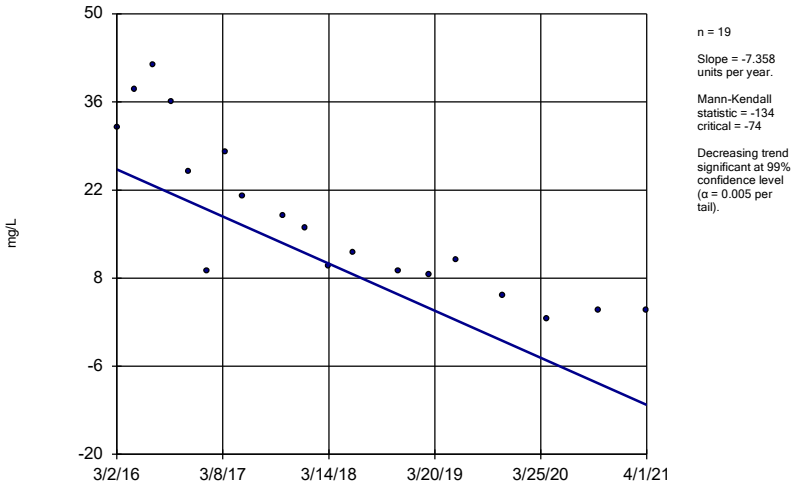
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:36 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-200



n = 19

Slope = -7.358 units per year.

Mann-Kendall statistic = -134
critical = -74

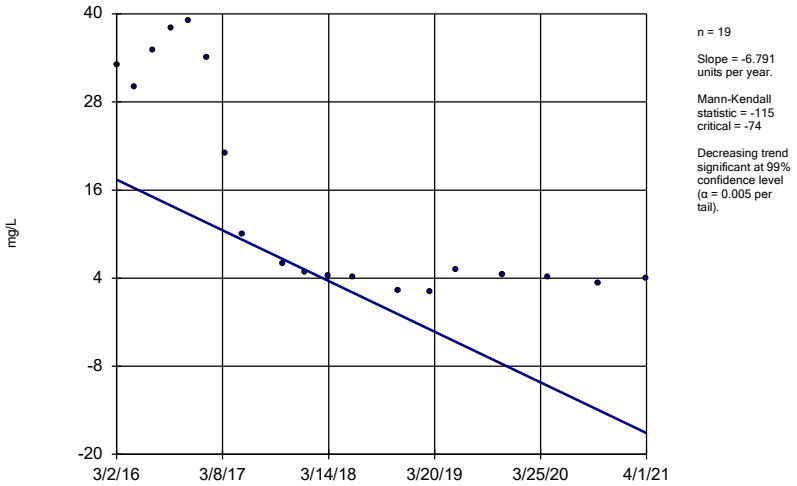
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-201



n = 19

Slope = -6.791 units per year.

Mann-Kendall statistic = -115
critical = -74

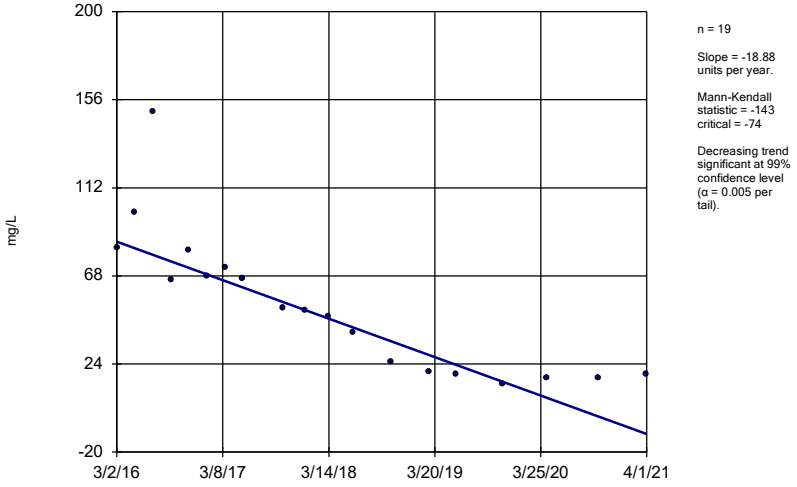
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-206



n = 19

Slope = -18.88 units per year.

Mann-Kendall statistic = -143
critical = -74

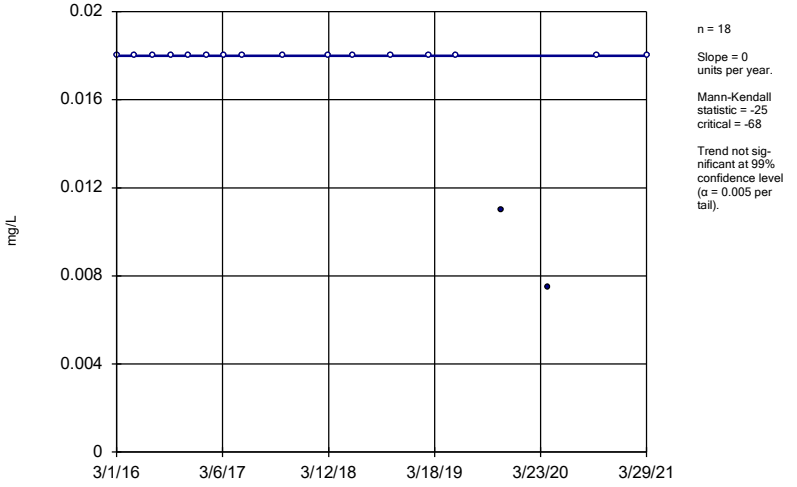
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

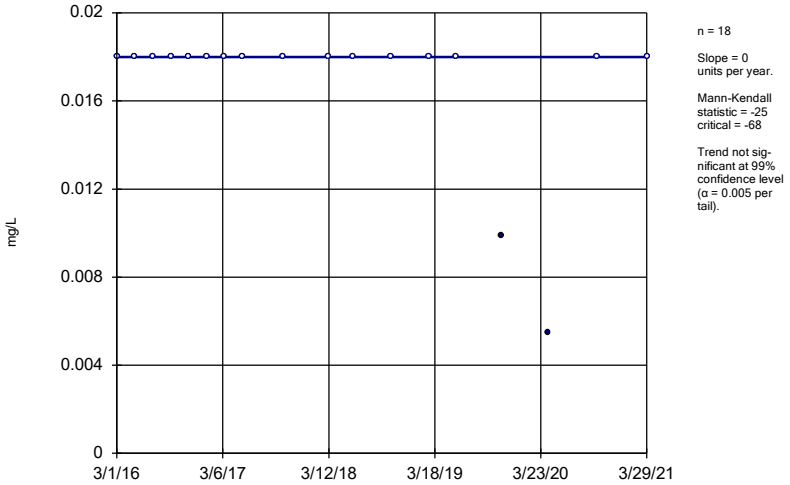
Constituent: Boron Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

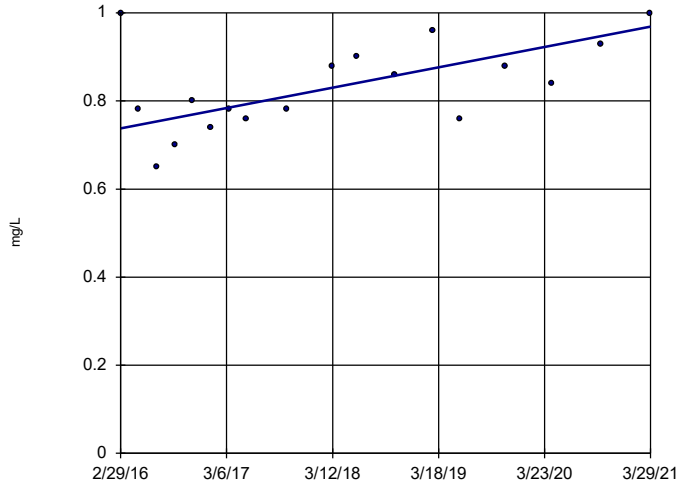
Constituent: Boron Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0.04554 units per year.

Mann-Kendall statistic = 61
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

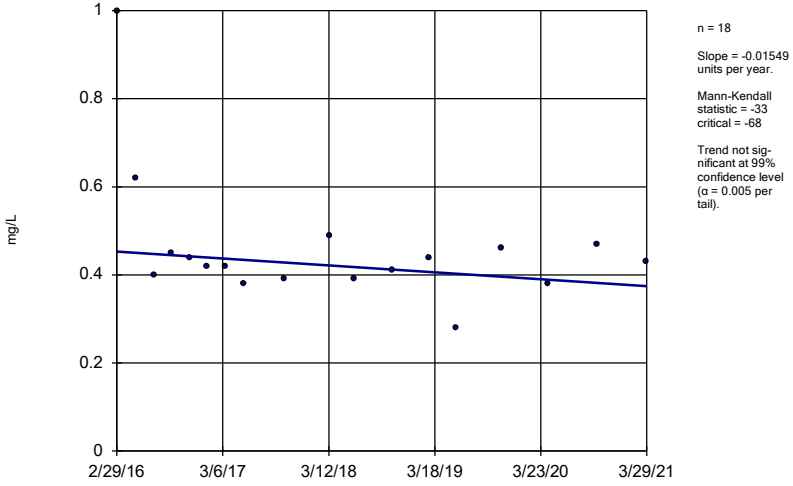
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = -0.01549 units per year.

Mann-Kendall statistic = -33
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

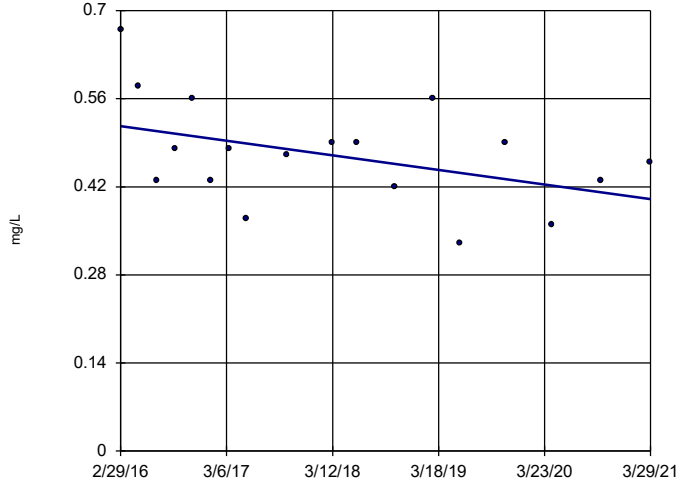
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = -0.02277 units per year.

Mann-Kendall statistic = -45
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

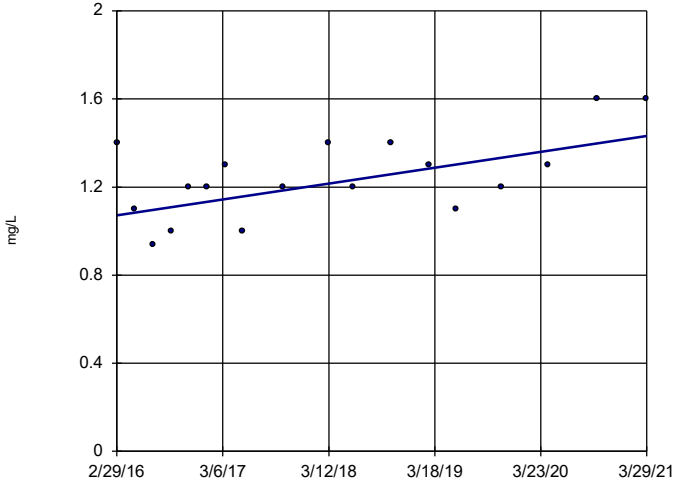
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.07081 units per year.

Mann-Kendall statistic = 58
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

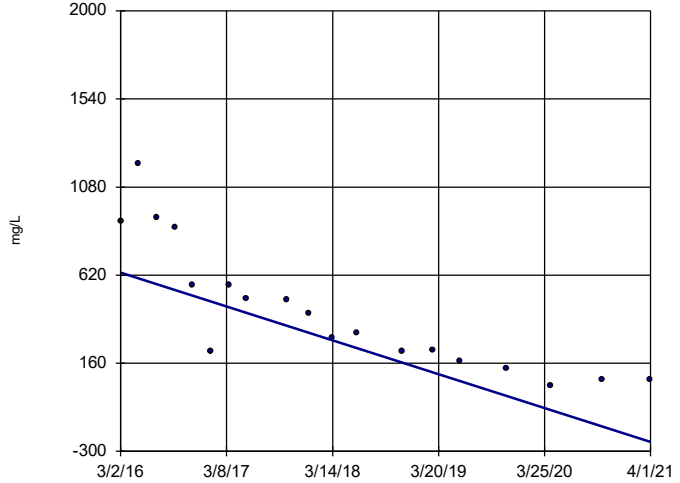
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-200



n = 19

Slope = -174.1 units per year.

Mann-Kendall statistic = -141
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

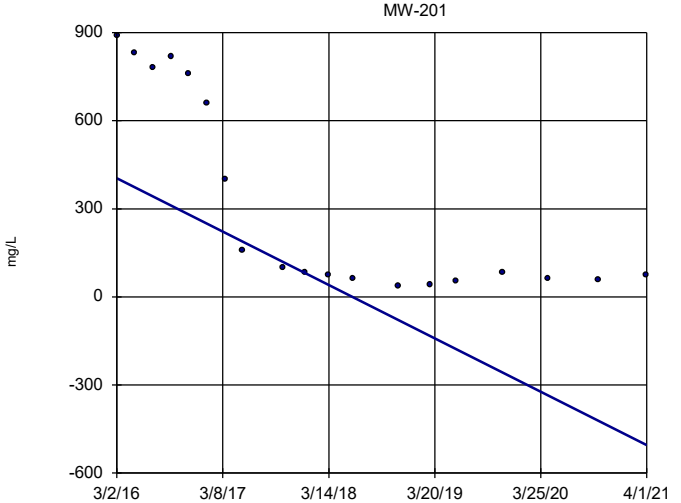
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-201



n = 19

Slope = -178.7 units per year.

Mann-Kendall statistic = -127
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

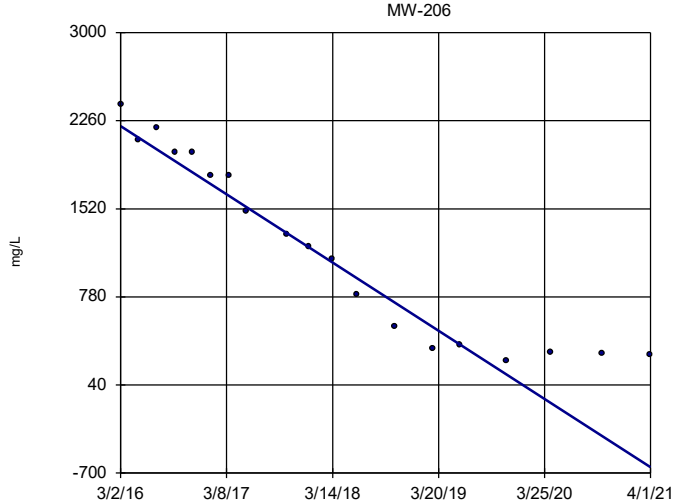
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-206



n = 19

Slope = -563.7 units per year.

Mann-Kendall statistic = -159
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

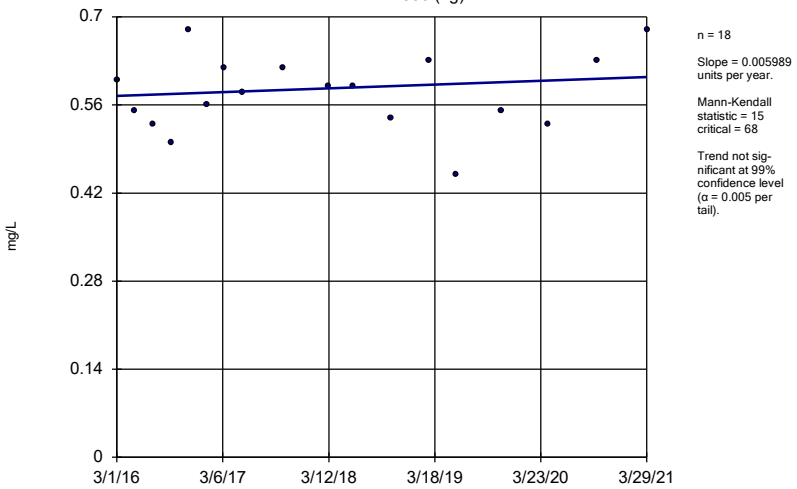
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0.005989 units per year.

Mann-Kendall statistic = 15 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

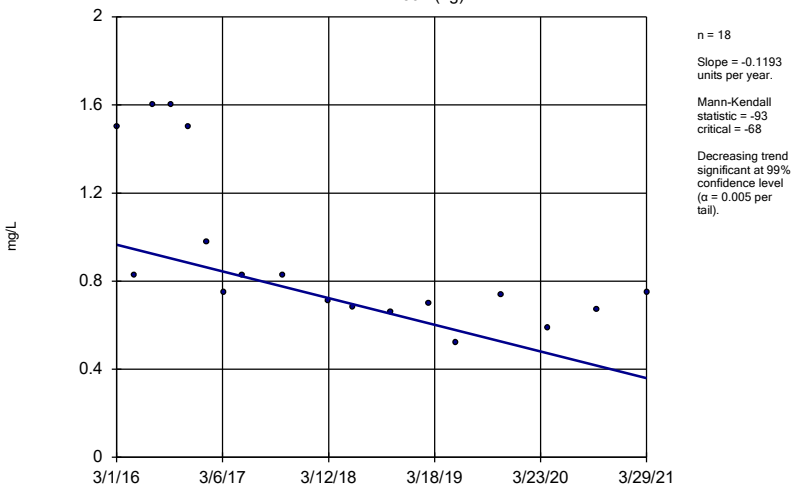
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = -0.1193 units per year.

Mann-Kendall statistic = -93 critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

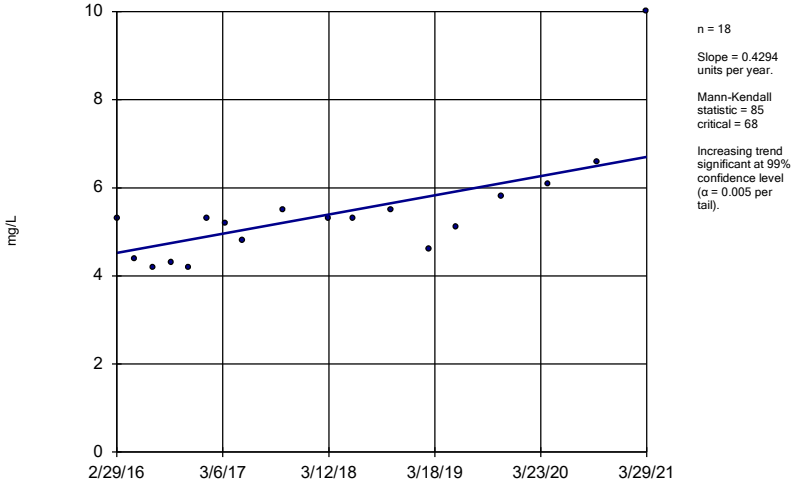
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0.4294 units per year.

Mann-Kendall statistic = 85 critical = 68

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

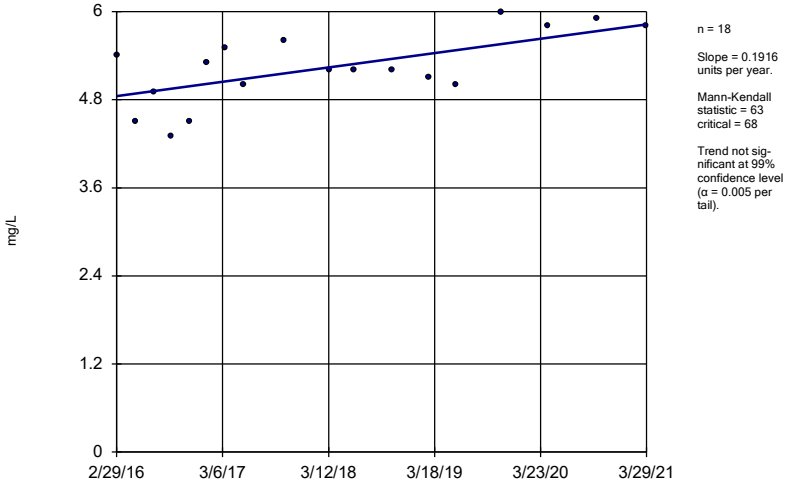
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0.1916 units per year.

Mann-Kendall statistic = 63 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

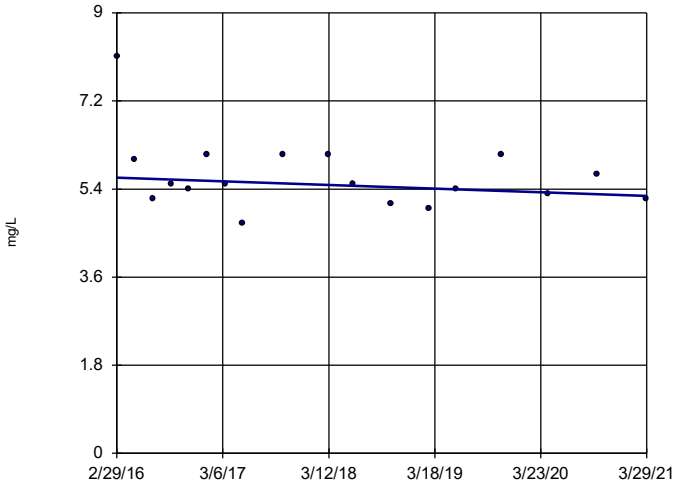
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = -0.07414 units per year.

Mann-Kendall statistic = -30
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

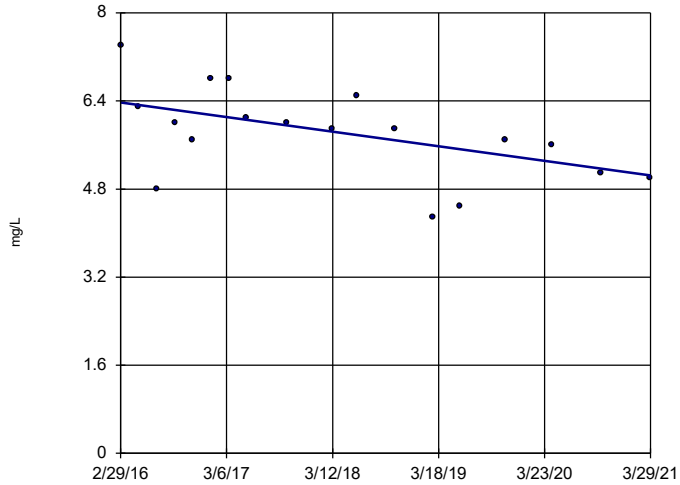
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = -0.2607 units per year.

Mann-Kendall statistic = -71
critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

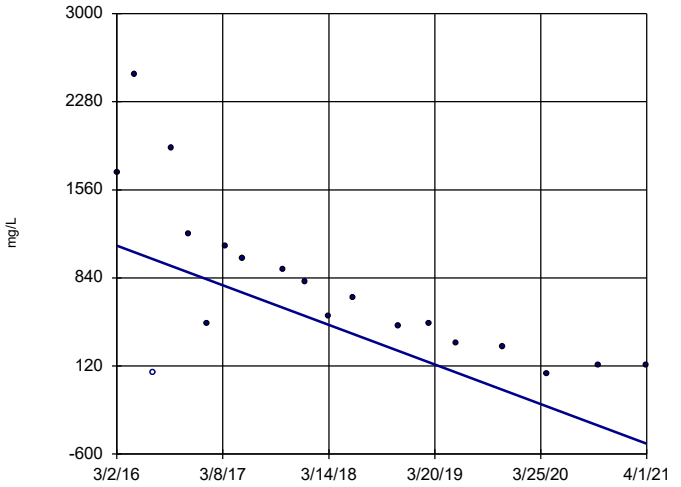
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-200



n = 19

Slope = -318.1 units per year.

Mann-Kendall statistic = -115
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

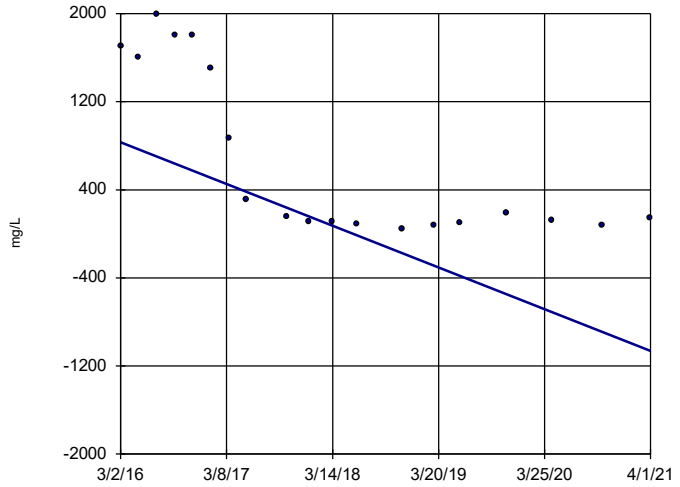
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-201



n = 19

Slope = -372.8 units per year.

Mann-Kendall statistic = -103
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

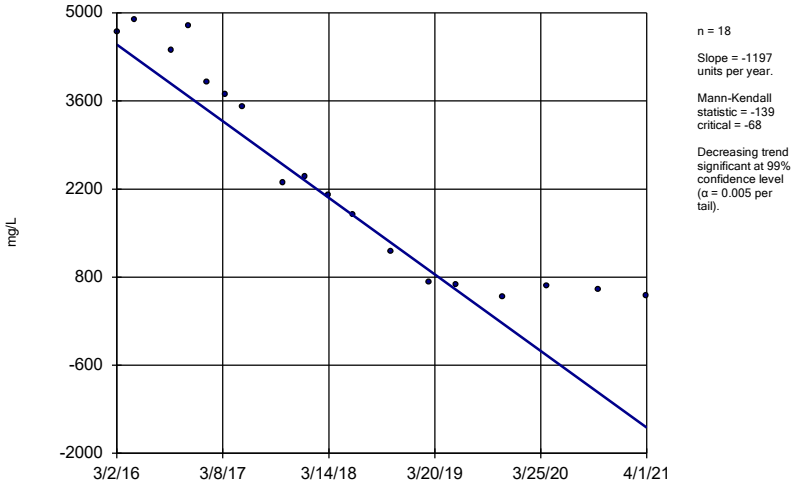
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-206



n = 18

Slope = -1197 units per year.

Mann-Kendall statistic = -139 critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

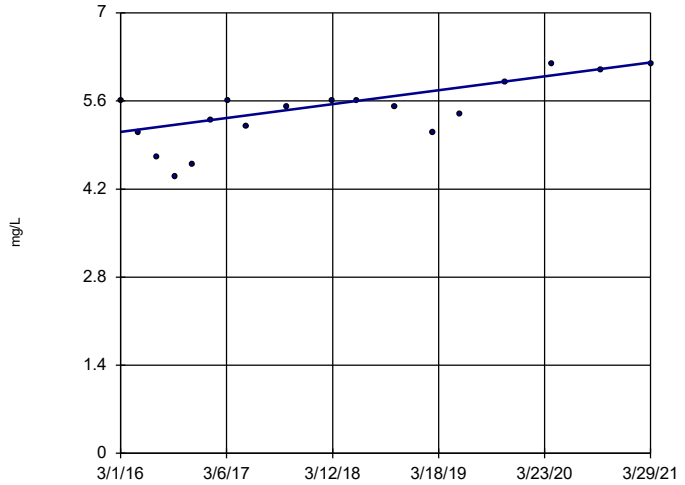
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0.2173 units per year.

Mann-Kendall statistic = 76 critical = 68

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

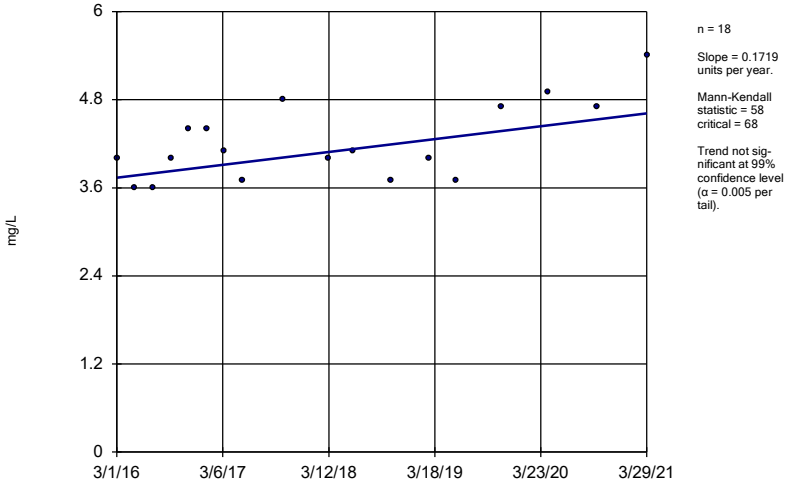
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0.1719 units per year.

Mann-Kendall statistic = 58 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

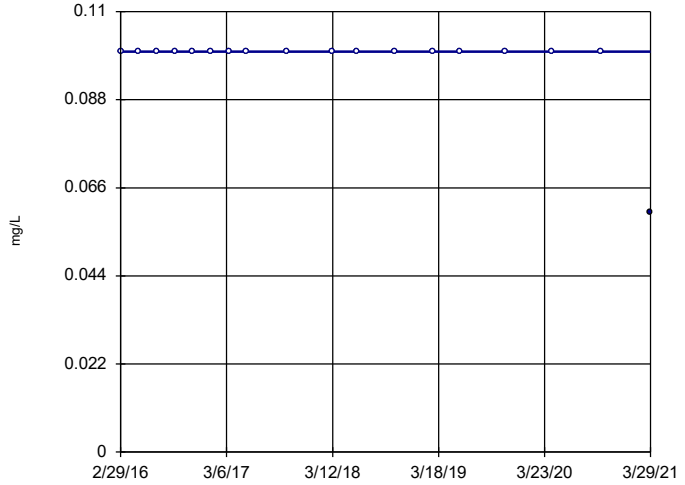
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -17 critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

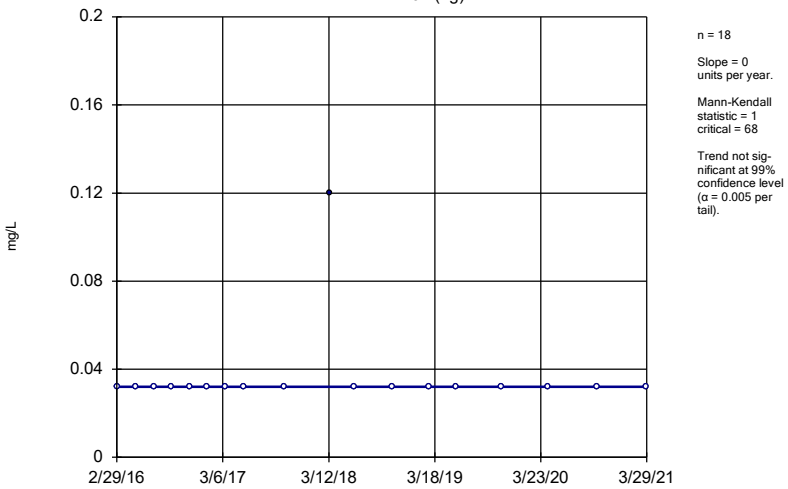
Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 68

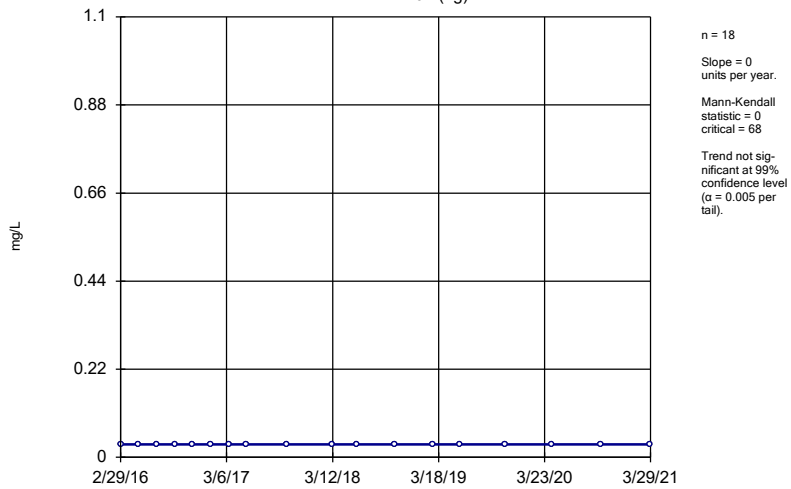
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

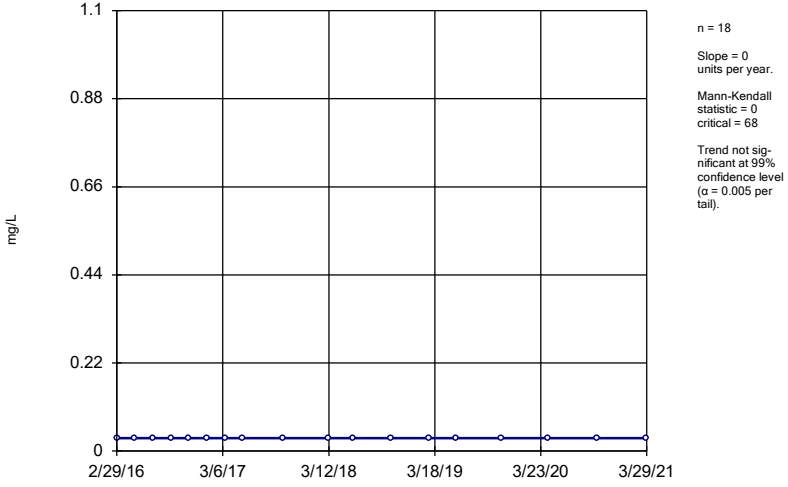
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

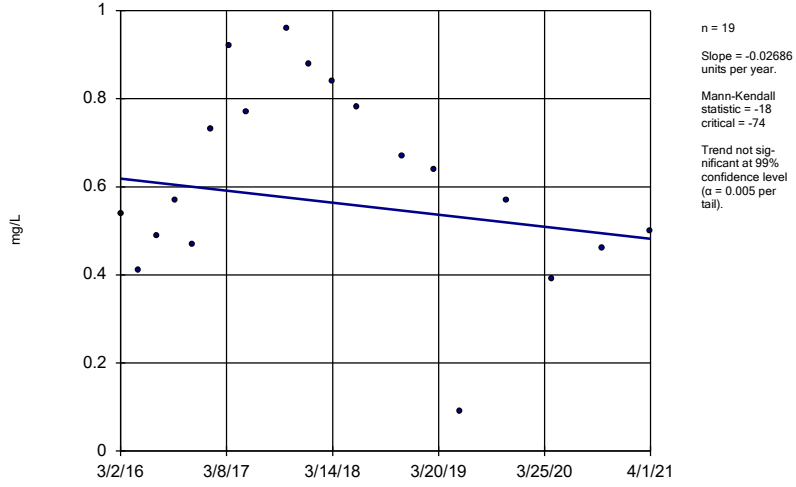
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-201



n = 19

Slope = -0.02686 units per year.

Mann-Kendall statistic = -18
critical = -74

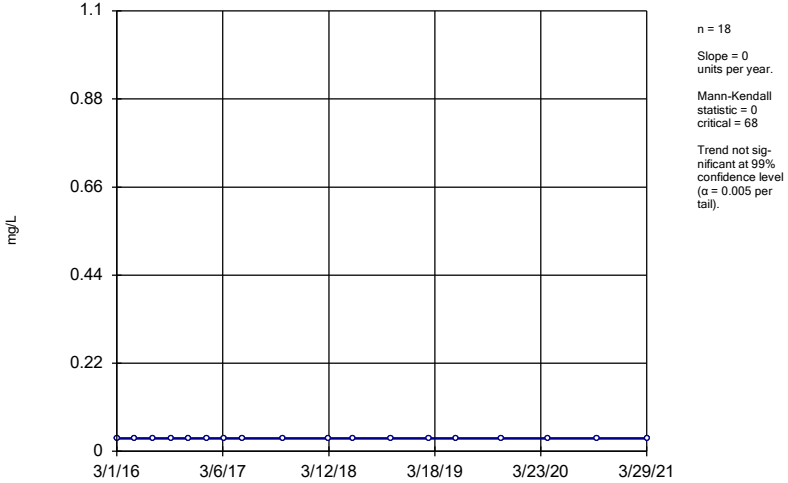
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

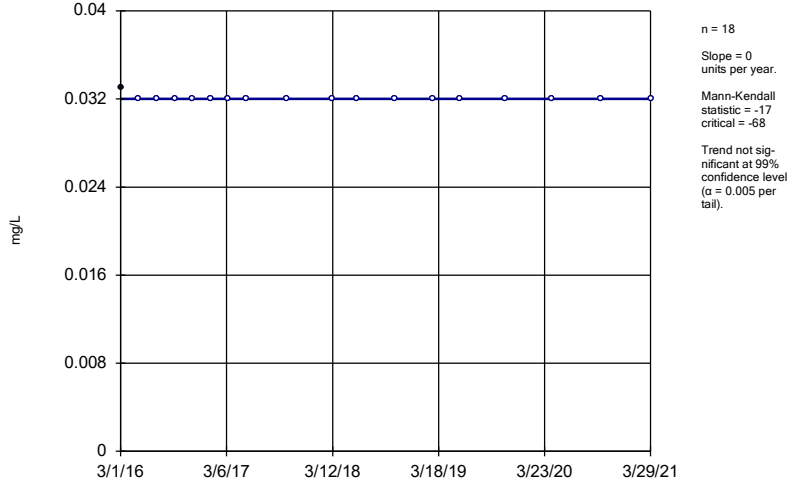
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -68

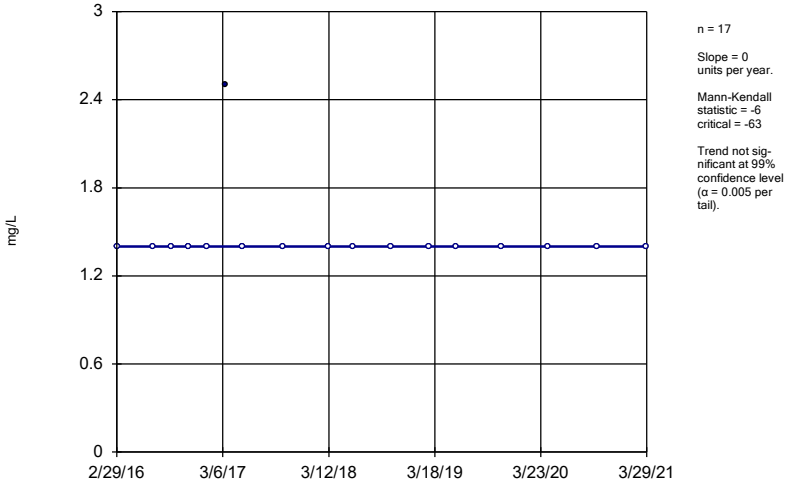
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = -6
critical = -63

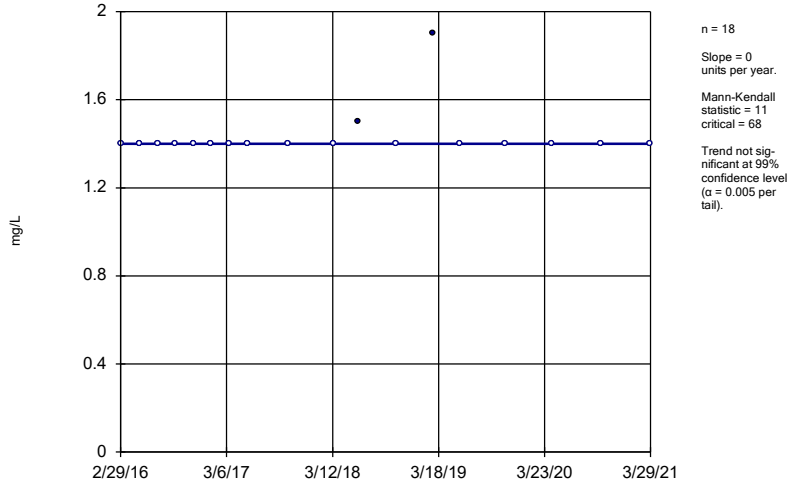
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 11
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

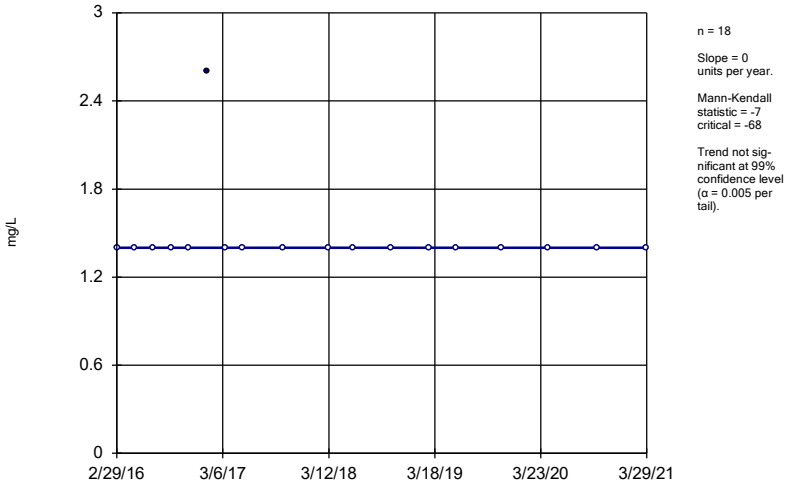
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



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).

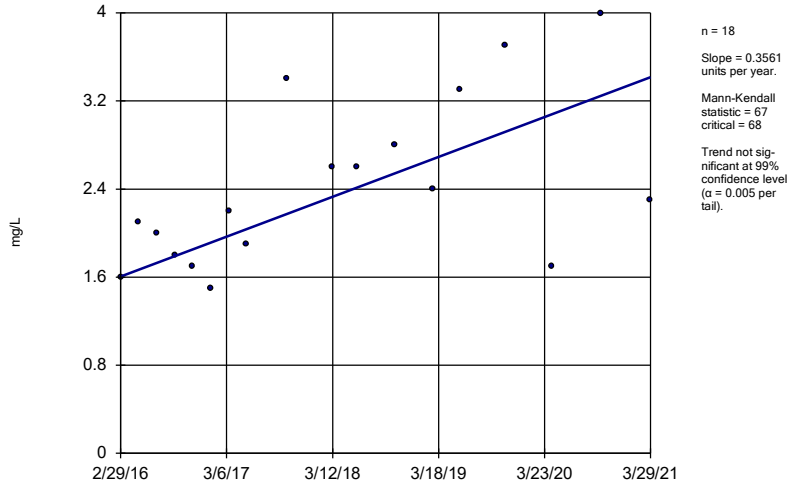
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.3561 units per year.

Mann-Kendall statistic = 67
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

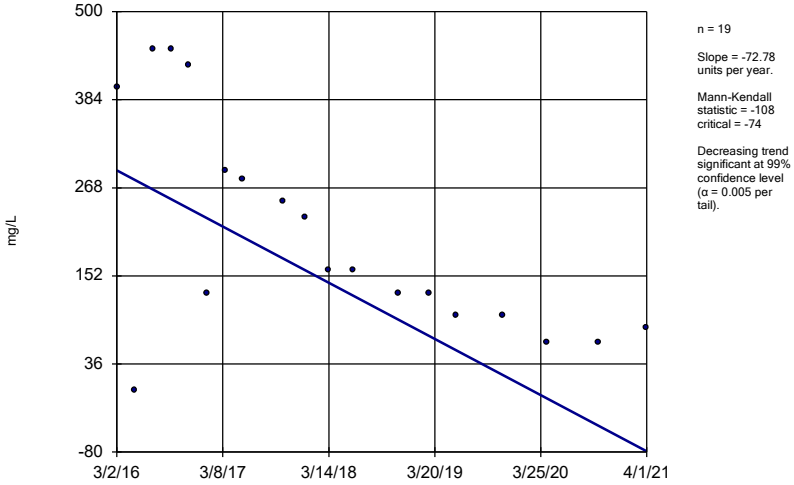
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-200



n = 19

Slope = -72.78 units per year.

Mann-Kendall statistic = -108
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

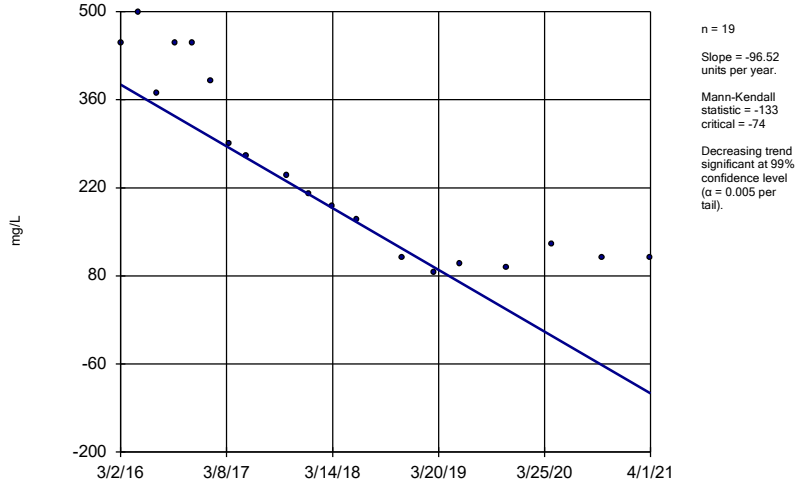
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-201



n = 19

Slope = -96.52 units per year.

Mann-Kendall statistic = -133
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

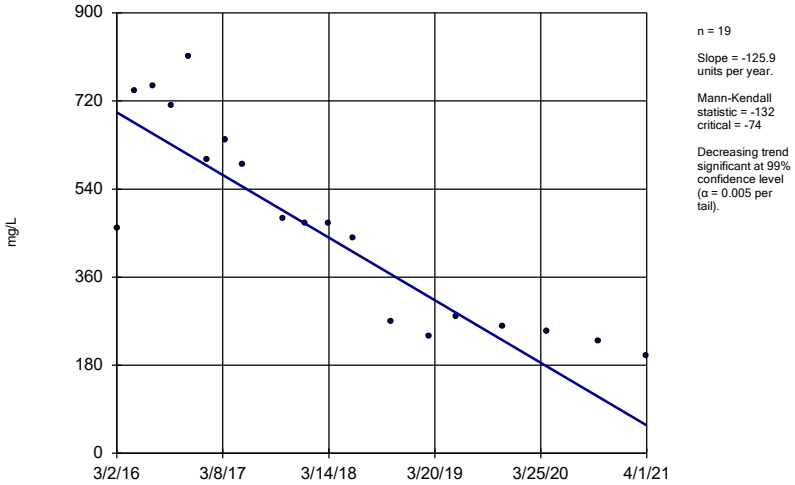
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-206



n = 19

Slope = -125.9 units per year.

Mann-Kendall statistic = -132
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

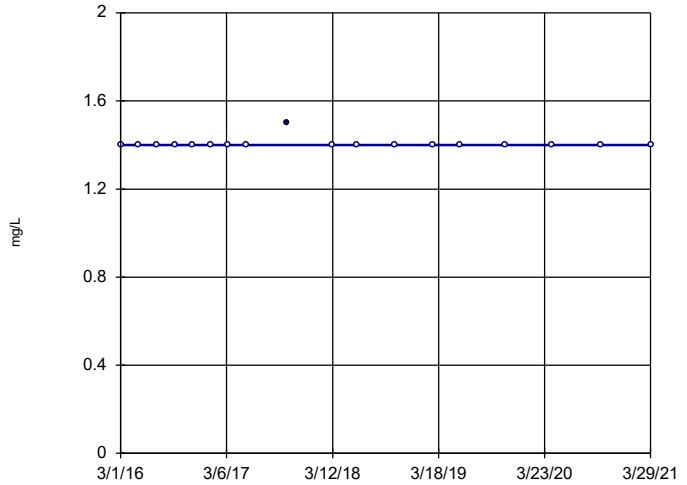
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



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: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

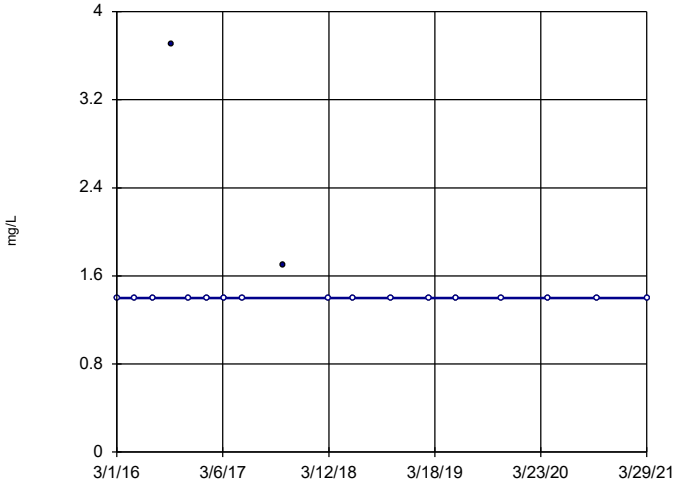
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -13
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

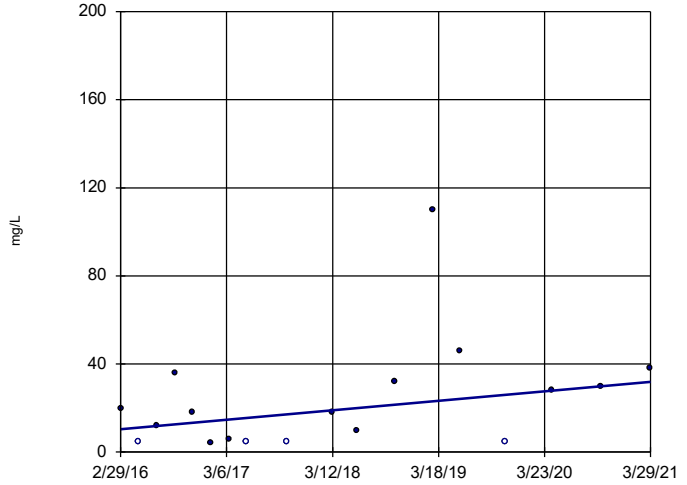
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 4.229 units per year.

Mann-Kendall statistic = 42
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

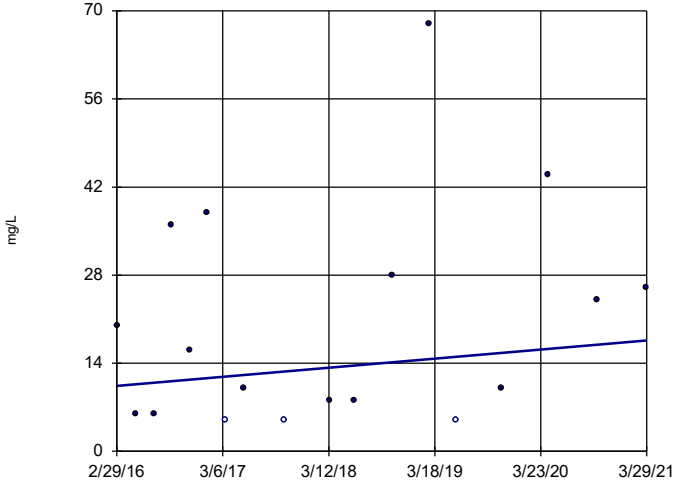
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 1.42 units per year.

Mann-Kendall statistic = 25
critical = 68

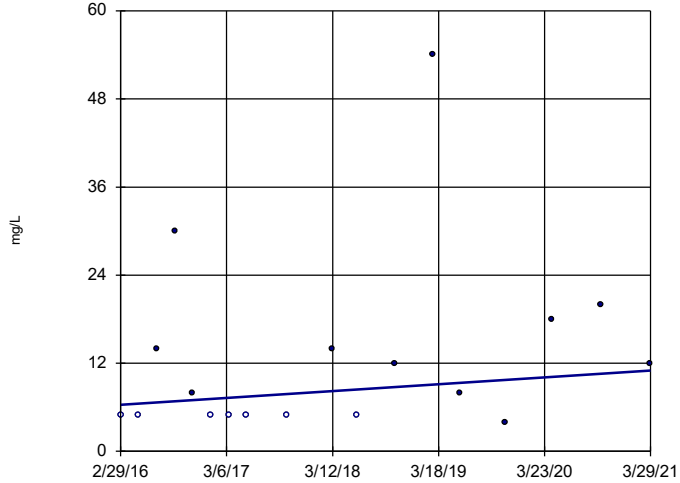
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0.9225 units per year.

Mann-Kendall statistic = 27
critical = 68

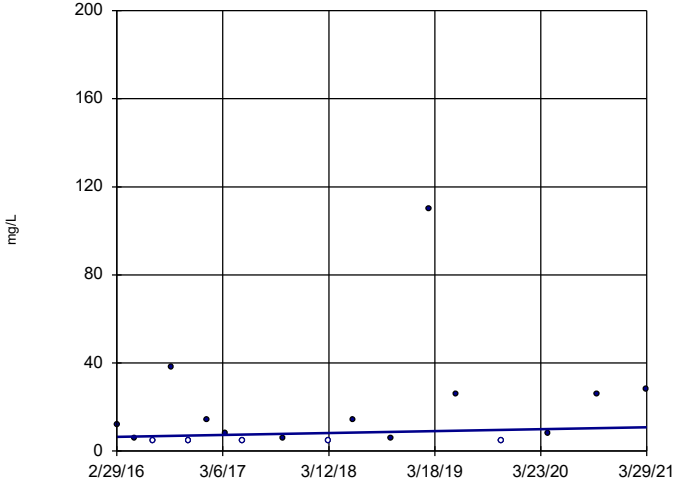
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.8718 units per year.

Mann-Kendall statistic = 31
critical = 68

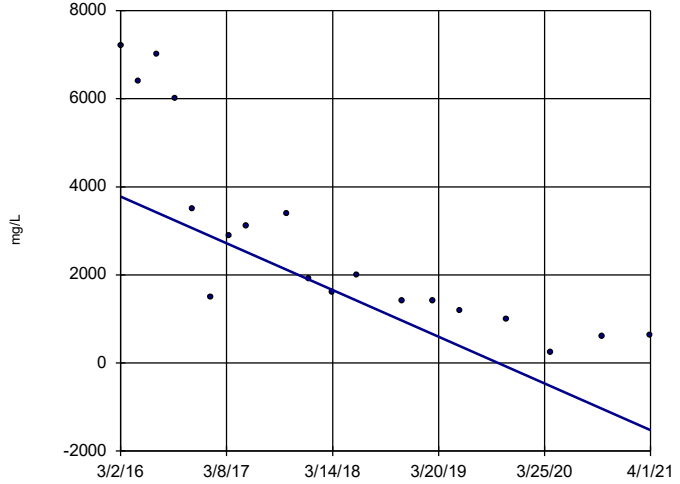
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-200



n = 19

Slope = -1044 units per year.

Mann-Kendall statistic = -140
critical = -74

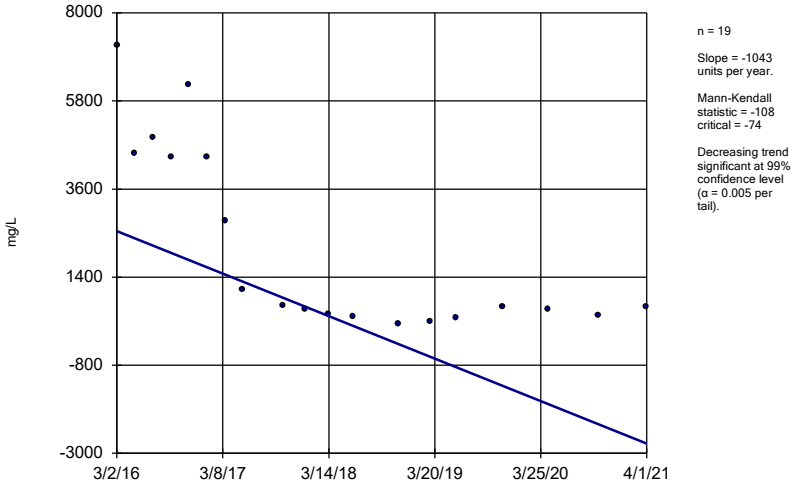
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-201



n = 19

Slope = -1043 units per year.

Mann-Kendall statistic = -108 critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

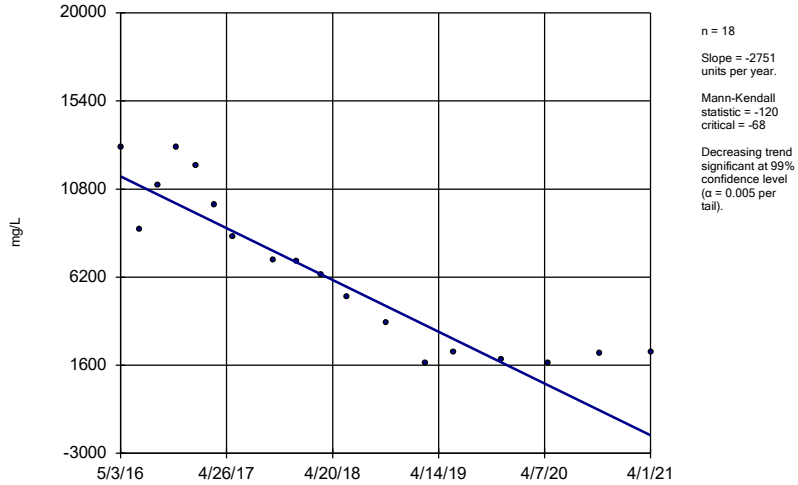
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-206



n = 18

Slope = -2751 units per year.

Mann-Kendall statistic = -120 critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

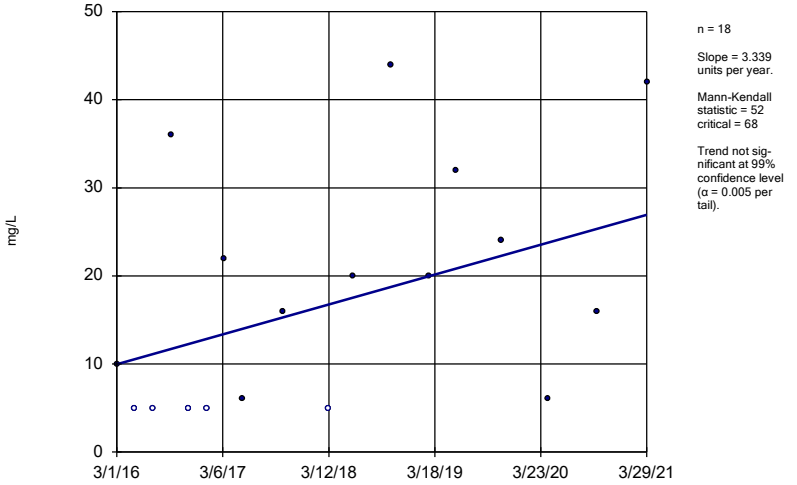
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 3.339 units per year.

Mann-Kendall statistic = 52 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

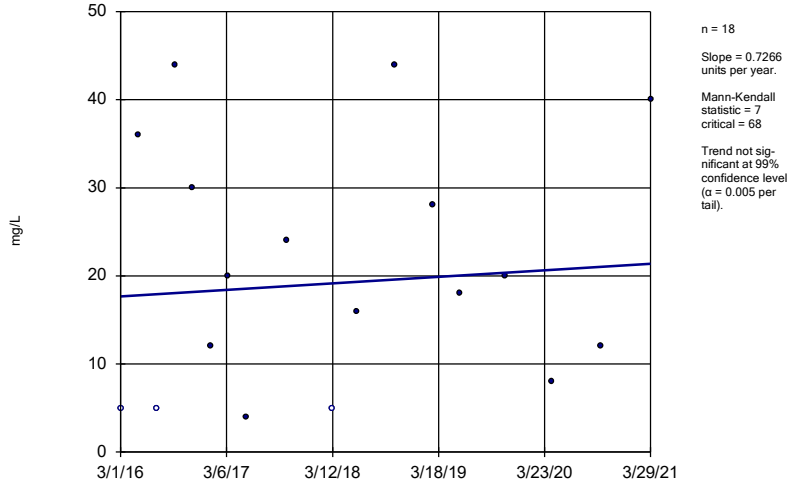
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0.7266 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 6/11/2021 6:37 PM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

300 Series

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-303**	**0.04328**	**88**	**74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.02641**	**92**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-26.32**	**-100**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

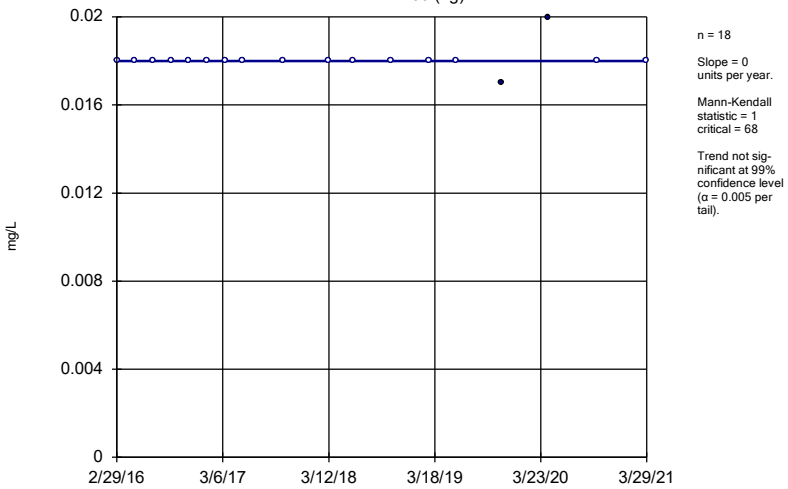
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	1	68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-18	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-5	-68	No	18	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.09865	20	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.3008	58	74	No	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-25	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.4412	-39	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04554	61	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-101 (bg)	-0.01549	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02277	-45	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07081	58	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-303	5.426	59	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	0	-14	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.005989	15	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.1193**	**-93**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-3.453	-49	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.4294**	**85**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1916	63	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.07414	-30	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2607**	**-71**	**-68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-300	0.03276	15	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	6.662	33	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-5.651	-22	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.09389	27	74	No	19	5.263	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.2173**	**76**	**68**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.1719	58	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	5.113	16	74	No	19	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	1	68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-303**	**0.04328**	**88**	**74**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-306 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	-17	-68	No	18	94.44	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.02641**	**92**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-6	-63	No	17	94.12	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	11	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.3561	67	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-300	0	17	68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-303	9.656	25	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-10.1	-14	-74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-13	-68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-26.32**	**-100**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.229	42	68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	1.42	25	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9225	27	68	No	18	38.89	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8718	31	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	30.54	30	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-29.04	-16	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.339	52	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.7266	7	68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-28.13	-47	-74	No	19	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 68

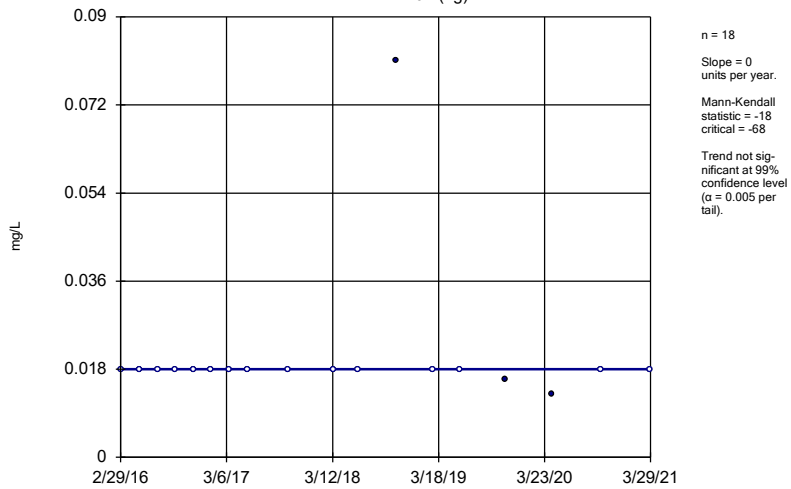
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -18
critical = -68

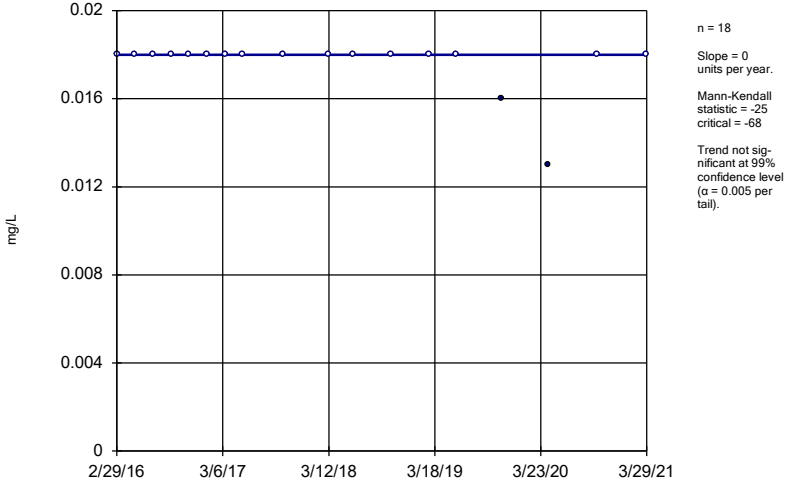
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -68

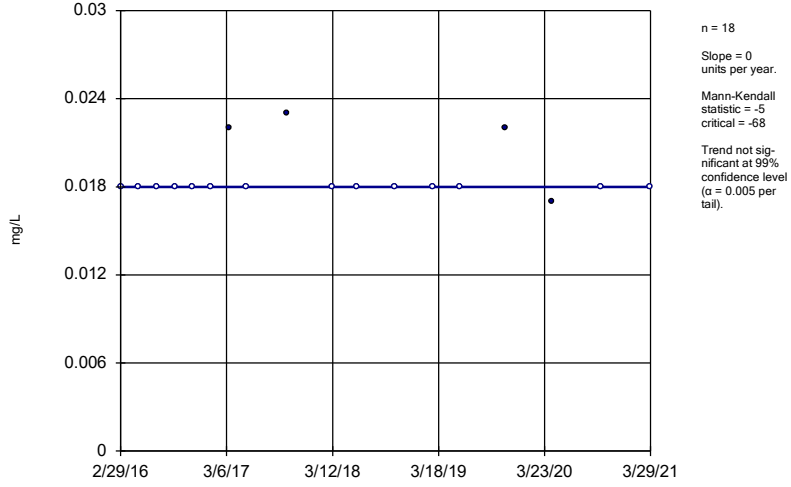
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -5
critical = -68

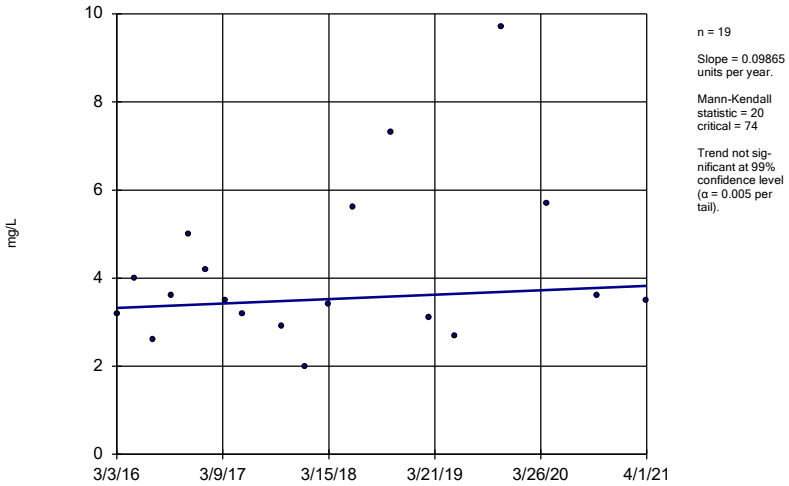
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-303



n = 19

Slope = 0.09865 units per year.

Mann-Kendall statistic = 20 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

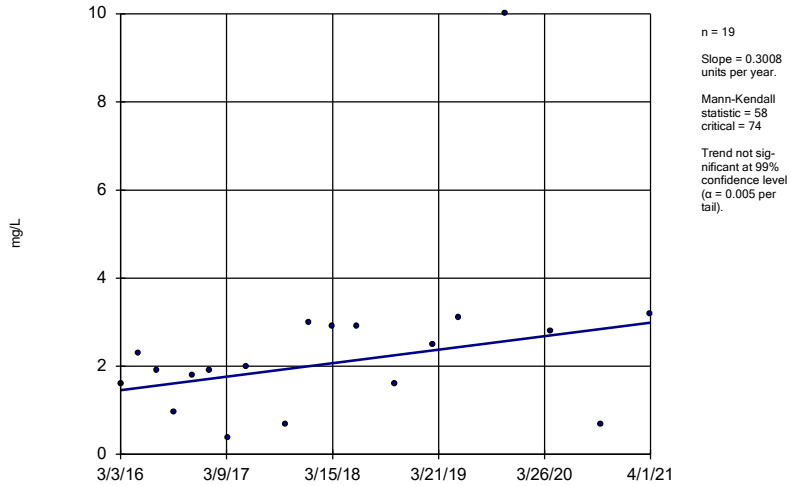
Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-304



n = 19

Slope = 0.3008 units per year.

Mann-Kendall statistic = 58 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

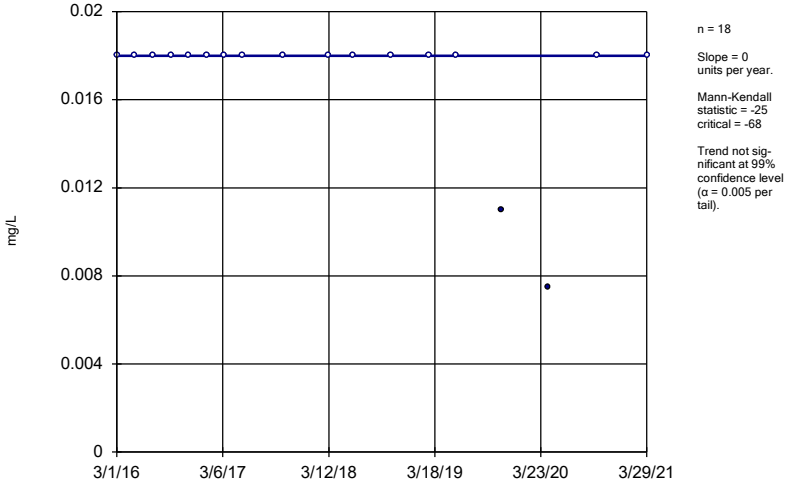
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25 critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

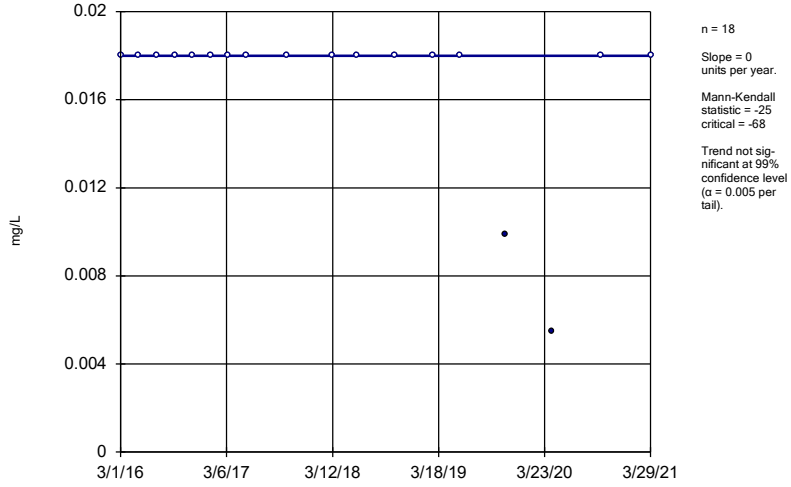
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -25 critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

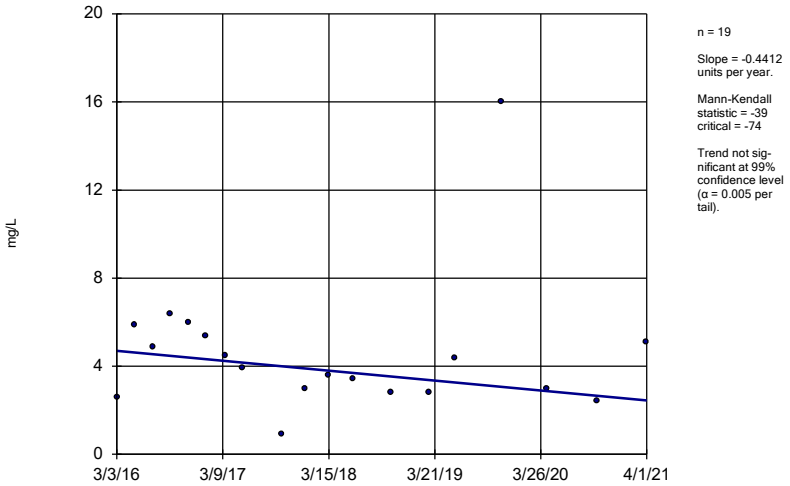
Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-308



n = 19

Slope = -0.4412 units per year.

Mann-Kendall statistic = -39 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

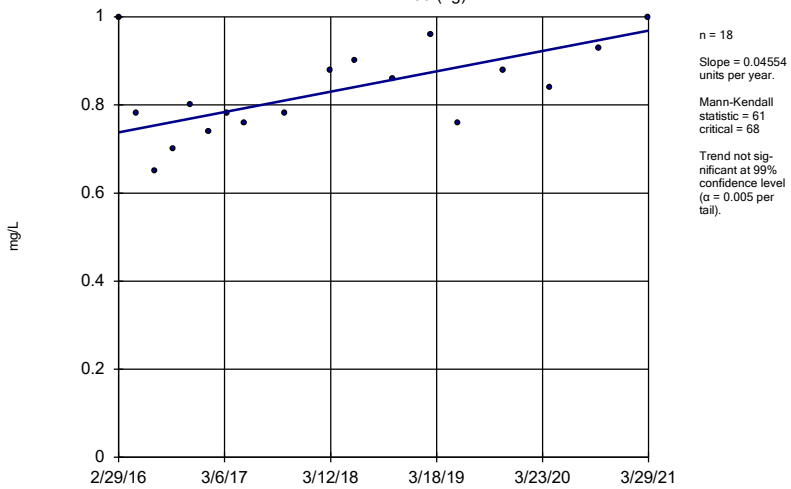
Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0.04554 units per year.

Mann-Kendall statistic = 61 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

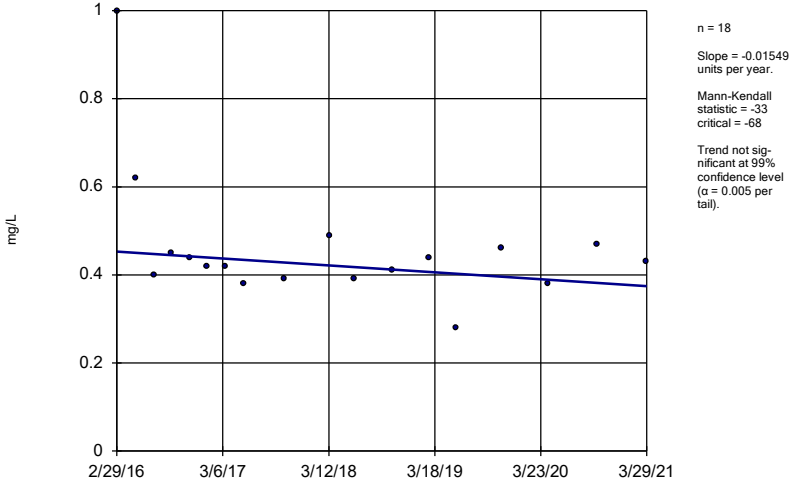
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = -0.01549 units per year.

Mann-Kendall statistic = -33 critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

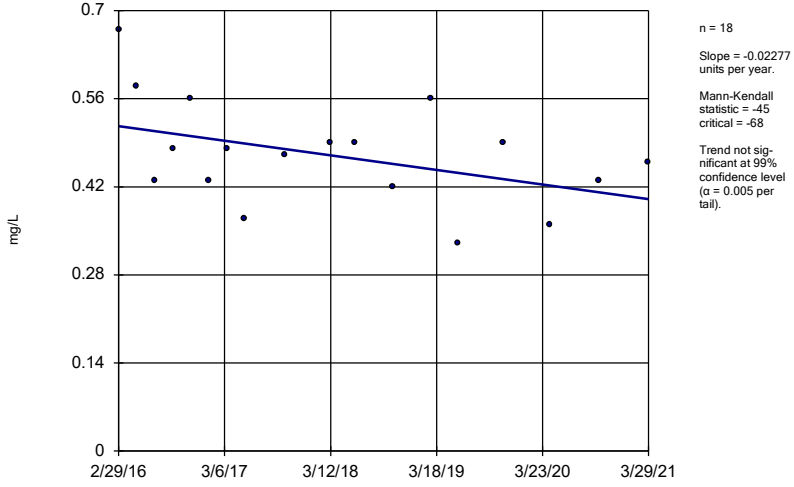
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = -0.02277 units per year.

Mann-Kendall statistic = -45 critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

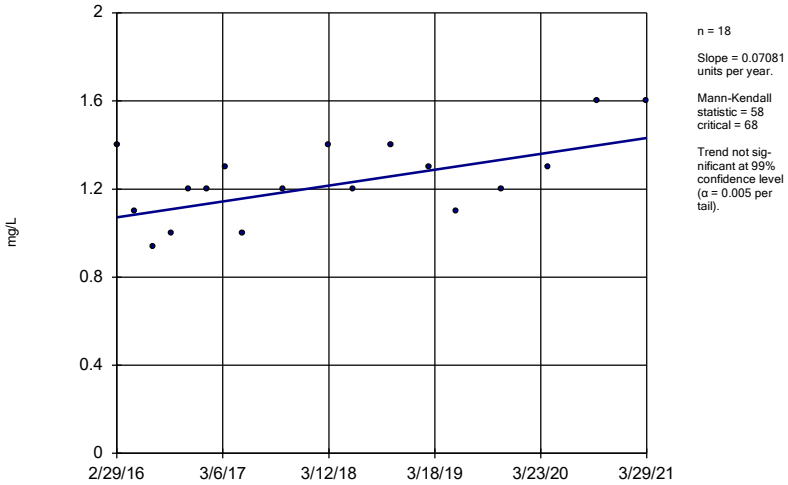
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.07081 units per year.

Mann-Kendall statistic = 58 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

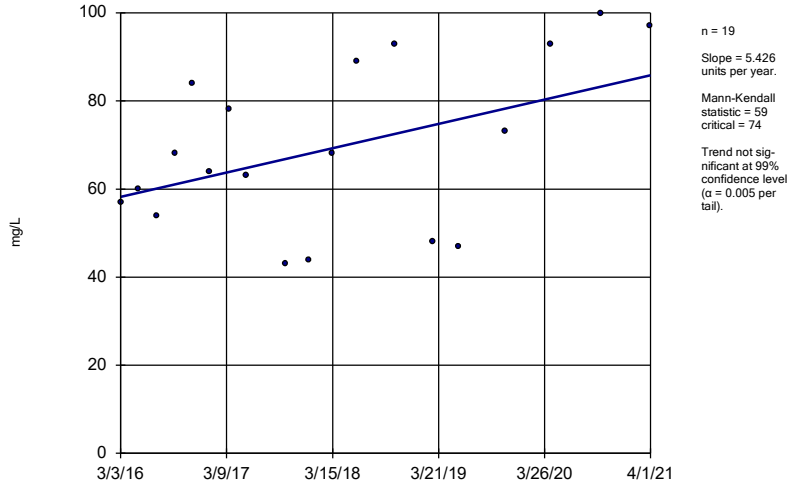
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-303



n = 19

Slope = 5.426 units per year.

Mann-Kendall statistic = 59 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

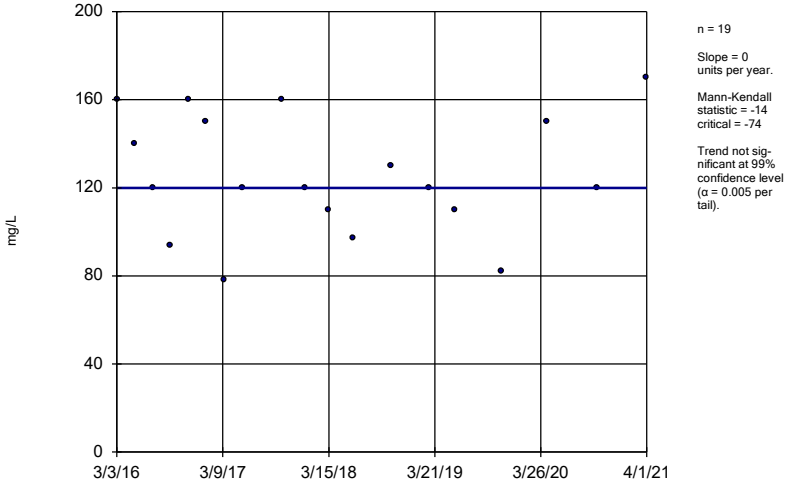
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-304



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -14 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

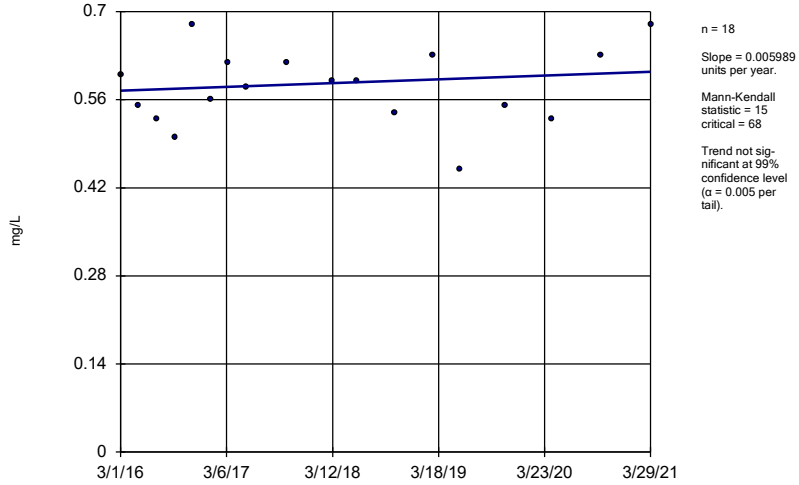
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0.005989 units per year.

Mann-Kendall statistic = 15 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

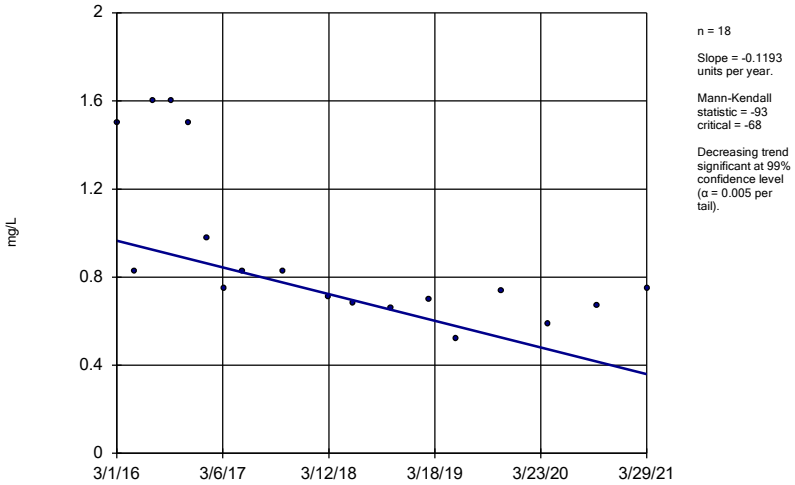
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = -0.1193 units per year.

Mann-Kendall statistic = -93 critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

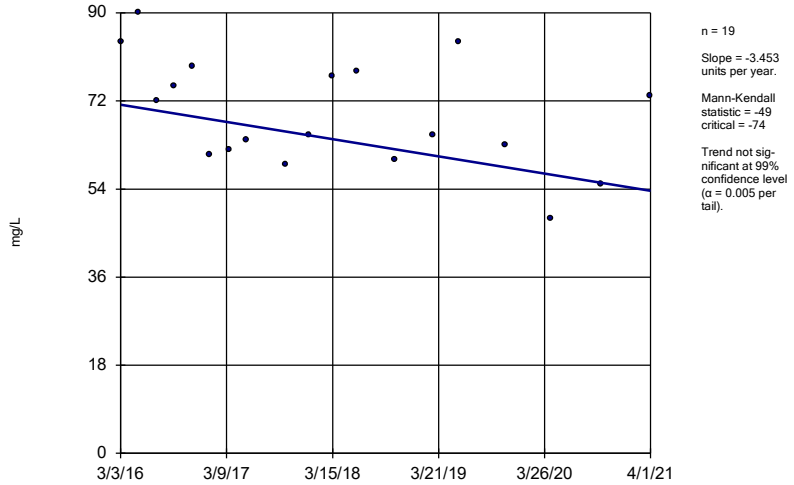
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-308



n = 19

Slope = -3.453 units per year.

Mann-Kendall statistic = -49 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

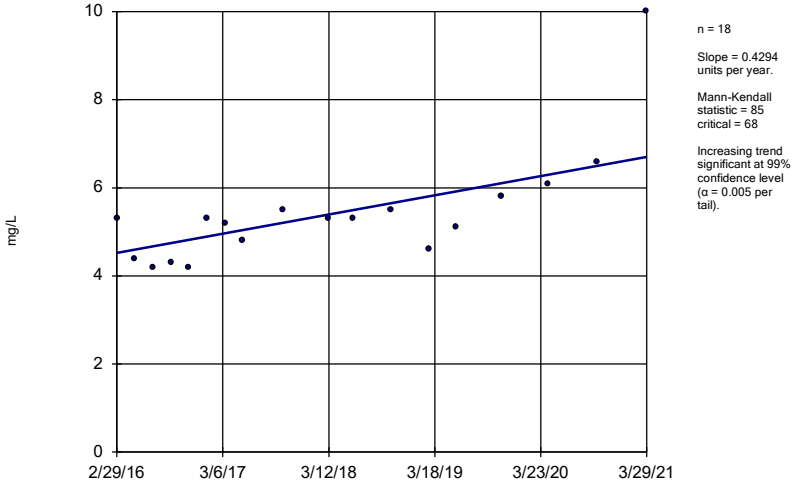
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0.4294 units per year.

Mann-Kendall statistic = 85 critical = 68

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

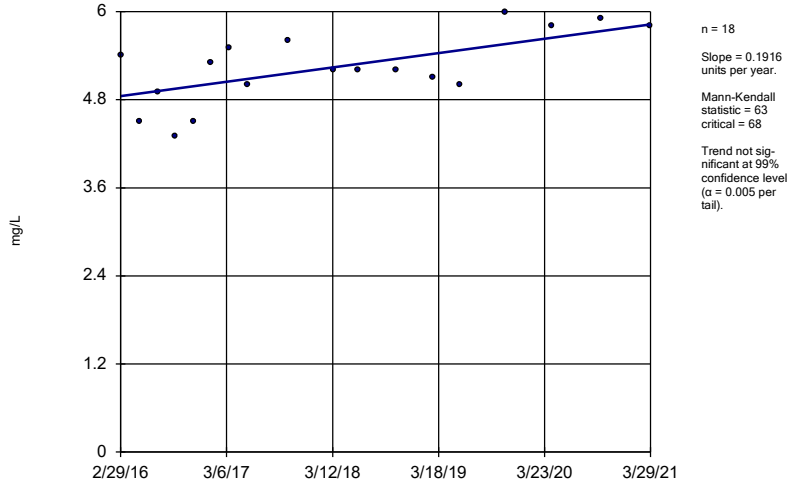
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0.1916 units per year.

Mann-Kendall statistic = 63 critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

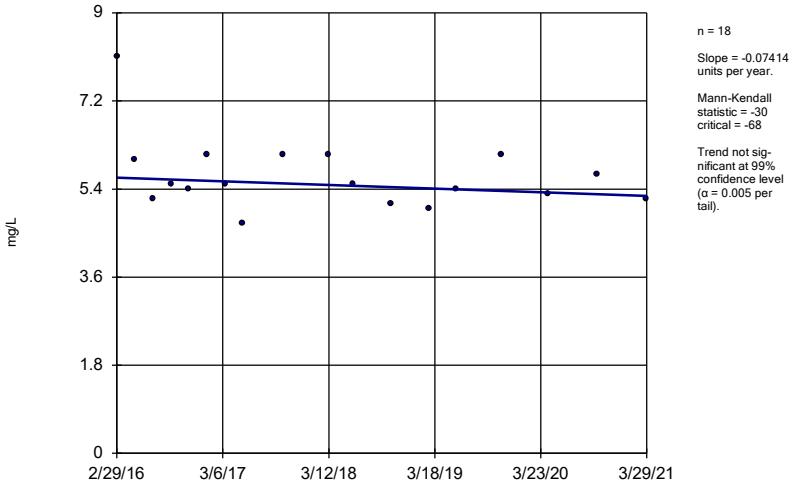
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = -0.07414 units per year.

Mann-Kendall statistic = -30
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

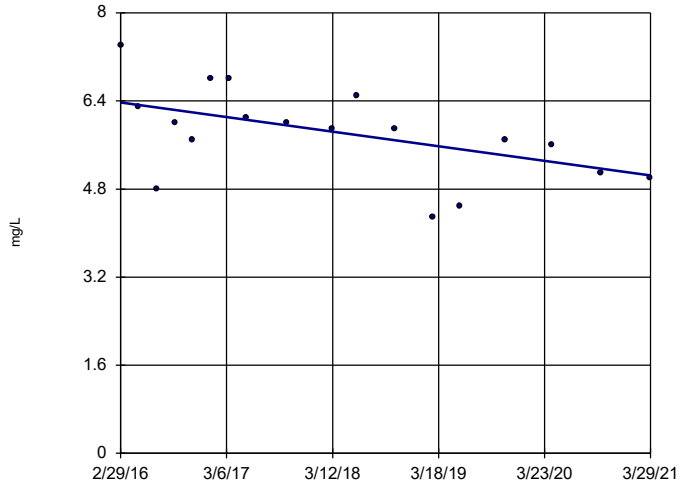
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = -0.2607 units per year.

Mann-Kendall statistic = -71
critical = -68

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

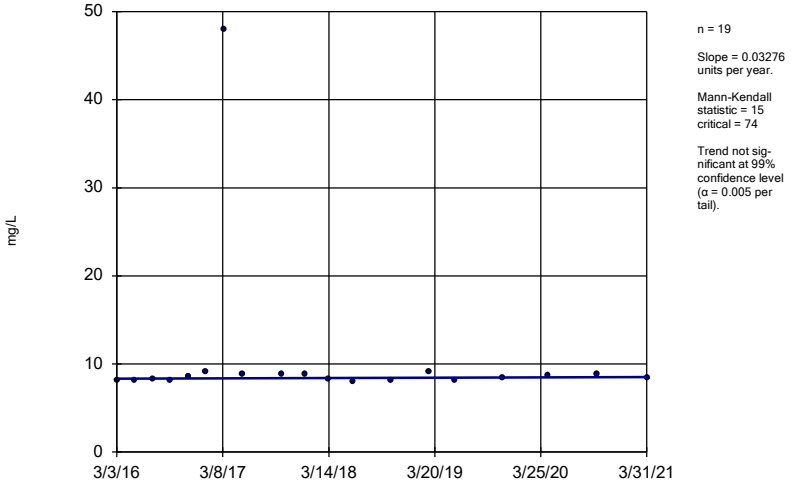
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-300



n = 19

Slope = 0.03276 units per year.

Mann-Kendall statistic = 15
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

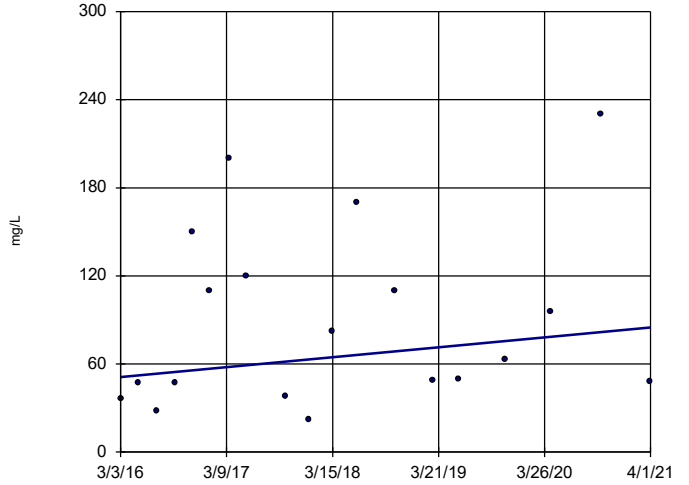
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-303



n = 19

Slope = 6.662 units per year.

Mann-Kendall statistic = 33
critical = 74

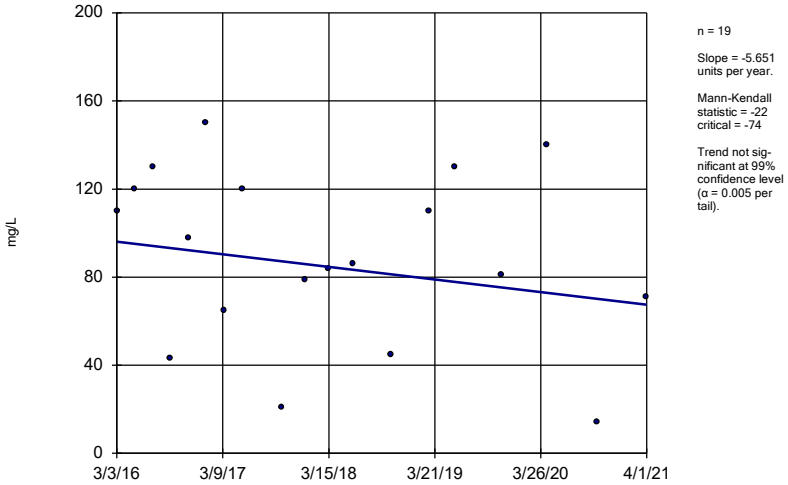
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-304



n = 19

Slope = -5.651 units per year.

Mann-Kendall statistic = -22
critical = -74

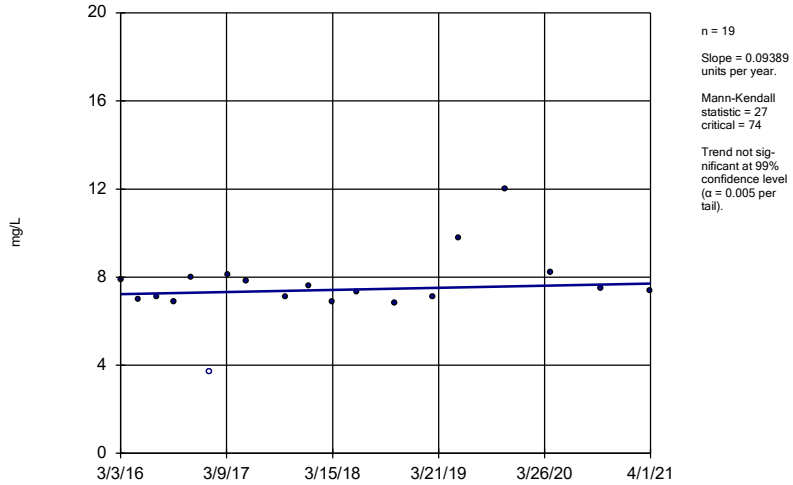
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 19

Slope = 0.09389 units per year.

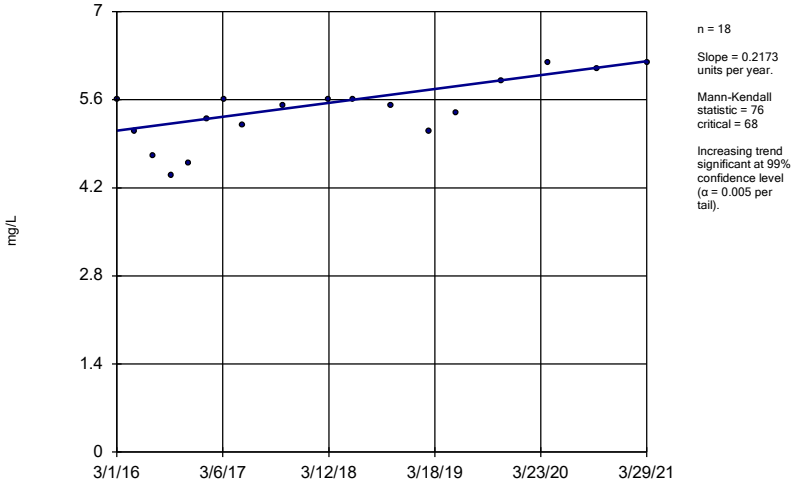
Mann-Kendall statistic = 27
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0.2173 units per year.

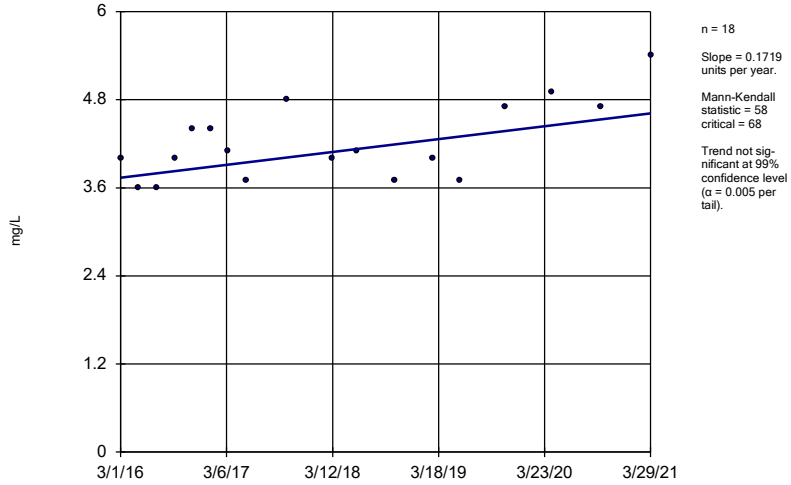
Mann-Kendall statistic = 76
critical = 68

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0.1719 units per year.

Mann-Kendall statistic = 58
critical = 68

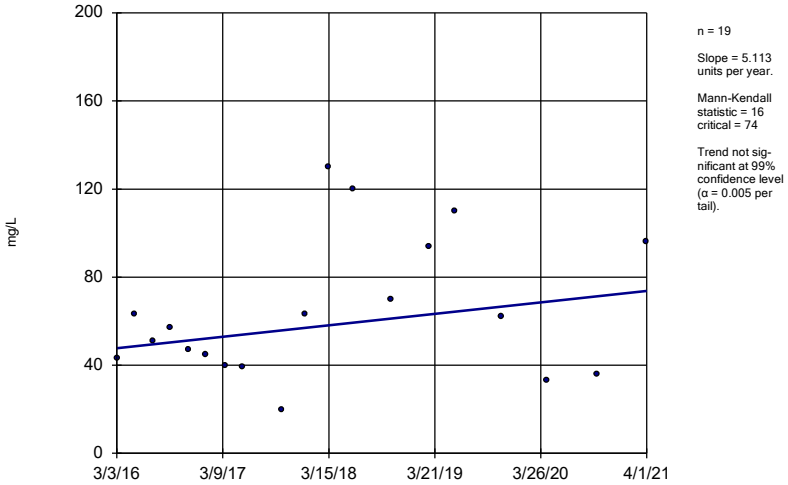
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-308



n = 19

Slope = 5.113 units per year.

Mann-Kendall statistic = 16
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

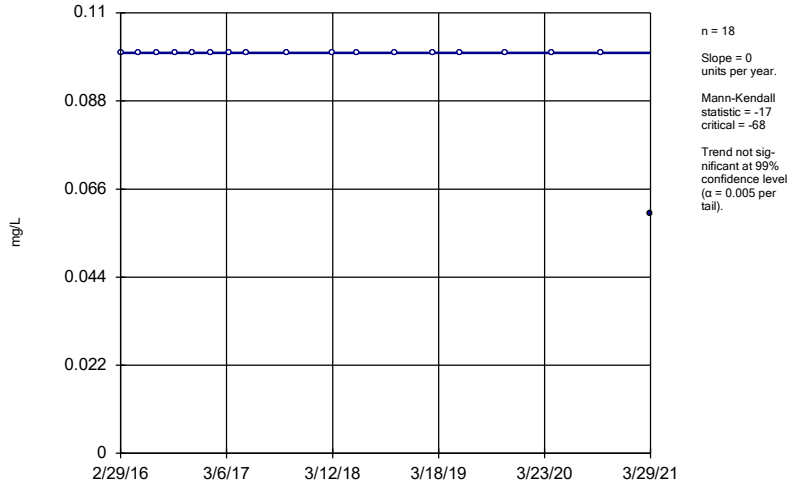
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

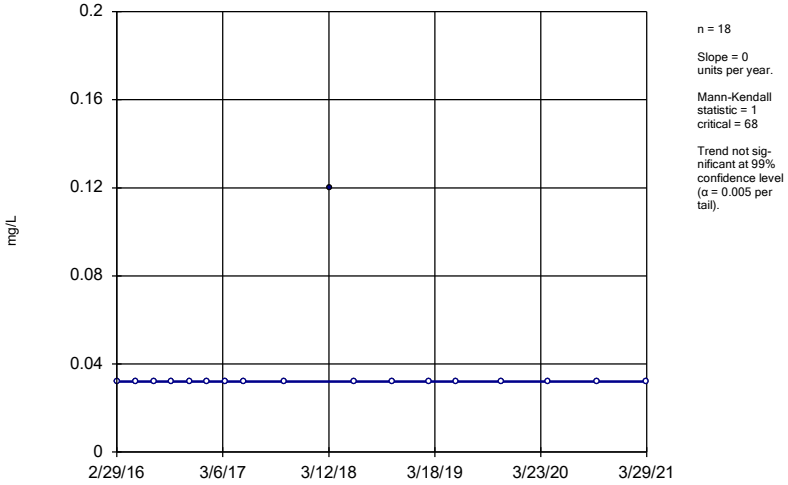
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



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: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

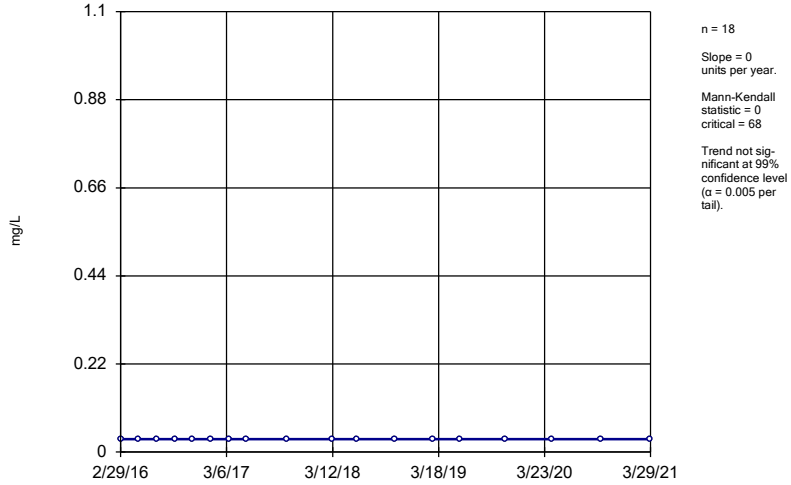
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

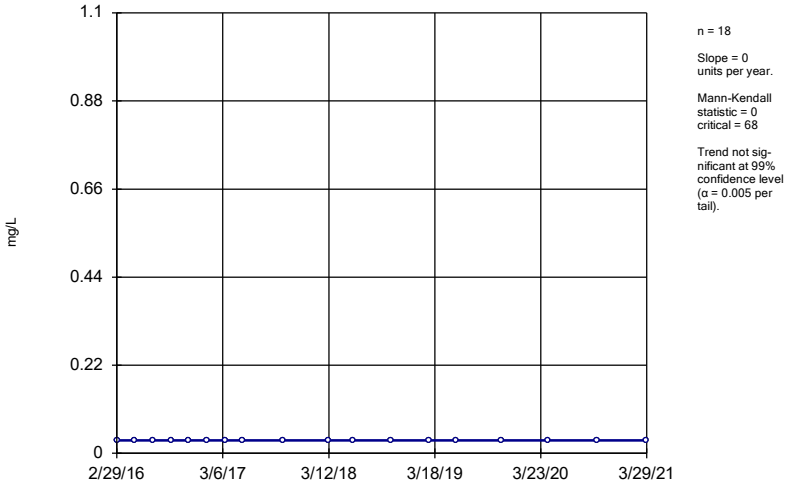
Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

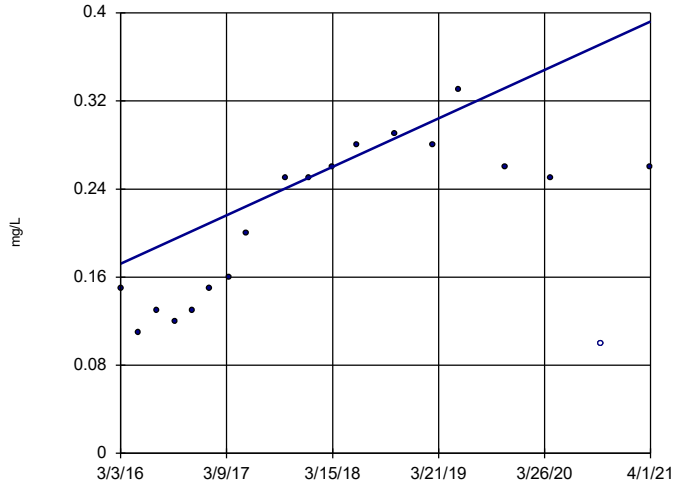
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-303



n = 19

Slope = 0.04328 units per year.

Mann-Kendall statistic = 88
critical = 74

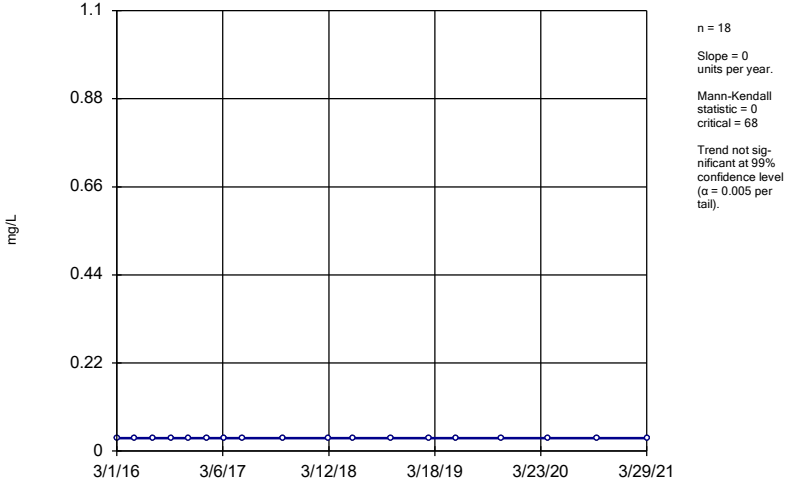
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 68

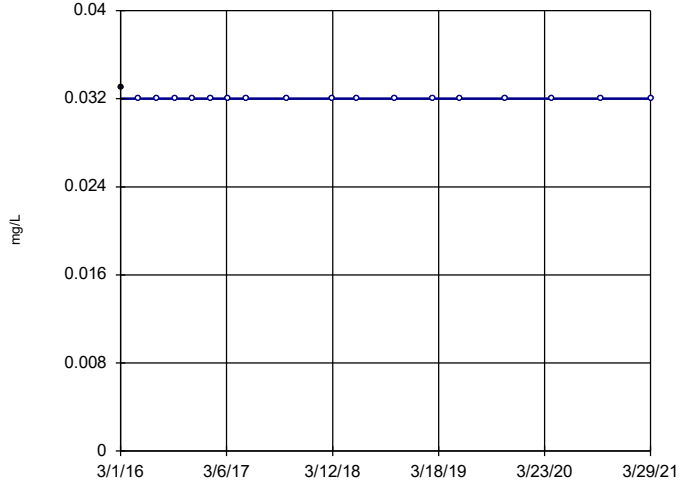
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -68

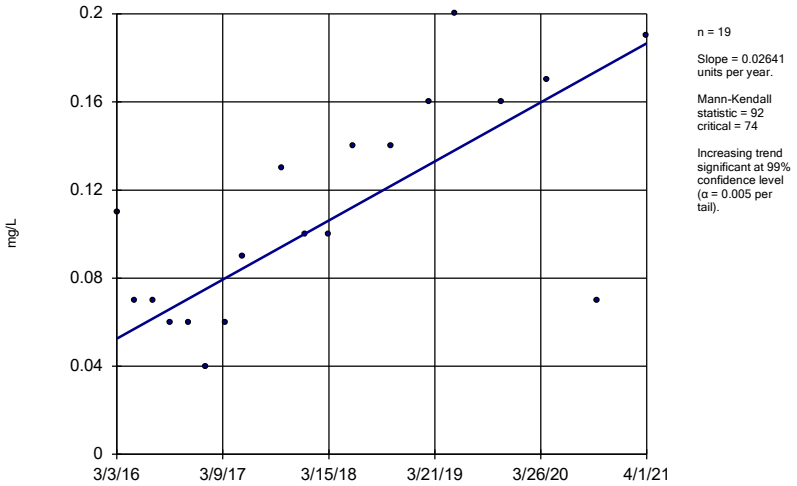
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-308



n = 19

Slope = 0.02641 units per year.

Mann-Kendall statistic = 92
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

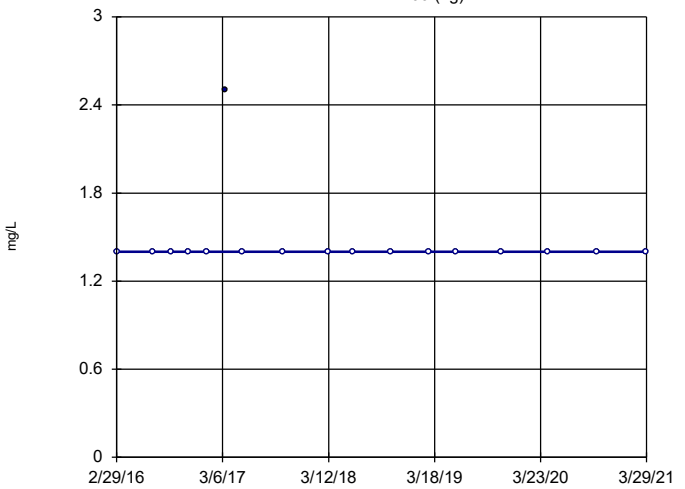
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (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 6/17/2021 5:27 PM View: 300 Confidencee

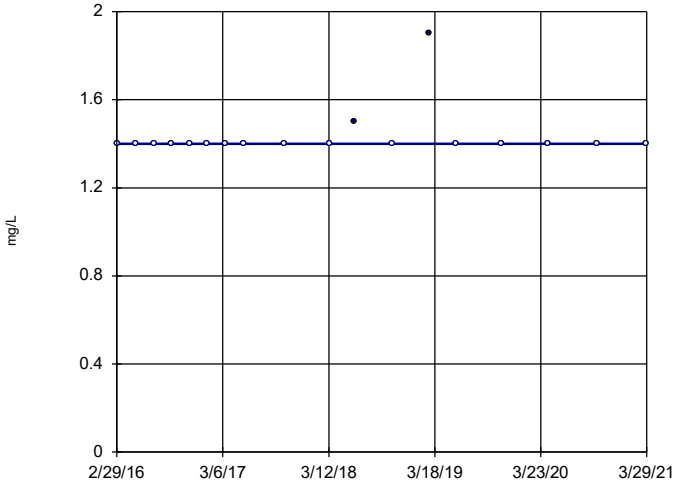
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 11
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

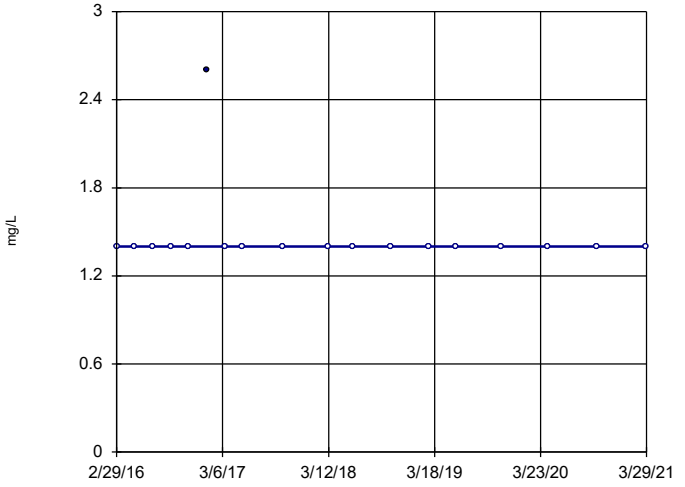
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



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).

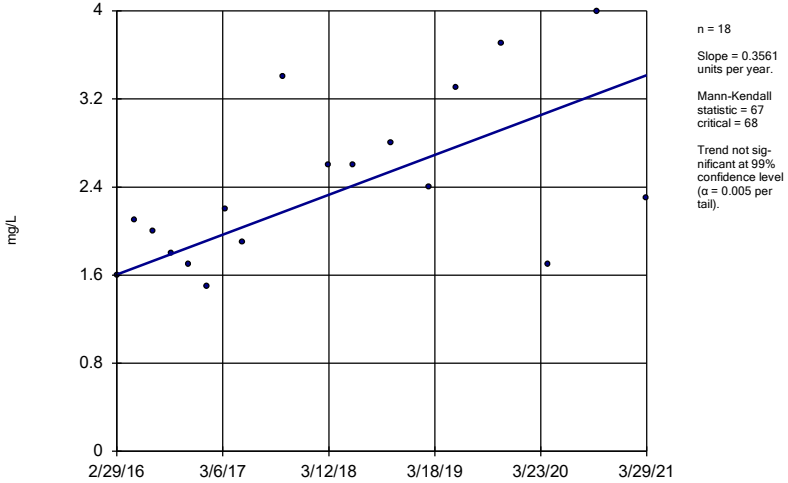
Constituent: Sulfate Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.3561 units per year.

Mann-Kendall statistic = 67
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

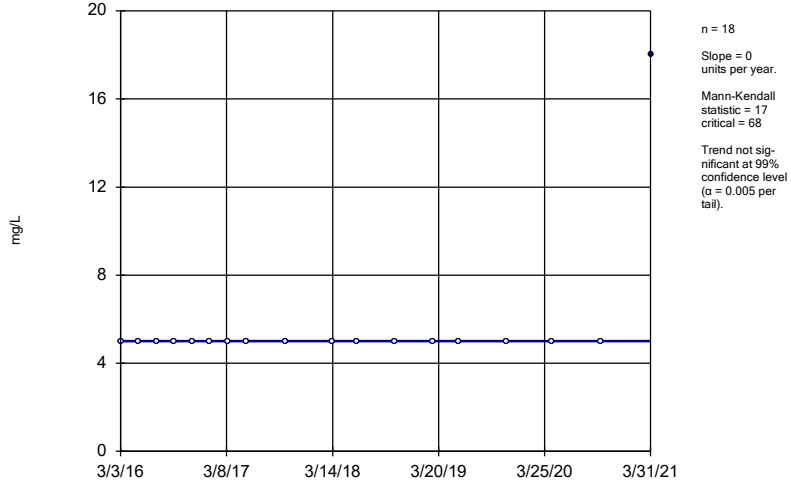
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-300



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 17
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

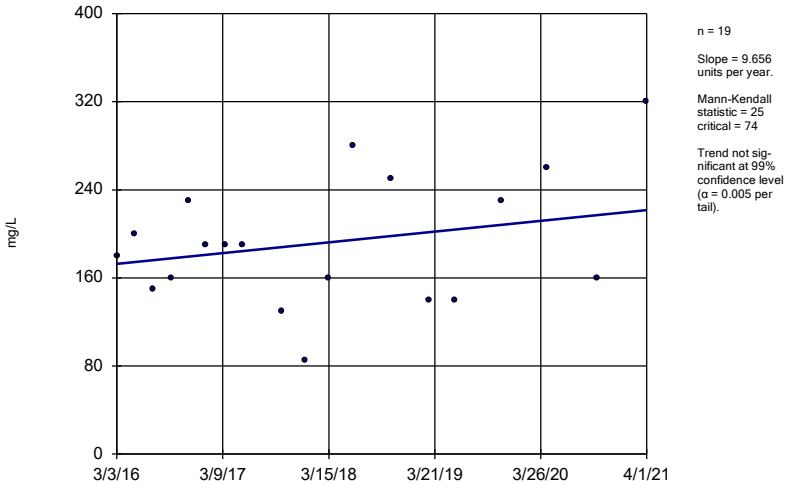
Constituent: Sulfate Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-303



n = 19

Slope = 9.656 units per year.

Mann-Kendall statistic = 25
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

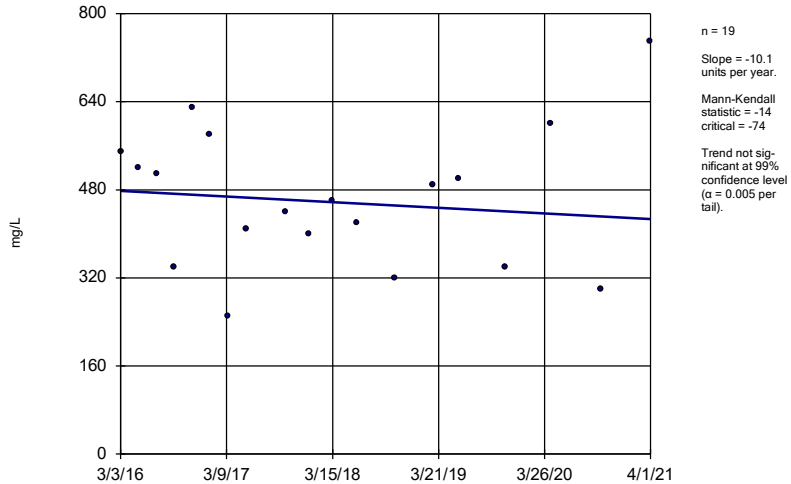
Constituent: Sulfate Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-304



n = 19

Slope = -10.1 units per year.

Mann-Kendall statistic = -14
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

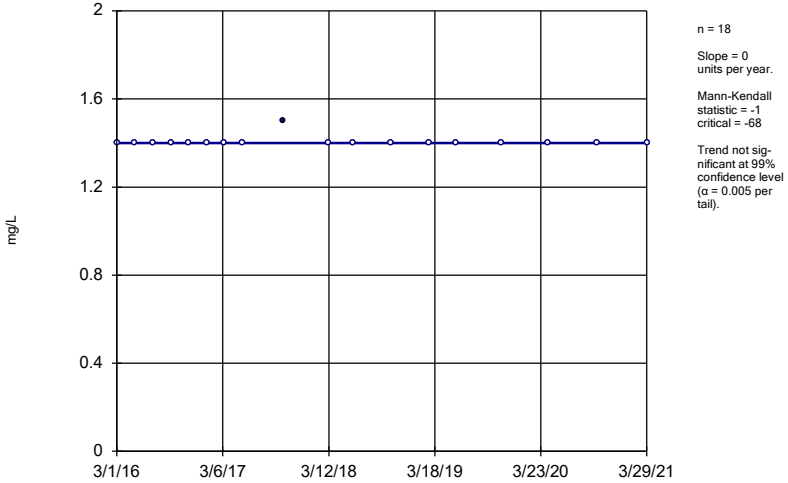
Constituent: Sulfate Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 0
units per year.

Mann-Kendall
statistic = -1
critical = -68

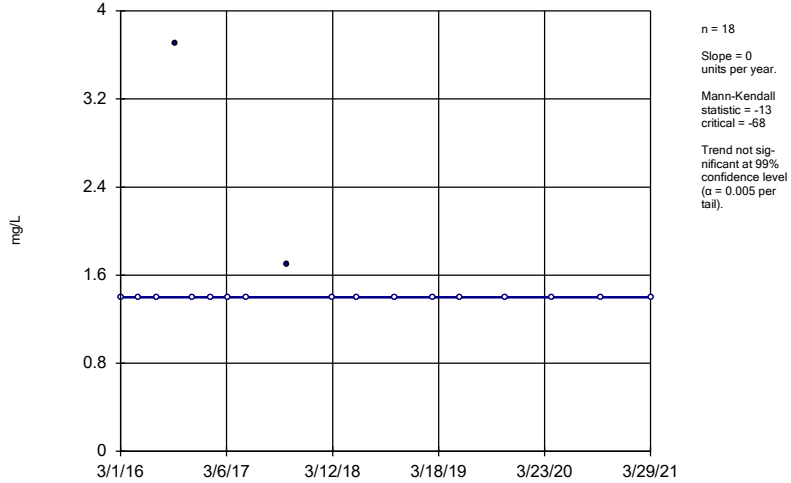
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0
units per year.

Mann-Kendall
statistic = -13
critical = -68

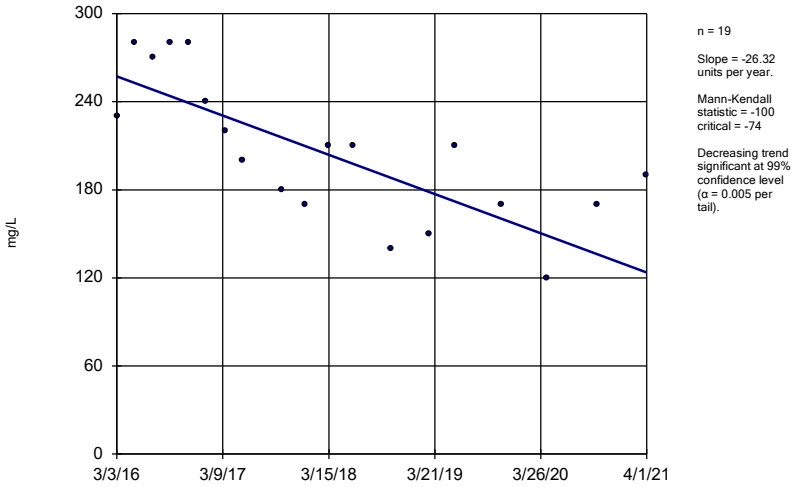
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-308



n = 19

Slope = -26.32
units per year.

Mann-Kendall
statistic = -100
critical = -74

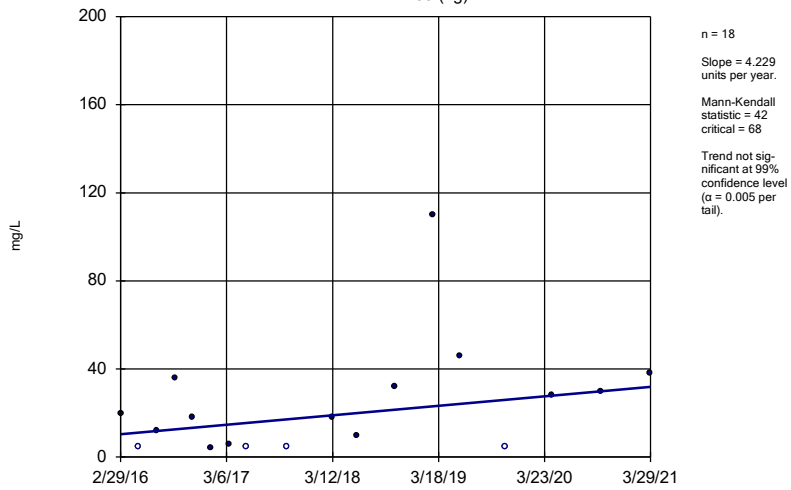
Decreasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 4.229
units per year.

Mann-Kendall
statistic = 42
critical = 68

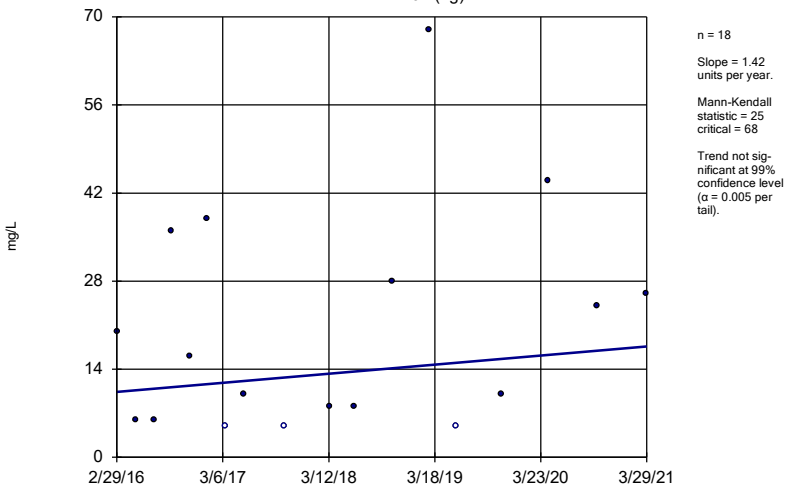
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 18

Slope = 1.42 units per year.

Mann-Kendall statistic = 25
critical = 68

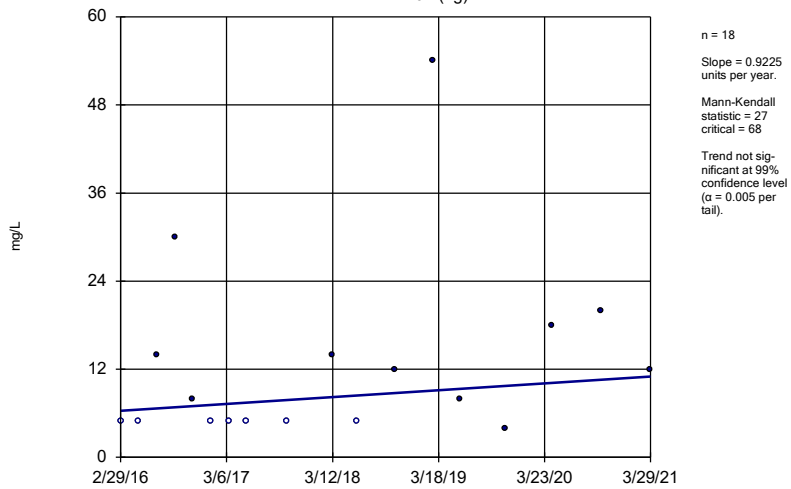
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 18

Slope = 0.9225 units per year.

Mann-Kendall statistic = 27
critical = 68

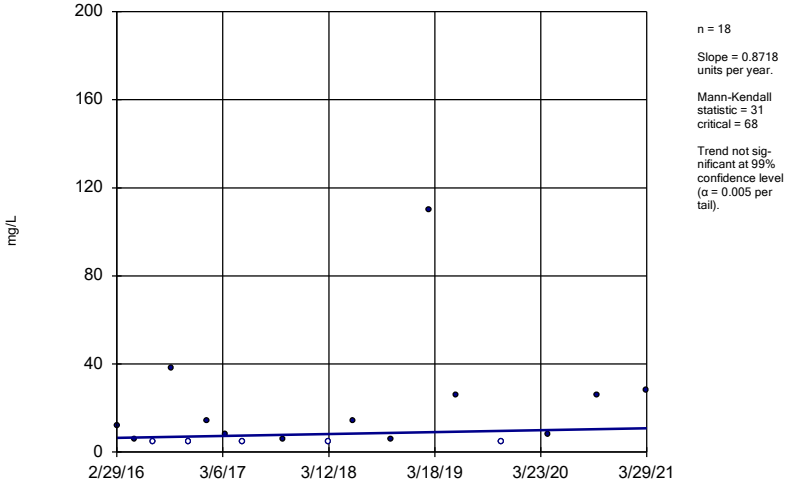
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0.8718 units per year.

Mann-Kendall statistic = 31
critical = 68

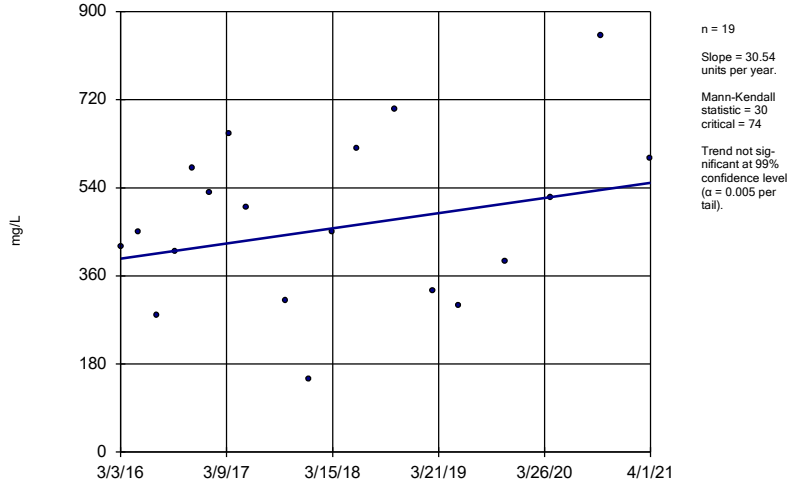
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-303



n = 19

Slope = 30.54 units per year.

Mann-Kendall statistic = 30
critical = 74

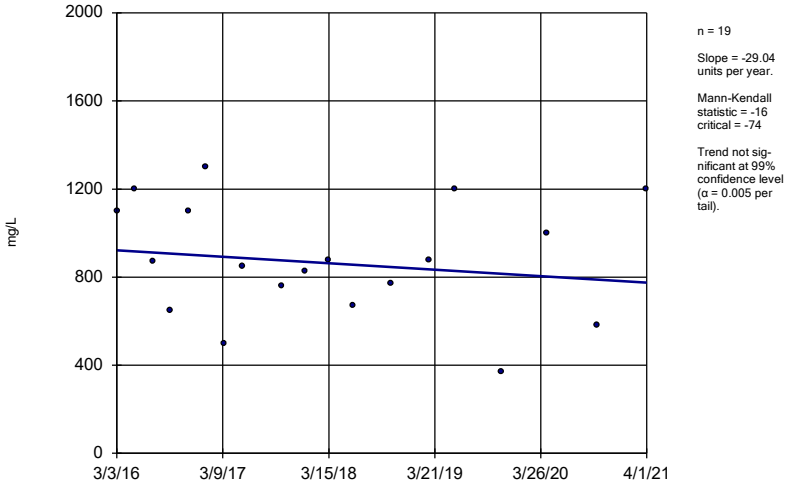
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-304



n = 19

Slope = -29.04 units per year.

Mann-Kendall statistic = -16
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

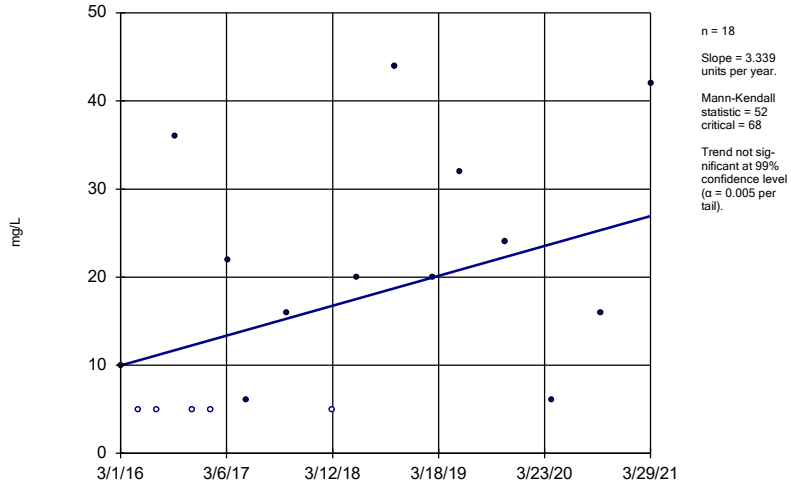
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 18

Slope = 3.339 units per year.

Mann-Kendall statistic = 52
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

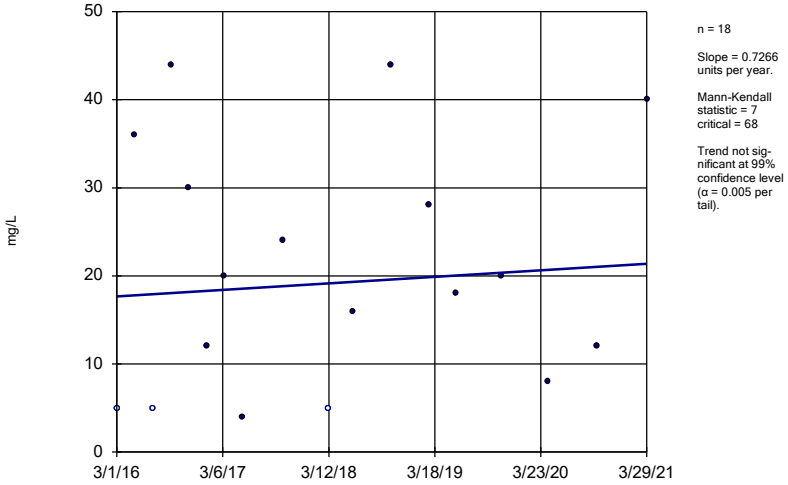
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 18

Slope = 0.7266 units per year.

Mann-Kendall statistic = 7
critical = 68

Trend not significant at 99% confidence level (α = 0.005 per tail).

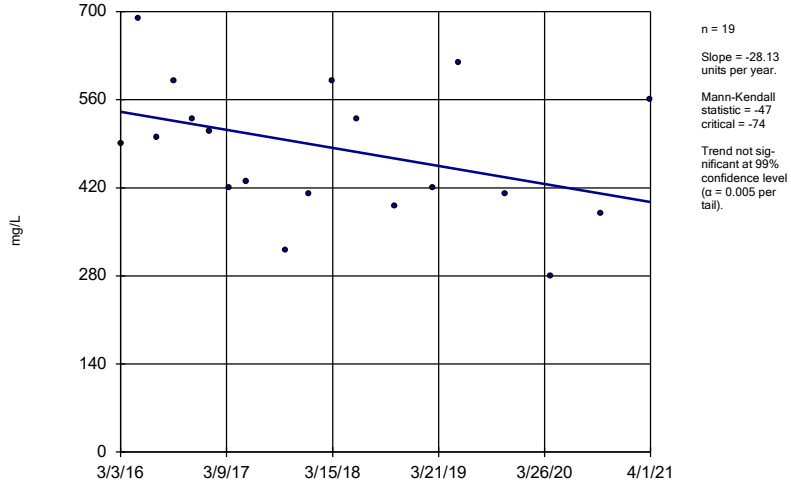
Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-308



n = 19

Slope = -28.13 units per year.

Mann-Kendall statistic = -47
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Confidence Intervals - 100, 200 & 300 Series

100 Series

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01444**	**0.006**	**Yes**	**17**	**0.005217**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.52**	**13.11**	**5**	**Yes**	**17**	**4.315**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.214**	**5.54**	**5**	**Yes**	**17**	**1.336**	**0**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.006004**	**0.00373**	**0.002**	**Yes**	**17**	**0.001815**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0005	0.00039	0.01	No	17	0.00002668	94.12	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	17	0.00042	82.35	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.007133	0.00258	0.01	No	17	0.003633	5.882	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0046	0.0035	0.01	No	17	0.001159	0	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.0011	0.00025	0.01	No	17	0.0001776	88.24	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.0005	0.0002	0.01	No	17	0.0001161	58.82	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.012	0.0085	2	No	17	0.001441	0	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.06013	0.04152	2	No	17	0.01485	0	No	0.01	Param.
Barium (mg/L)	MW-104	0.02536	0.02017	2	No	17	0.004146	0	No	0.01	Param.
Barium (mg/L)	MW-105	0.04739	0.03602	2	No	17	0.009074	0	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0096	2	No	17	0.001966	0	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.0225	0.01832	2	No	17	0.003337	0	No	0.01	Param.
Barium (mg/L)	MW-110	0.04593	0.03407	2	No	17	0.009467	0	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.00017	0.00011	0.004	No	17	0.00001455	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001174	0.0007686	0.004	No	17	0.0003234	0	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.00017	0.000044	0.004	No	17	0.00003056	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.00017	0.00013	0.004	No	17	0.00002245	88.24	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00052	0.00028	0.005	No	17	0.0001451	47.06	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.00028	0.000078	0.005	No	17	0.00004899	94.12	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.00032	0.00011	0.005	No	17	0.00004294	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.00037	0.1	No	17	0.0004715	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	17	0.001068	76.47	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.002168	0.001193	0.1	No	17	0.0006257	23.53	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002586	0.001944	0.1	No	17	0.0005123	5.882	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0019	0.001	0.1	No	17	0.0002183	94.12	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.016	0.001	0.1	No	17	0.003638	94.12	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0016	0.00042	0.1	No	17	0.0002545	82.35	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.00056	0.00023	0.006	No	17	0.0001218	88.24	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.00064	0.00044	0.006	No	17	0.0001789	64.71	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01444**	**0.006**	**Yes**	**17**	**0.005217**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.00087	0.00037	0.006	No	17	0.00009061	88.24	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.00061	0.00044	0.006	No	17	0.0001477	29.41	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-109	0.006158	0.003554	0.006	No	17	0.002078	0	No	0.01	Param.
Cobalt (mg/L)	MW-110	0.01209	0.005645	0.006	No	17	0.006468	0	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-102	1.797	1.204	5	No	17	0.5258	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.858	4.906	5	No	17	1.558	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.52**	**13.11**	**5**	**Yes**	**17**	**4.315**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.353	2.714	5	No	17	1.307	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.325	0.7503	5	No	17	0.5022	5.882	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	2.732	1.621	5	No	17	0.8868	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.214**	**5.54**	**5**	**Yes**	**17**	**1.336**	**0**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.037	0.032	4	No	18	0.04897	88.89	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3538	0.2483	4	No	19	0.09012	0	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.04	0.032	4	No	18	0.003968	66.67	No	0.01	NP (normality)
Fluoride (mg/L)	MW-110	0.04	0.032	4	No	18	0.003948	61.11	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.00029	0.00018	0.015	No	17	0.00004375	88.24	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00029	0.00011	0.015	No	17	0.00004366	94.12	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002386	0.001849	0.015	No	17	0.000429	0	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	17	0.0001584	88.24	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00029	0.015	No	17	0.00002425	94.12	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	17	0.0002493	76.47	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.00033	0.00029	0.015	No	17	0.00003223	70.59	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.0019	0.0014	0.04	No	17	0.0003016	82.35	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.0017	0.04	No	17	0.0005977	47.06	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.0339	0.02	0.04	No	17	0.01189	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.0019	0.00039	0.04	No	17	0.0003662	94.12	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0035	0.0012	0.04	No	17	0.001497	64.71	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006568	0.005109	0.04	No	17	0.001236	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.01145	0.0077	0.04	No	17	0.002995	0	No	0.01	Param.
Mercury (mg/L)	MW-102	0.000094	0.00007	0.002	No	17	0.000007971	88.24	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00012	0.00007	0.002	No	17	0.0001335	82.35	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001307	0.0007255	0.002	No	17	0.000514	0	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-106	0.00008	0.00007	0.002	No	17	0.000002425	94.12	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.00035	0.00007	0.002	No	17	0.0008245	70.59	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.006004**	**0.00373**	**0.002**	**Yes**	**17**	**0.001815**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-105	0.005433	0.003516	0.1	No	17	0.001685	5.882	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-102	0.001	0.00029	0.05	No	17	0.0002326	76.47	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.002851	0.001904	0.05	No	17	0.0007553	5.882	No	0.01	Param.

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Selenium (mg/L)	MW-104	0.01231	0.00544	0.05	No	17	0.005484	0	No	0.01	Param.
Selenium (mg/L)	MW-105	0.00082	0.0004	0.05	No	17	0.0002246	58.82	No	0.01	NP (normality)
Selenium (mg/L)	MW-109	0.00082	0.00024	0.05	No	17	0.0001994	88.24	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.00373	0.003176	0.05	No	17	0.0004418	0	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.00012	0.002	No	17	0.00002183	94.12	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.00015	0.000026	0.002	No	17	0.00002436	88.24	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.000337	0.0002395	0.002	No	17	0.0000778	0	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00024	0.00012	0.002	No	17	0.0000291	94.12	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.00012	0.00012	0.002	No	17	7.4e-13	94.12	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002968	0.0002361	0.002	No	17	0.00004847	0	No	0.01	Param.

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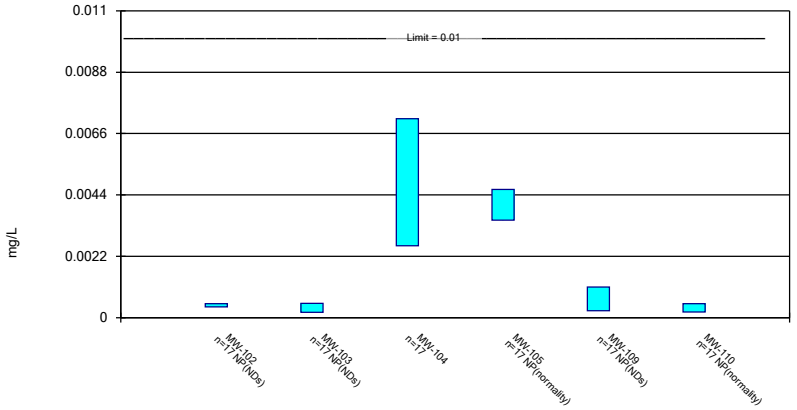
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

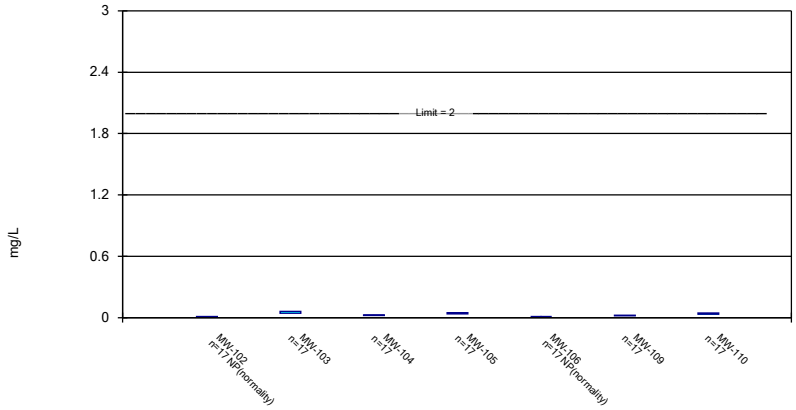


Constituent: Arsenic Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.

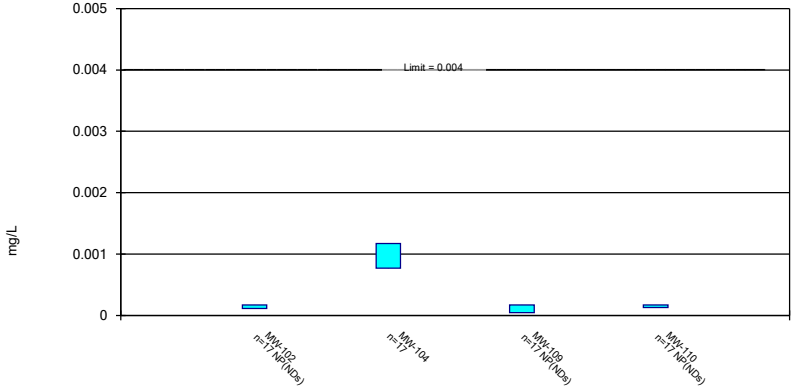


Constituent: Barium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.

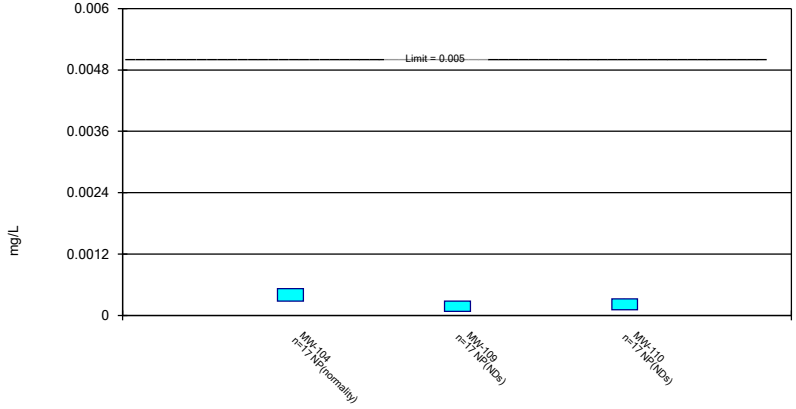


Constituent: Beryllium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

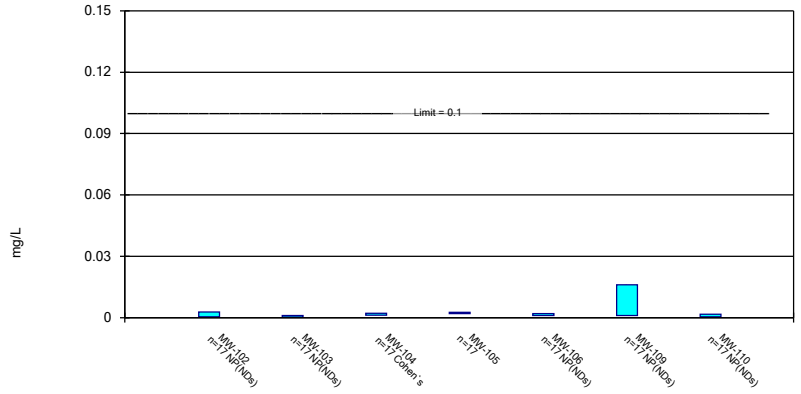


Constituent: Cadmium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



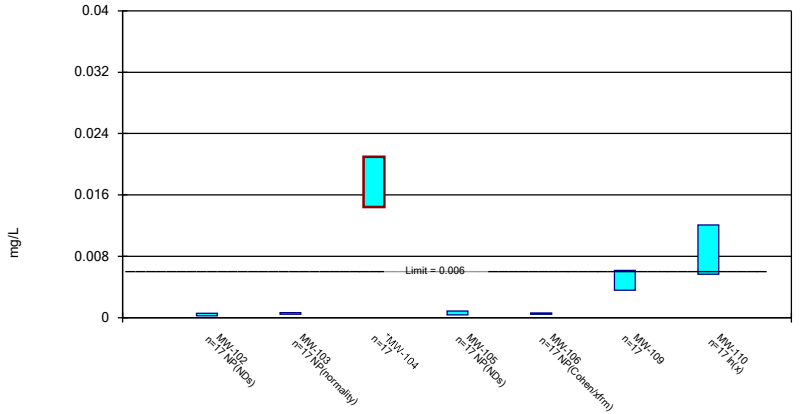
Constituent: Chromium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



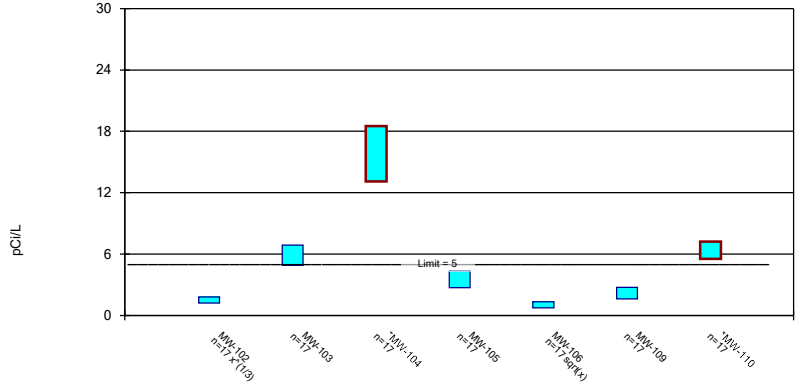
Constituent: Cobalt Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



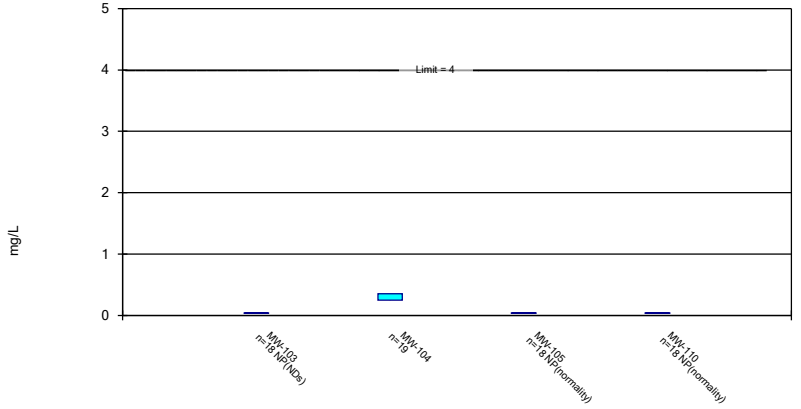
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



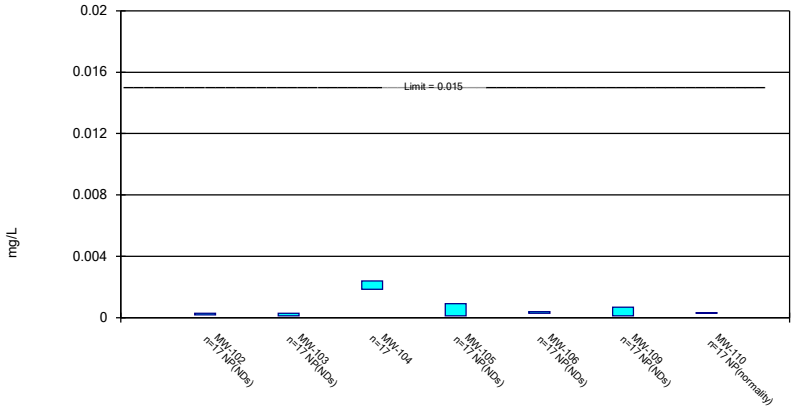
Constituent: Fluoride Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



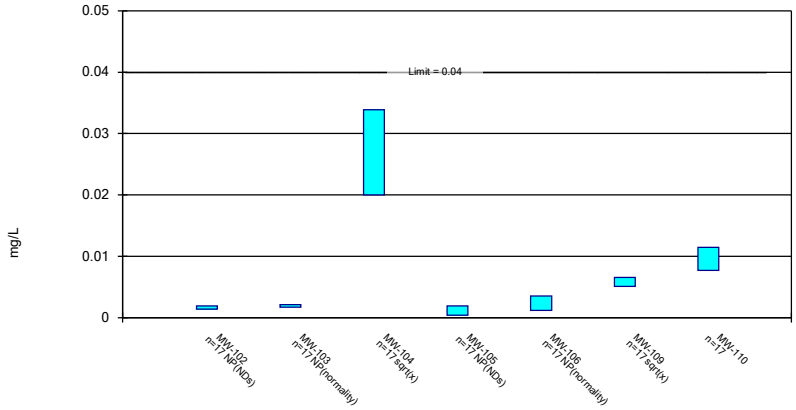
Constituent: Lead Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



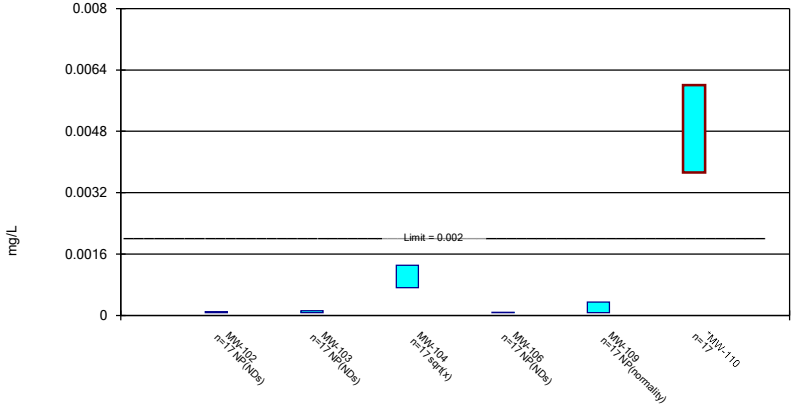
Constituent: Lithium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



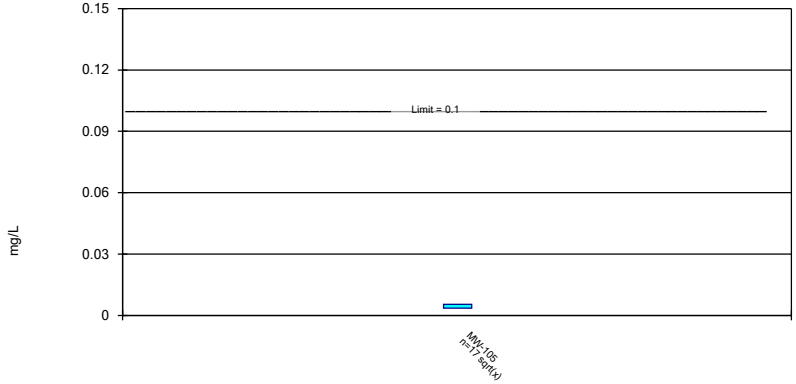
Constituent: Mercury Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

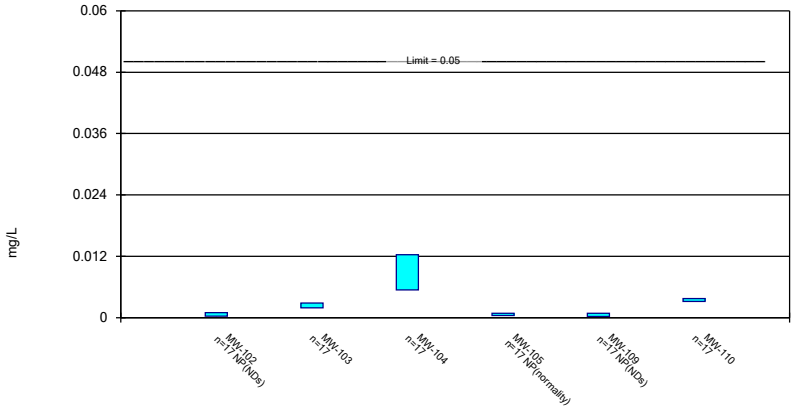


Constituent: Molybdenum Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center 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.

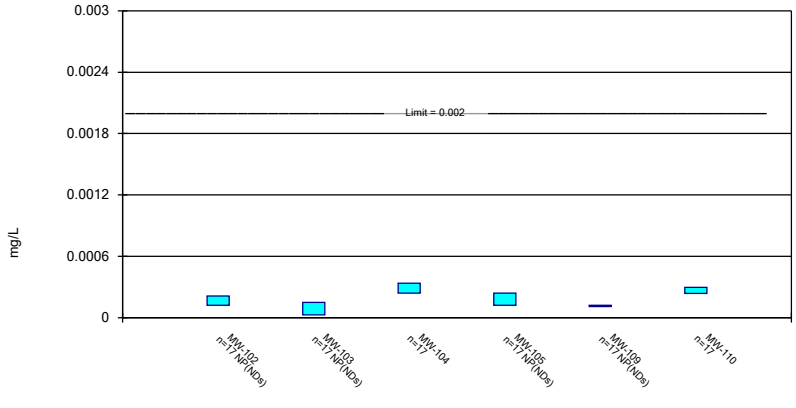


Constituent: Selenium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.00039	<0.00039	0.0085	0.0039 (J)		
3/2/2016					<0.00039	<0.00039
5/5/2016	<0.00039	<0.00039	0.0077	0.0039	<0.00039	0.00061 (J)
7/7/2016	<0.00039	<0.00039	0.0082	0.0037	<0.00039	<0.00039
9/6/2016	<0.00039					
9/7/2016		<0.00039	0.012	0.0032	<0.00039	<0.00039
11/9/2016			0.0071	0.0038		
11/10/2016	0.0005 (J)	0.00051 (J)			<0.00039	0.00047 (J)
1/11/2017			0.0071	0.0035		
1/12/2017	<0.00039	<0.00039			<0.00039	<0.00039
3/14/2017			0.0067	0.0036	<0.00039	
3/15/2017	<0.00039	<0.00039				<0.00039
5/18/2017	<0.00039	<0.00039	0.0087	0.0036	<0.00039	0.00051 (J)
3/14/2018	<0.00039	<0.00039	0.0027	0.0039	<0.00039	0.00056 (J)
6/10/2018			0.0047	0.0034		
6/11/2018	<0.00039	<0.00039			<0.00039	0.0005 (J)
10/18/2018		<0.00039	0.0019	0.0044	<0.00039	<0.00039
10/19/2018	<0.00039					
3/1/2019			<0.00039	0.0047	<0.00039	<0.00039
3/2/2019	<0.00039	<0.00039				
6/3/2019	<0.00039		0.003	0.0045	<0.00039	<0.00039
6/11/2019		<0.00039				
11/7/2019		0.00019 (J)	8.9E-05 (J)		0.00025 (V)	0.0002 (J)
11/9/2019	<0.00039			0.0045		
4/17/2020		<0.00039			<0.00039	0.00012 (J)
4/18/2020	<0.00039		0.0014	0.0054		
10/8/2020	<0.00039	0.0021	0.0019	0.0046		
10/9/2020					<0.00039	<0.00039
3/30/2021	<0.00039	<0.00039		0.0082		
3/31/2021			0.00048		0.0011	<0.00039
Mean	0.0003965	0.0004859	0.004856	0.004282	0.0004235	0.0004041
Std. Dev.	2.668E-05	0.00042	0.003633	0.001159	0.0001776	0.0001161
Upper Lim.	0.0005	0.00051	0.007133	0.0046	0.0011	0.0005
Lower Lim.	0.00039	0.00019	0.00258	0.0035	0.00025	0.0002

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	0.0081 (J)	0.055	0.017	0.043	0.016		
3/2/2016						0.022	0.058
5/4/2016					0.012		
5/5/2016	0.011	0.056	0.018	0.033		0.02	0.05
7/7/2016	0.012	0.055	0.02	0.042		0.021	0.044
7/8/2016					0.015		
9/6/2016	0.012						
9/7/2016		0.07	0.027	0.043	0.012	0.023	0.051
11/9/2016			0.022	0.046	0.01		
11/10/2016	0.0099	0.061				0.019	0.046
1/11/2017			0.03	0.042	0.01		
1/12/2017	0.0085	0.058				0.018	0.047
3/14/2017			0.02	0.038	0.0097	0.02	
3/15/2017	0.009	0.07					0.046
5/18/2017	0.0095	0.068	0.027	0.051	0.01	0.019	0.045
3/14/2018	0.0084	0.052	0.025	0.038	0.0096	0.017	0.036
6/10/2018			0.025	0.055	0.0089		
6/11/2018	0.0089	0.053				0.016	0.036
10/18/2018		0.052	0.021	0.035	0.0096	0.019	0.035
10/19/2018	0.0085						
3/1/2019			0.018	0.032	0.0095	0.018	0.036
3/2/2019	0.01	0.011					
6/3/2019	0.012		0.031	0.05	0.0098	0.017	0.04
6/11/2019		0.043					
11/7/2019		0.04	0.02			0.019	0.027
11/9/2019	0.011			0.06	0.011		
4/17/2020		0.05			0.012	0.026	0.032
4/18/2020	0.012		0.021	0.045			
10/8/2020	0.0086	0.037	0.022	0.028	0.0099		
10/9/2020						0.026	0.026
3/30/2021	0.0096	0.033		0.028	0.011		
3/31/2021			0.023			0.027	0.025
Mean	0.009941	0.05082	0.02276	0.04171	0.01094	0.02041	0.04
Std. Dev.	0.001441	0.01485	0.004146	0.009074	0.001966	0.003337	0.009467
Upper Lim.	0.012	0.06013	0.02536	0.04739	0.012	0.0225	0.04593
Lower Lim.	0.0085	0.04152	0.02017	0.03602	0.0096	0.01832	0.03407

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-104	MW-109	MW-110
3/1/2016	<0.00017	0.0013 (J)		
3/2/2016			<0.00017	<0.00017
5/5/2016	<0.00017	0.00088 (J)	<0.00017	<0.00017
7/7/2016	<0.00017	0.001 (J)	<0.00017	<0.00017
9/6/2016	<0.00017			
9/7/2016		0.00078 (J)	<0.00017	<0.00017
11/9/2016		0.0012 (J)		
11/10/2016	<0.00017		<0.00017	<0.00017
1/11/2017		0.0014 (J)		
1/12/2017	<0.00017		<0.00017	<0.00017
3/14/2017		0.0013 (J)	<0.00017	
3/15/2017	<0.00017			<0.00017
5/18/2017	<0.00017	0.0016 (J)	<0.00017	<0.00017
3/14/2018	<0.00017	0.0011 (J)	<0.00017	<0.00017
6/10/2018		0.0011 (J)		
6/11/2018	<0.00017		<0.00017	<0.00017
10/18/2018		0.00084 (J)	<0.00017	<0.00017
10/19/2018	<0.00017			
3/1/2019		0.00057 (J)	<0.00017	<0.00017
3/2/2019	<0.00017			
6/3/2019	<0.00017	0.00074 (J)	<0.00017	<0.00017
11/7/2019		0.00065	<0.00017	8.4E-05 (J)
11/9/2019	<0.00017			
4/17/2020			4.4E-05 (J)	0.00013 (J)
4/18/2020	0.00011 (J)	0.00096		
10/8/2020	<0.00017	0.00039 (J)		
10/9/2020			<0.00017	<0.00017
3/30/2021	<0.00017			
3/31/2021		0.0007	<0.00017	<0.00017
Mean	0.0001665	0.0009712	0.0001626	0.0001626
Std. Dev.	1.455E-05	0.0003234	3.056E-05	2.245E-05
Upper Lim.	0.00017	0.001174	0.00017	0.00017
Lower Lim.	0.00011	0.0007686	4.4E-05	0.00013

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-104	MW-109	MW-110
3/1/2016	<0.00028		
3/2/2016		<0.00028	<0.00028
5/5/2016	<0.00028	<0.00028	<0.00028
7/7/2016	<0.00028	<0.00028	<0.00028
9/7/2016	<0.00028	<0.00028	<0.00028
11/9/2016	<0.00028		
11/10/2016		<0.00028	<0.00028
1/11/2017	0.00049 (J)		
1/12/2017		<0.00028	<0.00028
3/14/2017	<0.00028	<0.00028	
3/15/2017			<0.00028
5/18/2017	<0.00028	<0.00028	<0.00028
3/14/2018	0.00052 (J)	<0.00028	<0.00028
6/10/2018	0.00049 (J)		
6/11/2018		<0.00028	<0.00028
10/18/2018	0.00044 (J)	<0.00028	<0.00028
3/1/2019	0.00038 (J)	<0.00028	<0.00028
6/3/2019	0.0006 (J)	<0.00028	<0.00028
11/7/2019	0.00075	7.8E-05 (J)	0.00032 (J)
4/17/2020		<0.00028	0.00011 (J)
4/18/2020	0.00037 (J)		
10/8/2020	<0.00028		
10/9/2020		<0.00028	<0.00028
3/31/2021	0.00056	<0.00028	<0.00028
Mean	0.0004024	0.0002681	0.0002724
Std. Dev.	0.0001451	4.899E-05	4.294E-05
Upper Lim.	0.00052	0.00028	0.00032
Lower Lim.	0.00028	7.8E-05	0.00011

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.001	<0.001	<0.001	0.0023 (J)	<0.001		
3/2/2016						<0.001	<0.001
5/4/2016					<0.001		
5/5/2016	<0.001	<0.001	0.0014 (J)	<0.001		<0.001	<0.001
7/7/2016	<0.001	<0.001	0.0014 (J)	0.002 (J)		<0.001	<0.001
7/8/2016					<0.001		
9/6/2016	<0.001						
9/7/2016		<0.001	0.0019 (J)	0.0029	<0.001	<0.001	<0.001
11/9/2016			0.0023 (J)	0.0025	<0.001		
11/10/2016	<0.001	<0.001				<0.001	<0.001
1/11/2017			0.0024 (J)	0.002 (J)	<0.001		
1/12/2017	<0.001	<0.001				<0.001	<0.001
3/14/2017			0.0023 (J)	0.0025	<0.001	<0.001	
3/15/2017	<0.001	<0.001					<0.001
5/18/2017	<0.001	<0.001	0.0023 (J)	0.002 (J)	<0.001	<0.001	<0.001
3/14/2018	<0.001	<0.001	0.0023 (J)	0.0022 (J)	<0.001	<0.001	<0.001
6/10/2018			0.0022 (J)	0.002 (J)	<0.001		
6/11/2018	<0.001	<0.001				<0.001	<0.001
10/18/2018		<0.001	0.0016 (J)	0.0029	<0.001	<0.001	<0.001
10/19/2018	<0.001						
3/1/2019			<0.001	0.0026	<0.001	<0.001	<0.001
3/2/2019	0.0028	0.0052					
6/3/2019	<0.001		0.0015 (J)	0.0022 (J)	<0.001	<0.001	<0.001
6/11/2019		0.0011 (J)					
11/7/2019		0.00028 (J)	<0.001			<0.001	0.00042 (J)
11/9/2019	0.00037 (J)			0.0022 (J)	<0.001		
4/17/2020		0.00026 (J)			<0.001	<0.001	0.0004 (J)
4/18/2020	<0.001		0.0016	0.0029			
10/8/2020	<0.001	<0.001	0.0031	0.0028	0.0019 (J)		
10/9/2020						<0.001	0.0016 (J)
3/30/2021	<0.001	<0.001		0.0015	<0.001		
3/31/2021			<0.001			0.016	<0.001
Mean	0.001069	0.001167	0.001782	0.002265	0.001053	0.001882	0.0009659
Std. Dev.	0.0004715	0.001068	0.0006257	0.0005123	0.0002183	0.003638	0.0002545
Upper Lim.	0.0028	0.0011	0.002168	0.002586	0.0019	0.016	0.0016
Lower Lim.	0.00037	0.00028	0.001193	0.001944	0.001	0.001	0.00042

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.00056	0.001 (J)	0.017	<0.00056	0.0007 (J)		
3/2/2016						0.00075 (J)	0.0047 (J)
5/4/2016					0.001 (J)		
5/5/2016	<0.00056	0.00064 (J)	0.012	<0.00056		0.0042	0.0047
7/7/2016	<0.00056	<0.00056	0.012	<0.00056		0.0043	0.0041
7/8/2016					0.00057 (J)		
9/6/2016	<0.00056						
9/7/2016		0.00044 (J)	0.018	<0.00056	0.00061 (J)	0.0049	0.0047
11/9/2016			0.022	<0.00056	0.00055 (J)		
11/10/2016	<0.00056	<0.00056				0.004	0.0043
1/11/2017			0.025	<0.00056	0.00045 (J)		
1/12/2017	<0.00056	<0.00056				0.0045	0.0048
3/14/2017			0.019	<0.00056	0.00059 (J)	0.0039	
3/15/2017	<0.00056	<0.00056					0.0066
5/18/2017	<0.00056	<0.00056	0.023	<0.00056	0.00059 (J)	0.005	0.0065
3/14/2018	<0.00056	<0.00056	0.014	<0.00056	0.00044 (J)	0.0038	0.012
6/10/2018			0.029	<0.00056	0.0004 (J)		
6/11/2018	<0.00056	<0.00056				0.0044	0.0096
10/18/2018		<0.00056	0.016	<0.00056	<0.00056	0.0036	0.025
10/19/2018	<0.00056						
3/1/2019			0.009	<0.00056	<0.00056	0.0052	0.02
3/2/2019	<0.00056	0.00041 (J)					
6/3/2019	<0.00056		0.015	<0.00056	<0.00056	0.0071	0.0053
6/11/2019		<0.00056					
11/7/2019		0.00015 (J)	0.022			0.0085	0.019
11/9/2019	0.00016 (J)			0.00087 (J)	0.00036 (J)		
4/17/2020		0.00021 (J)			0.00036 (J)	0.0089	0.013
4/18/2020	0.00023 (J)		0.013	0.00037 (J)			
10/8/2020	<0.00056	<0.00056	0.017	<0.00056	<0.00056		
10/9/2020						0.0072	0.015
3/30/2021	<0.00056	<0.00056		<0.00056	<0.00056		
3/31/2021			0.018			0.0023	0.0091
Mean	0.0005171	0.00053	0.01771	0.0005671	0.0005541	0.004856	0.009906
Std. Dev.	0.0001218	0.0001789	0.005217	9.061E-05	0.0001477	0.002078	0.006468
Upper Lim.	0.00056	0.00064	0.02097	0.00087	0.00061	0.006158	0.01209
Lower Lim.	0.00023	0.00044	0.01444	0.00037	0.00044	0.003554	0.005645

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	0.996	5.24	11.8	4.21	0.872		
3/2/2016						2.39	7.8
5/4/2016					<5		
5/5/2016	2.82	4.13	9.43	2.24		1.54	5.51
7/7/2016	1.58	7.01	13.8	3.28		2.17	7.65
7/8/2016					1.02		
9/6/2016	1.46						
9/7/2016		7.94	13.7	2.83	0.826	2.24	5.9
11/9/2016			16.9	4.28	1.17		
11/10/2016	1.92	7				2.69	5.04
1/11/2017			24.9	4.62	0.924		
1/12/2017	1.48	7.87				1.81	9.04
3/14/2017			15.5	2.28	0.889	1.74	
3/15/2017	1.41	7.1					6.46
5/18/2017	1.23	7.26	19.8	3	0.338	1.7	8.31
3/14/2018	1.64	7.02	13.1	2.82	0.789	1.99	7.06
6/10/2018			19.1	6.2	0.852		
6/11/2018	1.51	5.54				1.59	7.06
10/18/2018		5.59	12.1	2.89	1.05	1.77	7.22
10/19/2018	1						
3/1/2019			10.4	2.89	1.01	1.51	5.59
3/2/2019	1.5	1.69					
6/3/2019	2.67		19.1	4.84	1.33	0.42 (U)	4.73
6/11/2019		5.8					
11/7/2019		4.83	20.8			3.07	5.46
11/9/2019	1.31			6.06	0.663		
4/17/2020		5.33			0.604	2.45	4.26
4/18/2020	0.931		13.8	2.03			
10/8/2020	1.08	5.59	13.6	2.03	1.49		
10/9/2020						4	5.63
3/30/2021	1.46	5.05		3.57	1.8		
3/31/2021			21			3.92	5.69
Mean	1.529	5.882	15.81	3.534	1.066	2.176	6.377
Std. Dev.	0.5258	1.558	4.315	1.307	0.5022	0.8868	1.336
Upper Lim.	1.797	6.858	18.52	4.353	1.325	2.732	7.214
Lower Lim.	1.204	4.906	13.11	2.714	0.7503	1.621	5.54

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-103	MW-104	MW-105	MW-110
3/1/2016	0.037 (J)	0.46	0.041 (J)	
3/2/2016				0.039 (J)
5/5/2016	<0.032	0.27	<0.032	<0.032
7/7/2016	<0.032	0.29	<0.032	<0.032
9/7/2016	<0.032	0.33	<0.032	<0.032
11/9/2016		0.29	<0.032	
11/10/2016	<0.032			<0.032
1/11/2017		0.42	<0.032	
1/12/2017	<0.032			<0.032
3/14/2017		0.34	<0.032	
3/15/2017	<0.032			<0.032
5/18/2017	<0.032	0.47	<0.032	<0.032
10/5/2017		0.22	<0.032	
10/6/2017	<0.032			<0.032
12/19/2017		0.26 (R)		
3/14/2018	<0.032	0.3	<0.032	<0.032
6/10/2018		0.38	<0.032	
6/11/2018	<0.032			0.04 (J)
10/18/2018	<0.032	0.26	0.04 (J)	0.04 (J)
3/1/2019		0.1	<0.032	<0.032
3/2/2019	<0.032			
6/3/2019		0.22	0.04 (J)	0.04 (J)
6/11/2019	<0.032			
11/7/2019	<0.032	0.21		0.04 (J)
11/9/2019			<0.032	
4/17/2020	<0.032			0.04 (J)
4/18/2020		0.3	0.04 (J)	
10/8/2020	0.24	0.26	0.04 (J)	
10/9/2020				<0.032
3/30/2021	<0.032		0.04	
3/31/2021		0.34		0.04
Mean	0.04383	0.3011	0.03472	0.03506
Std. Dev.	0.04897	0.09012	0.003968	0.003948
Upper Lim.	0.037	0.3538	0.04	0.04
Lower Lim.	0.032	0.2483	0.032	0.032

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.00029	<0.00029	0.0018 (J)	<0.00029	<0.00029		
3/2/2016						<0.00029	<0.00029
5/4/2016					<0.00029		
5/5/2016	<0.00029	<0.00029	0.0015	<0.00029		<0.00029	<0.00029
7/7/2016	<0.00029	<0.00029	0.0018	<0.00029		<0.00029	<0.00029
7/8/2016					<0.00029		
9/6/2016	<0.00029						
9/7/2016		<0.00029	0.0024	<0.00029	<0.00029	<0.00029	<0.00029
11/9/2016			0.0023	<0.00029	<0.00029		
11/10/2016	<0.00029	<0.00029				<0.00029	<0.00029
1/11/2017			0.0027	<0.00029	<0.00029		
1/12/2017	<0.00029	<0.00029				<0.00029	<0.00029
3/14/2017			0.0024	<0.00029	<0.00029	<0.00029	
3/15/2017	<0.00029	<0.00029					<0.00029
5/18/2017	<0.00029	<0.00029	0.0029	<0.00029	<0.00029	<0.00029	<0.00029
3/14/2018	<0.00029	<0.00029	0.0023	<0.00029	<0.00029	<0.00029	<0.00029
6/10/2018			0.0024	<0.00029	<0.00029		
6/11/2018	<0.00029	<0.00029				<0.00029	<0.00029
10/18/2018		<0.00029	0.002	<0.00029	0.00039 (J)	<0.00029	<0.00029
10/19/2018	<0.00029						
3/1/2019			0.0012 (J)	<0.00029	<0.00029	<0.00029	<0.00029
3/2/2019	<0.00029	<0.00029					
6/3/2019	<0.00029		0.0018	0.00091 (J)	<0.00029	0.00067 (J)	0.00037 (J)
6/11/2019		<0.00029					
11/7/2019		0.00011 (J)	0.002			9.4E-05 (J)	0.0003 (J)
11/9/2019	0.00014 (J)			0.00012 (J)	<0.00029		
4/17/2020		<0.00029			<0.00029	0.00011 (J)	0.00033
4/18/2020	0.00018 (J)		0.0024	<0.00029			
10/8/2020	<0.00029	<0.00029	0.0019	<0.00029	<0.00029		
10/9/2020						0.0012 (J)	0.0003 (J)
3/30/2021	<0.00029	<0.00029		<0.00029	<0.00029		
3/31/2021			0.0022			<0.00029	0.0004
Mean	0.0002747	0.0002794	0.002118	0.0003165	0.0002959	0.0003438	0.0003047
Std. Dev.	4.375E-05	4.366E-05	0.000429	0.0001584	2.425E-05	0.0002493	3.223E-05
Upper Lim.	0.00029	0.00029	0.002386	0.00091	0.00039	0.00067	0.00033
Lower Lim.	0.00018	0.00011	0.001849	0.00012	0.00029	0.00011	0.00029

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.0019	<0.0019	0.057	<0.0019	<0.0019		
3/2/2016						0.0095 (J)	0.0082 (J)
5/4/2016					<0.0019		
5/5/2016	<0.0019	<0.0019	0.044	<0.0019		0.0059	0.0072
7/7/2016	<0.0019	<0.0019	0.04	<0.0019		0.006	0.0092
7/8/2016					<0.0019		
9/6/2016	<0.0019						
9/7/2016		<0.0019	0.033	<0.0019	0.0073	0.0049 (J)	0.0069
11/9/2016			0.035	<0.0019	<0.0019		
11/10/2016	<0.0019	<0.0019				0.0055	0.0045 (J)
1/11/2017			0.028	<0.0019	<0.0019		
1/12/2017	<0.0019	<0.0019				0.0045 (J)	0.0073
3/14/2017			0.037	<0.0019	0.0035 (J)	0.0069	
3/15/2017	<0.0019	0.0038 (J)					0.012
5/18/2017	<0.0019	<0.0019	0.024	<0.0019	<0.0019	0.0055	0.0084
3/14/2018	<0.0019	0.002 (J)	0.028	<0.0019	<0.0019	0.0059	0.012
6/10/2018			0.019	<0.0019	<0.0019		
6/11/2018	<0.0019	0.0015 (J)				0.0042 (J)	0.009
10/18/2018		0.0017 (J)	0.022	<0.0019	0.0012 (J)	0.0062	0.011
10/19/2018	0.0012 (J)						
3/1/2019			0.017	<0.0019	0.0012 (J)	0.0054	0.0077
3/2/2019	0.0014 (J)	0.0011 (J)					
6/3/2019	<0.0019		0.017	<0.0019	<0.0019	0.0054	0.0082
6/11/2019		0.0025 (J)					
11/7/2019		0.00097 (J)	0.019			0.0052	0.014
11/9/2019	0.0009 (J)			<0.0019	0.00068 (J)		
4/17/2020		0.0021			0.00043 (J)	0.0076	0.0092
4/18/2020	<0.0019		0.017	0.00039 (J)			
10/8/2020	<0.0019	<0.0019	0.017	<0.0019	<0.0019		
10/9/2020						0.0053	0.011
3/30/2021	<0.0019	0.002		<0.0019	<0.0019		
3/31/2021			0.015			0.0059	0.017
Mean	0.001771	0.001934	0.02759	0.001811	0.002071	0.005871	0.009576
Std. Dev.	0.0003016	0.0005977	0.01189	0.0003662	0.001497	0.001236	0.002995
Upper Lim.	0.0019	0.0021	0.0339	0.0019	0.0035	0.006568	0.01145
Lower Lim.	0.0014	0.0017	0.02	0.00039	0.0012	0.005109	0.0077

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-106	MW-109	MW-110
3/1/2016	<7E-05	<7E-05	0.00089	<7E-05		
3/2/2016					<7E-05	0.007
5/4/2016				<7E-05		
5/5/2016	<7E-05	<7E-05	0.00054		<7E-05	0.006
7/7/2016	<7E-05	<7E-05 (*)	0.00066 (V)		<7E-05 (*)	0.0053
7/8/2016				<7E-05 (*)		
9/6/2016	<7E-05					
9/7/2016		<7E-05	0.0016	<7E-05	<7E-05	0.0067
11/9/2016			0.0015	<7E-05		
11/10/2016	<7E-05	<7E-05			<7E-05	0.00014 (J)
1/11/2017			0.0025	<7E-05		
1/12/2017	<7E-05	<7E-05			<7E-05	0.0052
3/14/2017			0.0012	<7E-05	<7E-05	
3/15/2017	<7E-05	<7E-05 (*)				0.0048
5/18/2017	<7E-05	<7E-05	0.0014	<7E-05	<7E-05	0.0074
3/14/2018	9.4E-05 (J)	0.00012 (J)	0.0011	8E-05 (J)	9.7E-05 (J)	0.0059
6/10/2018			0.0014	<7E-05		
6/11/2018	<7E-05	<7E-05			<7E-05	0.0042
10/18/2018		<7E-05	0.00087	<7E-05	<7E-05	0.0034
10/19/2018	9.4E-05 (J)					
3/1/2019			0.00077	<7E-05	<7E-05	0.0041
3/2/2019	<7E-05	<7E-05				
6/3/2019	<7E-05		0.00054	<7E-05	<7E-05	0.0025
6/11/2019		<7E-05				
11/7/2019		<7E-05	0.00053		0.0012	0.0034
11/9/2019	<7E-05			<7E-05		
4/17/2020		0.00062		<7E-05	0.0032	0.0063
4/18/2020	<7E-05		0.00069			
10/8/2020	<7E-05	0.00016 (J)	0.00087	<7E-05		
10/9/2020					0.0014	0.0049
3/30/2021	<7E-05	<7E-05		<7E-05		
3/31/2021			0.00072		0.00035	0.0055
Mean	7.282E-05	0.0001106	0.001046	7.059E-05	0.0004169	0.004867
Std. Dev.	7.971E-06	0.0001335	0.000514	2.425E-06	0.0008245	0.001815
Upper Lim.	9.4E-05	0.00012	0.001307	8E-05	0.00035	0.006004
Lower Lim.	7E-05	7E-05	0.0007255	7E-05	7E-05	0.00373

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-105
3/1/2016	0.004 (J)
5/5/2016	0.0093 (J)
7/7/2016	0.0047 (J)
9/7/2016	0.004 (J)
11/9/2016	0.0037 (J)
1/11/2017	0.0052 (J)
3/14/2017	0.004 (J)
5/18/2017	0.0043 (J)
3/14/2018	0.0054 (J)
6/10/2018	0.0035 (J)
10/18/2018	0.0032 (J)
3/1/2019	0.0047 (J)
6/3/2019	0.0033 (J)
11/9/2019	0.0025 (J)
4/18/2020	0.003
10/8/2020	<0.015
3/30/2021	0.005
Mean	0.004547
Std. Dev.	0.001685
Upper Lim.	0.005433
Lower Lim.	0.003516

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.00082	0.0028 (J)	0.0054 (J)	<0.00082		
3/2/2016					<0.00082	0.0025 (J)
5/5/2016	0.00029 (J)	0.0026	0.0038	0.0003 (J)	<0.00082	0.0033
7/7/2016	<0.00082 (*)	0.0025	0.0043	<0.00082	<0.00082	0.0031
9/6/2016	<0.00082					
9/7/2016		0.0031	0.0099	0.00026 (J)	<0.00082	0.0034
11/9/2016			0.012	0.00038 (J)		
11/10/2016	<0.00082	0.0028			<0.00082	0.0038
1/11/2017			0.022	<0.00082		
1/12/2017	<0.00082	0.0028			<0.00082	0.0034
3/14/2017			0.011	<0.00082	<0.00082	
3/15/2017	<0.00082	0.0027				0.0032
5/18/2017	<0.00082	0.0036	0.018	<0.00082	<0.00082	0.0034
3/14/2018	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.00082	0.0038
6/10/2018			0.015	0.00043 (J)		
6/11/2018	0.00028 (J)	0.003			<0.00082	0.0037
10/18/2018		0.0016	0.0049	<0.00082	<0.00082	0.0033
10/19/2018	<0.00082					
3/1/2019			0.0026	<0.00082	<0.00082	0.0033
3/2/2019	<0.00082	<0.00082				
6/3/2019	<0.00082		0.0039	<0.00082	<0.00082	0.0035
6/11/2019		0.0014				
11/7/2019		0.002	0.0085		0.00024 (J)	0.0034
11/9/2019	<0.00082			0.00041		
4/17/2020		0.0022			0.0002 (J)	0.0039
4/18/2020	0.00019 (J)		0.0084	0.0004		
10/8/2020	<0.00082	0.0014	0.0045	<0.00082		
10/9/2020					<0.00082	0.0031
3/30/2021	<0.00082	0.0019		<0.00082		
3/31/2021			0.011		<0.00082	0.0046
Mean	0.0007306	0.002378	0.008876	0.0006459	0.0007494	0.003453
Std. Dev.	0.0002326	0.0007553	0.005484	0.0002246	0.0001994	0.0004418
Upper Lim.	0.001	0.002851	0.01231	0.00082	0.00082	0.00373
Lower Lim.	0.00029	0.001904	0.00544	0.0004	0.00024	0.003176

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 6/17/2021 5:44 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.00012	<0.00012	0.00043 (J)	<0.00012		
3/2/2016					<0.00012	0.00018 (J)
5/5/2016	<0.00012	<0.00012	0.0003 (J)	<0.00012	<0.00012	0.00024 (J)
7/7/2016	<0.00012	<0.00012	0.00028 (J)	<0.00012	<0.00012	0.00025 (J)
9/6/2016	<0.00012					
9/7/2016		<0.00012	0.00028 (J)	<0.00012	<0.00012	0.00023 (J)
11/9/2016			0.0003 (J)	<0.00012		
11/10/2016	<0.00012	<0.00012			<0.00012	0.0002 (J)
1/11/2017			0.00032 (J)	<0.00012		
1/12/2017	<0.00012	<0.00012			<0.00012	0.00026 (J)
3/14/2017			0.00032 (J)	<0.00012	<0.00012	
3/15/2017	<0.00012	<0.00012				0.0003 (J)
5/18/2017	<0.00012	<0.00012	0.0004 (J)	<0.00012	<0.00012	0.00028 (J)
3/14/2018	<0.00012	<0.00012	0.00021 (J)	<0.00012	<0.00012	0.00029 (J)
6/10/2018			0.00033 (J)	<0.00012		
6/11/2018	<0.00012	<0.00012			<0.00012	0.00029 (J)
10/18/2018		<0.00012	0.00021 (J)	<0.00012	<0.00012	0.00031 (J)
10/19/2018	<0.00012					
3/1/2019			0.00013 (J)	<0.00012	<0.00012	0.0003 (J)
3/2/2019	<0.00012	<0.00012				
6/3/2019	<0.00012		0.00016 (J)	<0.00012	<0.00012	0.0002 (J)
6/11/2019		<0.00012				
11/7/2019		2.6E-05 (J)	0.00025		<0.00012	0.00024 (J)
11/9/2019	0.00021 (J)			0.00024 (J)		
4/17/2020		<0.00012			<0.00012	0.00031
4/18/2020	<0.00012		0.00033	<0.00012		
10/8/2020	<0.00012	0.00015 (J)	0.00034 (J)	<0.00012		
10/9/2020					0.00012 (J)	0.00037 (J)
3/30/2021	<0.00012	<0.00012		<0.00012		
3/31/2021			0.00031		<0.00012	0.00028
Mean	0.0001253	0.0001162	0.0002882	0.0001271	0.00012	0.0002665
Std. Dev.	2.183E-05	2.436E-05	7.78E-05	2.91E-05	7.4E-13	4.847E-05
Upper Lim.	0.00021	0.00015	0.000337	0.00024	0.00012	0.0002968
Lower Lim.	0.00012	2.6E-05	0.0002395	0.00012	0.00012	0.0002361

200 Series

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**16.56**	**7.859**	**5**	**Yes**	**17**	**6.946**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**17**	**7.897**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.36**	**5**	**Yes**	**17**	**12.13**	**0**	**No**	**0.01**	**NP (normality)**

Confidence Interval Summary Table - 200 Series - All Results

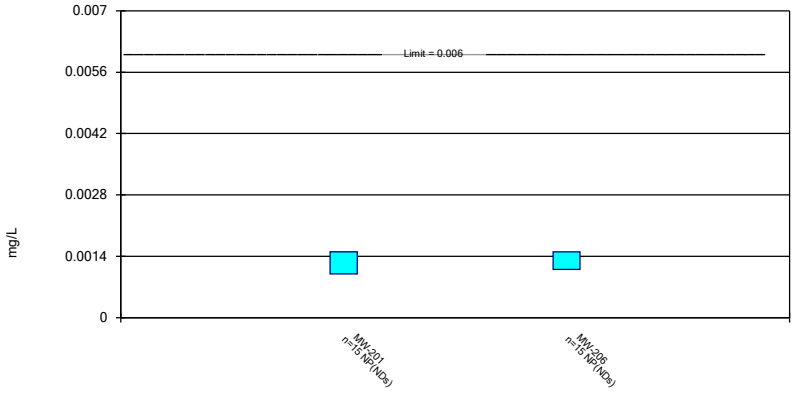
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0015	0.001	0.006	No	15	0.0001759	86.67	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0015	0.0011	0.006	No	15	0.0001033	93.33	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.0038	0.00044	0.01	No	17	0.001812	17.65	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-201	0.0043	0.00039	0.01	No	17	0.003224	41.18	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.009226	0.002255	0.01	No	17	0.006424	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.06292	0.03591	2	No	17	0.02155	0	No	0.01	Param.
Barium (mg/L)	MW-201	0.06681	0.03696	2	No	17	0.02382	0	No	0.01	Param.
Barium (mg/L)	MW-206	0.1061	0.05978	2	No	17	0.03697	0	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	17	0.0005678	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	17	0.0005672	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.00042	0.000041	0.004	No	17	0.0001325	76.47	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	16	0.0007864	75	No	0.01	NP (normality)
Cadmium (mg/L)	MW-201	0.014	0.0017	0.005	No	17	0.00562	5.882	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0027	0.00055	0.005	No	17	0.001076	5.882	No	0.01	NP (normality)
Chromium (mg/L)	MW-201	0.0011	0.001	0.1	No	14	0.0002134	85.71	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.001	0.1	No	14	0.0004276	92.86	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0019	0.0012	0.006	No	17	0.0006114	23.53	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-201	0.002852	0.001449	0.006	No	17	0.001292	5.882	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004596	0.002271	0.006	No	17	0.001855	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**16.56**	**7.859**	**5**	**Yes**	**17**	**6.946**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**17**	**7.897**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.36**	**5**	**Yes**	**17**	**12.13**	**0**	**No**	**0.01**	**NP (normality)**
Fluoride (mg/L)	MW-200	0.088	0.05	4	No	18	0.05882	22.22	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7422	0.4873	4	No	19	0.2177	0	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08039	0.05139	4	No	19	0.02582	5.263	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001359	0.0007229	0.015	No	17	0.000508	11.76	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00057	0.015	No	17	0.0003817	64.71	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.0092	0.001	0.015	No	17	0.004062	0	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.0024	0.0012	0.04	No	17	0.001976	76.47	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0069	0.0024	0.04	No	17	0.007635	11.76	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.0029	0.0014	0.04	No	17	0.0003295	82.35	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002188	0.0009322	0.002	No	17	0.001002	0	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00029	0.002	No	17	0.001049	0	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.00064	0.000035	0.002	No	17	0.000302	29.41	No	0.01	NP (Cohens/xfrm)
Molybdenum (mg/L)	MW-200	0.0078	0.0045	0.1	No	15	0.0008521	93.33	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.0045	0.0015	0.1	No	15	0.0007746	93.33	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.0045	0.00092	0.1	No	15	0.0009244	93.33	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01117	0.004761	0.05	No	17	0.005721	0	ln(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01086	0.003876	0.05	No	17	0.005761	0	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-206	0.01833	0.01209	0.05	No	17	0.004974	0	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0004	0.00006	0.002	No	17	0.0001653	29.41	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.0003926	0.0001903	0.002	No	17	0.000166	0	sqrt(x)	0.01	Param.
Thallium (mg/L)	MW-206	0.00089	0.00023	0.002	No	17	0.0003114	0	No	0.01	NP (normality)

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

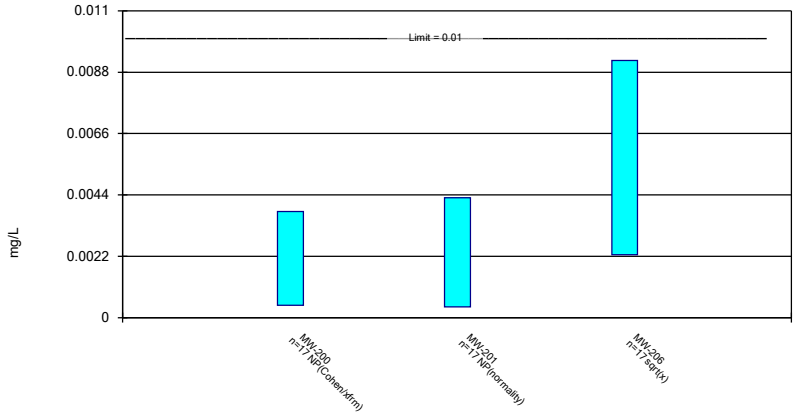


Constituent: Antimony Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.

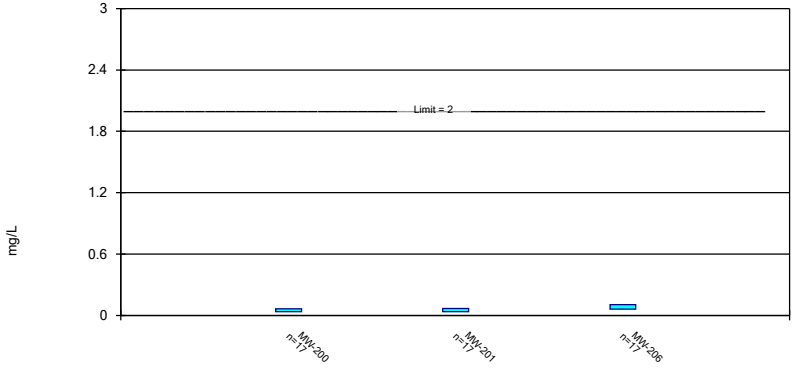


Constituent: Arsenic Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

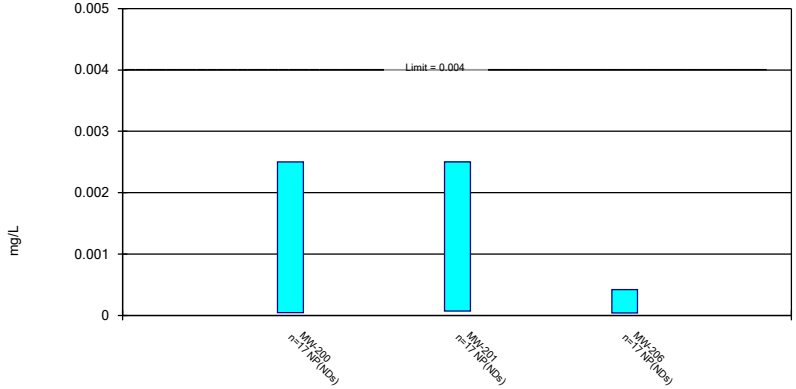


Constituent: Barium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

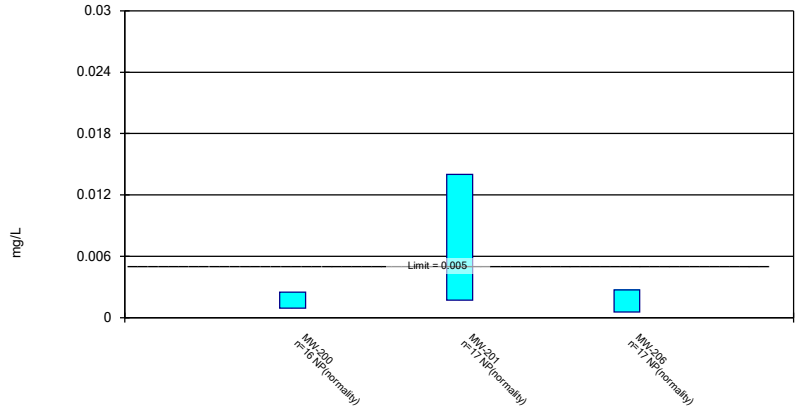


Constituent: Beryllium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

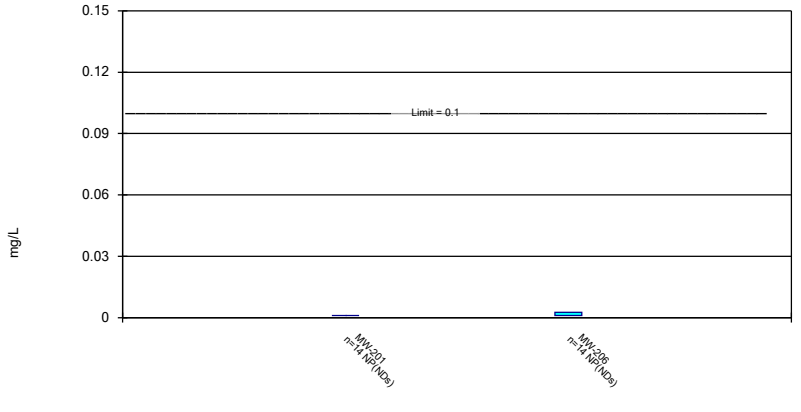


Constituent: Cadmium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

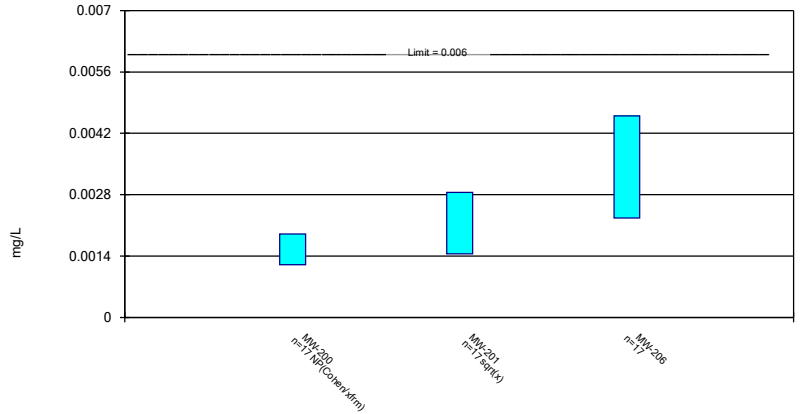


Constituent: Chromium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.

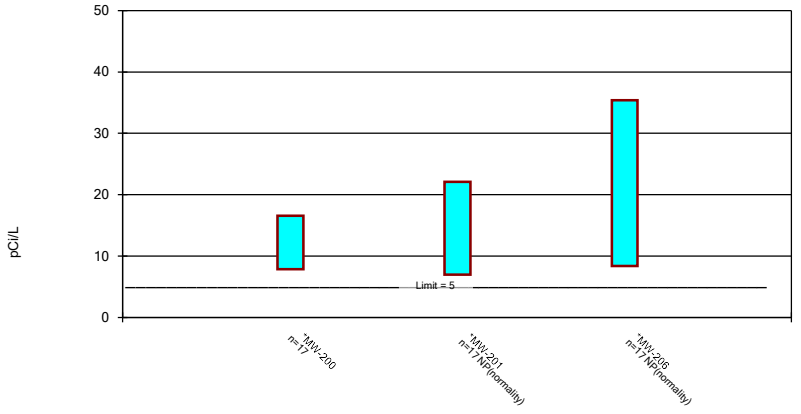


Constituent: Cobalt Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.

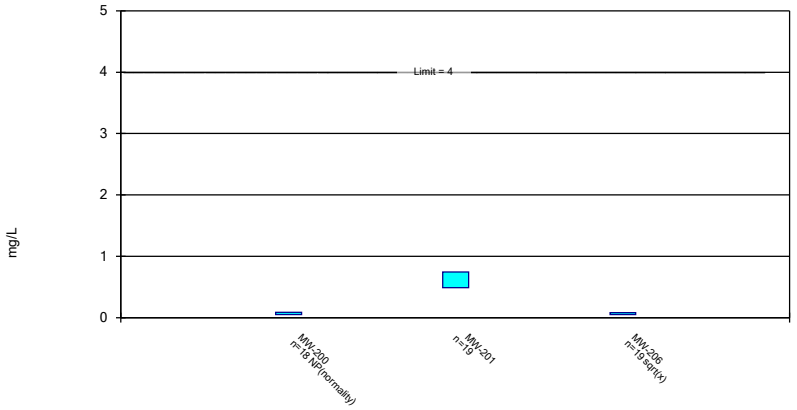


Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



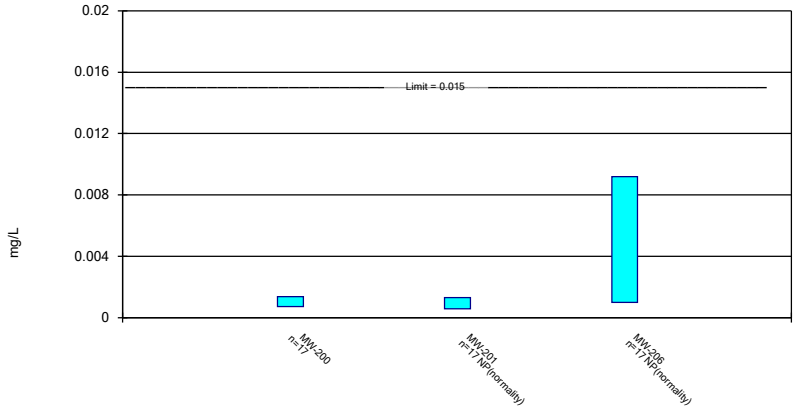
Constituent: Fluoride Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



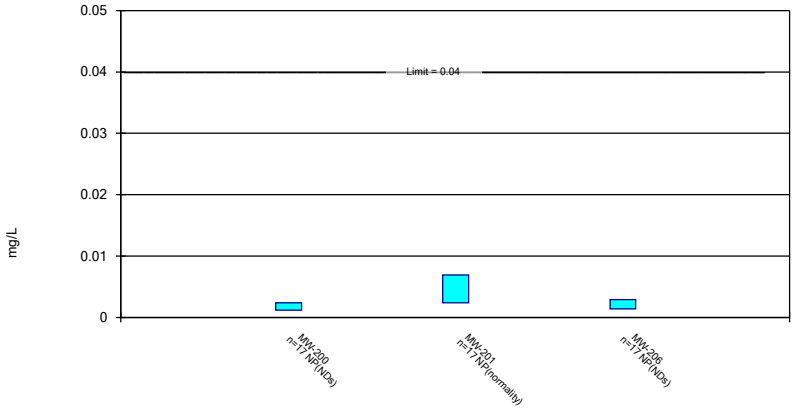
Constituent: Lead Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



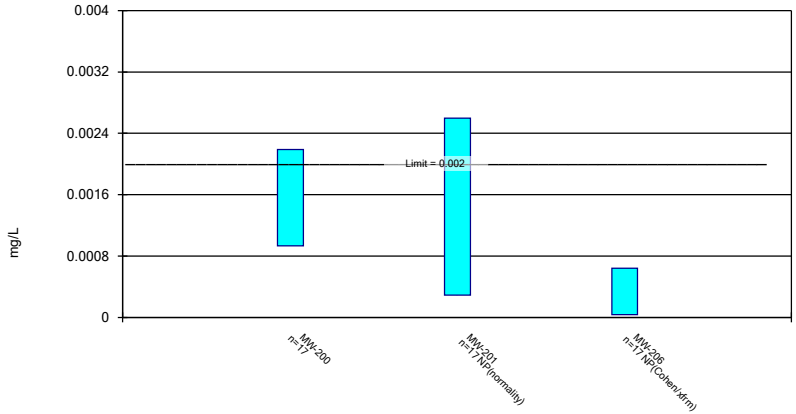
Constituent: Lithium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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.



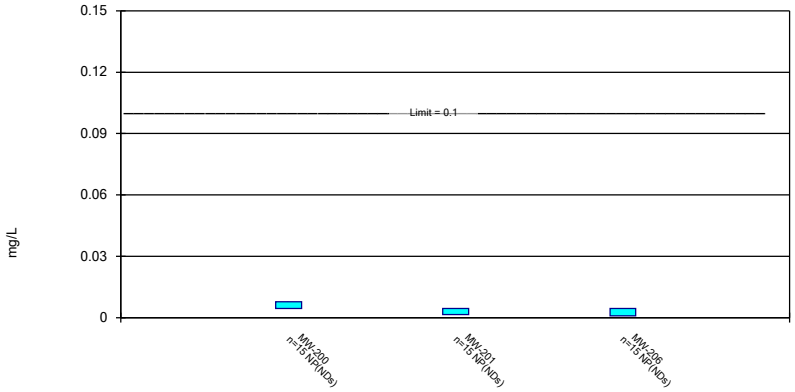
Constituent: Mercury Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

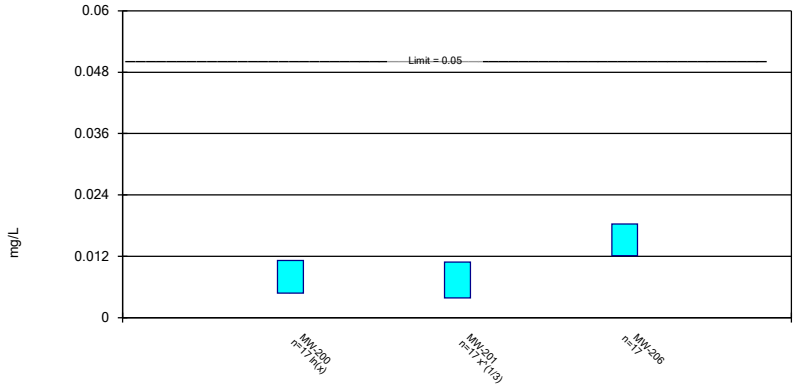


Constituent: Molybdenum Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

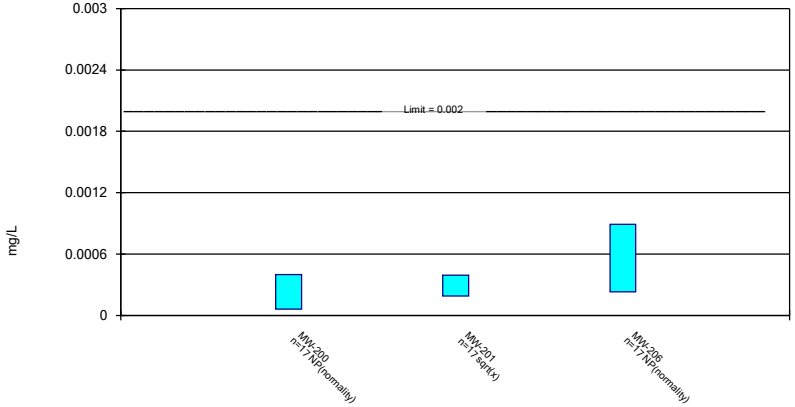


Constituent: Selenium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . 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 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206
3/2/2016	<0.0015	<0.0015
5/3/2016		<0.0015
5/4/2016	0.001 (J)	
7/5/2016		<0.0015
7/6/2016	<0.0015	
9/8/2016	<0.0015	<0.0015
11/8/2016	<0.0015	
11/9/2016		<0.0015
1/12/2017		<0.0015
1/13/2017	<0.0015	
3/16/2017	<0.0015	
3/17/2017		<0.0015
5/17/2017	<0.0015	<0.0015
3/14/2018	<0.0015	0.0011 (J)
6/8/2018		<0.0015
6/9/2018	<0.0015	
10/17/2018		<0.0015
11/14/2018	0.001 (J)	
2/28/2019		<0.0015
3/5/2019	<0.0015	
4/18/2020		<0.0015
4/22/2020	<0.0015	
10/12/2020	<0.0015	<0.0015
4/1/2021	<0.0015	<0.0015
Mean	0.001433	0.001473
Std. Dev.	0.0001759	0.0001033
Upper Lim.	0.0015	0.0015
Lower Lim.	0.001	0.0011

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.0059 (J)	0.0033 (J)	0.021
5/3/2016	0.0038		0.016
5/4/2016		0.0068	
7/5/2016	0.0051		0.017
7/6/2016		0.01	
9/8/2016	0.0042 (J)	0.0093	0.011
11/8/2016		0.0043 (J)	
11/9/2016	<0.00039		0.011
1/12/2017	0.00068 (J)		0.0062
1/13/2017		0.0034	
3/16/2017		0.0023	
3/17/2017	0.0029		0.0078
5/16/2017	0.0018		
5/17/2017		0.0009 (J)	0.0052
3/13/2018	0.0013		
3/14/2018		0.00062 (J)	0.0033
6/8/2018	0.0018		0.003
6/9/2018		0.00063 (J)	
10/17/2018			0.0028
11/13/2018	0.00072 (J)		
11/14/2018		<0.00039	
2/28/2019	0.00067 (J)		0.00089 (J)
3/5/2019		<0.00039	
6/4/2019	0.00048 (J)	<0.00039	0.001 (J)
11/12/2019	0.0011 (J)	<0.00039	0.0022 (V)
4/18/2020	0.00044		0.00086
4/22/2020		<0.00039	
10/12/2020	<0.00039	<0.00039	0.0017
4/1/2021	<0.00039	<0.00039	0.00064
Mean	0.001886	0.002605	0.006564
Std. Dev.	0.001812	0.003224	0.006424
Upper Lim.	0.0038	0.0043	0.009226
Lower Lim.	0.00044	0.00039	0.002255

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.089	0.064	0.13
5/3/2016	0.076		0.11
5/4/2016		0.078	
7/5/2016	0.068		0.12
7/6/2016		0.081	
9/8/2016	0.078	0.095	0.13
11/8/2016		0.083	
11/9/2016	0.051		0.12
1/12/2017	0.036		0.1
1/13/2017		0.071	
3/16/2017		0.06	
3/17/2017	0.061		0.12
5/16/2017	0.061		
5/17/2017		0.036	0.11
3/13/2018	0.042		
3/14/2018		0.03	0.079
6/8/2018	0.057		0.07
6/9/2018		0.029	
10/17/2018			0.059
11/13/2018	0.048		
11/14/2018		0.028	
2/28/2019	0.045		0.048
3/5/2019		0.035	
6/4/2019	0.04	0.04	0.048
11/12/2019	0.0071	0.011	0.0081
4/18/2020	0.025		0.056
4/22/2020		0.048	
10/12/2020	0.025	0.038	0.051
4/1/2021	0.031	0.055	0.051
Mean	0.04942	0.05188	0.08295
Std. Dev.	0.02155	0.02382	0.03697
Upper Lim.	0.06292	0.06681	0.1061
Lower Lim.	0.03591	0.03696	0.05978

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	<0.00017	<0.00017	0.00055 (J)
5/3/2016	<0.00017		<0.00017
5/4/2016		<0.00017	
7/5/2016	<0.00017		0.00048 (J)
7/6/2016		<0.00017	
9/8/2016	<0.00017	<0.00017	<0.00017
11/8/2016		<0.00017	
11/9/2016	<0.00017		<0.00017
1/12/2017	<0.00017		<0.00017
1/13/2017		<0.00017	
3/16/2017		<0.00017	
3/17/2017	<0.00017		0.00042 (J)
5/16/2017	<0.00017		
5/17/2017		<0.00017	<0.00017
3/13/2018	<0.00017		
3/14/2018		<0.00017	<0.00017
6/8/2018	<0.00017		<0.00017
6/9/2018		<0.00017	
10/17/2018			<0.00017
11/13/2018	<0.0025 (J3)		
11/14/2018		<0.0025 (J3)	
2/28/2019	<0.00017		<0.00017
3/5/2019		<0.00017	
6/4/2019	<0.00017	<0.00017	<0.00017
11/12/2019	<0.00017	<0.00017	<0.00017
4/18/2020	4.5E-05 (J)		4.1E-05 (J)
4/22/2020		6.9E-05 (J)	
10/12/2020	<0.00017	<0.00017	<0.00017
4/1/2021	<0.00017	<0.00017	<0.00017
Mean	0.0002997	0.0003011	0.0002177
Std. Dev.	0.0005678	0.0005672	0.0001325
Upper Lim.	0.0025	0.0025	0.00042
Lower Lim.	4.5E-05	6.9E-05	4.1E-05

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.022 (o)	<0.0025	0.0031 (J)
5/3/2016	<0.0025		0.0025
5/4/2016		0.014	
7/5/2016	<0.0025		0.0026
7/6/2016		0.015	
9/8/2016	<0.0025	0.015	0.0026 (J)
11/8/2016		0.014	
11/9/2016	<0.0025		0.0032 (J)
1/12/2017	<0.0025		0.0031
1/13/2017		0.013	
3/16/2017		0.0084	
3/17/2017	<0.0025		0.0027
5/16/2017	<0.0025		
5/17/2017		0.0044	0.0024 (J)
3/13/2018	0.00039 (J)		
3/14/2018		0.0032	0.0014 (J)
6/8/2018	<0.0025		0.0014 (J)
6/9/2018		0.0029	
10/17/2018			0.00088 (J)
11/13/2018	<0.0025		
11/14/2018		0.0021 (J)	
2/28/2019	<0.0025		0.00065 (J)
3/5/2019		0.0023 (J)	
6/4/2019	<0.0025	0.0017 (J)	0.00035 (J)
11/12/2019	0.00061 (J)	0.002 (J)	0.00055 (J)
4/18/2020	0.00091		0.00029 (J)
4/22/2020		0.0013	
10/12/2020	<0.0025	0.0015 (J)	<0.0025
4/1/2021	0.0012	0.0012	0.00065
Mean	0.002069	0.006147	0.001816
Std. Dev.	0.0007864	0.00562	0.001076
Upper Lim.	0.0025	0.014	0.0027
Lower Lim.	0.00091	0.0017	0.00055

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206
3/2/2016	<0.001	0.0026 (J)
5/3/2016		<0.001
5/4/2016	<0.001	
7/5/2016		<0.001
7/6/2016	<0.001	
9/8/2016	<0.001	<0.001
11/8/2016	<0.001	
11/9/2016		<0.001
1/12/2017		<0.001
1/13/2017	<0.001	
3/16/2017	<0.001	
3/17/2017		<0.001
5/17/2017	<0.001	<0.001
3/14/2018	<0.001	<0.001
6/8/2018		<0.001
6/9/2018	<0.001	
2/28/2019		<0.001
3/5/2019	<0.001	
4/18/2020		<0.001
4/22/2020	<0.001	
10/12/2020	0.0011 (J)	<0.001
4/1/2021	0.0018	<0.001
Mean	0.001064	0.001114
Std. Dev.	0.0002134	0.0004276
Upper Lim.	0.0011	0.0026
Lower Lim.	0.001	0.001

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.0024 (J)	0.0013 (J)	0.0074 (J)
5/3/2016	0.0015 (J)		0.0051
5/4/2016		0.0026	
7/5/2016	0.0015 (J)		0.0055
7/6/2016		0.0033	
9/8/2016	<0.0025	0.0038 (J)	0.0056 (J)
11/8/2016		0.0035 (J)	
11/9/2016	<0.0025		0.0057 (J)
1/12/2017	0.00056 (J)		0.0044
1/13/2017		0.006	
3/16/2017		0.0021 (J)	
3/17/2017	0.0012 (J)		0.0027
5/16/2017	0.0013 (J)		
5/17/2017		0.0021 (J)	0.0035
3/13/2018	0.0011 (J)		
3/14/2018		0.0022 (J)	0.0027
6/8/2018	0.0028		0.0029
6/9/2018		0.0016 (J)	
10/17/2018			0.0027
11/13/2018	0.0019 (J)		
11/14/2018		0.0016 (J)	
2/28/2019	0.0024 (J)		0.0022 (J)
3/5/2019		0.0017 (J)	
6/4/2019	0.0013 (J)	0.0014 (J)	0.0018 (J)
11/12/2019	<0.0025	<0.0025	0.00067 (J)
4/18/2020	0.00048 (J)		0.0016
4/22/2020		0.00091	
10/12/2020	<0.0025	0.0014 (J)	0.0019 (J)
4/1/2021	0.0013	0.0012	0.002
Mean	0.001455	0.002233	0.003434
Std. Dev.	0.0006114	0.001292	0.001855
Upper Lim.	0.0019	0.002852	0.004596
Lower Lim.	0.0012	0.001449	0.002271

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	22.9	22.1	36.5
5/3/2016	23.6		35.5
5/4/2016		19.9	
7/5/2016	23.6		32.9
7/6/2016		28.5	
9/8/2016	20.8	20.1	23
11/8/2016		24.6	
11/9/2016	7.46		40.5
1/12/2017	11.2		35.4
1/13/2017		22.8	
3/16/2017		12.2	
3/17/2017	14.3		27.7
5/16/2017	16.9		
5/17/2017		7.05	26.4
3/13/2018	10.9		
3/14/2018		6.95	17.7
6/8/2018	10.6		15.3
6/9/2018		6.52	
10/17/2018			12.6
11/13/2018	9.09		
11/14/2018		5.66	
2/28/2019	9.7		8.04
3/5/2019		8.11	
6/4/2019	7.7	5.89	8.36
11/12/2019	6.4	8.32	7.14
4/18/2020	2.42		7.03
4/22/2020		7.2	
10/12/2020	4.51	7.02	9.54
4/1/2021	5.51	9.55	9.3
Mean	12.21	13.09	20.76
Std. Dev.	6.946	7.897	12.13
Upper Lim.	16.56	22.1	35.4
Lower Lim.	7.859	6.95	8.36

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.088 (J)	0.54	0.074 (J)
5/3/2016	0.05 (J)		0.05 (J)
5/4/2016		0.41	
7/5/2016	0.07 (J)		0.05 (J)
7/6/2016		0.49	
9/8/2016	0.07 (J)	0.57	0.05 (J)
11/8/2016		0.47	
11/9/2016	0.06 (J)		0.04 (J)
1/12/2017	<0.1		0.04 (J)
1/13/2017		0.73	
3/16/2017		0.92	
3/17/2017	0.05 (J)		0.04 (J)
5/16/2017	0.06 (J)		
5/17/2017		0.77	0.06 (J)
10/3/2017			0.11
10/4/2017	0.08 (J)	0.96	
12/20/2017		0.88 (R)	0.08 (I)
3/13/2018	0.05 (J)		
3/14/2018		0.84	0.08 (J)
6/8/2018	0.13		0.1
6/9/2018		0.78	
10/17/2018			0.12
11/13/2018	0.1		
11/14/2018		0.67	
2/28/2019	0.3		0.1
3/5/2019		0.64	
6/4/2019	<0.1	0.09 (J)	0.08 (J)
11/12/2019	0.072 (J)	0.57	0.045 (J)
4/18/2020	<0.1		<0.1
4/22/2020		0.39	
10/12/2020	<0.1	0.46	0.04 (J)
4/1/2021	0.07	0.5	0.07
Mean	0.08056	0.6147	0.06732
Std. Dev.	0.05882	0.2177	0.02582
Upper Lim.	0.088	0.7422	0.08039
Lower Lim.	0.05	0.4873	0.05139

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	<0.0013	<0.0013	0.011
5/3/2016	0.0015		0.0087
5/4/2016		<0.0013	
7/5/2016	0.0017		0.011
7/6/2016		<0.0013	
9/8/2016	0.0021 (J)	<0.0013	0.0092
11/8/2016		<0.0013	
11/9/2016	<0.0013		0.01
1/12/2017	0.00041 (J)		0.0086
1/13/2017		<0.0013	
3/16/2017		<0.0013	
3/17/2017	0.0011 (J)		0.0082
5/16/2017	0.0011 (J)		
5/17/2017		<0.0013	0.0081
3/13/2018	0.00047 (J)		
3/14/2018		<0.0013	0.004
6/8/2018	0.0013		0.0034
6/9/2018		<0.0013	
10/17/2018			0.0026
11/13/2018	0.0014		
11/14/2018		<0.0013	
2/28/2019	0.0012 (J)		0.0019
3/5/2019		0.00037 (J)	
6/4/2019	0.00079 (J)	0.00065 (J)	0.0011 (J)
11/12/2019	0.00069 (J)	0.00061 (J)	0.001 (J)
4/18/2020	0.00042		0.00057
4/22/2020		0.0005	
10/12/2020	0.00034 (J)	0.0005 (J)	0.00085 (J)
4/1/2021	0.00058	0.00057	0.00076
Mean	0.001041	0.001029	0.005352
Std. Dev.	0.000508	0.0003817	0.004062
Upper Lim.	0.001359	0.0013	0.0092
Lower Lim.	0.0007229	0.00057	0.001

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.01 (J)	<0.0019	<0.0019
5/3/2016	<0.0019		<0.0019
5/4/2016		0.0069	
7/5/2016	<0.0019		<0.0019
7/6/2016		0.0086	
9/8/2016	<0.0019	0.035	<0.0019
11/8/2016		<0.0019	
11/9/2016	<0.0019		<0.0019
1/12/2017	<0.0019		<0.0019
1/13/2017		0.0078	
3/16/2017		0.0062	
3/17/2017	<0.0019		<0.0019
5/16/2017	<0.0019		
5/17/2017		0.0042 (J)	<0.0019
3/13/2018	<0.0019		
3/14/2018		0.0053	<0.0019
6/8/2018	<0.0019		0.0012 (J)
6/9/2018		0.0044 (J)	
10/17/2018			0.0014 (J)
11/13/2018	0.0024 (J)		
11/14/2018		0.005	
2/28/2019	0.0025 (J)		<0.0019
3/5/2019		0.0043 (J)	
6/4/2019	0.0012 (J)	0.0044 (J)	<0.0019
11/12/2019	<0.0019	0.0026 (J)	<0.0019
4/18/2020	<0.0019		<0.0019
4/22/2020		0.0024	
10/12/2020	<0.0019	0.0026 (J)	<0.0019
4/1/2021	<0.0019	0.005	0.0029
Mean	0.0024	0.006382	0.001888
Std. Dev.	0.001976	0.007635	0.0003295
Upper Lim.	0.0024	0.0069	0.0029
Lower Lim.	0.0012	0.0024	0.0014

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.0027	0.0026	0.00024
5/3/2016	0.003		0.00036
5/4/2016		0.0022	
7/5/2016	0.0023		0.0007
7/6/2016		0.0026	
9/8/2016	0.0034	0.0027	0.00081
11/8/2016		0.0016	
11/9/2016	0.0012		0.00099
1/12/2017	0.0012		0.00064
1/13/2017		0.0026	
3/16/2017		0.0015	
3/17/2017	0.0022		0.00033
5/16/2017	0.0019		
5/17/2017		0.00016 (J)	0.00034
3/13/2018	0.0014		
3/14/2018		0.00051	0.0002
6/8/2018	0.0018		0.00016 (J)
6/9/2018		0.00032	
10/17/2018			0.00014 (J)
11/13/2018	0.0021		
11/14/2018		8.2E-05 (J)	
2/28/2019	0.0016		0.00012 (J)
3/5/2019		0.0026	
6/4/2019	0.00061	0.0012	<7E-05
11/12/2019	0.00056	0.00048	<7E-05
4/18/2020	0.00013 (J)		<7E-05
4/22/2020		0.0004	
10/12/2020	0.00017 (J)	0.00026	<7E-05
4/1/2021	0.00025	0.00029	<7E-05
Mean	0.00156	0.0013	0.0003062
Std. Dev.	0.001002	0.001049	0.000302
Upper Lim.	0.002188	0.0026	0.00064
Lower Lim.	0.0009322	0.00029	3.5E-05

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	<0.0045	<0.0045	<0.0045
5/3/2016	<0.0045		<0.0045
5/4/2016		<0.0045	
7/5/2016	<0.0045		<0.0045
7/6/2016		<0.0045	
9/8/2016	<0.0045	<0.0045	<0.0045
11/8/2016		<0.0045	
11/9/2016	<0.0045		<0.0045
1/12/2017	<0.0045		<0.0045
1/13/2017		<0.0045	
3/16/2017		0.0015 (J)	
3/17/2017	0.0078 (J)		<0.0045
5/16/2017	<0.0045		
5/17/2017		<0.0045	<0.0045
3/13/2018	<0.0045		
3/14/2018		<0.0045	0.00092 (J)
6/8/2018	<0.0045		<0.0045
6/9/2018		<0.0045	
10/17/2018			<0.0045
11/13/2018	<0.0045		
11/14/2018		<0.0045	
2/28/2019	<0.0045		<0.0045
3/5/2019		<0.0045	
4/18/2020	<0.0045		<0.0045
4/22/2020		<0.0045	
10/12/2020	<0.0045	<0.0045	<0.0045
4/1/2021	<0.0045	<0.0045	<0.0045
Mean	0.00472	0.0043	0.004261
Std. Dev.	0.0008521	0.0007746	0.0009244
Upper Lim.	0.0078	0.0045	0.0045
Lower Lim.	0.0045	0.0015	0.00092

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.018	0.013	0.026
5/3/2016	0.016		0.019
5/4/2016		0.014	
7/5/2016	0.018		0.018
7/6/2016		0.015	
9/8/2016	0.016	0.018	0.018
11/8/2016		0.015	
11/9/2016	0.013		0.02
1/12/2017	0.004		0.017
1/13/2017		0.014	
3/16/2017		0.012	
3/17/2017	0.015		0.016
5/16/2017	0.01		
5/17/2017		0.0094	0.013
3/13/2018	0.0064		
3/14/2018		0.0049	0.019
6/8/2018	0.0076		0.018
6/9/2018		0.0047	
10/17/2018			0.013
11/13/2018	0.0062		
11/14/2018		0.0031	
2/28/2019	0.0044		0.011
3/5/2019		0.0012 (J)	
6/4/2019	0.0044	0.002	0.015
11/12/2019	0.0042	0.0026	0.012
4/18/2020	0.0028		0.0085
4/22/2020		0.0037	
10/12/2020	0.0025	0.003	0.0071
4/1/2021	0.0042	0.0036	0.008
Mean	0.008982	0.008188	0.01521
Std. Dev.	0.005721	0.005761	0.004974
Upper Lim.	0.01117	0.01086	0.01833
Lower Lim.	0.004761	0.003876	0.01209

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 6/17/2021 5:47 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-200	MW-201	MW-206
3/2/2016	0.00058 (J)	0.0003 (J)	0.00095 (J)
5/3/2016	0.00041 (J)		0.00089
5/4/2016		0.0005	
7/5/2016	0.0004 (J)		0.001
7/6/2016		0.00047 (J)	
9/8/2016	0.00045 (J)	0.00053 (J)	0.00088 (J)
11/8/2016		0.00055 (J)	
11/9/2016	<0.00012		0.00083 (J)
1/12/2017	0.00012 (J)		0.00076
1/13/2017		0.00057	
3/16/2017		0.0004 (J)	
3/17/2017	0.00027 (J)		0.00088
5/16/2017	0.00025 (J)		
5/17/2017		0.00029 (J)	0.00071
3/13/2018	0.00018 (J)		
3/14/2018		0.00027 (J)	0.00055
6/8/2018	0.00018 (J)		0.00048 (J)
6/9/2018		0.00023 (J)	
10/17/2018			0.0003 (J)
11/13/2018	<0.00012		
11/14/2018		0.00015 (J)	
2/28/2019	0.0001 (J)		0.00024 (J)
3/5/2019		0.00016 (J)	
6/4/2019	<0.00012	0.00011 (J)	0.00017 (J)
11/12/2019	<0.00012	0.00012 (J)	0.00019 (J)
4/18/2020	5.8E-05 (J)		0.00023
4/22/2020		0.00015	
10/12/2020	0.00014 (J)	0.00025 (J)	0.00033 (J)
4/1/2021	<0.00012	0.00012	0.0002
Mean	0.0002022	0.0003041	0.0005641
Std. Dev.	0.0001653	0.000166	0.0003114
Upper Lim.	0.0004	0.0003926	0.00089
Lower Lim.	6E-05	0.0001903	0.00023

300 Series

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center Printed 6/18/2021, 10:53 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-304**	**0.0234**	**0.006552**	**0.006**	**Yes**	**8**	**0.01498**	**0.007946**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**17**	**6.159**	**2.026**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**MW-303**	**1.531**	**0.8196**	**0.1**	**Yes**	**17**	**1.214**	**0.6027**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

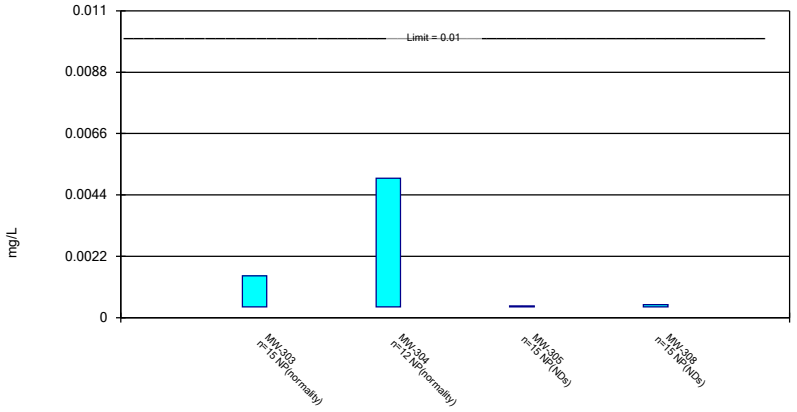
Confidence Interval Summary Table - 300 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center Printed 6/18/2021, 10:53 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0015	0.00039	0.01	No	15	0.0008227	0.0006263	46.67	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.005	0.00039	0.01	No	12	0.001588	0.001824	16.67	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-305	0.00042	0.00039	0.01	No	15	0.00041	0.00005028	80	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00039	0.01	No	15	0.000442	0.0001829	86.67	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	17	0.01135	0.0007859	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04767	0.0295	2	No	17	0.04035	0.01694	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04348	0.02828	2	No	17	0.03588	0.01213	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	17	0.01894	0.00508	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02763	0.02155	2	No	17	0.02459	0.004848	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.00017	0.000074	0.004	No	14	0.0001631	0.00002566	92.86	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.00028	0.000075	0.005	No	17	0.0002679	0.00004972	94.12	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.00051	0.00028	0.005	No	17	0.0004159	0.0001493	29.41	None	No	0.01	NP (Cohens/xfrm)
Cadmium (mg/L)	MW-304	0.00073	0.00028	0.005	No	17	0.0003488	0.0002001	88.24	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.00028	0.000076	0.005	No	17	0.000268	0.00004948	94.12	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.00028	0.000089	0.005	No	17	0.0002688	0.00004632	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.001	0.1	No	14	0.001193	0.0007216	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0014	0.001	0.1	No	14	0.001029	0.0001069	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0012	0.001	0.1	No	14	0.001057	0.0001651	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0016	0.001	0.1	No	14	0.00115	0.0004202	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.001	0.00082	0.1	No	14	0.0009871	0.00004811	92.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00024	0.006	No	17	0.0005435	0.0001465	82.35	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006502	0.0005251	0.006	No	17	0.0005876	0.00009985	41.18	None	No	0.01	Param.
Cobalt (mg/L)	**MW-304**	**0.0234**	**0.006552**	**0.006**	**Yes**	**8**	**0.01498**	**0.007946**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	17	0.0005559	0.0001549	35.29	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00063	0.00056	0.006	No	17	0.0005641	0.00001698	88.24	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.508	4.72	5	No	17	5.114	0.6291	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**17**	**6.159**	**2.026**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	MW-304	7.136	3.949	5	No	17	5.542	2.543	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.6	1.212	5	No	17	1.406	0.3098	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.039	2.248	5	No	17	2.644	0.6314	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.041	0.032	4	No	18	0.0325	0.002121	94.44	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2516	0.1581	4	No	19	0.2048	0.07985	5.263	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.09	0.032	4	No	18	0.062	0.04665	44.44	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	0.035	0.032	4	No	18	0.03217	0.0007071	88.89	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1402	0.08294	4	No	19	0.1116	0.04891	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.00039	0.000083	0.015	No	14	0.0002824	0.00006326	85.71	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.00029	0.00011	0.015	No	14	0.0002771	0.00004811	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.00056	0.00022	0.015	No	14	0.0004593	0.0003182	50	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-300	0.0036	0.0014	0.04	No	17	0.00182	0.0006279	76.47	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02787	0.02296	0.04	No	17	0.02553	0.00414	0	None	x^(1/3)	0.01	Param.
Lithium (mg/L)	MW-304	0.0023	0.0012	0.04	No	17	0.002124	0.0007677	64.71	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.0025	0.0014	0.04	No	17	0.001742	0.0005049	76.47	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.0021	0.0013	0.04	No	17	0.001782	0.0003005	76.47	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.00019	0.00007	0.002	No	17	0.00007706	0.0000291	94.12	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00065	0.000086	0.002	No	17	0.0004362	0.0003466	17.65	None	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.00014	0.00007	0.002	No	17	0.00007412	0.00001698	94.12	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.000087	0.00007	0.002	No	17	0.00009159	0.00008473	88.24	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.531**	**0.8196**	**0.1**	**Yes**	**17**	**1.214**	**0.6027**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0056	0.0033	0.1	No	17	0.004247	0.001071	58.82	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.0045	0.0016	0.1	No	17	0.004329	0.0007034	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.0045	0.00098	0.1	No	17	0.004293	0.0008537	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.00598	0.003502	0.05	No	17	0.004741	0.001978	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006519	0.004056	0.05	No	16	0.005288	0.001893	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00082	0.00027	0.05	No	17	0.0007876	0.0001334	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005675	0.003549	0.05	No	17	0.004612	0.001697	0	None	No	0.01	Param.
Thallium (mg/L)	MW-303	0.0002482	0.0001671	0.002	No	17	0.0002076	0.00006467	5.882	None	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0001957	0.0001153	0.002	No	17	0.0001521	0.00006776	17.65	Cohen`s	No	0.01	Param.
Thallium (mg/L)	MW-308	0.0002992	0.0002078	0.002	No	17	0.0002535	0.00007297	5.882	None	No	0.01	Param.

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

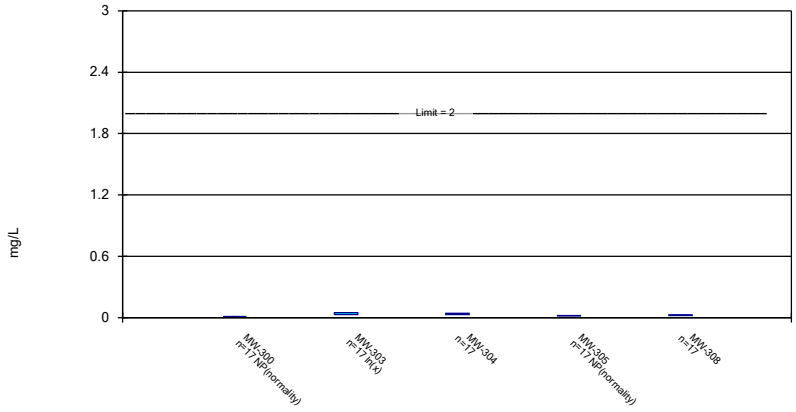


Constituent: Arsenic Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 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.

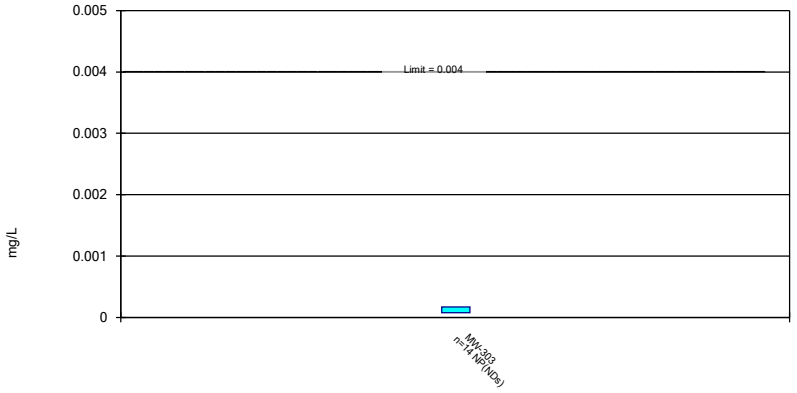


Constituent: Barium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

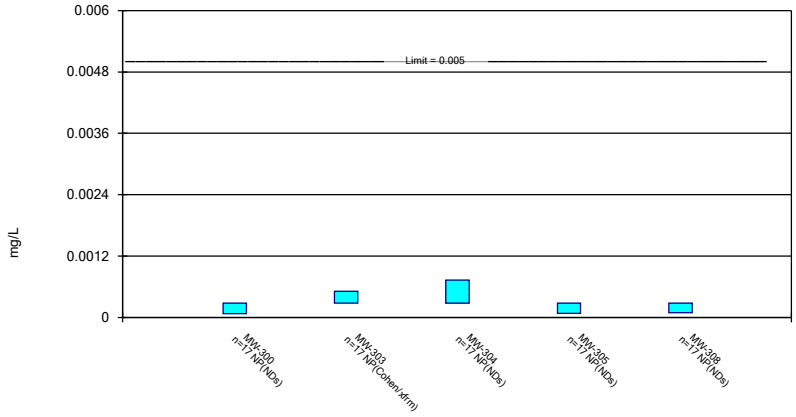


Constituent: Beryllium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

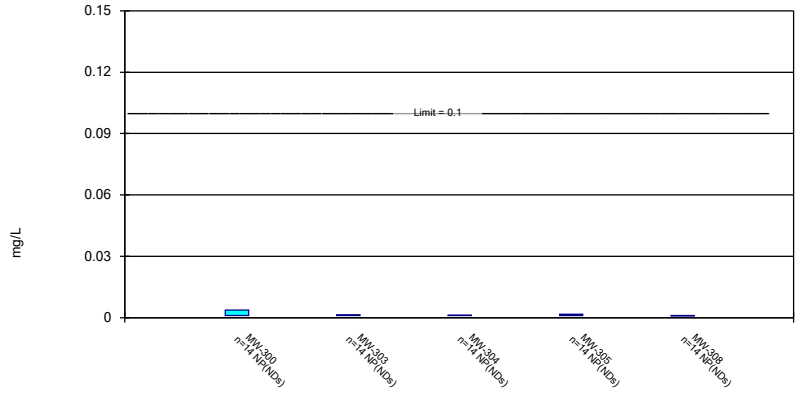
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

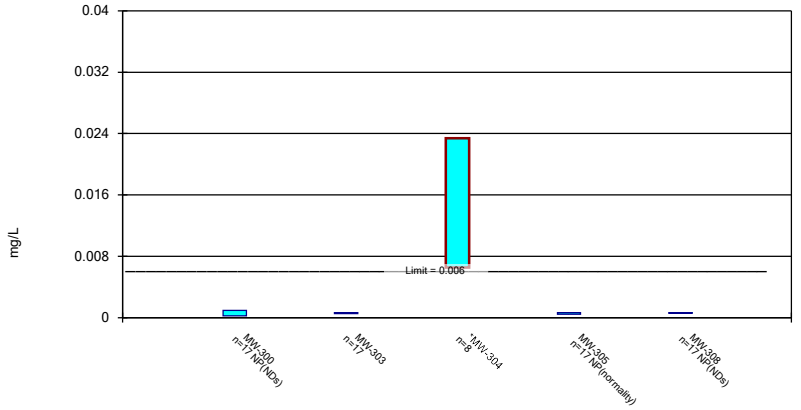


Constituent: Chromium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 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.

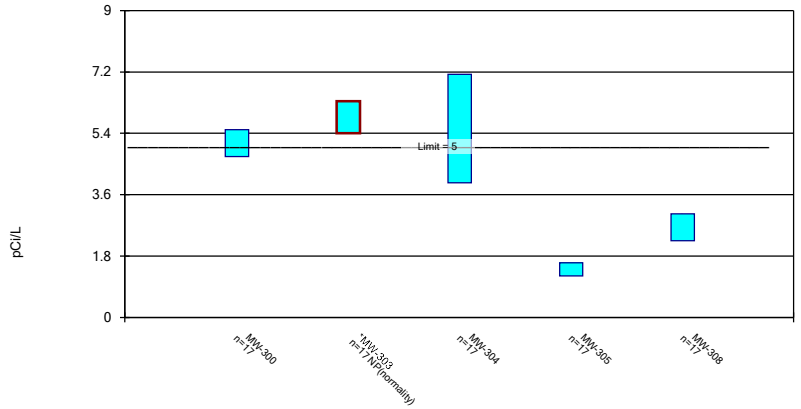


Constituent: Cobalt Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 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.

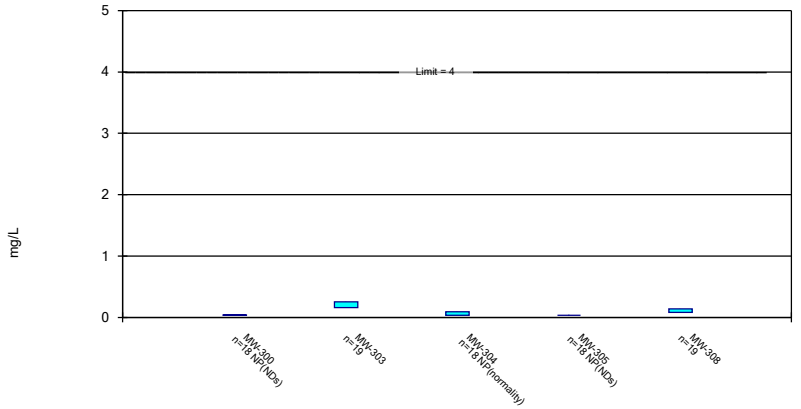


Constituent: Combined Radium 226 + 228 Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 3
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

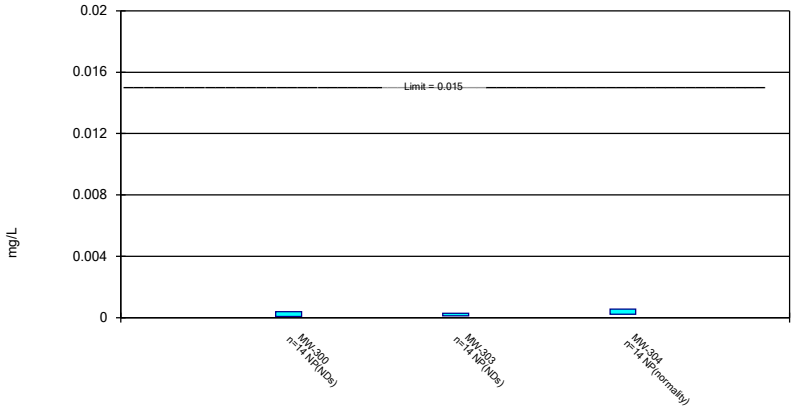
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

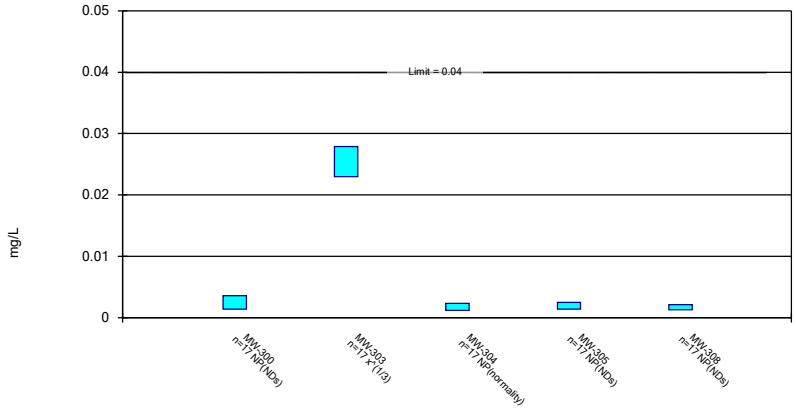


Constituent: Lead Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 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.

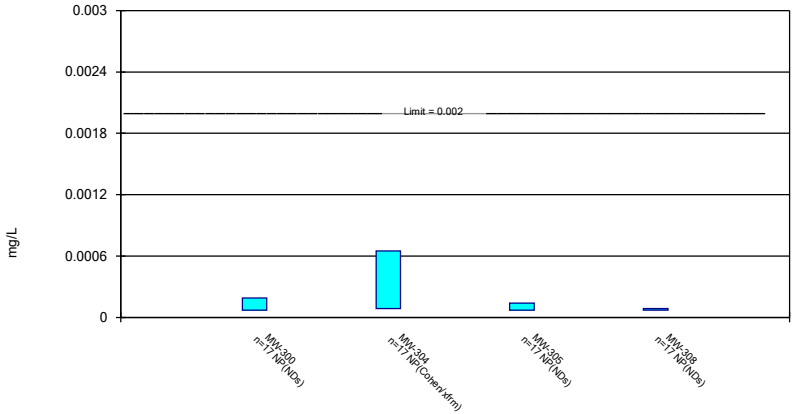


Constituent: Lithium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

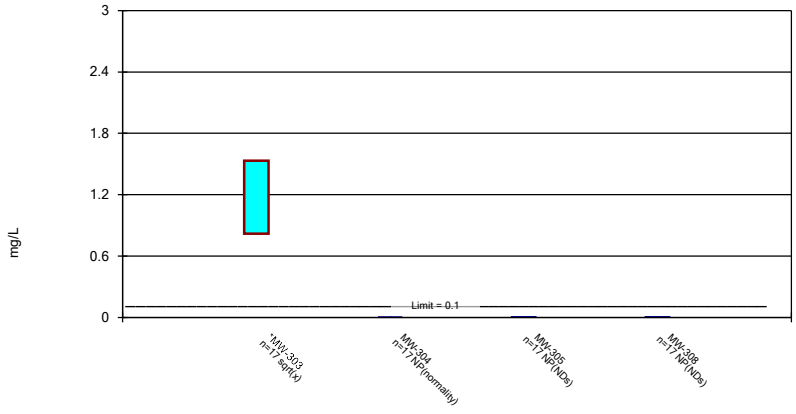


Constituent: Mercury Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

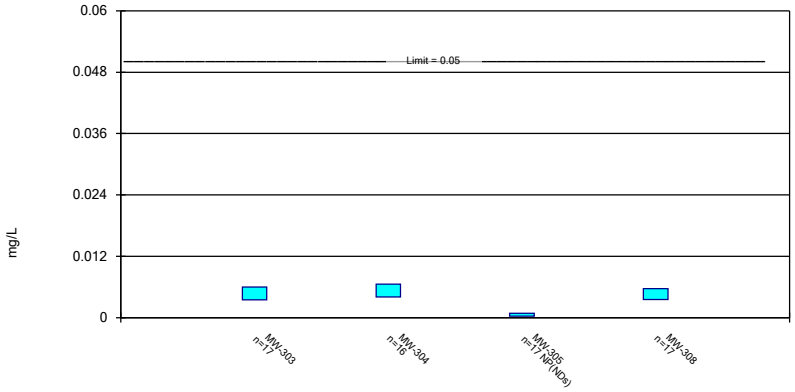
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

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.

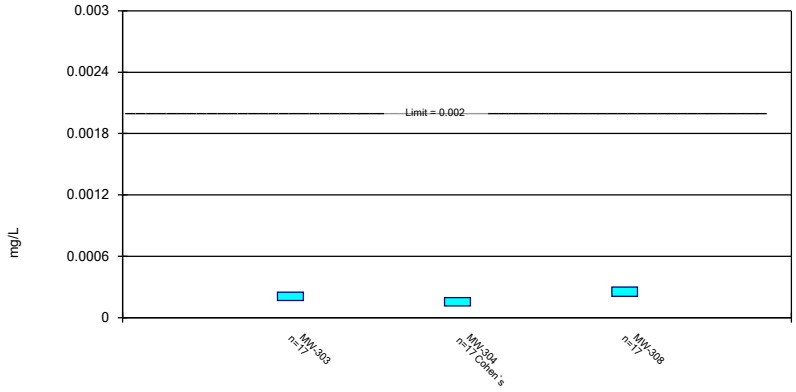


Constituent: Selenium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 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 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.0018 (J)	0.009 (o)	<0.00039	<0.00039
5/4/2016	0.0024	0.019 (o)	<0.00039	<0.00039
7/6/2016	0.0005 (J)	0.014 (o)		<0.00039
7/7/2016			<0.00039	
9/7/2016		0.005	<0.00039	<0.00039
9/8/2016	<0.00039			
11/7/2016			<0.00039	
11/8/2016	<0.00039	0.0035		<0.00039
1/10/2017	<0.00039	0.0051	<0.00039	<0.00039
3/15/2017		0.00066 (J)	<0.00039	
3/16/2017	0.0015			<0.00039
5/15/2017	0.0012 (J)			
5/16/2017		0.00094 (J)	<0.00039	<0.00039
3/13/2018	0.00082 (J)	0.00086 (J)	<0.00039	<0.00039
6/7/2018	0.0007 (J)	0.00056 (J)	<0.00039	<0.00039
10/17/2018	<0.00039	0.0005 (J)	<0.00039	<0.00039
2/27/2019				<0.00039
2/28/2019	<0.00039	<0.00039	<0.00039	
4/18/2020	<0.00039	0.00053	0.00042	0.00046
10/8/2020	0.00069 (J)			0.0011 (J)
10/9/2020		<0.00039	0.00057 (J)	
4/1/2021	<0.00039	0.00062	0.00048	<0.00039
Mean	0.0008227	0.001588	0.00041	0.000442
Std. Dev.	0.0006263	0.001824	5.028E-05	0.0001829
Upper Lim.	0.0015	0.005	0.00042	0.00046
Lower Lim.	0.00039	0.00039	0.00039	0.00039

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.01 (J)	0.024	0.045	0.02	0.023
5/4/2016	0.012	0.025	0.035	0.017	0.029
7/6/2016		0.025	0.036		0.029
7/7/2016	0.012			0.018	
9/7/2016	0.011		0.026	0.017	0.029
9/8/2016		0.03			
11/7/2016				0.017	
11/8/2016	0.011	0.032	0.042		0.025
1/10/2017	0.011	0.027	0.041	0.016	0.022
3/15/2017	0.013		0.018	0.018	
3/16/2017		0.04			0.023
5/15/2017		0.028			
5/16/2017	0.011		0.026	0.016	0.02
3/13/2018	0.011	0.034	0.057	0.016	0.031
6/6/2018	0.012				
6/7/2018		0.053	0.04	0.016	0.026
10/17/2018		0.048	0.021	0.016	0.017
10/18/2018	0.01				
2/27/2019					0.024
2/28/2019	0.012	0.032	0.039	0.02	
5/31/2019	0.011	0.029	0.044	0.036	0.031
11/11/2019	0.012	0.046	0.027	0.026	0.02
4/18/2020	0.011	0.069	0.043	0.02	0.016
10/8/2020		0.076			0.022
10/9/2020	0.011		0.015	0.016	
3/31/2021	0.012				
4/1/2021		0.068	0.055	0.017	0.031
Mean	0.01135	0.04035	0.03588	0.01894	0.02459
Std. Dev.	0.0007859	0.01694	0.01213	0.00508	0.004848
Upper Lim.	0.012	0.04767	0.04348	0.02	0.02763
Lower Lim.	0.01	0.0295	0.02828	0.016	0.02155

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-303
3/3/2016	<0.00017
5/4/2016	<0.00017
7/6/2016	<0.00017
9/8/2016	<0.00017
11/8/2016	<0.00017
1/10/2017	<0.00017
3/16/2017	<0.00017
5/15/2017	<0.00017
3/13/2018	<0.00017
6/7/2018	<0.00017
2/28/2019	<0.00017
4/18/2020	7.4E-05 (J)
10/8/2020	<0.00017
4/1/2021	<0.00017
Mean	0.0001631
Std. Dev.	2.566E-05
Upper Lim.	0.00017
Lower Lim.	7.4E-05

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
5/4/2016	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
7/6/2016		0.00036 (J)	<0.00028		<0.00028
7/7/2016	<0.00028			<0.00028	
9/7/2016	<0.00028		<0.00028	<0.00028	<0.00028
9/8/2016		0.00045 (J)			
11/7/2016				<0.00028	
11/8/2016	<0.00028	0.00065 (J)	<0.00028		<0.00028
1/10/2017	<0.00028	0.00051 (J)	<0.00028	<0.00028	<0.00028
3/15/2017	<0.00028		<0.00028	<0.00028	
3/16/2017		0.00049 (J)			<0.00028
5/15/2017		0.00045 (J)			
5/16/2017	<0.00028		<0.00028	<0.00028	<0.00028
3/13/2018	<0.00028	0.00041 (J)	<0.00028	<0.00028	<0.00028
6/6/2018	<0.00028				
6/7/2018		0.00066 (J)	<0.00028	<0.00028	<0.00028
10/17/2018		0.00072 (J)	<0.00028	<0.00028	<0.00028
10/18/2018	<0.00028				
2/27/2019					<0.00028
2/28/2019	<0.00028	0.00039 (J)	<0.00028	<0.00028	
5/31/2019	<0.00028	0.00034 (J)	<0.00028	<0.00028	<0.00028
11/11/2019	<0.00028	<0.00028	0.001 (J)	<0.00028	<0.00028
4/18/2020	7.5E-05 (J)	0.00024 (J)	0.00073	7.6E-05 (J)	8.9E-05 (J)
10/8/2020		<0.00028			<0.00028
10/9/2020	<0.00028		<0.00028	<0.00028	
3/31/2021	<0.00028				
4/1/2021		<0.00028	<0.00028	<0.00028	<0.00028
Mean	0.0002679	0.0004159	0.0003488	0.000268	0.0002688
Std. Dev.	4.972E-05	0.0001493	0.0002001	4.948E-05	4.632E-05
Upper Lim.	0.00028	0.00051	0.00073	0.00028	0.00028
Lower Lim.	7.5E-05	0.00028	0.00028	7.6E-05	8.9E-05

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.001	<0.001	<0.001	<0.001	<0.001
5/4/2016	0.0037	<0.001	0.0012 (J)	0.0025	<0.001
7/6/2016		<0.001	<0.001		<0.001
7/7/2016	<0.001			<0.001	
9/7/2016	<0.001		<0.001	<0.001	<0.001
9/8/2016		<0.001			
11/7/2016				<0.001	
11/8/2016	<0.001	<0.001	<0.001		<0.001
1/10/2017	<0.001	<0.001	<0.001	<0.001	<0.001
3/15/2017	<0.001		<0.001	<0.001	
3/16/2017		<0.001			<0.001
5/15/2017		<0.001			
5/16/2017	<0.001		<0.001	<0.001	<0.001
3/13/2018	<0.001	<0.001	<0.001	<0.001	<0.001
6/6/2018	<0.001				
6/7/2018		<0.001	<0.001	<0.001	<0.001
2/27/2019					<0.001
2/28/2019	<0.001	<0.001	<0.001	<0.001	
4/18/2020	<0.001	<0.001	<0.001	<0.001	0.00082
10/8/2020		<0.001			<0.001
10/9/2020	<0.001		0.0016 (J)	0.0016 (J)	
3/31/2021	<0.001				
4/1/2021		0.0014	<0.001	<0.001	<0.001
Mean	0.001193	0.001029	0.001057	0.00115	0.0009871
Std. Dev.	0.0007216	0.0001069	0.0001651	0.0004202	4.811E-05
Upper Lim.	0.0037	0.0014	0.0012	0.0016	0.001
Lower Lim.	0.001	0.001	0.001	0.001	0.00082

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.00056	<0.00056	0.19	0.00085 (J)	0.00063 (J)
5/4/2016	0.00093 (J)	0.0007 (J)	0.16	0.001 (J)	0.00056 (J)
7/6/2016		<0.00056	0.15		<0.00056
7/7/2016	<0.00056			0.00044 (J)	
9/7/2016	<0.00056		0.019	0.00052 (J)	<0.00056
9/8/2016		<0.00056			
11/7/2016				0.00046 (J)	
11/8/2016	<0.00056	0.00051 (J)	0.099		<0.00056
1/10/2017	<0.00056	<0.00056	0.077	0.00042 (J)	<0.00056
3/15/2017	<0.00056		0.0042	0.00044 (J)	
3/16/2017		0.0004 (J)			<0.00056
5/15/2017		0.00079 (J)			
5/16/2017	<0.00056		0.0067	<0.00056	<0.00056
3/13/2018	<0.00056	0.00056 (J)	0.015	<0.00056	<0.00056
6/6/2018	<0.00056				
6/7/2018		0.0007 (J)	0.014	<0.00056	<0.00056
10/17/2018		<0.00056	0.012	<0.00056	<0.00056
10/18/2018	<0.00056				
2/27/2019					<0.00056
2/28/2019	<0.00056	0.00059 (J)	0.02	0.00042 (J)	
5/31/2019	<0.00056	0.00073 (J)	0.026	0.00046 (J)	<0.00056
11/11/2019	0.00023 (J)	0.00065 (J)	0.023	0.00063 (J)	<0.00056
4/18/2020	0.00024 (J)	0.00044 (J)	0.015	0.00045 (J)	<0.00056
10/8/2020		<0.00056			<0.00056
10/9/2020	<0.00056		0.0019 (J)	<0.00056	
3/31/2021	<0.00056				
4/1/2021		<0.00056	0.0079	<0.00056	<0.00056
Mean	0.0005435	0.0005876	0.01498	0.0005559	0.0005641
Std. Dev.	0.0001465	9.985E-05	0.007946	0.0001549	1.698E-05
Upper Lim.	0.00093	0.0006502	0.0234	0.00063	0.00063
Lower Lim.	0.00024	0.0005251	0.006552	0.00044	0.00056

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	4.62	5.43	9.46	1.67	2.29
5/4/2016	5.36	5.52	9.66	1.18	2.58
7/6/2016		12.9	2.84		3.08
7/7/2016	6.27			1.24	
9/7/2016	5.25		4.49	1.49	3.04
9/8/2016		3.73			
11/7/2016				1.32	
11/8/2016	5.64	5.61	7.47		2.96
1/10/2017	5.39	4.33	9.6	2.16	3.5
3/15/2017	5.72		2.22	1.14	
3/16/2017		6.34			2.9
5/15/2017		5.77			
5/16/2017	4.84		3.89	1.26	1.47
3/13/2018	5.59	5.94	5.25	1.29	2.96
6/6/2018	3.96				
6/7/2018		5.79	4.1	1.25	2.45
10/17/2018		6.31	3.15	1.24	2.7
10/18/2018	5.75				
2/27/2019					2.61
2/28/2019	4.82	5.4	5.21	1.55	
5/31/2019	4.06	4.37	6.03	1.9	3.62
11/11/2019	5.43	5.71	5.15	1.58	2
4/18/2020	5.09	6.89	7.33	1.55	1.34
10/8/2020		8.36			3.17
10/9/2020	4.71		1.58	0.858	
3/31/2021	4.44				
4/1/2021		6.31	6.79	1.23	2.27
Mean	5.114	6.159	5.542	1.406	2.644
Std. Dev.	0.6291	2.026	2.543	0.3098	0.6314
Upper Lim.	5.508	6.34	7.136	1.6	3.039
Lower Lim.	4.72	5.4	3.949	1.212	2.248

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.041 (J)	0.15	0.12	0.035 (J)	0.11
5/4/2016	<0.032	0.11	0.19	<0.032	0.07 (J)
7/6/2016		0.13	0.15		0.07 (J)
7/7/2016	<0.032			<0.032	
9/7/2016	<0.032		0.06 (J)	<0.032	0.06 (J)
9/8/2016		0.12			
11/7/2016				<0.032	
11/8/2016	<0.032	0.13	0.09 (J)		0.06 (J)
1/10/2017	<0.032	0.15	<0.032	<0.032	0.04 (J)
3/15/2017	<0.032		<0.032	<0.032	
3/16/2017		0.16			0.06 (J)
5/15/2017		0.2			
5/16/2017	<0.032		0.04 (J)	<0.032	0.09 (J)
10/3/2017	<0.032	0.25	0.07 (J)	<0.032	0.13
12/20/2017		0.25			0.1
3/13/2018	<0.032	0.26	<0.032	<0.032	0.1
6/6/2018	<0.032				
6/7/2018		0.28	<0.032	<0.032	0.14
10/17/2018		0.29	0.06 (J)	<0.032	0.14
10/18/2018	<0.032				
2/27/2019					0.16
2/28/2019	<0.032	0.28	<0.032	<0.032	
5/31/2019	<0.032	0.33	<0.032	<0.032	0.2
11/11/2019	<0.032	0.26	<0.032	<0.032	0.16
4/18/2020	<0.032	0.25	<0.032	<0.032	0.17
10/8/2020		<0.032			0.07 (J)
10/9/2020	<0.032		0.04 (J)	<0.032	
3/31/2021	<0.032				
4/1/2021		0.26	0.04	0.032	0.19
Mean	0.0325	0.2048	0.062	0.03217	0.1116
Std. Dev.	0.002121	0.07985	0.04665	0.0007071	0.04891
Upper Lim.	0.041	0.2516	0.09	0.035	0.1402
Lower Lim.	0.032	0.1581	0.032	0.032	0.08294

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304
3/3/2016	<0.00029	<0.00029	<0.00029
5/4/2016	<0.00029	<0.00029	0.00086 (J)
7/6/2016		<0.00029	0.0014
7/7/2016	<0.00029		
9/7/2016	<0.00029		0.00056 (J)
9/8/2016		<0.00029	
11/8/2016	<0.00029	<0.00029	0.00047 (J)
1/10/2017	<0.00029	<0.00029	0.00041 (J)
3/15/2017	<0.00029		<0.00029
3/16/2017		<0.00029	
5/15/2017		<0.00029	
5/16/2017	<0.00029		<0.00029
3/13/2018	<0.00029	<0.00029	<0.00029
6/6/2018	<0.00029		
6/7/2018		<0.00029	<0.00029
2/28/2019	<0.00029	<0.00029	<0.00029
4/18/2020	8.3E-05 (J)	0.00011 (J)	0.00022 (J)
10/8/2020		<0.00029	
10/9/2020	<0.00029		0.00048 (J)
3/31/2021	0.00039		
4/1/2021		<0.00029	<0.00029
Mean	0.0002824	0.0002771	0.0004593
Std. Dev.	6.326E-05	4.811E-05	0.0003182
Upper Lim.	0.00039	0.00029	0.00056
Lower Lim.	8.3E-05	0.00011	0.00022

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0019	0.037	<0.0019	<0.0019	<0.0019
5/4/2016	<0.0019	0.029	<0.0019	<0.0019	<0.0019
7/6/2016		0.024	0.0044 (J)		<0.0019
7/7/2016	<0.0019			<0.0019	
9/7/2016	<0.0019		<0.0019	<0.0019	<0.0019
9/8/2016		0.022			
11/7/2016				<0.0019	
11/8/2016	<0.0019	0.026	<0.0019		<0.0019
1/10/2017	<0.0019	0.024	<0.0019	<0.0019	<0.0019
3/15/2017	<0.0019		<0.0019	<0.0019	
3/16/2017		0.029			<0.0019
5/15/2017		0.025			
5/16/2017	<0.0019		<0.0019	<0.0019	<0.0019
3/13/2018	<0.0019	0.03	<0.0019	<0.0019	<0.0019
6/6/2018	<0.0019				
6/7/2018		0.025	0.0012 (J)	0.0014 (J)	0.0011 (J)
10/17/2018		0.024	<0.0019	<0.0019	<0.0019
10/18/2018	<0.0019				
2/27/2019					0.0011 (J)
2/28/2019	<0.0019	0.021	<0.0019	<0.0019	
5/31/2019	0.0014 (J)	0.021	0.0023 (J)	<0.0019	0.0021 (J)
11/11/2019	0.00062 (J)	0.023	0.0034	0.00054 (J)	0.0013
4/18/2020	0.00062 (J)	0.023	0.0012	0.00047 (J)	<0.0019
10/8/2020		0.029			<0.0019
10/9/2020	<0.0019		<0.0019	<0.0019	
3/31/2021	0.0036				
4/1/2021		0.022	0.0027	0.0025	<0.0019
Mean	0.00182	0.02553	0.002124	0.001742	0.001782
Std. Dev.	0.0006279	0.00414	0.0007677	0.0005049	0.0003005
Upper Lim.	0.0036	0.02787	0.0023	0.0025	0.0021
Lower Lim.	0.0014	0.02296	0.0012	0.0014	0.0013

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-300	MW-304	MW-305	MW-308
3/3/2016	<7E-05	8.6E-05 (J)	<7E-05	<7E-05
5/4/2016	<7E-05	0.00026	<7E-05	<7E-05
7/6/2016		0.0012		<7E-05 (*)
7/7/2016	<7E-05		<7E-05	
9/7/2016	<7E-05	<7E-05	<7E-05	<7E-05
11/7/2016			<7E-05	
11/8/2016	<7E-05	0.00065		<7E-05
1/10/2017	<7E-05	<7E-05	<7E-05	<7E-05
3/15/2017	<7E-05	<7E-05	<7E-05	
3/16/2017				<7E-05
5/16/2017	<7E-05	0.00042	<7E-05	<7E-05
3/13/2018	<7E-05	0.00039	<7E-05	<7E-05
6/6/2018	<7E-05			
6/7/2018		0.00033	<7E-05	<7E-05
10/17/2018		0.00041	<7E-05	<7E-05
10/18/2018	<7E-05			
2/27/2019				<7E-05
2/28/2019	<7E-05	0.00055	<7E-05	
5/31/2019	<7E-05	0.00054	<7E-05	<7E-05
11/11/2019	<7E-05	0.0011	<7E-05	<7E-05
4/18/2020	<7E-05	0.00082	<7E-05	<7E-05
10/8/2020				8.7E-05 (J)
10/9/2020	<7E-05	0.00033	0.00014 (J)	
3/31/2021	0.00019			
4/1/2021		0.00012	<7E-05	0.00042
Mean	7.706E-05	0.0004362	7.412E-05	9.159E-05
Std. Dev.	2.91E-05	0.0003466	1.698E-05	8.473E-05
Upper Lim.	0.00019	0.00065	0.00014	8.7E-05
Lower Lim.	7E-05	8.6E-05	7E-05	7E-05

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.99	<0.0045	<0.0045	<0.0045
5/4/2016	0.99	<0.0045	<0.0045	<0.0045
7/6/2016	1.9	0.0018 (J)		<0.0045
7/7/2016			<0.0045	
9/7/2016		0.0029 (J)	<0.0045	<0.0045
9/8/2016	2.4			
11/7/2016			<0.0045	
11/8/2016	2.2	<0.0045		<0.0045
1/10/2017	2.1	<0.0045 (*)	<0.0045	<0.0045
3/15/2017		<0.0045	<0.0045	
3/16/2017	1.6			<0.0045
5/15/2017	1.2			
5/16/2017		<0.0045 (*)	<0.0045 (*)	<0.0045
3/13/2018	1	0.0033 (J)	<0.0045	<0.0045
6/7/2018	1.1	0.0065 (J)	0.0016 (J)	0.00098 (J)
10/17/2018	1.1	0.0043 (J)	<0.0045	<0.0045
2/27/2019				<0.0045
2/28/2019	0.77	0.0028 (J)	<0.0045	
5/31/2019	0.64	<0.0045	<0.0045	<0.0045
11/11/2019	0.85	0.0056 (J)	<0.0045	<0.0045
4/18/2020	0.81	<0.0045	<0.0045	<0.0045
10/8/2020	0.5			<0.0045
10/9/2020		<0.0045	<0.0045	
4/1/2021	0.49	<0.0045	<0.0045	<0.0045
Mean	1.214	0.004247	0.004329	0.004293
Std. Dev.	0.6027	0.001071	0.0007034	0.0008537
Upper Lim.	1.531	0.0056	0.0045	0.0045
Lower Lim.	0.8196	0.0033	0.0016	0.00098

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.008	0.0041 (J)	<0.00082	0.0051 (J)
5/4/2016	0.0068	0.008	<0.00082	0.0049
7/6/2016	0.0061	0.0056		0.0066
7/7/2016			<0.00082	
9/7/2016		0.0045	<0.00082	0.0073
9/8/2016	0.0065			
11/7/2016			<0.00082	
11/8/2016	0.0046	0.0055		0.0058
1/10/2017	0.0045	0.0056	<0.00082	0.0058
3/15/2017		0.0088	<0.00082	
3/16/2017	0.0079			0.006
5/15/2017	0.0064			
5/16/2017		0.0029	<0.00082	0.0058
3/13/2018	0.0037	0.0065	<0.00082	0.0048
6/7/2018	0.0054	0.0047	<0.00082	0.0061
10/17/2018	0.0026	0.05 (o)	<0.00082	0.0023
2/27/2019				0.0033
2/28/2019	0.002	0.0011 (J)	<0.00082	
5/31/2019	0.0041	0.0045	<0.00082	0.0031
11/11/2019	0.0031	0.0067	0.00027	0.002
4/18/2020	0.0035	0.0066	<0.00082	0.0021
10/8/2020	0.0014			0.0047
10/9/2020		0.0057	<0.00082	
4/1/2021	0.004	0.0038	<0.00082	0.0027
Mean	0.004741	0.005288	0.0007876	0.004612
Std. Dev.	0.001978	0.001893	0.0001334	0.001697
Upper Lim.	0.00598	0.006519	0.00082	0.005675
Lower Lim.	0.003502	0.004056	0.00027	0.003549

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 6/18/2021 10:53 AM View: Confidence Intervals 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

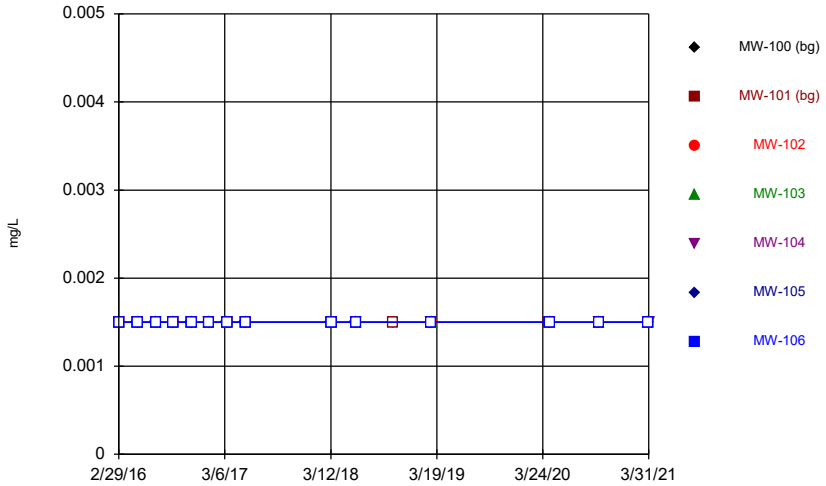
	MW-303	MW-304	MW-308
3/3/2016	0.00023 (J)	0.00015 (J)	0.00023 (J)
5/4/2016	0.00021 (J)	0.00021 (J)	0.00026 (J)
7/6/2016	0.00016 (J)	0.00022 (J)	0.00032 (J)
9/7/2016		0.0001 (J)	0.00036 (J)
9/8/2016	0.00015 (J)		
11/8/2016	0.00017 (J)	0.00014 (J)	0.00032 (J)
1/10/2017	0.00018 (J)	0.00018 (J)	0.00033 (J)
3/15/2017		<0.00012	
3/16/2017	0.00024 (J)		0.00029 (J)
5/15/2017	0.00022 (J)		
5/16/2017		9.5E-05 (J)	0.00027 (J)
3/13/2018	0.00022 (J)	0.00017 (J)	0.00028 (J)
6/7/2018	0.00022 (J)	0.00017 (J)	0.00026 (J)
10/17/2018	0.00019 (J)	0.00011 (J)	0.00022 (J)
2/27/2019			0.00022 (J)
2/28/2019	0.00018 (J)	0.00016 (J)	
5/31/2019	<0.00012	<0.00012	<0.00012
11/11/2019	0.00023 (J)	0.00029 (J)	0.00023 (J)
4/18/2020	0.00027	0.00026	0.00016
10/8/2020	0.00038 (J)		0.00031 (J)
10/9/2020		0.00015 (J)	
4/1/2021	0.00022	<0.00012	0.00019
Mean	0.0002076	0.0001521	0.0002535
Std. Dev.	6.467E-05	6.776E-05	7.297E-05
Upper Lim.	0.0002482	0.0001957	0.0002992
Lower Lim.	0.0001671	0.0001153	0.0002078

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

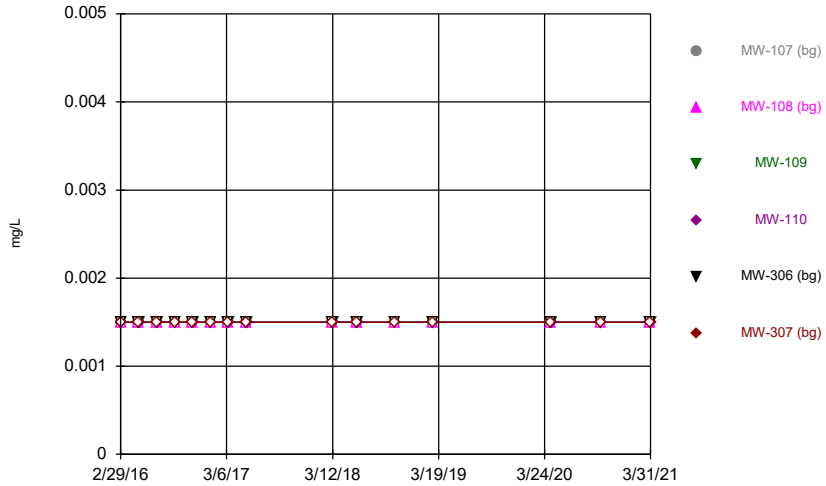
Time Series



Constituent: Antimony Analysis Run 6/11/2021 4:59 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

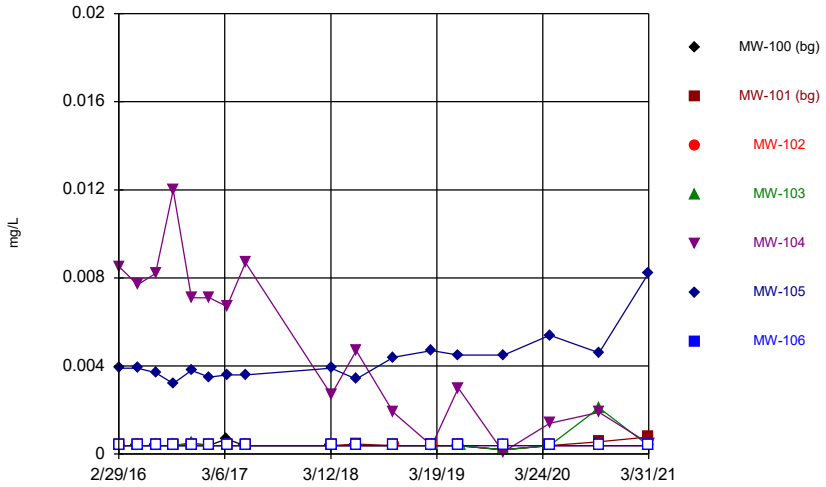
Time Series



Constituent: Antimony Analysis Run 6/11/2021 4:59 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

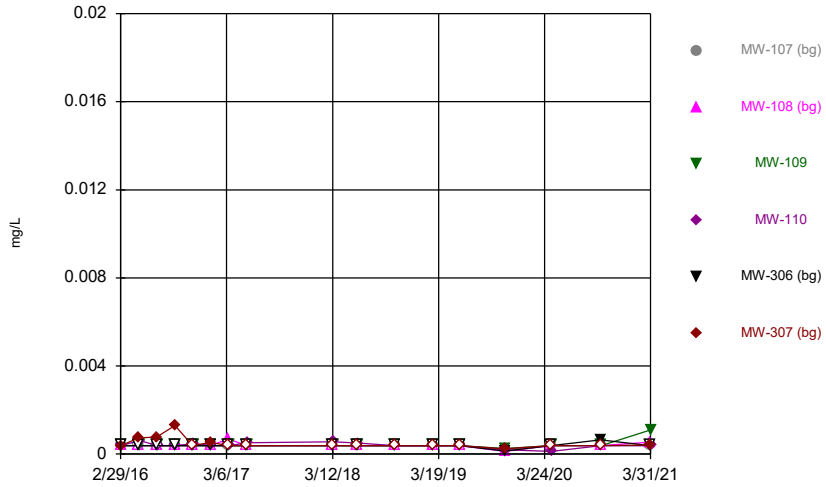
Time Series



Constituent: Arsenic Analysis Run 6/11/2021 4:59 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

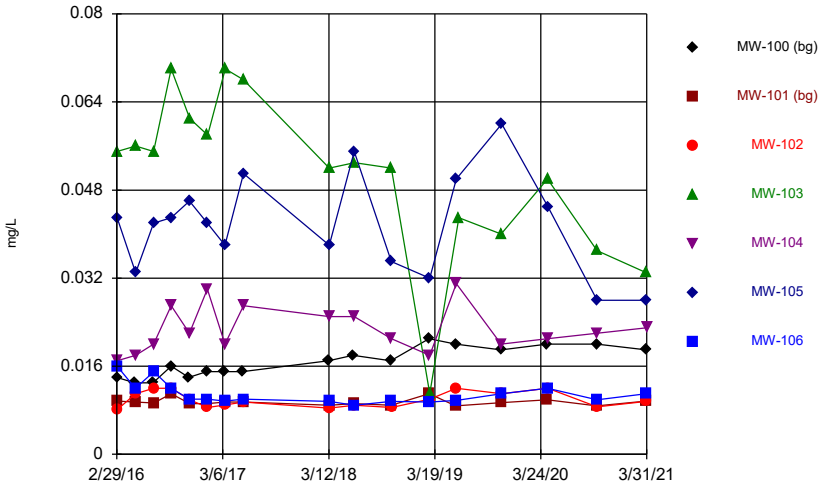
Time Series



Constituent: Arsenic Analysis Run 6/11/2021 4:59 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

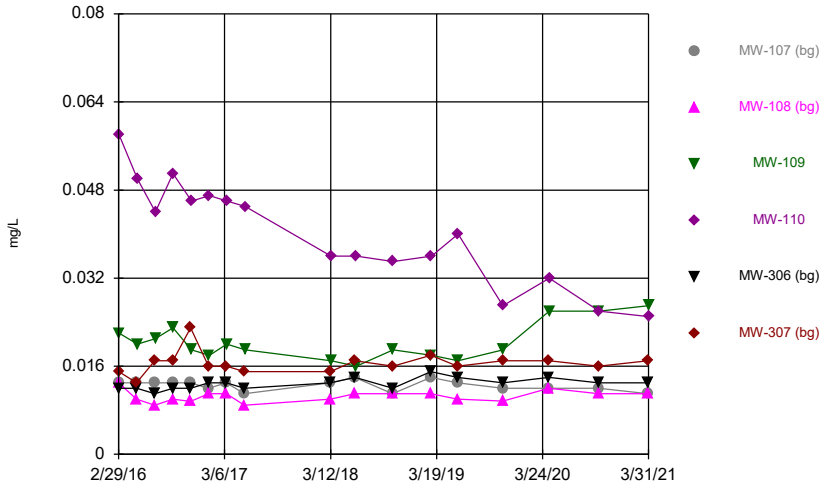
Time Series



Constituent: Barium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

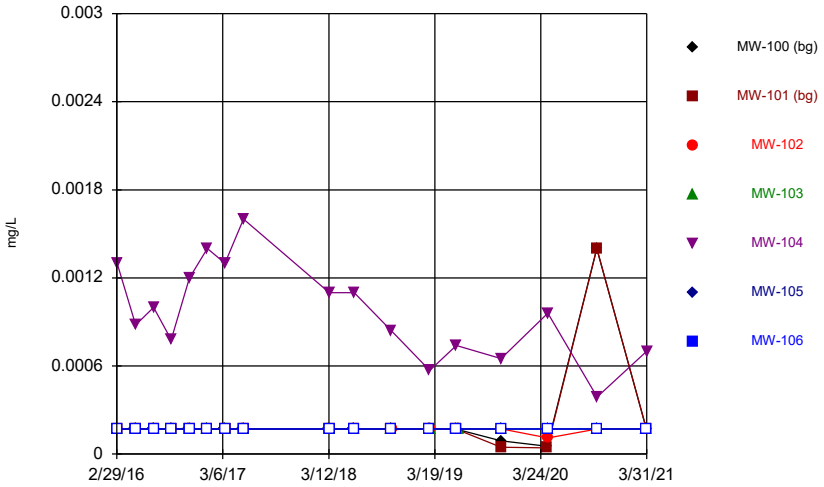
Time Series



Constituent: Barium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

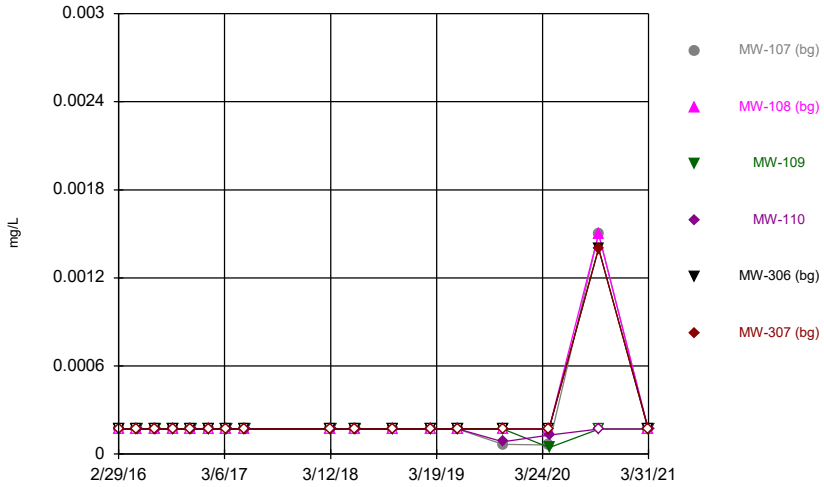
Time Series



Constituent: Beryllium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

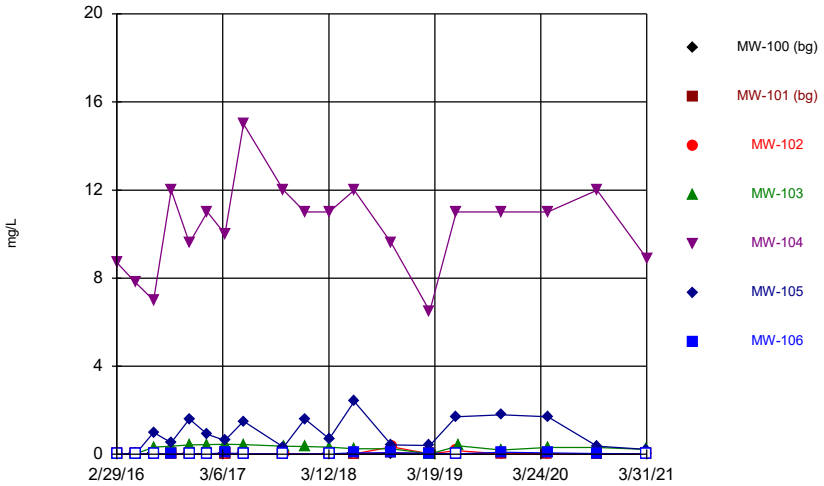
Time Series



Constituent: Beryllium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

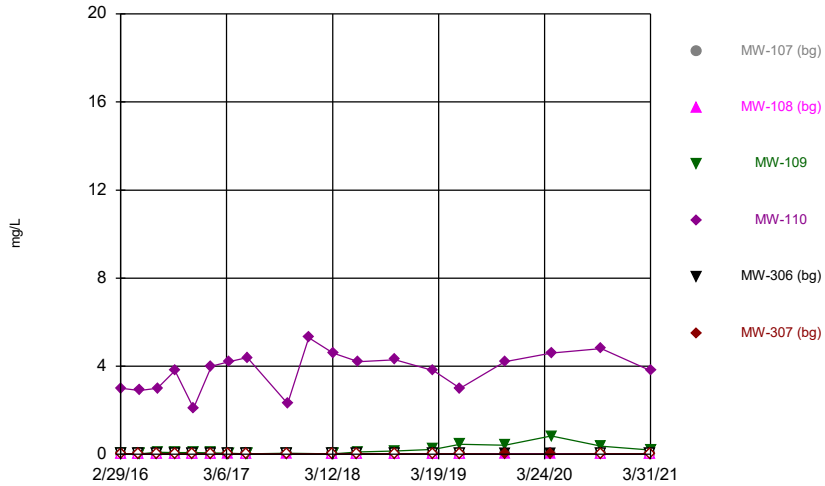
Time Series



Constituent: Boron Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

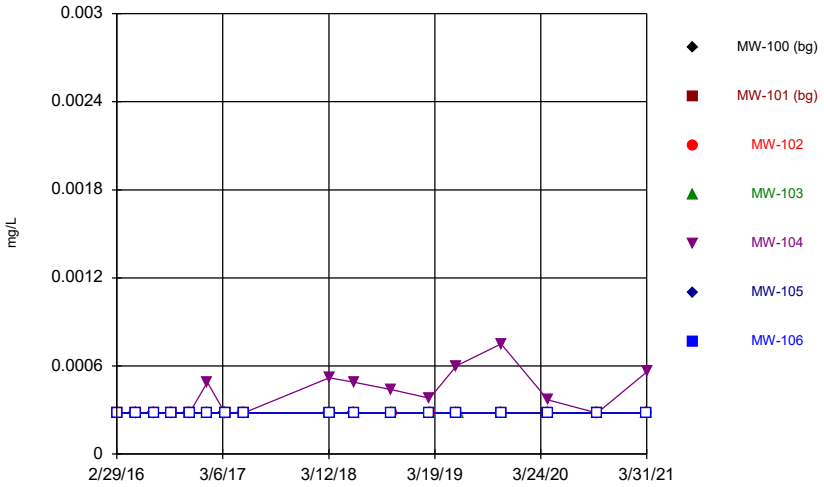
Time Series



Constituent: Boron Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

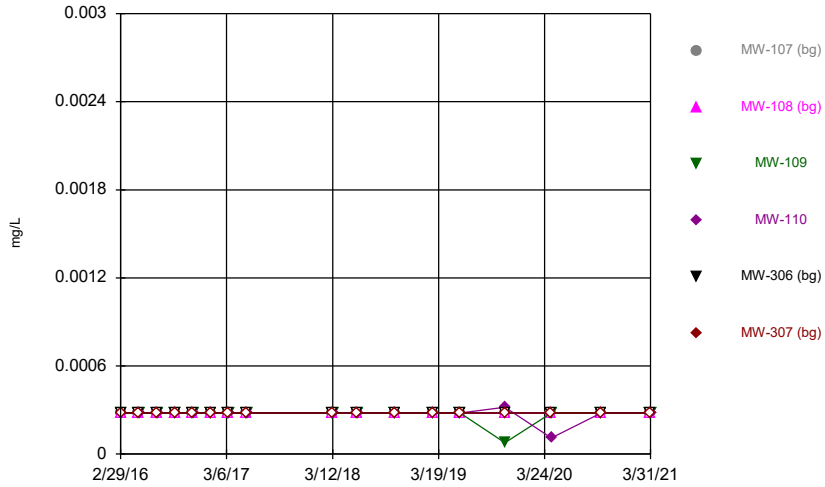
Time Series



Constituent: Cadmium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

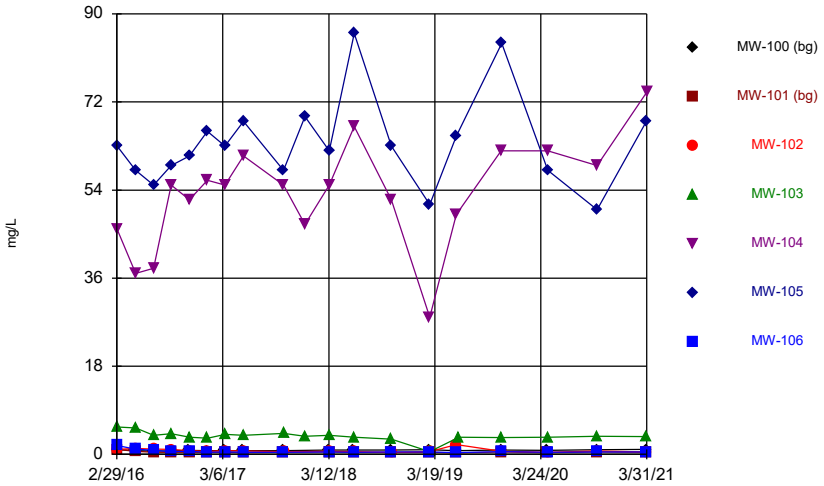
Time Series



Constituent: Cadmium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

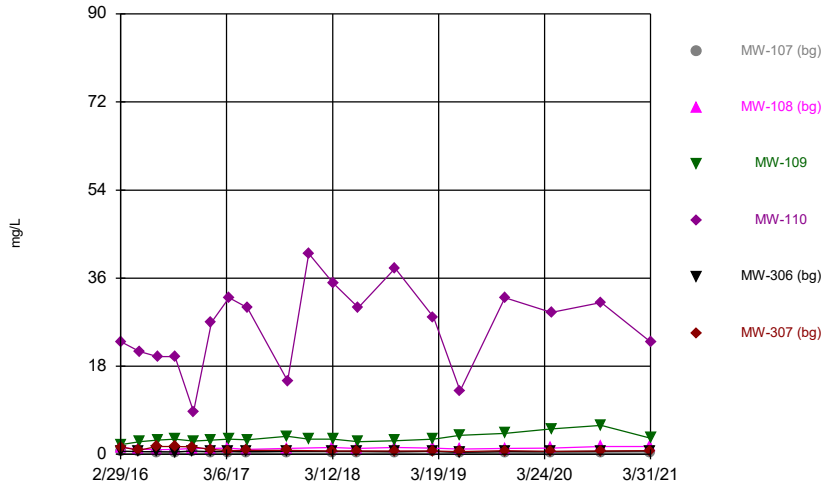
Time Series



Constituent: Calcium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

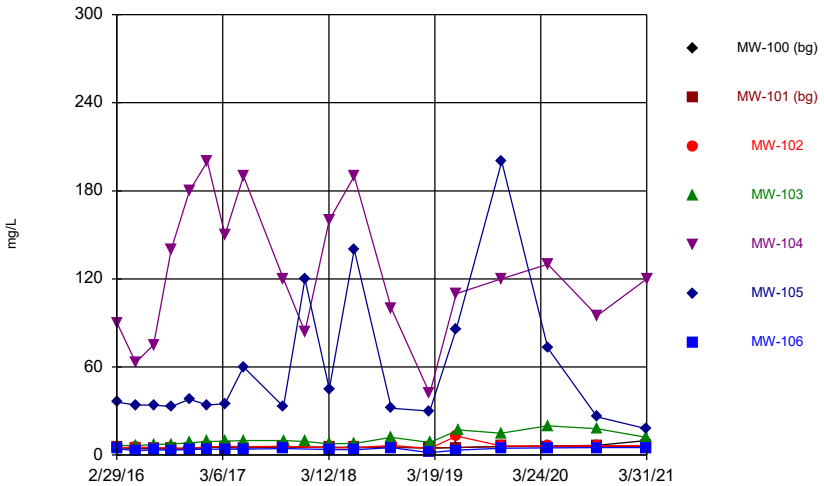
Time Series



Constituent: Calcium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

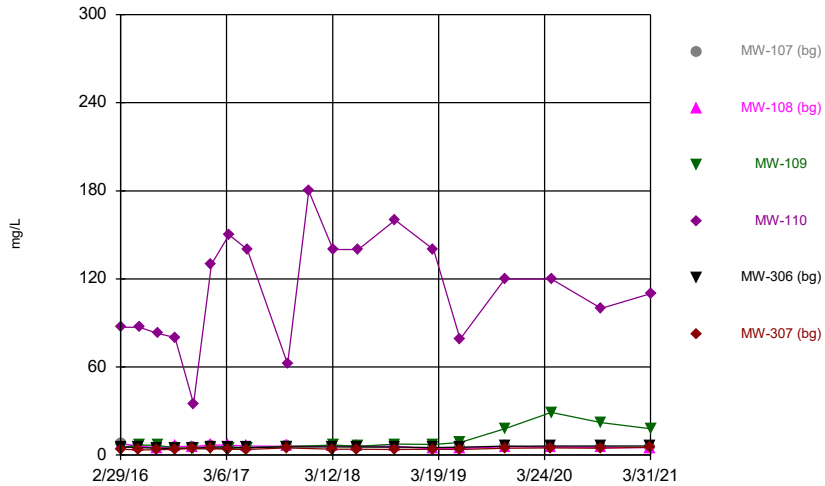
Time Series



Constituent: Chloride Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

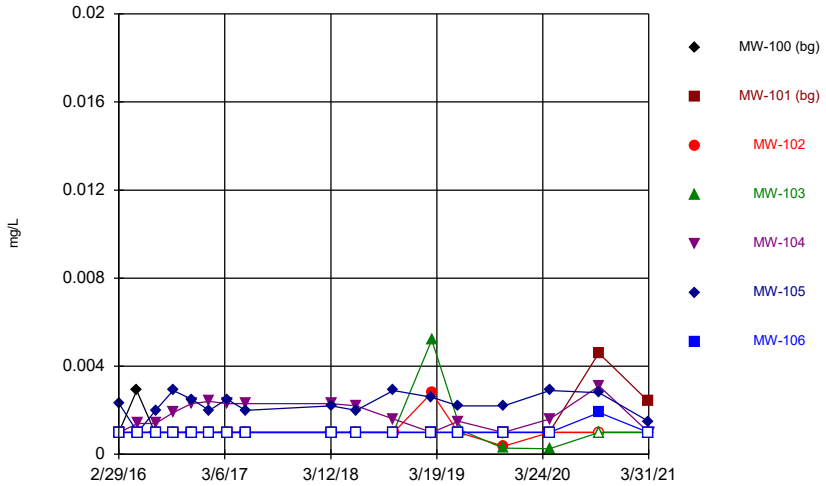
Time Series



Constituent: Chloride Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

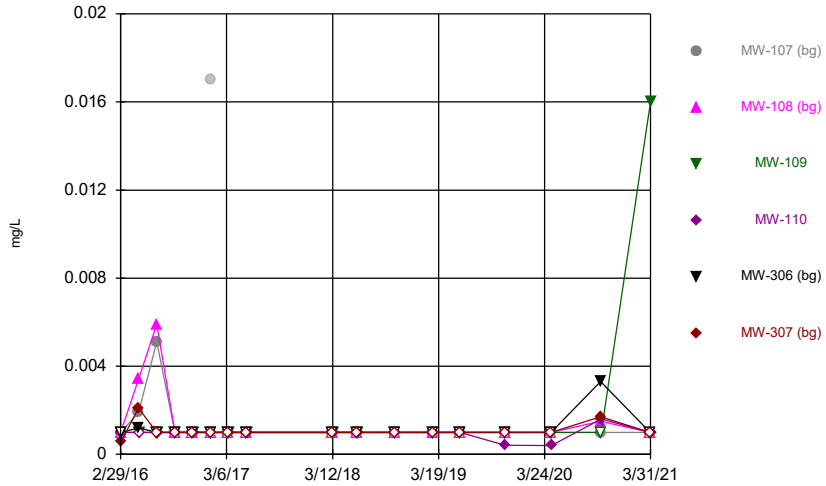
Time Series



Constituent: Chromium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

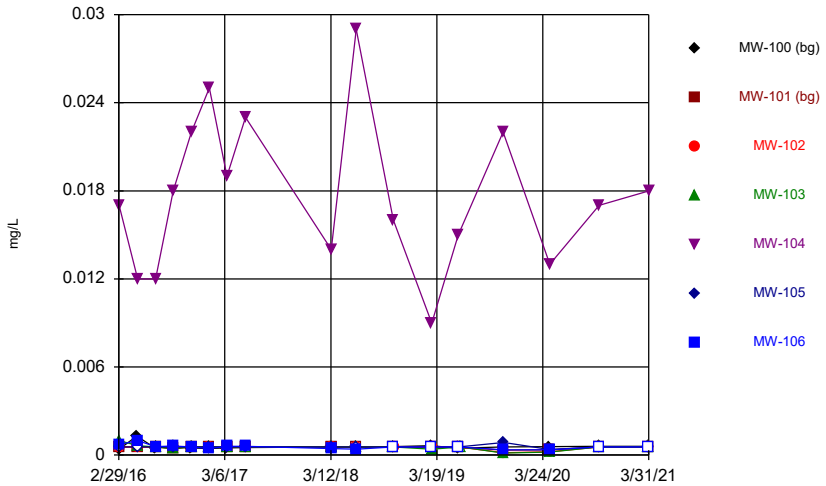
Time Series



Constituent: Chromium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

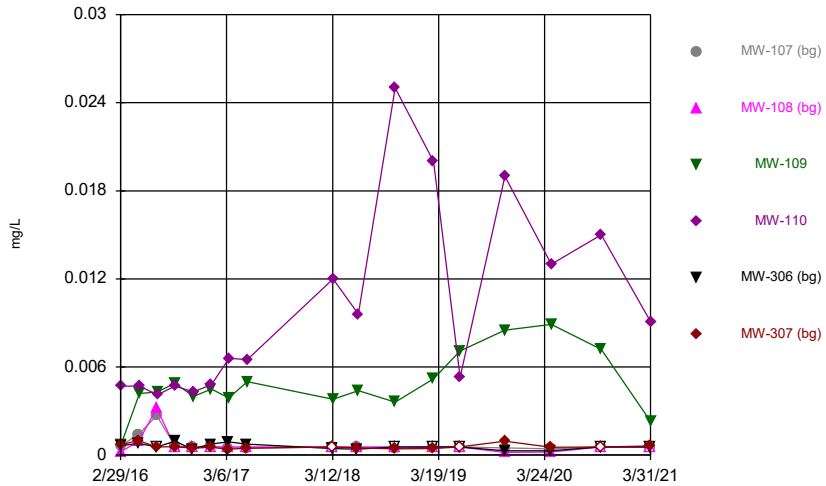
Time Series



Constituent: Cobalt Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

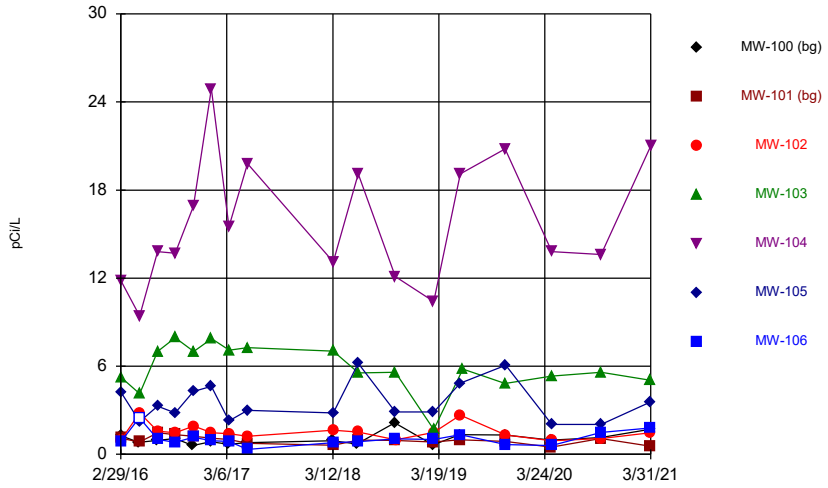
Time Series



Constituent: Cobalt Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

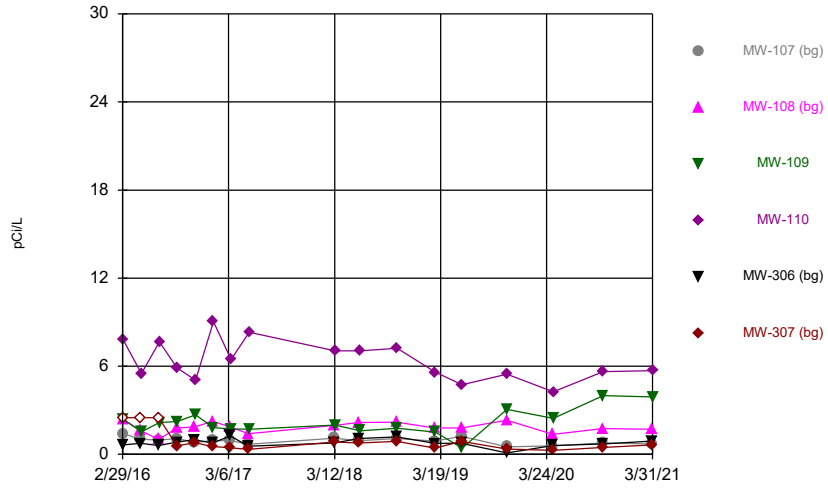
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

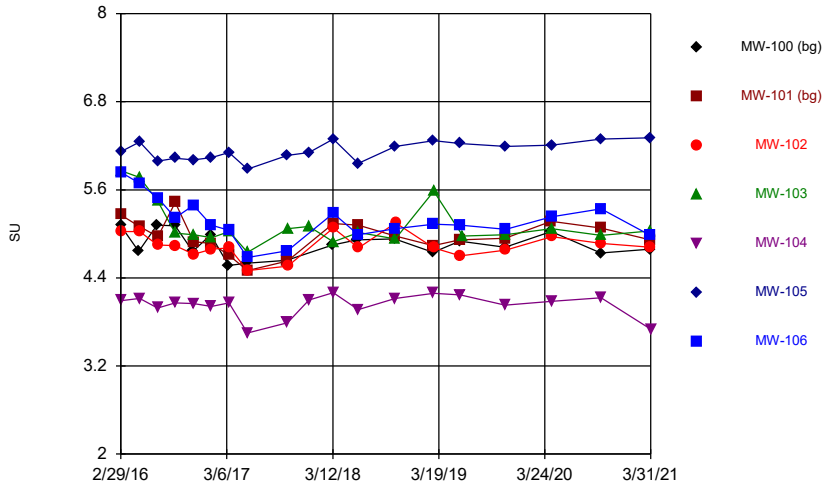
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

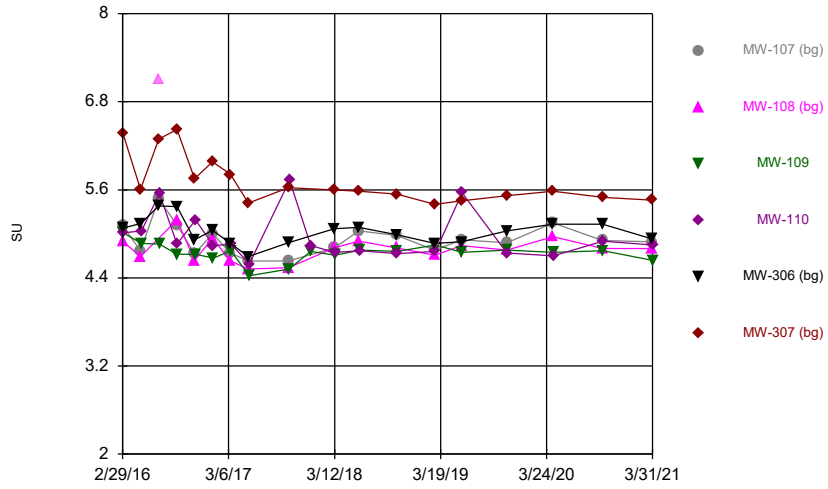
Time Series



Constituent: Field pH Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

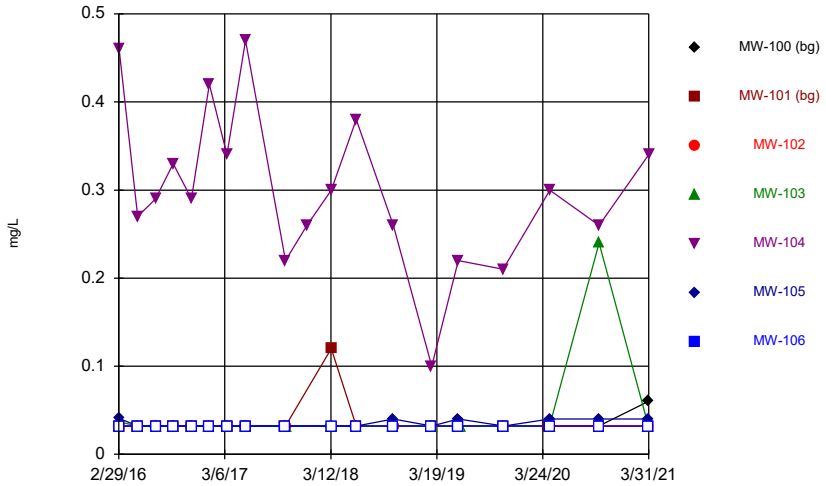
Time Series



Constituent: Field pH Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

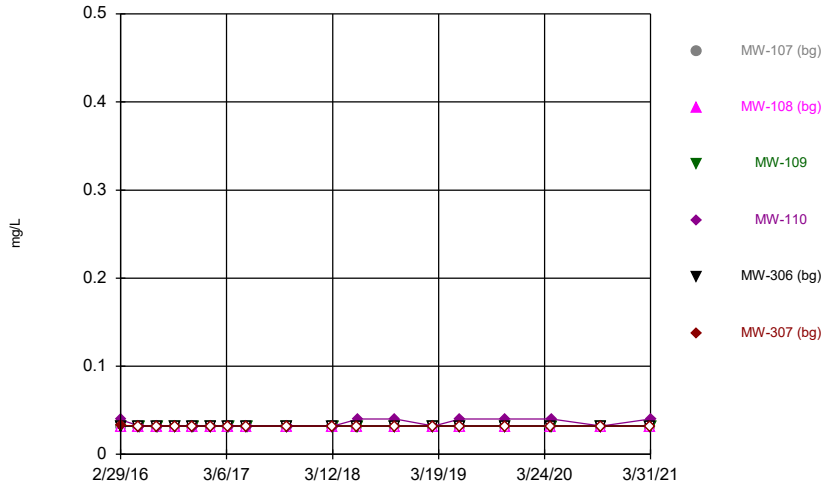
Time Series



Constituent: Fluoride Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

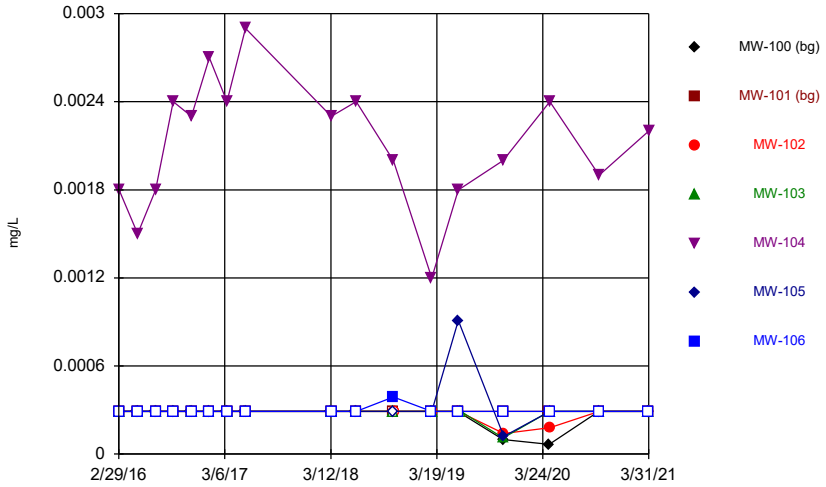
Time Series



Constituent: Fluoride Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

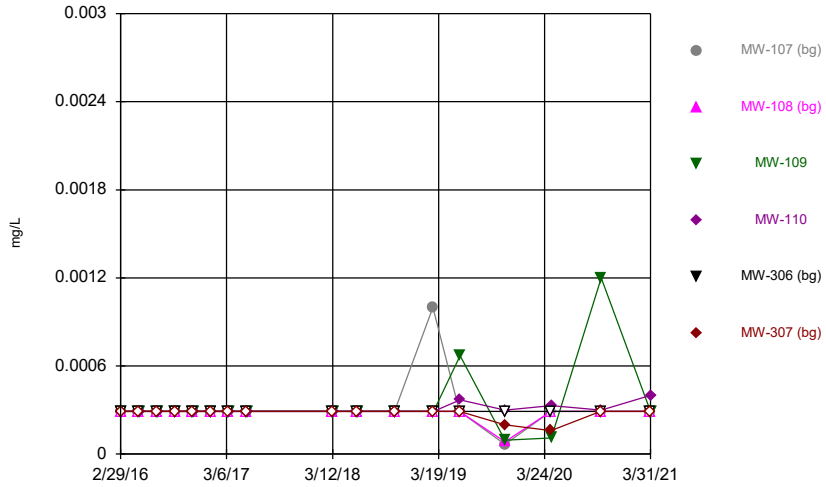
Time Series



Constituent: Lead Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

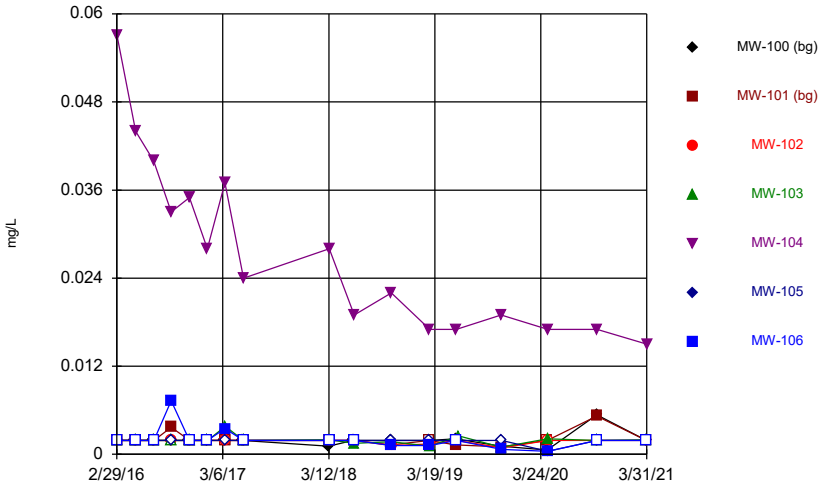
Time Series



Constituent: Lead Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

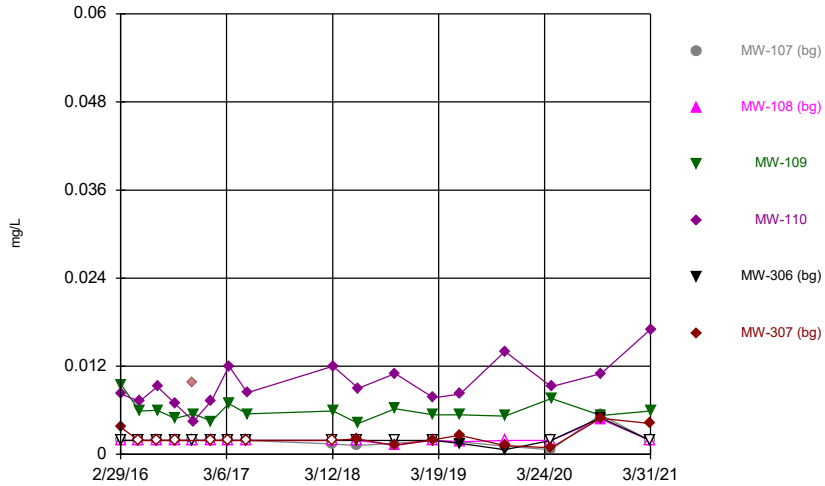
Time Series



Constituent: Lithium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

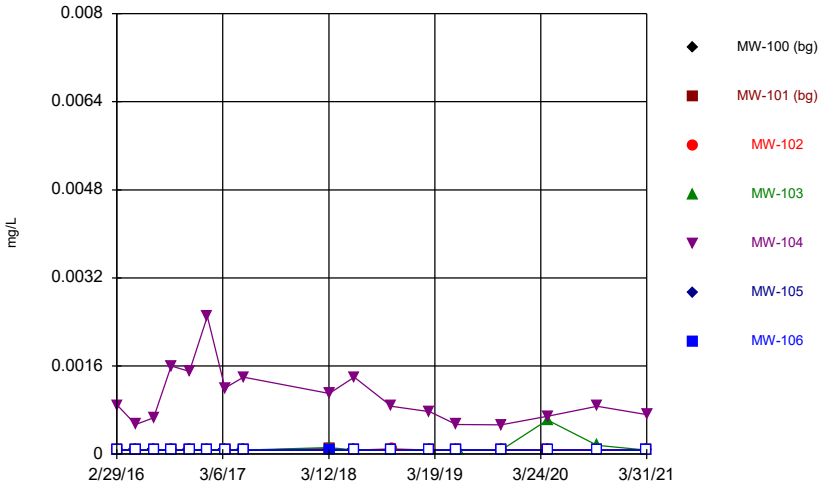
Time Series



Constituent: Lithium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

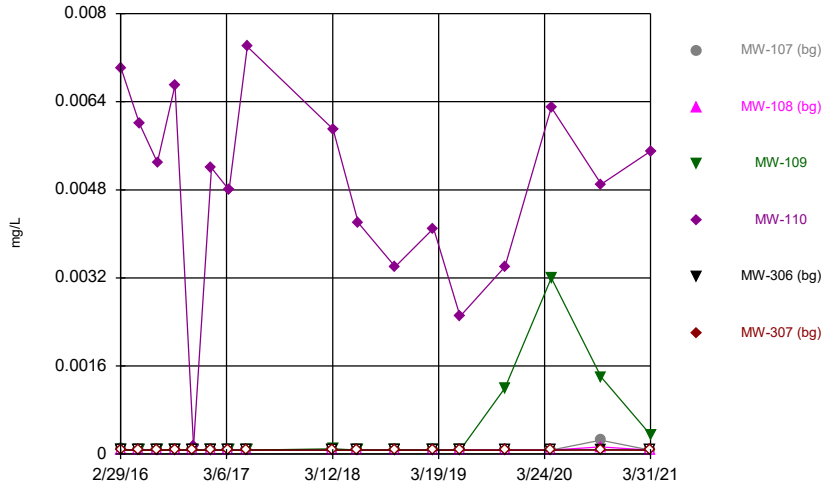
Time Series



Constituent: Mercury Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

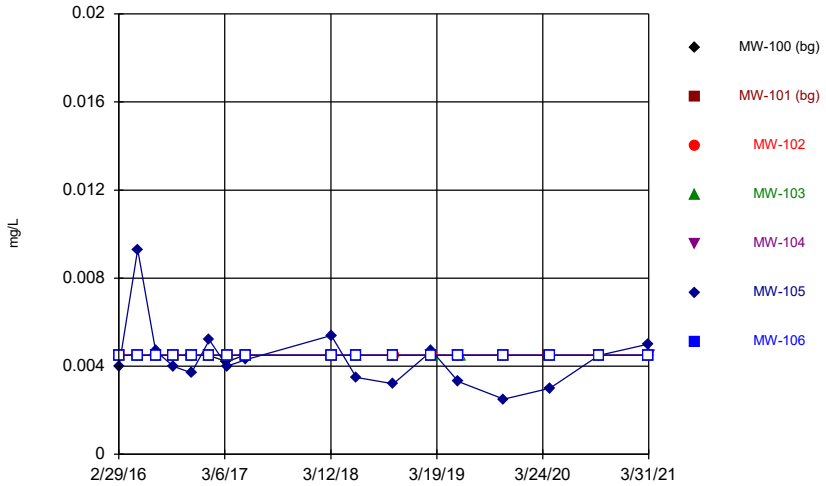
Time Series



Constituent: Mercury Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

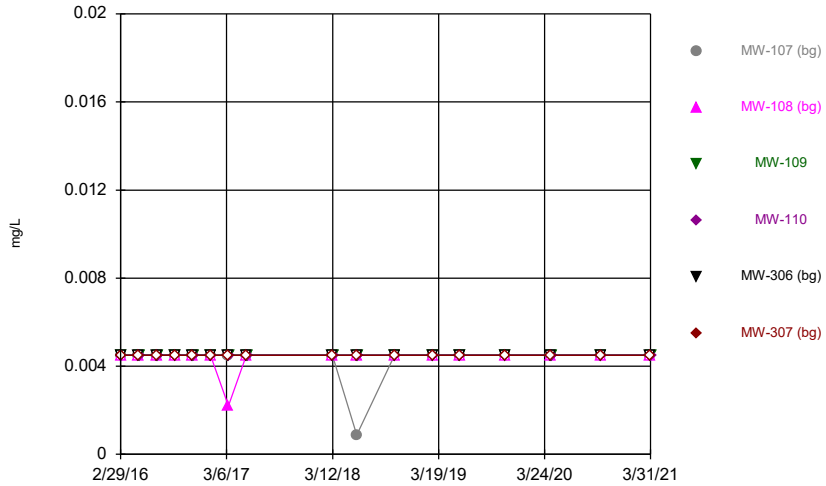
Time Series



Constituent: Molybdenum Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

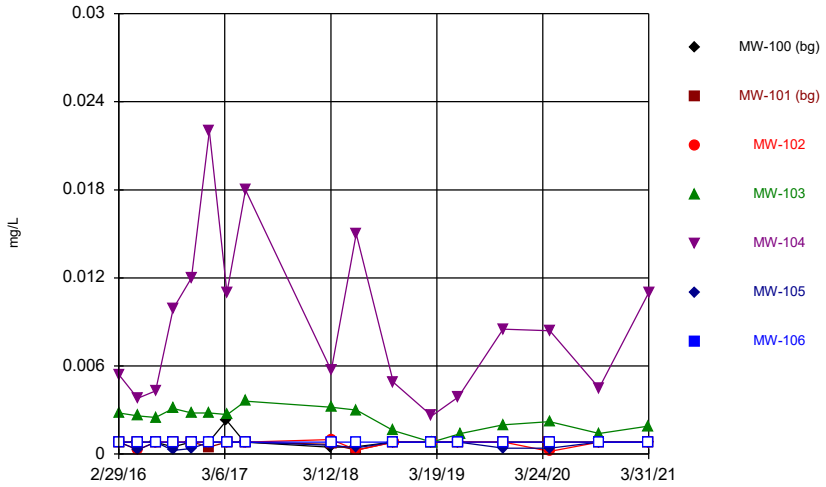
Time Series



Constituent: Molybdenum Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

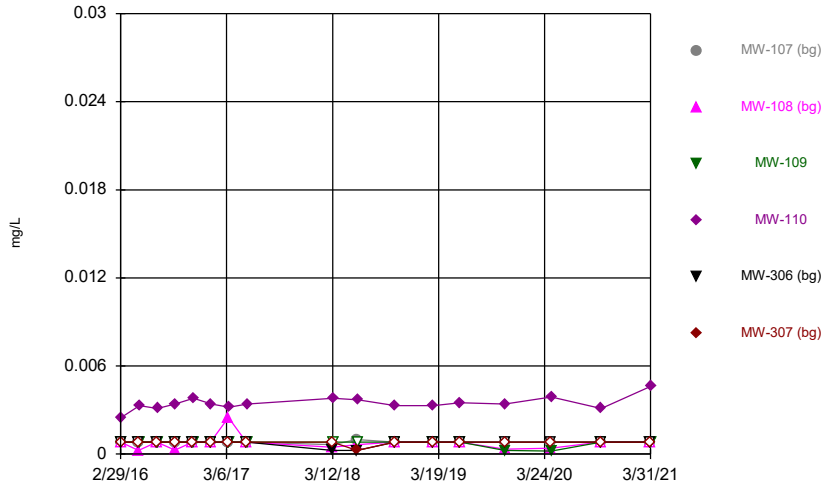
Time Series



Constituent: Selenium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

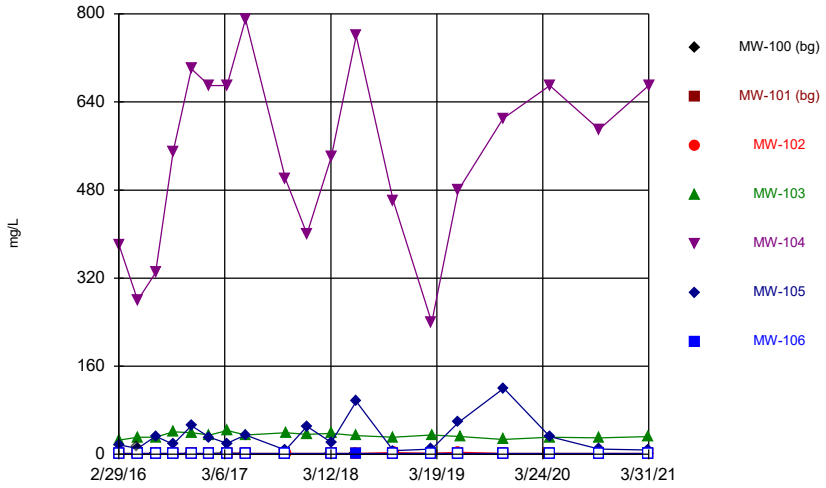
Time Series



Constituent: Selenium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

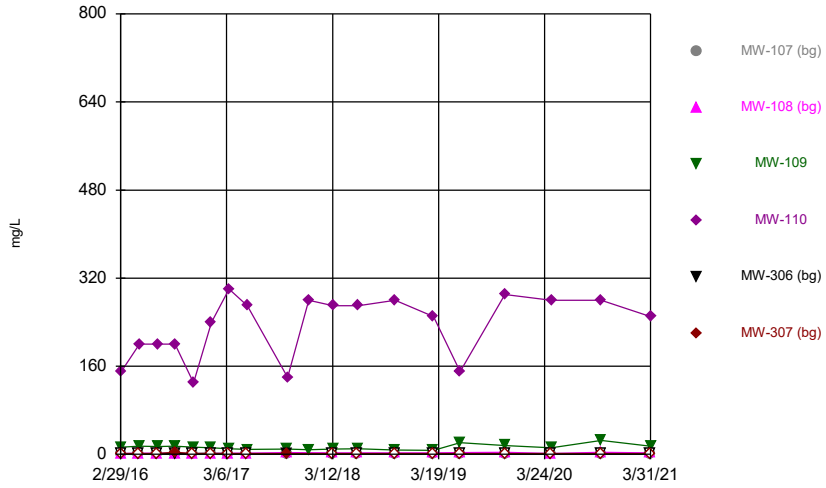
Time Series



Constituent: Sulfate Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

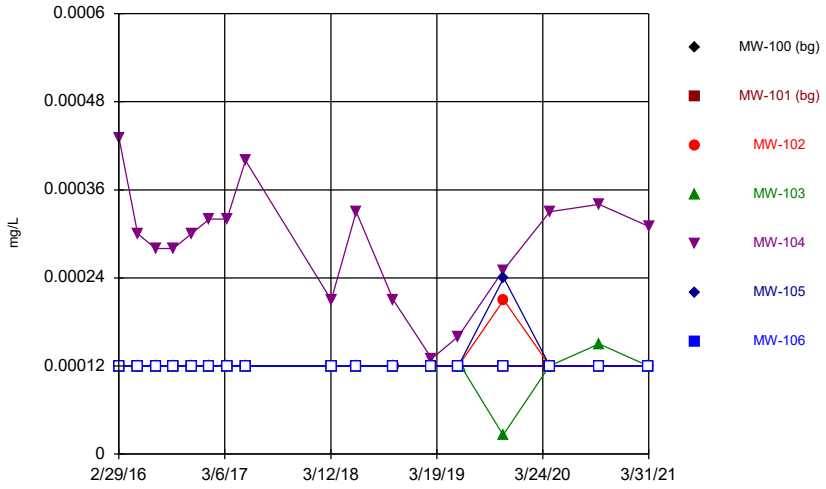
Time Series



Constituent: Sulfate Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

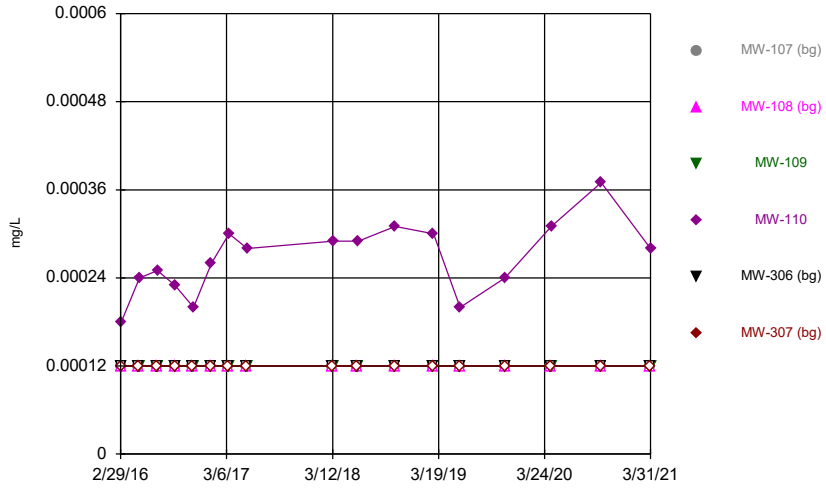
Time Series



Constituent: Thallium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

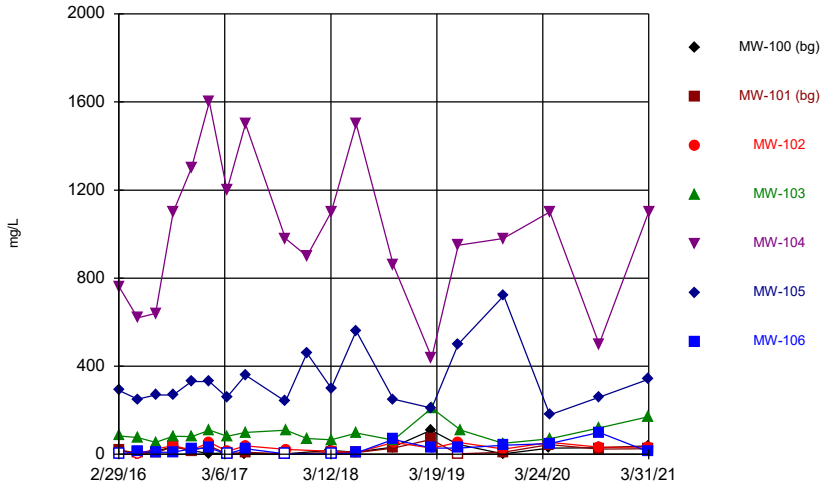
Time Series



Constituent: Thallium Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

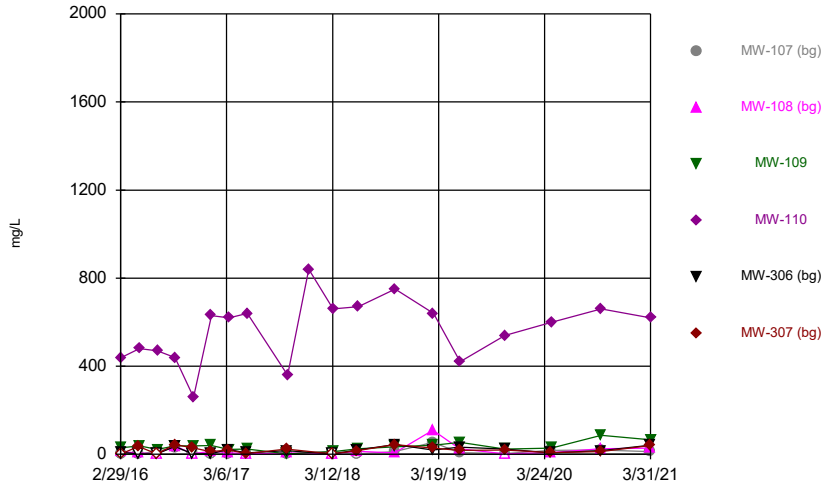
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:00 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.0015	<0.0015					
3/1/2016			<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
5/2/2016	<0.0015						
5/4/2016		<0.0015					<0.0015
5/5/2016			<0.0015	<0.0015	<0.0015	<0.0015	
7/5/2016	<0.0015						
7/7/2016			<0.0015	<0.0015	<0.0015	<0.0015	
7/8/2016		<0.0015					<0.0015
9/6/2016	<0.0015	<0.0015	<0.0015				
9/7/2016				<0.0015	<0.0015	<0.0015	<0.0015
11/7/2016	<0.0015						
11/9/2016					<0.0015	<0.0015	<0.0015
11/10/2016		<0.0015	<0.0015	<0.0015			
1/9/2017	<0.0015						
1/11/2017		<0.0015			<0.0015	<0.0015	<0.0015
1/12/2017			<0.0015	<0.0015			
3/13/2017	<0.0015						
3/14/2017		<0.0015			<0.0015	<0.0015	<0.0015
3/15/2017			<0.0015	<0.0015			
5/15/2017	<0.0015						
5/18/2017		<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
3/12/2018	<0.0015						
3/14/2018		<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
6/5/2018	<0.0015						
6/10/2018		<0.0015			<0.0015	<0.0015	<0.0015
6/11/2018			<0.0015	<0.0015			
10/16/2018	<0.0015						
10/18/2018		<0.0015					
2/27/2019	<0.0015	<0.0015					
3/1/2019					<0.0015	<0.0015	<0.0015
3/2/2019			<0.0015	<0.0015			
4/16/2020	<0.0015	<0.0015					
4/17/2020				<0.0015			<0.0015
4/18/2020			<0.0015		<0.0015	<0.0015	
10/7/2020	<0.0015	<0.0015					
10/8/2020			<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
3/29/2021	<0.0015	<0.0015					
3/30/2021			<0.0015	<0.0015		<0.0015	<0.0015
3/31/2021					<0.0015		

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.0015	<0.0015				
3/1/2016					<0.0015	<0.0015
3/2/2016			<0.0015	<0.0015		
5/2/2016	<0.0015	<0.0015				<0.0015
5/3/2016					<0.0015	
5/5/2016			<0.0015	<0.0015		
7/5/2016	<0.0015	<0.0015			<0.0015	<0.0015
7/7/2016			<0.0015	<0.0015		
9/6/2016	<0.0015	<0.0015			<0.0015	<0.0015
9/7/2016			<0.0015	<0.0015		
11/7/2016	<0.0015	<0.0015			<0.0015	<0.0015
11/10/2016			<0.0015	<0.0015		
1/9/2017	<0.0015	<0.0015			<0.0015	<0.0015
1/12/2017			<0.0015	<0.0015		
3/13/2017	<0.0015	<0.0015			<0.0015	<0.0015
3/14/2017			<0.0015			
3/15/2017				<0.0015		
5/15/2017	<0.0015	<0.0015			<0.0015	<0.0015
5/18/2017			<0.0015	<0.0015		
3/12/2018	<0.0015	<0.0015			<0.0015	<0.0015
3/14/2018			<0.0015	<0.0015		
6/5/2018	<0.0015	<0.0015				
6/6/2018					<0.0015	<0.0015
6/11/2018			<0.0015	<0.0015		
10/16/2018	<0.0015	<0.0015				
10/17/2018					<0.0015	<0.0015
2/27/2019	<0.0015	<0.0015			<0.0015	<0.0015
3/1/2019			<0.0015	<0.0015		
4/16/2020	<0.0015	<0.0015			<0.0015	<0.0015
4/17/2020			<0.0015	<0.0015		
10/7/2020	<0.0015	<0.0015			<0.0015	<0.0015
10/9/2020			<0.0015	<0.0015		
3/29/2021	<0.0015	<0.0015			<0.0015	<0.0015
3/31/2021			<0.0015	<0.0015		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00039					
3/1/2016			<0.00039	<0.00039	0.0085	0.0039 (J)	<0.00039
5/2/2016	<0.00039						
5/4/2016		<0.00039					<0.00039
5/5/2016			<0.00039	<0.00039	0.0077	0.0039	
7/5/2016	<0.00039						
7/7/2016			<0.00039	<0.00039	0.0082	0.0037	
7/8/2016		<0.00039					<0.00039
9/6/2016	<0.00039	<0.00039	<0.00039				
9/7/2016				<0.00039	0.012	0.0032	<0.00039
11/7/2016	<0.00039						
11/9/2016					0.0071	0.0038	<0.00039
11/10/2016		<0.00039	0.0005 (J)	0.00051 (J)			
1/9/2017	<0.00039						
1/11/2017		<0.00039			0.0071	0.0035	<0.00039
1/12/2017			<0.00039	<0.00039			
3/13/2017	0.00069 (J)						
3/14/2017		<0.00039			0.0067	0.0036	<0.00039
3/15/2017			<0.00039	<0.00039			
5/15/2017	<0.00039						
5/18/2017		<0.00039	<0.00039	<0.00039	0.0087	0.0036	<0.00039
3/12/2018	<0.00039						
3/14/2018		<0.00039	<0.00039	<0.00039	0.0027	0.0039	<0.00039
6/5/2018	<0.00039						
6/10/2018		0.00046 (J)			0.0047	0.0034	<0.00039
6/11/2018			<0.00039	<0.00039			
10/16/2018	<0.00039						
10/18/2018		<0.00039		<0.00039	0.0019	0.0044	<0.00039
10/19/2018			<0.00039				
2/27/2019	<0.00039	<0.00039					
3/1/2019					<0.00039	0.0047	<0.00039
3/2/2019			<0.00039	<0.00039			
5/31/2019	<0.00039	<0.00039					
6/3/2019			<0.00039		0.003	0.0045	<0.00039
6/11/2019				<0.00039			
11/6/2019	0.0002 (J)	0.00019 (J)					
11/7/2019				0.00019 (J)	8.9E-05 (J)		
11/9/2019			<0.00039			0.0045	<0.00039
4/16/2020	<0.00039	<0.00039					
4/17/2020				<0.00039			<0.00039
4/18/2020			<0.00039		0.0014	0.0054	
10/7/2020	<0.00039	0.00056 (J)					
10/8/2020			<0.00039	0.0021	0.0019	0.0046	<0.00039
3/29/2021	<0.00039	0.00078					
3/30/2021			<0.00039	<0.00039		0.0082	<0.00039
3/31/2021					0.00048		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00039	<0.00039				
3/1/2016					<0.00039	0.00038 (J)
3/2/2016			<0.00039	<0.00039		
5/2/2016	<0.00039	<0.00039				0.00073 (J)
5/3/2016					<0.00039	
5/5/2016			<0.00039	0.00061 (J)		
7/5/2016	<0.00039	<0.00039			<0.00039	0.00077 (J)
7/7/2016			<0.00039	<0.00039		
9/6/2016	<0.00039	<0.00039			<0.00039	0.0013
9/7/2016			<0.00039	<0.00039		
11/7/2016	<0.00039	<0.00039			<0.00039	<0.00039
11/10/2016			<0.00039	0.00047 (J)		
1/9/2017	<0.00039	<0.00039			<0.00039	0.00053 (J)
1/12/2017			<0.00039	<0.00039		
3/13/2017	<0.00039	0.00069 (J)			<0.00039	<0.00039
3/14/2017			<0.00039			
3/15/2017				<0.00039		
5/15/2017	<0.00039	<0.00039			<0.00039	<0.00039
5/18/2017			<0.00039	0.00051 (J)		
3/12/2018	<0.00039	<0.00039			<0.00039	<0.00039
3/14/2018			<0.00039	0.00056 (J)		
6/5/2018	<0.00039	<0.00039				
6/6/2018					<0.00039	<0.00039
6/11/2018			<0.00039	0.0005 (J)		
10/16/2018	<0.00039	<0.00039				
10/17/2018					<0.00039	<0.00039
10/18/2018			<0.00039	<0.00039		
2/27/2019	<0.00039	<0.00039			<0.00039	<0.00039
3/1/2019			<0.00039	<0.00039		
5/31/2019	<0.00039	<0.00039			<0.00039	<0.00039
6/3/2019			<0.00039	<0.00039		
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	<0.00039	<0.00039			<0.00039	<0.00039
4/17/2020			<0.00039	0.00012 (J)		
10/7/2020	<0.00039	<0.00039			0.00064 (J)	<0.00039
10/9/2020			<0.00039	<0.00039		
3/29/2021	<0.00039	0.00054			<0.00039	0.00042
3/31/2021			0.0011	<0.00039		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	
10/7/2020	0.02	0.0088					
10/8/2020			0.0086	0.037	0.022	0.028	0.0099
3/29/2021	0.019	0.0097					
3/30/2021			0.0096	0.033		0.028	0.011
3/31/2021					0.023		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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		
10/7/2020	0.012	0.011			0.013	0.016
10/9/2020			0.026	0.026		
3/29/2021	0.011	0.011			0.013	0.017
3/31/2021			0.027	0.025		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00017	<0.00017					
3/1/2016			<0.00017	<0.00017	0.0013 (J)	<0.00017	<0.00017
5/2/2016	<0.00017						
5/4/2016		<0.00017					<0.00017
5/5/2016			<0.00017	<0.00017	0.00088 (J)	<0.00017	
7/5/2016	<0.00017						
7/7/2016			<0.00017	<0.00017	0.001 (J)	<0.00017	
7/8/2016		<0.00017					<0.00017
9/6/2016	<0.00017	<0.00017	<0.00017				
9/7/2016				<0.00017	0.00078 (J)	<0.00017	<0.00017
11/7/2016	<0.00017						
11/9/2016					0.0012 (J)	<0.00017	<0.00017
11/10/2016		<0.00017	<0.00017	<0.00017			
1/9/2017	<0.00017						
1/11/2017		<0.00017			0.0014 (J)	<0.00017	<0.00017
1/12/2017			<0.00017	<0.00017			
3/13/2017	<0.00017						
3/14/2017		<0.00017			0.0013 (J)	<0.00017	<0.00017
3/15/2017			<0.00017	<0.00017			
5/15/2017	<0.00017						
5/18/2017		<0.00017	<0.00017	<0.00017	0.0016 (J)	<0.00017	<0.00017
3/12/2018	<0.00017						
3/14/2018		<0.00017	<0.00017	<0.00017	0.0011 (J)	<0.00017	<0.00017
6/5/2018	<0.00017						
6/10/2018		<0.00017			0.0011 (J)	<0.00017	<0.00017
6/11/2018			<0.00017	<0.00017			
10/16/2018	<0.00017						
10/18/2018		<0.00017		<0.00017	0.00084 (J)	<0.00017	<0.00017
10/19/2018			<0.00017				
2/27/2019	<0.00017	<0.00017					
3/1/2019					0.00057 (J)	<0.00017	<0.00017
3/2/2019			<0.00017	<0.00017			
5/31/2019	<0.00017	<0.00017					
6/3/2019			<0.00017		0.00074 (J)	<0.00017	<0.00017
6/11/2019				<0.00017			
11/6/2019	9E-05 (J)	4.7E-05 (J)					
11/7/2019				<0.00017	0.00065		
11/9/2019			<0.00017			<0.00017	<0.00017
4/16/2020	5.4E-05 (J)	4.3E-05 (J)					
4/17/2020				<0.00017			<0.00017
4/18/2020			0.00011 (J)		0.00096	<0.00017	
10/7/2020	0.0014 (J)	0.0014 (J)					
10/8/2020			<0.00017	<0.00017	0.00039 (J)	<0.00017	<0.00017
3/29/2021	<0.00017	<0.00017					
3/30/2021			<0.00017	<0.00017		<0.00017	<0.00017
3/31/2021					0.0007		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00017	<0.00017				
3/1/2016					<0.00017	<0.00017
3/2/2016			<0.00017	<0.00017		
5/2/2016	<0.00017	<0.00017				<0.00017
5/3/2016					<0.00017	
5/5/2016			<0.00017	<0.00017		
7/5/2016	<0.00017	<0.00017			<0.00017	<0.00017
7/7/2016			<0.00017	<0.00017		
9/6/2016	<0.00017	<0.00017			<0.00017	<0.00017
9/7/2016			<0.00017	<0.00017		
11/7/2016	<0.00017	<0.00017			<0.00017	<0.00017
11/10/2016			<0.00017	<0.00017		
1/9/2017	<0.00017	<0.00017			<0.00017	<0.00017
1/12/2017			<0.00017	<0.00017		
3/13/2017	<0.00017	<0.00017			<0.00017	<0.00017
3/14/2017			<0.00017			
3/15/2017				<0.00017		
5/15/2017	<0.00017	<0.00017			<0.00017	<0.00017
5/18/2017			<0.00017	<0.00017		
3/12/2018	<0.00017	<0.00017			<0.00017	<0.00017
3/14/2018			<0.00017	<0.00017		
6/5/2018	<0.00017	<0.00017				
6/6/2018					<0.00017	<0.00017
6/11/2018			<0.00017	<0.00017		
10/16/2018	<0.00017	<0.00017				
10/17/2018					<0.00017	<0.00017
10/18/2018			<0.00017	<0.00017		
2/27/2019	<0.00017	<0.00017			<0.00017	<0.00017
3/1/2019			<0.00017	<0.00017		
5/31/2019	<0.00017	<0.00017			<0.00017	<0.00017
6/3/2019			<0.00017	<0.00017		
11/6/2019	6.6E-05 (J)	<0.00017			<0.00017	<0.00017
11/7/2019			<0.00017	8.4E-05 (J)		
4/16/2020	6.1E-05 (J)	<0.00017			<0.00017	<0.00017
4/17/2020			4.4E-05 (J)	0.00013 (J)		
10/7/2020	0.0015 (J)	0.0015 (J)			0.0014 (J)	0.0014 (J)
10/9/2020			<0.00017	<0.00017		
3/29/2021	<0.00017	<0.00017			<0.00017	<0.00017
3/31/2021			<0.00017	<0.00017		

Time Series

Constituent: Boron (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.018	<0.018					
3/1/2016			<0.018	<0.018 (*)	8.7	<0.018 (*)	<0.018
5/2/2016	<0.018						
5/4/2016		<0.018					<0.018 (*)
5/5/2016			<0.018	<0.018 (*)	7.8	<0.018 (*)	
7/5/2016	<0.018						
7/7/2016			<0.018	0.33	7	1	
7/8/2016		<0.018					<0.018
9/6/2016	<0.018	<0.018	<0.018				
9/7/2016				0.37	12	0.53	0.022 (J)
11/7/2016	<0.018						
11/9/2016					9.6	1.6	<0.018
11/10/2016		<0.018	<0.018	0.43			
1/9/2017	<0.018						
1/11/2017		<0.018			11	0.9	<0.018
1/12/2017			<0.018	0.44			
3/13/2017	<0.018						
3/14/2017		<0.018			10	0.63	0.071
3/15/2017			<0.018	0.46			
5/15/2017	<0.018						
5/18/2017		<0.018	<0.018	0.44	15	1.5	<0.018 (*)
10/2/2017	<0.018						
10/5/2017		<0.018			12	0.32	<0.018
10/6/2017			<0.018	0.37			
12/19/2017				0.35 (R)	11 (R)	1.6 (R)	
3/12/2018	<0.018						
3/14/2018		<0.018	<0.018	0.32	11	0.7	<0.018
6/5/2018	<0.018						
6/10/2018		<0.018			12	2.4	0.066
6/11/2018			<0.018	0.26			
10/16/2018	<0.018						
10/18/2018		0.081		0.25	9.6	0.43	0.067
10/19/2018			0.34				
2/27/2019	<0.018	<0.018					
3/1/2019					6.5	0.4	0.048 (J)
3/2/2019			<0.018	<0.018			
5/31/2019	<0.018	<0.018					
6/3/2019			0.17		11	1.7	<0.018
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	
10/7/2020	<0.018	<0.018					
10/8/2020			0.033 (J)	0.31	12	0.37	0.031 (J)
3/29/2021	<0.018	<0.018					
3/30/2021			<0.018	0.23		0.22	<0.018
3/31/2021					8.9		

Time Series

Constituent: Boron (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.018	<0.018				
3/1/2016					<0.018	<0.018
3/2/2016			<0.018 (*)	3		
5/2/2016	<0.018	<0.018				<0.018
5/3/2016					<0.018	
5/5/2016			<0.018 (*)	2.9		
7/5/2016	<0.018	<0.018			<0.018	<0.018
7/7/2016			0.1	3		
9/6/2016	<0.018	<0.018			<0.018	<0.018
9/7/2016			0.073	3.8		
11/7/2016	<0.018	<0.018			<0.018	<0.018
11/10/2016			0.073	2.1		
1/9/2017	<0.018	<0.018			<0.018	<0.018
1/12/2017			0.059	4		
3/13/2017	<0.018	0.022 (J)			<0.018	<0.018
3/14/2017			0.044 (J)			
3/15/2017				4.2		
5/15/2017	<0.018	<0.018			<0.018	<0.018
5/18/2017			<0.018 (*)	4.4		
10/2/2017	<0.018	0.023 (J)			<0.018	<0.018
10/5/2017			0.047 (J)			
10/6/2017				2.3		
12/19/2017				5.3 (R)		
3/12/2018	<0.018	<0.018			<0.018	<0.018
3/14/2018			<0.018	4.6		
6/5/2018	<0.018	<0.018				
6/6/2018					<0.018	<0.018
6/11/2018			0.11	4.2		
10/16/2018	<0.018	<0.018				
10/17/2018					<0.018	<0.018
10/18/2018			0.15	4.3		
2/27/2019	<0.018	<0.018			<0.018	<0.018
3/1/2019			0.23	3.8		
5/31/2019	<0.018	<0.018			<0.018	<0.018
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		
10/7/2020	<0.018	<0.018			<0.018	<0.018
10/9/2020			0.37	4.8		
3/29/2021	<0.018	<0.018			<0.018	<0.018
3/31/2021			0.2	3.8		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00028	<0.00028					
3/1/2016			<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
5/2/2016	<0.00028						
5/4/2016		<0.00028					<0.00028
5/5/2016			<0.00028	<0.00028	<0.00028	<0.00028	
7/5/2016	<0.00028						
7/7/2016			<0.00028	<0.00028	<0.00028	<0.00028	
7/8/2016		<0.00028					<0.00028
9/6/2016	<0.00028	<0.00028	<0.00028				
9/7/2016				<0.00028	<0.00028	<0.00028	<0.00028
11/7/2016	<0.00028						
11/9/2016					<0.00028	<0.00028	<0.00028
11/10/2016		<0.00028	<0.00028	<0.00028			
1/9/2017	<0.00028						
1/11/2017		<0.00028			0.00049 (J)	<0.00028	<0.00028
1/12/2017			<0.00028	<0.00028			
3/13/2017	<0.00028						
3/14/2017		<0.00028			<0.00028	<0.00028	<0.00028
3/15/2017			<0.00028	<0.00028			
5/15/2017	<0.00028						
5/18/2017		<0.00028	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
3/12/2018	<0.00028						
3/14/2018		<0.00028	<0.00028	<0.00028	0.00052 (J)	<0.00028	<0.00028
6/5/2018	<0.00028						
6/10/2018		<0.00028			0.00049 (J)	<0.00028	<0.00028
6/11/2018			<0.00028	<0.00028			
10/16/2018	<0.00028						
10/18/2018		<0.00028		<0.00028	0.00044 (J)	<0.00028	<0.00028
10/19/2018			<0.00028				
2/27/2019	<0.00028	<0.00028					
3/1/2019					0.00038 (J)	<0.00028	<0.00028
3/2/2019			<0.00028	<0.00028			
5/31/2019	<0.00028	<0.00028					
6/3/2019			<0.00028		0.0006 (J)	<0.00028	<0.00028
6/11/2019				<0.00028			
11/6/2019	<0.00028	<0.00028					
11/7/2019				<0.00028	0.00075		
11/9/2019			<0.00028			<0.00028	<0.00028
4/16/2020	<0.00028	<0.00028					
4/17/2020				<0.00028			<0.00028
4/18/2020			<0.00028		0.00037 (J)	<0.00028	
10/7/2020	<0.00028	<0.00028					
10/8/2020			<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
3/29/2021	<0.00028	<0.00028					
3/30/2021			<0.00028	<0.00028		<0.00028	<0.00028
3/31/2021					0.00056		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00028	<0.00028				
3/1/2016					<0.00028	<0.00028
3/2/2016			<0.00028	<0.00028		
5/2/2016	<0.00028	<0.00028				<0.00028
5/3/2016					<0.00028	
5/5/2016			<0.00028	<0.00028		
7/5/2016	<0.00028	<0.00028			<0.00028	<0.00028
7/7/2016			<0.00028	<0.00028		
9/6/2016	<0.00028	<0.00028			<0.00028	<0.00028
9/7/2016			<0.00028	<0.00028		
11/7/2016	<0.00028	<0.00028			<0.00028	<0.00028
11/10/2016			<0.00028	<0.00028		
1/9/2017	<0.00028	<0.00028			<0.00028	<0.00028
1/12/2017			<0.00028	<0.00028		
3/13/2017	<0.00028	<0.00028			<0.00028	<0.00028
3/14/2017			<0.00028			
3/15/2017				<0.00028		
5/15/2017	<0.00028	<0.00028			<0.00028	<0.00028
5/18/2017			<0.00028	<0.00028		
3/12/2018	<0.00028	<0.00028			<0.00028	<0.00028
3/14/2018			<0.00028	<0.00028		
6/5/2018	<0.00028	<0.00028				
6/6/2018					<0.00028	<0.00028
6/11/2018			<0.00028	<0.00028		
10/16/2018	<0.00028	<0.00028				
10/17/2018					<0.00028	<0.00028
10/18/2018			<0.00028	<0.00028		
2/27/2019	<0.00028	<0.00028			<0.00028	<0.00028
3/1/2019			<0.00028	<0.00028		
5/31/2019	<0.00028	<0.00028			<0.00028	<0.00028
6/3/2019			<0.00028	<0.00028		
11/6/2019	<0.00028	<0.00028			<0.00028	<0.00028
11/7/2019			7.8E-05 (J)	0.00032 (J)		
4/16/2020	<0.00028	<0.00028			<0.00028	<0.00028
4/17/2020			<0.00028	0.00011 (J)		
10/7/2020	<0.00028	<0.00028			<0.00028	<0.00028
10/9/2020			<0.00028	<0.00028		
3/29/2021	<0.00028	<0.00028			<0.00028	<0.00028
3/31/2021			<0.00028	<0.00028		

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	
10/7/2020	0.93	0.47					
10/8/2020			0.67	3.7	59	50	0.51
3/29/2021	1	0.43					
3/30/2021			0.47	3.6		68	0.49
3/31/2021					74		

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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		
10/7/2020	0.43	1.6			0.63	0.67
10/9/2020			5.9	31		
3/29/2021	0.46	1.6			0.68	0.75
3/31/2021			3.3	23		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	
10/7/2020	6.6	5.9					
10/8/2020			6.4	18	95	26	5
3/29/2021	10	5.8					
3/30/2021			6.4	12		18	5
3/31/2021					120		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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		
10/7/2020	5.7	5.1			6.1	4.7
10/9/2020			22	100		
3/29/2021	5.2	5			6.2	5.4
3/31/2021			18	110		

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.001	0.0023 (J)	<0.001
5/2/2016	0.0029						
5/4/2016		<0.001					<0.001
5/5/2016			<0.001	<0.001	0.0014 (J)	<0.001	
7/5/2016	<0.001						
7/7/2016			<0.001	<0.001	0.0014 (J)	0.002 (J)	
7/8/2016		<0.001					<0.001
9/6/2016	<0.001	<0.001	<0.001				
9/7/2016				<0.001	0.0019 (J)	0.0029	<0.001
11/7/2016	<0.001						
11/9/2016					0.0023 (J)	0.0025	<0.001
11/10/2016		<0.001	<0.001	<0.001			
1/9/2017	<0.001						
1/11/2017		<0.001			0.0024 (J)	0.002 (J)	<0.001
1/12/2017			<0.001	<0.001			
3/13/2017	<0.001						
3/14/2017		<0.001			0.0023 (J)	0.0025	<0.001
3/15/2017			<0.001	<0.001			
5/15/2017	<0.001						
5/18/2017		<0.001	<0.001	<0.001	0.0023 (J)	0.002 (J)	<0.001
3/12/2018	<0.001						
3/14/2018		<0.001	<0.001	<0.001	0.0023 (J)	0.0022 (J)	<0.001
6/5/2018	<0.001						
6/10/2018		<0.001			0.0022 (J)	0.002 (J)	<0.001
6/11/2018			<0.001	<0.001			
10/16/2018	<0.001						
10/18/2018		<0.001		<0.001	0.0016 (J)	0.0029	<0.001
10/19/2018			<0.001				
2/27/2019	<0.001	<0.001					
3/1/2019					<0.001	0.0026	<0.001
3/2/2019			0.0028	0.0052			
5/31/2019	<0.001	<0.001					
6/3/2019			<0.001		0.0015 (J)	0.0022 (J)	<0.001
6/11/2019				0.0011 (J)			
11/6/2019	<0.001	<0.001					
11/7/2019				0.00028 (J)	<0.001		
11/9/2019			0.00037 (J)			0.0022 (J)	<0.001
4/16/2020	<0.001	<0.001					
4/17/2020				0.00026 (J)			<0.001
4/18/2020			<0.001		0.0016	0.0029	
10/7/2020	<0.001	0.0046					
10/8/2020			<0.001	<0.001	0.0031	0.0028	0.0019 (J)
3/29/2021	<0.001	0.0024					
3/30/2021			<0.001	<0.001		0.0015	<0.001
3/31/2021					<0.001		

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	0.00056 (J)
3/2/2016			<0.001	<0.001		
5/2/2016	0.0019 (J)	0.0034				0.0021 (J)
5/3/2016					0.0012 (J)	
5/5/2016			<0.001	<0.001		
7/5/2016	0.0051	0.0059			<0.001	<0.001
7/7/2016			<0.001	<0.001		
9/6/2016	<0.001	<0.001			<0.001	<0.001
9/7/2016			<0.001	<0.001		
11/7/2016	<0.001	<0.001			<0.001	<0.001
11/10/2016			<0.001	<0.001		
1/9/2017	0.017 (o)	<0.001			<0.001	<0.001
1/12/2017			<0.001	<0.001		
3/13/2017	<0.001	<0.001			<0.001	<0.001
3/14/2017			<0.001			
3/15/2017				<0.001		
5/15/2017	<0.001	<0.001			<0.001	<0.001
5/18/2017			<0.001	<0.001		
3/12/2018	<0.001	<0.001			<0.001	<0.001
3/14/2018			<0.001	<0.001		
6/5/2018	<0.001	<0.001				
6/6/2018					<0.001	<0.001
6/11/2018			<0.001	<0.001		
10/16/2018	<0.001	<0.001				
10/17/2018					<0.001	<0.001
10/18/2018			<0.001	<0.001		
2/27/2019	<0.001	<0.001			<0.001	<0.001
3/1/2019			<0.001	<0.001		
5/31/2019	<0.001	<0.001			<0.001	<0.001
6/3/2019			<0.001	<0.001		
11/6/2019	<0.001	<0.001			<0.001	<0.001
11/7/2019			<0.001	0.00042 (J)		
4/16/2020	<0.001	<0.001			<0.001	<0.001
4/17/2020			<0.001	0.0004 (J)		
10/7/2020	0.001 (J)	0.0015 (J)			0.0033	0.0017 (J)
10/9/2020			<0.001	0.0016 (J)		
3/29/2021	<0.001	<0.001			<0.001	<0.001
3/31/2021			0.016	<0.001		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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)	<0.00056					
3/1/2016			<0.00056	0.001 (J)	0.017	<0.00056	0.0007 (J)
5/2/2016	0.0013 (J)						
5/4/2016		<0.00056					0.001 (J)
5/5/2016			<0.00056	0.00064 (J)	0.012	<0.00056	
7/5/2016	0.00049 (J)						
7/7/2016			<0.00056	<0.00056	0.012	<0.00056	
7/8/2016		<0.00056					0.00057 (J)
9/6/2016	0.00062 (J)	0.00042 (J)	<0.00056				
9/7/2016				0.00044 (J)	0.018	<0.00056	0.00061 (J)
11/7/2016	0.00049 (J)						
11/9/2016					0.022	<0.00056	0.00055 (J)
11/10/2016		<0.00056	<0.00056	<0.00056			
1/9/2017	0.00045 (J)						
1/11/2017		<0.00056			0.025	<0.00056	0.00045 (J)
1/12/2017			<0.00056	<0.00056			
3/13/2017	0.00048 (J)						
3/14/2017		<0.00056			0.019	<0.00056	0.00059 (J)
3/15/2017			<0.00056	<0.00056			
5/15/2017	0.00052 (J)						
5/18/2017		<0.00056	<0.00056	<0.00056	0.023	<0.00056	0.00059 (J)
3/12/2018	0.00055 (J)						
3/14/2018		<0.00056	<0.00056	<0.00056	0.014	<0.00056	0.00044 (J)
6/5/2018	0.00051 (J)						
6/10/2018		<0.00056			0.029	<0.00056	0.0004 (J)
6/11/2018			<0.00056	<0.00056			
10/16/2018	0.00058 (J)						
10/18/2018		<0.00056		<0.00056	0.016	<0.00056	<0.00056
10/19/2018			<0.00056				
2/27/2019	0.00065 (J)	<0.00056					
3/1/2019					0.009	<0.00056	<0.00056
3/2/2019			<0.00056	0.00041 (J)			
5/31/2019	0.00046 (J)	<0.00056					
6/3/2019			<0.00056		0.015	<0.00056	<0.00056
6/11/2019				<0.00056			
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)	
10/7/2020	0.0006 (J)	<0.00056					
10/8/2020			<0.00056	<0.00056	0.017	<0.00056	<0.00056
3/29/2021	0.00059	<0.00056					
3/30/2021			<0.00056	<0.00056		<0.00056	<0.00056
3/31/2021					0.018		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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			<0.00056	0.00055 (J)
7/7/2016			0.0043	0.0041		
9/6/2016	0.00062 (J)	<0.00056			0.00094 (J)	0.00057 (J)
9/7/2016			0.0049	0.0047		
11/7/2016	0.00058 (J)	<0.00056			0.00041 (J)	0.00047 (J)
11/10/2016			0.004	0.0043		
1/9/2017	0.00059 (J)	<0.00056			0.00074 (J)	0.00054 (J)
1/12/2017			0.0045	0.0048		
3/13/2017	0.0005 (J)	<0.00056			0.00091 (J)	0.0004 (J)
3/14/2017			0.0039			
3/15/2017				0.0066		
5/15/2017	0.00046 (J)	<0.00056			0.00075 (J)	0.00046 (J)
5/18/2017			0.005	0.0065		
3/12/2018	0.00055 (J)	<0.00056			0.00044 (J)	<0.00056
3/14/2018			0.0038	0.012		
6/5/2018	0.00052 (J)	<0.00056				
6/6/2018					0.0004 (J)	0.00048 (J)
6/11/2018			0.0044	0.0096		
10/16/2018	0.00045 (J)	<0.00056				
10/17/2018					<0.00056	0.00043 (J)
10/18/2018			0.0036	0.025		
2/27/2019	0.00056 (J)	<0.00056			<0.00056	0.00045 (J)
3/1/2019			0.0052	0.02		
5/31/2019	<0.00056	<0.00056			<0.00056	<0.00056
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		
10/7/2020	<0.00056	<0.00056			<0.00056	<0.00056
10/9/2020			0.0072	0.015		
3/29/2021	<0.00056	<0.00056			<0.00056	0.00062
3/31/2021			0.0023	0.0091		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	
10/7/2020	1.14	1.07					
10/8/2020			1.08	5.59	13.6	2.03	1.49
3/29/2021	1.72	0.561					
3/30/2021			1.46	5.05		3.57	1.8
3/31/2021					21		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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		
10/7/2020	0.763	1.75			0.709 (U)	0.46 (U)
10/9/2020			4	5.63		
3/29/2021	0.708				0.899	0.642
3/30/2021		1.71				
3/31/2021			3.92	5.69		

Time Series

Constituent: Field pH (SU) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	
10/7/2020	4.74	5.08					
10/8/2020			4.87	4.98	4.13	6.29	5.34
3/29/2021	4.79	4.92					
3/30/2021			4.82	5.04		6.31	4.98
3/31/2021					3.7		

Time Series

Constituent: Field pH (SU) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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		
10/7/2020	4.91	4.8			5.13	5.5
10/9/2020			4.77	4.9		
3/29/2021	4.89	4.8			4.93	5.46
3/31/2021			4.64	4.85		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.032	<0.032					
3/1/2016			<0.032	0.037 (J)	0.46	0.041 (J)	<0.032
5/2/2016	<0.032						
5/4/2016		<0.032					<0.032
5/5/2016			<0.032	<0.032	0.27	<0.032	
7/5/2016	<0.032						
7/7/2016			<0.032	<0.032	0.29	<0.032	
7/8/2016		<0.032					<0.032
9/6/2016	<0.032	<0.032	<0.032				
9/7/2016				<0.032	0.33	<0.032	<0.032
11/7/2016	<0.032						
11/9/2016					0.29	<0.032	<0.032
11/10/2016		<0.032	<0.032	<0.032			
1/9/2017	<0.032						
1/11/2017		<0.032			0.42	<0.032	<0.032
1/12/2017			<0.032	<0.032			
3/13/2017	<0.032						
3/14/2017		<0.032			0.34	<0.032	<0.032
3/15/2017			<0.032	<0.032			
5/15/2017	<0.032						
5/18/2017		<0.032	<0.032	<0.032	0.47	<0.032	<0.032
10/2/2017	<0.032						
10/5/2017		<0.032			0.22	<0.032	<0.032
10/6/2017			<0.032	<0.032			
12/19/2017					0.26 (R)		
3/12/2018	<0.032						
3/14/2018		0.12	<0.032	<0.032	0.3	<0.032	<0.032
6/5/2018	<0.032						
6/10/2018		<0.032			0.38	<0.032	<0.032
6/11/2018			<0.032	<0.032			
10/16/2018	<0.032						
10/18/2018		<0.032		<0.032	0.26	0.04 (J)	<0.032
10/19/2018			<0.032				
2/27/2019	<0.032	<0.032					
3/1/2019					0.1	<0.032	<0.032
3/2/2019			<0.032	<0.032			
5/31/2019	<0.032	<0.032					
6/3/2019			<0.032		0.22	0.04 (J)	<0.032
6/11/2019				<0.032			
11/6/2019	<0.032	<0.032					
11/7/2019				<0.032	0.21		
11/9/2019			<0.032			<0.032	<0.032
4/16/2020	<0.032	<0.032					
4/17/2020				<0.032			<0.032
4/18/2020			<0.032		0.3	0.04 (J)	
10/7/2020	<0.032	<0.032					
10/8/2020			<0.032	0.24	0.26	0.04 (J)	<0.032
3/29/2021	0.06	<0.032					
3/30/2021			<0.032	<0.032		0.04	<0.032
3/31/2021					0.34		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.032	<0.032				
3/1/2016					<0.032	0.033 (J)
3/2/2016			<0.032	0.039 (J)		
5/2/2016	<0.032	<0.032				<0.032
5/3/2016					<0.032	
5/5/2016			<0.032	<0.032		
7/5/2016	<0.032	<0.032			<0.032	<0.032
7/7/2016			<0.032	<0.032		
9/6/2016	<0.032	<0.032			<0.032	<0.032
9/7/2016			<0.032	<0.032		
11/7/2016	<0.032	<0.032			<0.032	<0.032
11/10/2016			<0.032	<0.032		
1/9/2017	<0.032	<0.032			<0.032	<0.032
1/12/2017			<0.032	<0.032		
3/13/2017	<0.032	<0.032			<0.032	<0.032
3/14/2017			<0.032			
3/15/2017				<0.032		
5/15/2017	<0.032	<0.032			<0.032	<0.032
5/18/2017			<0.032	<0.032		
10/2/2017	<0.032	<0.032			<0.032	<0.032
10/5/2017			<0.032			
10/6/2017				<0.032		
3/12/2018	<0.032	<0.032			<0.032	<0.032
3/14/2018			<0.032	<0.032		
6/5/2018	<0.032	<0.032				
6/6/2018					<0.032	<0.032
6/11/2018			<0.032	0.04 (J)		
10/16/2018	<0.032	<0.032				
10/17/2018					<0.032	<0.032
10/18/2018			<0.032	0.04 (J)		
2/27/2019	<0.032	<0.032			<0.032	<0.032
3/1/2019			<0.032	<0.032		
5/31/2019	<0.032	<0.032			<0.032	<0.032
6/3/2019			<0.032	0.04 (J)		
11/6/2019	<0.032	<0.032			<0.032	<0.032
11/7/2019			<0.032	0.04 (J)		
4/16/2020	<0.032	<0.032			<0.032	<0.032
4/17/2020			<0.032	0.04 (J)		
10/7/2020	<0.032	<0.032			<0.032	<0.032
10/9/2020			<0.032	<0.032		
3/29/2021	<0.032	<0.032			<0.032	<0.032
3/31/2021			<0.032	0.04		

Time Series

Constituent: Lead (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00029	<0.00029					
3/1/2016			<0.00029	<0.00029	0.0018 (J)	<0.00029	<0.00029
5/2/2016	<0.00029						
5/4/2016		<0.00029					<0.00029
5/5/2016			<0.00029	<0.00029	0.0015	<0.00029	
7/5/2016	<0.00029						
7/7/2016			<0.00029	<0.00029	0.0018	<0.00029	
7/8/2016		<0.00029					<0.00029
9/6/2016	<0.00029	<0.00029	<0.00029				
9/7/2016				<0.00029	0.0024	<0.00029	<0.00029
11/7/2016	<0.00029						
11/9/2016					0.0023	<0.00029	<0.00029
11/10/2016		<0.00029	<0.00029	<0.00029			
1/9/2017	<0.00029						
1/11/2017		<0.00029			0.0027	<0.00029	<0.00029
1/12/2017			<0.00029	<0.00029			
3/13/2017	<0.00029						
3/14/2017		<0.00029			0.0024	<0.00029	<0.00029
3/15/2017			<0.00029	<0.00029			
5/15/2017	<0.00029						
5/18/2017		<0.00029	<0.00029	<0.00029	0.0029	<0.00029	<0.00029
3/12/2018	<0.00029						
3/14/2018		<0.00029	<0.00029	<0.00029	0.0023	<0.00029	<0.00029
6/5/2018	<0.00029						
6/10/2018		<0.00029			0.0024	<0.00029	<0.00029
6/11/2018			<0.00029	<0.00029			
10/16/2018	<0.00029						
10/18/2018		<0.00029		<0.00029	0.002	<0.00029	0.00039 (J)
10/19/2018			<0.00029				
2/27/2019	<0.00029	<0.00029					
3/1/2019					0.0012 (J)	<0.00029	<0.00029
3/2/2019			<0.00029	<0.00029			
5/31/2019	<0.00029	<0.00029					
6/3/2019			<0.00029		0.0018	0.00091 (J)	<0.00029
6/11/2019				<0.00029			
11/6/2019	0.0001 (J)	<0.00029					
11/7/2019				0.00011 (J)	0.002		
11/9/2019			0.00014 (J)			0.00012 (J)	<0.00029
4/16/2020	6.6E-05 (J)	<0.00029					
4/17/2020				<0.00029			<0.00029
4/18/2020			0.00018 (J)		0.0024	<0.00029	
10/7/2020	<0.00029	<0.00029					
10/8/2020			<0.00029	<0.00029	0.0019	<0.00029	<0.00029
3/29/2021	<0.00029	<0.00029					
3/30/2021			<0.00029	<0.00029		<0.00029	<0.00029
3/31/2021					0.0022		

Time Series

Constituent: Lead (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00029	<0.00029				
3/1/2016					<0.00029	<0.00029
3/2/2016			<0.00029	<0.00029		
5/2/2016	<0.00029	<0.00029				<0.00029
5/3/2016					<0.00029	
5/5/2016			<0.00029	<0.00029		
7/5/2016	<0.00029	<0.00029			<0.00029	<0.00029
7/7/2016			<0.00029	<0.00029		
9/6/2016	<0.00029	<0.00029			<0.00029	<0.00029
9/7/2016			<0.00029	<0.00029		
11/7/2016	<0.00029	<0.00029			<0.00029	<0.00029
11/10/2016			<0.00029	<0.00029		
1/9/2017	<0.00029	<0.00029			<0.00029	<0.00029
1/12/2017			<0.00029	<0.00029		
3/13/2017	<0.00029	<0.00029			<0.00029	<0.00029
3/14/2017			<0.00029			
3/15/2017				<0.00029		
5/15/2017	<0.00029	<0.00029			<0.00029	<0.00029
5/18/2017			<0.00029	<0.00029		
3/12/2018	<0.00029	<0.00029			<0.00029	<0.00029
3/14/2018			<0.00029	<0.00029		
6/5/2018	<0.00029	<0.00029				
6/6/2018					<0.00029	<0.00029
6/11/2018			<0.00029	<0.00029		
10/16/2018	<0.00029	<0.00029				
10/17/2018					<0.00029	<0.00029
10/18/2018			<0.00029	<0.00029		
2/27/2019	0.001 (J)	<0.00029			<0.00029	<0.00029
3/1/2019			<0.00029	<0.00029		
5/31/2019	<0.00029	<0.00029			<0.00029	<0.00029
6/3/2019			0.00067 (J)	0.00037 (J)		
11/6/2019	6.6E-05 (J)	8.4E-05 (J)			<0.00029	0.0002 (J)
11/7/2019			9.4E-05 (J)	0.0003 (J)		
4/16/2020	<0.00029	<0.00029			<0.00029	0.00016 (J)
4/17/2020			0.00011 (J)	0.00033		
10/7/2020	<0.00029	<0.00029			<0.00029	<0.00029
10/9/2020			0.0012 (J)	0.0003 (J)		
3/29/2021	<0.00029	<0.00029			<0.00029	<0.00029
3/31/2021			<0.00029	0.0004		

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.0019	<0.0019					
3/1/2016			<0.0019	<0.0019	0.057	<0.0019	<0.0019
5/2/2016	<0.0019						
5/4/2016		<0.0019					<0.0019
5/5/2016			<0.0019	<0.0019	0.044	<0.0019	
7/5/2016	<0.0019						
7/7/2016			<0.0019	<0.0019	0.04	<0.0019	
7/8/2016		<0.0019					<0.0019
9/6/2016	<0.0019	0.0037 (J)	<0.0019				
9/7/2016				<0.0019	0.033	<0.0019	0.0073
11/7/2016	<0.0019						
11/9/2016					0.035	<0.0019	<0.0019
11/10/2016		<0.0019	<0.0019	<0.0019			
1/9/2017	<0.0019						
1/11/2017		<0.0019			0.028	<0.0019	<0.0019
1/12/2017			<0.0019	<0.0019			
3/13/2017	<0.0019						
3/14/2017		<0.0019			0.037	<0.0019	0.0035 (J)
3/15/2017			<0.0019	0.0038 (J)			
5/15/2017	<0.0019						
5/18/2017		<0.0019	<0.0019	<0.0019	0.024	<0.0019	<0.0019
3/12/2018	0.0011 (J)						
3/14/2018		<0.0019	<0.0019	0.002 (J)	0.028	<0.0019	<0.0019
6/5/2018	<0.0019						
6/10/2018		<0.0019			0.019	<0.0019	<0.0019
6/11/2018			<0.0019	0.0015 (J)			
10/16/2018	<0.0019						
10/18/2018		0.0013 (J)		0.0017 (J)	0.022	<0.0019	0.0012 (J)
10/19/2018			0.0012 (J)				
2/27/2019	<0.0019	<0.0019					
3/1/2019					0.017	<0.0019	0.0012 (J)
3/2/2019			0.0014 (J)	0.0011 (J)			
5/31/2019	0.0021 (J)	0.0013 (J)					
6/3/2019			<0.0019		0.017	<0.0019	<0.0019
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)			<0.0019	0.00068 (J)
4/16/2020	0.0006 (J)	<0.0019					
4/17/2020				0.0021			0.00043 (J)
4/18/2020			<0.0019		0.017	0.00039 (J)	
10/7/2020	0.0054	0.0052					
10/8/2020			<0.0019	<0.0019	0.017	<0.0019	<0.0019
3/29/2021	<0.0019	0.0019					
3/30/2021			<0.0019	0.002		<0.0019	<0.0019
3/31/2021					0.015		

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.0019	<0.0019				
3/1/2016					<0.0019	0.0037
3/2/2016			0.0095 (J)	0.0082 (J)		
5/2/2016	<0.0019	<0.0019				<0.0019
5/3/2016					<0.0019	
5/5/2016			0.0059	0.0072		
7/5/2016	<0.0019	<0.0019			<0.0019	<0.0019
7/7/2016			0.006	0.0092		
9/6/2016	<0.0019	<0.0019			<0.0019	<0.0019
9/7/2016			0.0049 (J)	0.0069		
11/7/2016	<0.0019	<0.0019			<0.0019	0.0097 (o)
11/10/2016			0.0055	0.0045 (J)		
1/9/2017	<0.0019	<0.0019			<0.0019	<0.0019
1/12/2017			0.0045 (J)	0.0073		
3/13/2017	<0.0019	<0.0019			<0.0019	<0.0019
3/14/2017			0.0069			
3/15/2017				0.012		
5/15/2017	<0.0019	<0.0019			<0.0019	<0.0019
5/18/2017			0.0055	0.0084		
3/12/2018	0.0014 (J)	<0.0019			<0.0019	<0.0019
3/14/2018			0.0059	0.012		
6/5/2018	0.0012 (J)	<0.0019				
6/6/2018					<0.0019	0.0021 (J)
6/11/2018			0.0042 (J)	0.009		
10/16/2018	0.0015 (J)	0.0013 (J)				
10/17/2018					<0.0019	0.0012 (J)
10/18/2018			0.0062	0.011		
2/27/2019	<0.0019	<0.0019			<0.0019	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	<0.0019			0.00063 (J)	0.0012
11/7/2019			0.0052	0.014		
4/16/2020	0.00063 (J)	<0.0019			<0.0019	0.00091 (J)
4/17/2020			0.0076	0.0092		
10/7/2020	0.0054	0.0048 (J)			0.005	0.0049 (J)
10/9/2020			0.0053	0.011		
3/29/2021	<0.0019	<0.0019			<0.0019	0.0042
3/31/2021			0.0059	0.017		

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<7E-05	<7E-05					
3/1/2016			<7E-05	<7E-05	0.00089	<7E-05	<7E-05
5/2/2016	<7E-05						
5/4/2016		<7E-05					<7E-05
5/5/2016			<7E-05	<7E-05	0.00054	<7E-05	
7/5/2016	<7E-05						
7/7/2016			<7E-05	<7E-05 (*)	0.00066 (V)	<7E-05	
7/8/2016		<7E-05 (*)					<7E-05 (*)
9/6/2016	<7E-05 (*)	<7E-05	<7E-05				
9/7/2016				<7E-05	0.0016	<7E-05	<7E-05
11/7/2016	<7E-05						
11/9/2016					0.0015	<7E-05	<7E-05
11/10/2016		<7E-05	<7E-05	<7E-05			
1/9/2017	<7E-05 (*)						
1/11/2017		<7E-05			0.0025	<7E-05	<7E-05
1/12/2017			<7E-05	<7E-05			
3/13/2017	<7E-05						
3/14/2017		<7E-05 (*)			0.0012	<7E-05	<7E-05
3/15/2017			<7E-05	<7E-05 (*)			
5/15/2017	<7E-05						
5/18/2017		<7E-05	<7E-05	<7E-05	0.0014	<7E-05	<7E-05
3/12/2018	<7E-05						
3/14/2018		9.3E-05 (J)	9.4E-05 (J)	0.00012 (J)	0.0011	<7E-05	8E-05 (J)
6/5/2018	<7E-05						
6/10/2018		<7E-05			0.0014	<7E-05	<7E-05
6/11/2018			<7E-05	<7E-05			
10/16/2018	<7E-05						
10/18/2018		<7E-05		<7E-05	0.00087	<7E-05	<7E-05
10/19/2018			9.4E-05 (J)				
2/27/2019	<7E-05	<7E-05					
3/1/2019					0.00077	<7E-05	<7E-05
3/2/2019			<7E-05	<7E-05			
5/31/2019	<7E-05	<7E-05					
6/3/2019			<7E-05		0.00054	<7E-05	<7E-05
6/11/2019				<7E-05			
11/6/2019	<7E-05	<7E-05					
11/7/2019				<7E-05	0.00053		
11/9/2019			<7E-05			<7E-05	<7E-05
4/16/2020	<7E-05	<7E-05					
4/17/2020				0.00062			<7E-05
4/18/2020			<7E-05		0.00069	<7E-05	
10/7/2020	<7E-05	<7E-05					
10/8/2020			<7E-05	0.00016 (J)	0.00087	<7E-05	<7E-05
3/29/2021	<7E-05	<7E-05					
3/30/2021			<7E-05	<7E-05		<7E-05	<7E-05
3/31/2021					0.00072		

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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)	<7E-05				
3/1/2016					<7E-05	<7E-05
3/2/2016			<7E-05	0.007		
5/2/2016	7.4E-05 (J)	<7E-05				<7E-05
5/3/2016					<7E-05	
5/5/2016			<7E-05	0.006		
7/5/2016	<7E-05	<7E-05			<7E-05	<7E-05
7/7/2016			<7E-05 (*)	0.0053		
9/6/2016	<7E-05 (*)	<7E-05			<7E-05 (*)	<7E-05 (*)
9/7/2016			<7E-05	0.0067		
11/7/2016	<7E-05	<7E-05			<7E-05	<7E-05
11/10/2016			<7E-05	0.00014 (J)		
1/9/2017	<7E-05 (*)	<7E-05 (*)			<7E-05 (*)	<7E-05 (*)
1/12/2017			<7E-05	0.0052		
3/13/2017	<7E-05	<7E-05			<7E-05	<7E-05
3/14/2017			<7E-05			
3/15/2017				0.0048		
5/15/2017	<7E-05	<7E-05			<7E-05	<7E-05
5/18/2017			<7E-05	0.0074		
3/12/2018	<7E-05	<7E-05			<7E-05	<7E-05
3/14/2018			9.7E-05 (J)	0.0059		
6/5/2018	<7E-05	<7E-05				
6/6/2018					<7E-05	<7E-05
6/11/2018			<7E-05	0.0042		
10/16/2018	<7E-05	<7E-05				
10/17/2018					<7E-05	<7E-05
10/18/2018			<7E-05	0.0034		
2/27/2019	<7E-05	<7E-05			<7E-05	<7E-05
3/1/2019			<7E-05	0.0041		
5/31/2019	<7E-05	<7E-05			<7E-05	<7E-05
6/3/2019			<7E-05	0.0025		
11/6/2019	<7E-05	<7E-05			<7E-05	<7E-05
11/7/2019			0.0012	0.0034		
4/16/2020	<7E-05	<7E-05			<7E-05	<7E-05
4/17/2020			0.0032	0.0063		
10/7/2020	0.00025	0.00013 (J)			8E-05 (J)	<7E-05
10/9/2020			0.0014	0.0049		
3/29/2021	<7E-05	<7E-05			<7E-05	<7E-05
3/31/2021			0.00035	0.0055		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.0045	<0.0045					
3/1/2016			<0.0045	<0.0045	<0.0045	0.004 (J)	<0.0045
5/2/2016	<0.0045						
5/4/2016		<0.0045					<0.0045
5/5/2016			<0.0045	<0.0045	<0.0045	0.0093 (J)	
7/5/2016	<0.0045						
7/7/2016			<0.0045	<0.0045	<0.0045	0.0047 (J)	
7/8/2016		<0.0045					<0.0045
9/6/2016	<0.0045	<0.0045	<0.0045				
9/7/2016				<0.0045	<0.0045	0.004 (J)	<0.0045
11/7/2016	<0.0045						
11/9/2016					<0.0045	0.0037 (J)	<0.0045
11/10/2016		<0.0045	<0.0045	<0.0045			
1/9/2017	<0.0045						
1/11/2017		<0.0045			<0.0045	0.0052 (J)	<0.0045
1/12/2017			<0.0045	<0.0045			
3/13/2017	0.0042 (J)						
3/14/2017		<0.0045			<0.0045	0.004 (J)	<0.0045
3/15/2017			<0.0045	<0.0045			
5/15/2017	<0.0045						
5/18/2017		<0.0045	<0.0045	<0.0045	<0.0045	0.0043 (J)	<0.0045
3/12/2018	<0.0045						
3/14/2018		<0.0045	<0.0045	<0.0045	<0.0045	0.0054 (J)	<0.0045
6/5/2018	<0.0045						
6/10/2018		<0.0045			<0.0045	0.0035 (J)	<0.0045
6/11/2018			<0.0045	<0.0045			
10/16/2018	<0.0045						
10/18/2018		<0.0045		<0.0045	<0.0045	0.0032 (J)	<0.0045
10/19/2018			<0.0045				
2/27/2019	<0.0045	<0.0045					
3/1/2019					<0.0045	0.0047 (J)	<0.0045
3/2/2019			<0.0045	<0.0045			
5/31/2019	<0.0045	<0.0045					
6/3/2019			<0.0045		<0.0045	0.0033 (J)	<0.0045
6/11/2019				<0.0045			
11/6/2019	<0.0045	<0.0045					
11/7/2019				<0.0045	<0.0045		
11/9/2019			<0.0045			0.0025 (J)	<0.0045
4/16/2020	<0.0045	<0.0045					
4/17/2020				<0.0045			<0.0045
4/18/2020			<0.0045		<0.0045	0.003	
10/7/2020	<0.0045	<0.0045					
10/8/2020			<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
3/29/2021	<0.0045	<0.0045					
3/30/2021			<0.0045	<0.0045		0.005	<0.0045
3/31/2021					<0.0045		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.0045	<0.0045				
3/1/2016					<0.0045	<0.0045
3/2/2016			<0.0045	<0.0045		
5/2/2016	<0.0045	<0.0045				<0.0045
5/3/2016					<0.0045	
5/5/2016			<0.0045	<0.0045		
7/5/2016	<0.0045	<0.0045			<0.0045	<0.0045
7/7/2016			<0.0045	<0.0045		
9/6/2016	<0.0045	<0.0045			<0.0045	<0.0045
9/7/2016			<0.0045	<0.0045		
11/7/2016	<0.0045	<0.0045			<0.0045	<0.0045
11/10/2016			<0.0045	<0.0045		
1/9/2017	<0.0045	<0.0045			<0.0045	<0.0045
1/12/2017			<0.0045	<0.0045		
3/13/2017	<0.0045	0.0022 (J)			<0.0045	<0.0045
3/14/2017			<0.0045			
3/15/2017				<0.0045		
5/15/2017	<0.0045	<0.0045			<0.0045	<0.0045
5/18/2017			<0.0045	<0.0045		
3/12/2018	<0.0045	<0.0045			<0.0045	<0.0045
3/14/2018			<0.0045	<0.0045		
6/5/2018	0.00088 (J)	<0.0045				
6/6/2018					<0.0045	<0.0045
6/11/2018			<0.0045	<0.0045		
10/16/2018	<0.0045	<0.0045				
10/17/2018					<0.0045	<0.0045
10/18/2018			<0.0045	<0.0045		
2/27/2019	<0.0045	<0.0045			<0.0045	<0.0045
3/1/2019			<0.0045	<0.0045		
5/31/2019	<0.0045	<0.0045			<0.0045	<0.0045
6/3/2019			<0.0045	<0.0045		
11/6/2019	<0.0045	<0.0045			<0.0045	<0.0045
11/7/2019			<0.0045	<0.0045		
4/16/2020	<0.0045	<0.0045			<0.0045	<0.0045
4/17/2020			<0.0045	<0.0045		
10/7/2020	<0.0045	<0.0045			<0.0045	<0.0045
10/9/2020			<0.0045	<0.0045		
3/29/2021	<0.0045	<0.0045			<0.0045	<0.0045
3/31/2021			<0.0045	<0.0045		

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00082	<0.00082					
3/1/2016			<0.00082	0.0028 (J)	0.0054 (J)	<0.00082	<0.00082
5/2/2016	<0.00082						
5/4/2016		<0.00082					<0.00082
5/5/2016			0.00029 (J)	0.0026	0.0038	0.0003 (J)	
7/5/2016	<0.00082						
7/7/2016			<0.00082 (*)	0.0025	0.0043	<0.00082	
7/8/2016		<0.00082					<0.00082
9/6/2016	0.00049 (J)	<0.00082	<0.00082				
9/7/2016				0.0031	0.0099	0.00026 (J)	<0.00082
11/7/2016	<0.00082						
11/9/2016					0.012	0.00038 (J)	<0.00082
11/10/2016		<0.00082	<0.00082	0.0028			
1/9/2017	<0.00082						
1/11/2017		0.00049 (J)			0.022	<0.00082	<0.00082
1/12/2017			<0.00082	0.0028			
3/13/2017	0.0023						
3/14/2017		<0.00082			0.011	<0.00082	<0.00082
3/15/2017			<0.00082	0.0027			
5/15/2017	<0.00082						
5/18/2017		<0.00082	<0.00082	0.0036	0.018	<0.00082	<0.00082
3/12/2018	0.00046 (J)						
3/14/2018		0.00067 (J)	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.00082
6/5/2018	0.00049 (J)						
6/10/2018		0.00028 (J)			0.015	0.00043 (J)	<0.00082
6/11/2018			0.00028 (J)	0.003			
10/16/2018	<0.00082						
10/18/2018		<0.00082		0.0016	0.0049	<0.00082	<0.00082
10/19/2018			<0.00082				
2/27/2019	<0.00082	<0.00082					
3/1/2019					0.0026	<0.00082	<0.00082
3/2/2019			<0.00082	<0.00082			
5/31/2019	<0.00082	<0.00082					
6/3/2019			<0.00082		0.0039	<0.00082	<0.00082
6/11/2019				0.0014			
11/6/2019	<0.00082	<0.00082					
11/7/2019				0.002	0.0085		
11/9/2019			<0.00082			0.00041	<0.00082
4/16/2020	<0.00082	<0.00082					
4/17/2020				0.0022			<0.00082
4/18/2020			0.00019 (J)		0.0084	0.0004	
10/7/2020	<0.00082	<0.00082					
10/8/2020			<0.00082	0.0014	0.0045	<0.00082	<0.00082
3/29/2021	<0.00082	<0.00082					
3/30/2021			<0.00082	0.0019		<0.00082	<0.00082
3/31/2021					0.011		

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00082	<0.00082				
3/1/2016					<0.00082	<0.00082
3/2/2016			<0.00082	0.0025 (J)		
5/2/2016	<0.00082	0.00025 (J)				<0.00082
5/3/2016					<0.00082	
5/5/2016			<0.00082	0.0033		
7/5/2016	<0.00082	<0.00082			<0.00082	<0.00082
7/7/2016			<0.00082	0.0031		
9/6/2016	<0.00082	0.00027 (J)			<0.00082	<0.00082
9/7/2016			<0.00082	0.0034		
11/7/2016	<0.00082	<0.00082			<0.00082	<0.00082
11/10/2016			<0.00082	0.0038		
1/9/2017	<0.00082	<0.00082			<0.00082	<0.00082
1/12/2017			<0.00082	0.0034		
3/13/2017	<0.00082	0.0025			<0.00082	<0.00082
3/14/2017			<0.00082			
3/15/2017				0.0032		
5/15/2017	<0.00082	<0.00082			<0.00082	<0.00082
5/18/2017			<0.00082	0.0034		
3/12/2018	0.00064 (J)	0.00047 (J)			0.00026 (J)	<0.00082
3/14/2018			<0.00082	0.0038		
6/5/2018	0.00098 (J)	0.00065 (J)				
6/6/2018					0.00025 (J)	0.00026 (J)
6/11/2018			<0.00082	0.0037		
10/16/2018	<0.00082	<0.00082				
10/17/2018					<0.00082	<0.00082
10/18/2018			<0.00082	0.0033		
2/27/2019	<0.00082	<0.00082			<0.00082	<0.00082
3/1/2019			<0.00082	0.0033		
5/31/2019	<0.00082	<0.00082			<0.00082	<0.00082
6/3/2019			<0.00082	0.0035		
11/6/2019	<0.00082	0.00034			<0.00082	<0.00082
11/7/2019			0.00024 (J)	0.0034		
4/16/2020	<0.00082	0.0004			<0.00082	<0.00082
4/17/2020			0.0002 (J)	0.0039		
10/7/2020	<0.00082	<0.00082			<0.00082	<0.00082
10/9/2020			<0.00082	0.0031		
3/29/2021	<0.00082	<0.00082			<0.00082	<0.00082
3/31/2021			<0.00082	0.0046		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<1.4	<1.4					
3/1/2016			<1.4	26	380	17	<1.4
5/2/2016	15 (o)						
5/4/2016		<1.4					<1.4
5/5/2016			<1.4	31	280	11	
7/5/2016	<1.4						
7/7/2016			<1.4	31	330	33	
7/8/2016		<1.4					<1.4
9/6/2016	<1.4	<1.4	<1.4				
9/7/2016				41	550	18	<1.4
11/7/2016	<1.4						
11/9/2016					700	52	<1.4
11/10/2016		<1.4	<1.4	39			
1/9/2017	<1.4						
1/11/2017		<1.4			670	31	<1.4
1/12/2017			<1.4	35			
3/13/2017	2.5 (J)						
3/14/2017		<1.4			670	20	<1.4
3/15/2017			<1.4 (*)	43			
5/15/2017	<1.4						
5/18/2017		<1.4 (X)	<1.4 (X)	35	790	35	<1.4 (X)
10/2/2017	<1.4						
10/5/2017		<1.4			500	7.7	<1.4
10/6/2017			<1.4	39			
12/19/2017				36 (R)	400 (R)	51 (R)	
3/12/2018	<1.4						
3/14/2018		<1.4	<1.4	38	540	22	<1.4
6/5/2018	<1.4						
6/10/2018		1.5 (J)			760	96	1.4 (J)
6/11/2018			1.7 (J)	34			
10/16/2018	<1.4						
10/18/2018		<1.4		31	460	6.6	<1.4
10/19/2018			3.4 (J)				
2/27/2019	<1.4	1.9 (J)					
3/1/2019					240	9.6	<1.4
3/2/2019			<1.4	35			
5/31/2019	<1.4	<1.4					
6/3/2019			3.5 (J)		480	58	<1.4
6/11/2019				32			
11/6/2019	<1.4	<1.4					
11/7/2019				27	610		
11/9/2019			<1.4			120	<1.4
4/16/2020	<1.4	<1.4					
4/17/2020				31			<1.4
4/18/2020			<1.4		670	32	
10/7/2020	<1.4	<1.4					
10/8/2020			<1.4	30	590	9.3	<1.4
3/29/2021	<1.4	<1.4					
3/30/2021			<1.4	32		7.6	<1.4
3/31/2021					670		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<1.4	1.6 (J)				
3/1/2016					<1.4	<1.4
3/2/2016			13	150		
5/2/2016	<1.4	2.1 (J)				<1.4
5/3/2016					<1.4	
5/5/2016			15	200		
7/5/2016	<1.4	2 (J)			<1.4	<1.4
7/7/2016			14	200		
9/6/2016	<1.4	1.8 (J)			<1.4	3.7 (J)
9/7/2016			15	200		
11/7/2016	<1.4	1.7 (J)			<1.4	<1.4
11/10/2016			13	130		
1/9/2017	2.6 (J)	1.5 (J)			<1.4	<1.4
1/12/2017			12	240		
3/13/2017	<1.4	2.2 (J)			<1.4	<1.4
3/14/2017			10 (V)			
3/15/2017				300		
5/15/2017	<1.4	1.9 (J)			<1.4	<1.4
5/18/2017			8.7	270		
10/2/2017	<1.4	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	<1.4	2.6 (J)			<1.4	<1.4
3/14/2018			9.7	270		
6/5/2018	<1.4	2.6 (J)				
6/6/2018					<1.4	<1.4
6/11/2018			10	270		
10/16/2018	<1.4	2.8 (J)				
10/17/2018					<1.4	<1.4
10/18/2018			8.1	280		
2/27/2019	<1.4	2.4 (J)			<1.4	<1.4
3/1/2019			7.4	250		
5/31/2019	<1.4	3.3 (J)			<1.4	<1.4
6/3/2019			21	150		
11/6/2019	<1.4	3.7 (J)			<1.4	<1.4
11/7/2019			16	290		
4/16/2020	<1.4	1.7 (J)			<1.4	<1.4
4/17/2020			12	280		
10/7/2020	<1.4	4 (J)			<1.4	<1.4
10/9/2020			25	280		
3/29/2021	<1.4	2.3			<1.4	<1.4
3/31/2021			15	250		

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00012	<0.00012					
3/1/2016			<0.00012	<0.00012	0.00043 (J)	<0.00012	<0.00012
5/2/2016	<0.00012						
5/4/2016		<0.00012					<0.00012
5/5/2016			<0.00012	<0.00012	0.0003 (J)	<0.00012	
7/5/2016	<0.00012						
7/7/2016			<0.00012	<0.00012	0.00028 (J)	<0.00012	
7/8/2016		<0.00012					<0.00012
9/6/2016	<0.00012	<0.00012	<0.00012				
9/7/2016				<0.00012	0.00028 (J)	<0.00012	<0.00012
11/7/2016	<0.00012						
11/9/2016					0.0003 (J)	<0.00012	<0.00012
11/10/2016		<0.00012	<0.00012	<0.00012			
1/9/2017	<0.00012						
1/11/2017		<0.00012			0.00032 (J)	<0.00012	<0.00012
1/12/2017			<0.00012	<0.00012			
3/13/2017	<0.00012						
3/14/2017		<0.00012			0.00032 (J)	<0.00012	<0.00012
3/15/2017			<0.00012	<0.00012			
5/15/2017	<0.00012						
5/18/2017		<0.00012	<0.00012	<0.00012	0.0004 (J)	<0.00012	<0.00012
3/12/2018	<0.00012						
3/14/2018		<0.00012	<0.00012	<0.00012	0.00021 (J)	<0.00012	<0.00012
6/5/2018	<0.00012						
6/10/2018		<0.00012			0.00033 (J)	<0.00012	<0.00012
6/11/2018			<0.00012	<0.00012			
10/16/2018	<0.00012						
10/18/2018		<0.00012		<0.00012	0.00021 (J)	<0.00012	<0.00012
10/19/2018			<0.00012				
2/27/2019	<0.00012	<0.00012					
3/1/2019					0.00013 (J)	<0.00012	<0.00012
3/2/2019			<0.00012	<0.00012			
5/31/2019	<0.00012	<0.00012					
6/3/2019			<0.00012		0.00016 (J)	<0.00012	<0.00012
6/11/2019				<0.00012			
11/6/2019	<0.00012	<0.00012					
11/7/2019				2.6E-05 (J)	0.00025		
11/9/2019			0.00021 (J)			0.00024 (J)	<0.00012
4/16/2020	<0.00012	<0.00012					
4/17/2020				<0.00012			<0.00012
4/18/2020			<0.00012		0.00033	<0.00012	
10/7/2020	<0.00012	<0.00012					
10/8/2020			<0.00012	0.00015 (J)	0.00034 (J)	<0.00012	<0.00012
3/29/2021	<0.00012	<0.00012					
3/30/2021			<0.00012	<0.00012		<0.00012	<0.00012
3/31/2021					0.00031		

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	<0.00012	<0.00012				
3/1/2016					<0.00012	<0.00012
3/2/2016			<0.00012	0.00018 (J)		
5/2/2016	<0.00012	<0.00012				<0.00012
5/3/2016					<0.00012	
5/5/2016			<0.00012	0.00024 (J)		
7/5/2016	<0.00012	<0.00012			<0.00012	<0.00012
7/7/2016			<0.00012	0.00025 (J)		
9/6/2016	<0.00012	<0.00012			<0.00012	<0.00012
9/7/2016			<0.00012	0.00023 (J)		
11/7/2016	<0.00012	<0.00012			<0.00012	<0.00012
11/10/2016			<0.00012	0.0002 (J)		
1/9/2017	<0.00012	<0.00012			<0.00012	<0.00012
1/12/2017			<0.00012	0.00026 (J)		
3/13/2017	<0.00012	<0.00012			<0.00012	<0.00012
3/14/2017			<0.00012			
3/15/2017				0.0003 (J)		
5/15/2017	<0.00012	<0.00012			<0.00012	<0.00012
5/18/2017			<0.00012	0.00028 (J)		
3/12/2018	<0.00012	<0.00012			<0.00012	<0.00012
3/14/2018			<0.00012	0.00029 (J)		
6/5/2018	<0.00012	<0.00012				
6/6/2018					<0.00012	<0.00012
6/11/2018			<0.00012	0.00029 (J)		
10/16/2018	<0.00012	<0.00012				
10/17/2018					<0.00012	<0.00012
10/18/2018			<0.00012	0.00031 (J)		
2/27/2019	<0.00012	<0.00012			<0.00012	<0.00012
3/1/2019			<0.00012	0.0003 (J)		
5/31/2019	<0.00012	<0.00012			<0.00012	<0.00012
6/3/2019			<0.00012	0.0002 (J)		
11/6/2019	<0.00012	<0.00012			<0.00012	<0.00012
11/7/2019			<0.00012	0.00024 (J)		
4/16/2020	<0.00012	<0.00012			<0.00012	<0.00012
4/17/2020			<0.00012	0.00031		
10/7/2020	<0.00012	<0.00012			<0.00012	<0.00012
10/9/2020			0.00012 (J)	0.00037 (J)		
3/29/2021	<0.00012	<0.00012 (D)			<0.00012	<0.00012
3/31/2021			<0.00012	0.00028		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

Gulf Clean Energy Center 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	
10/7/2020	30	24					
10/8/2020			32	120	500	260	100
3/29/2021	38	26					
3/30/2021			32	170		340	12
3/31/2021					1100		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 5:03 PM View: 100 Series General

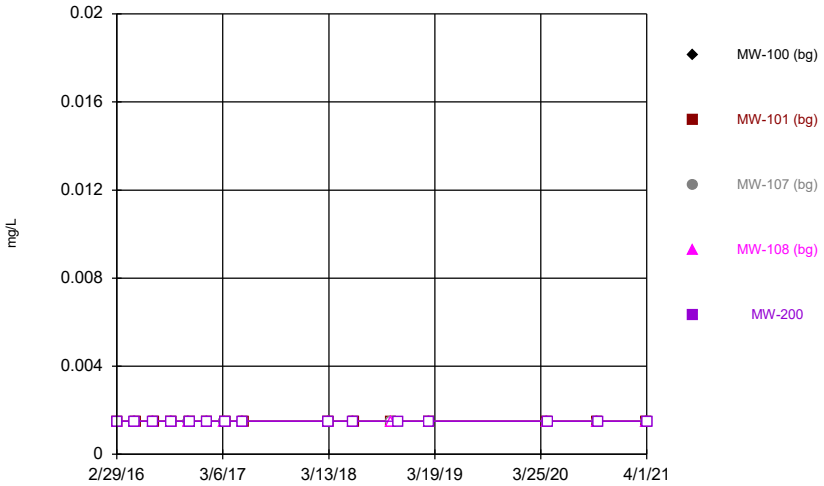
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	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		
10/7/2020	20	26			16	12
10/9/2020			86	660		
3/29/2021	12	28			42	40
3/31/2021			66	620		

200 Series

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

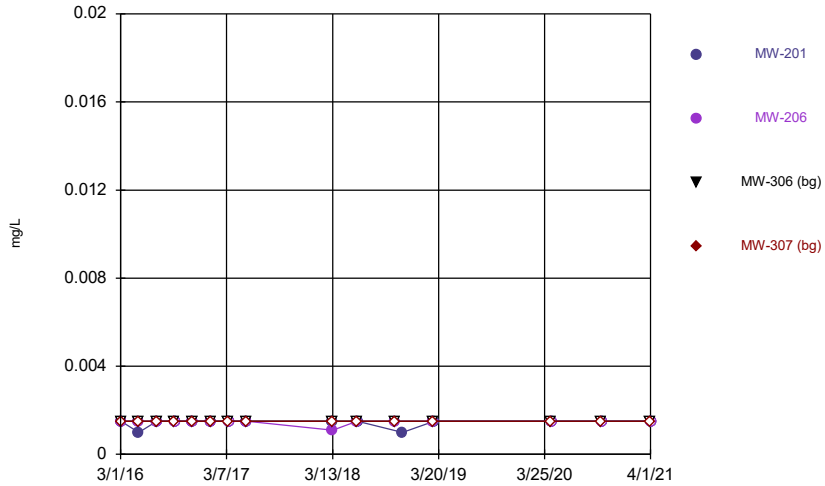
Time Series



Constituent: Antimony Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

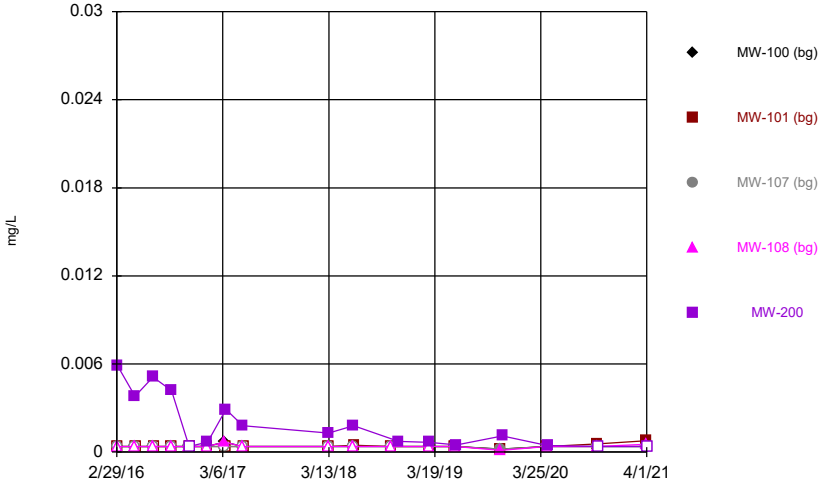
Time Series



Constituent: Antimony Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

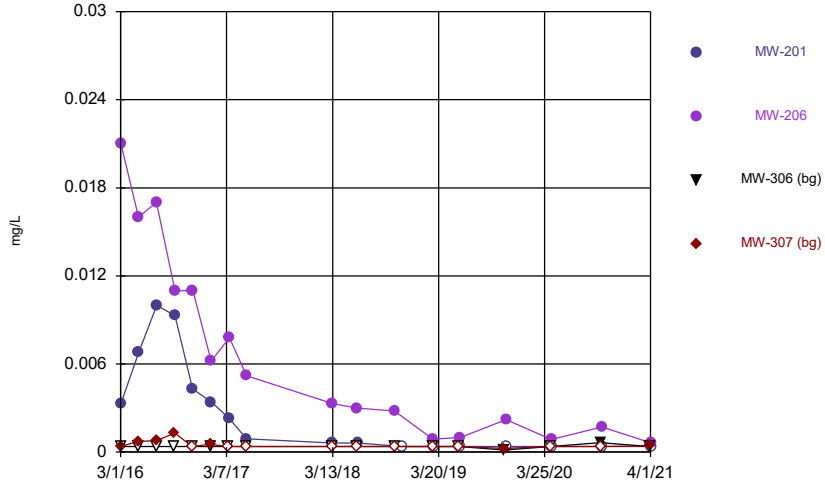
Time Series



Constituent: Arsenic Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

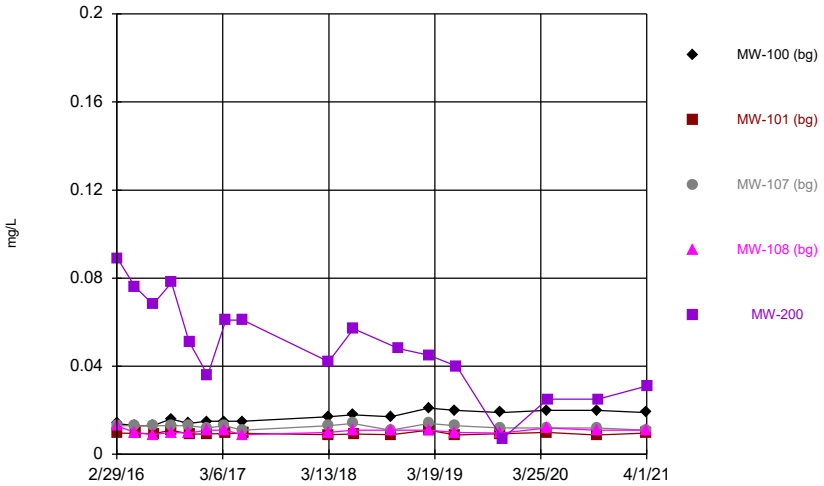
Time Series



Constituent: Arsenic Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

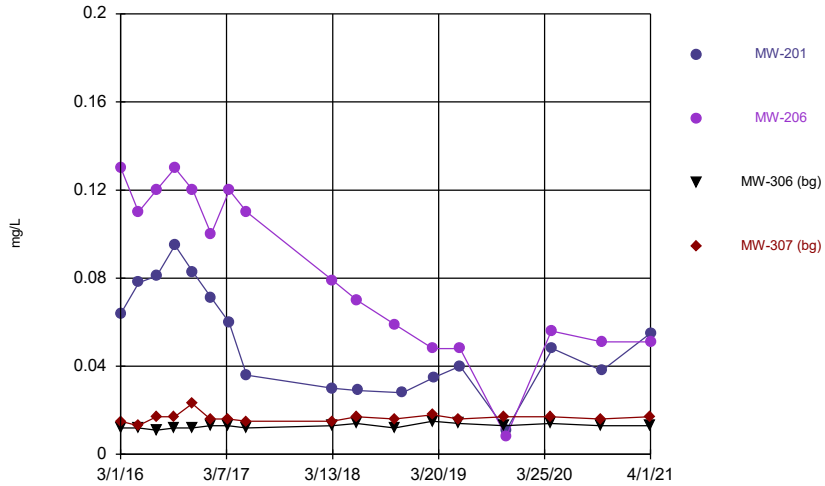
Time Series



Constituent: Barium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

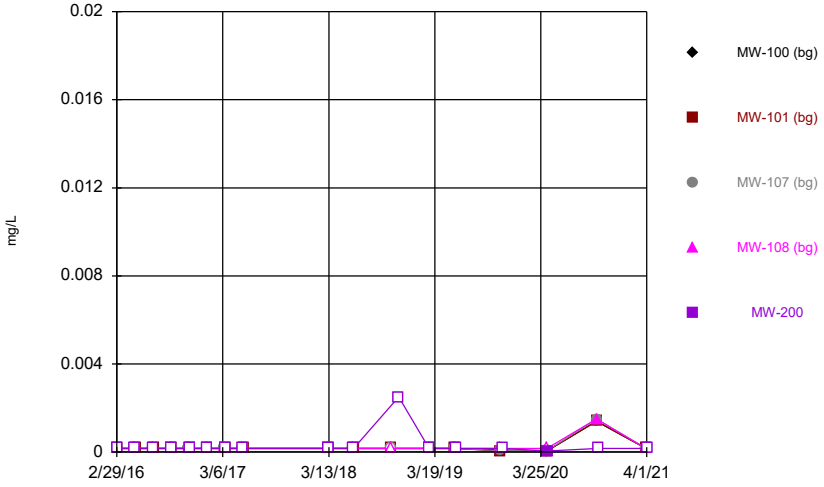
Time Series



Constituent: Barium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

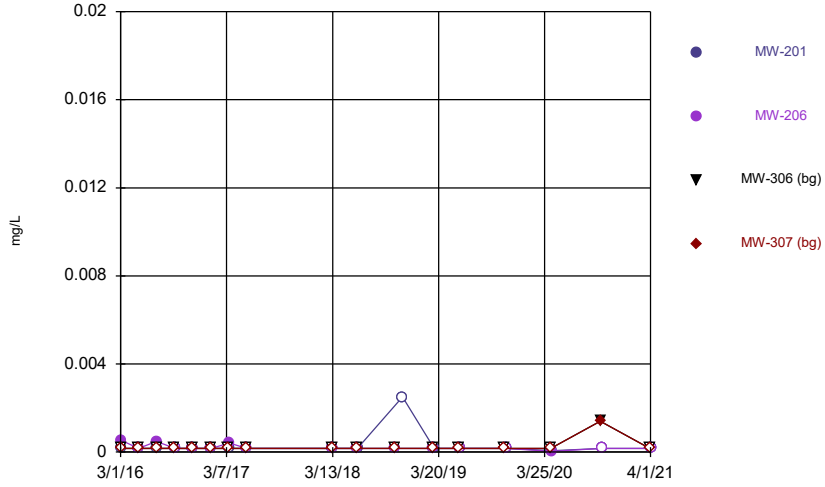
Time Series



Constituent: Beryllium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

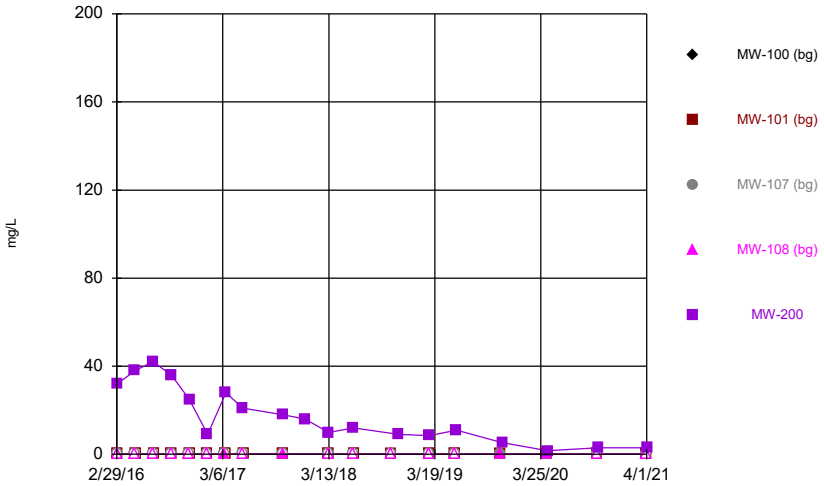
Time Series



Constituent: Beryllium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

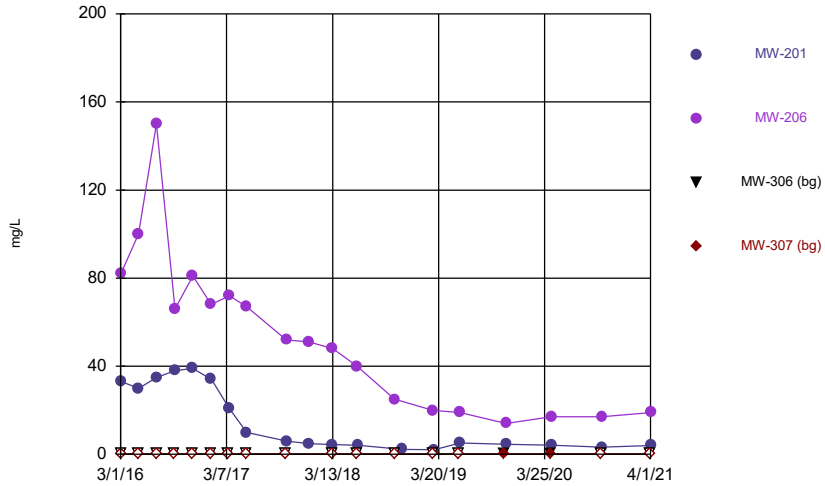
Time Series



Constituent: Boron Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

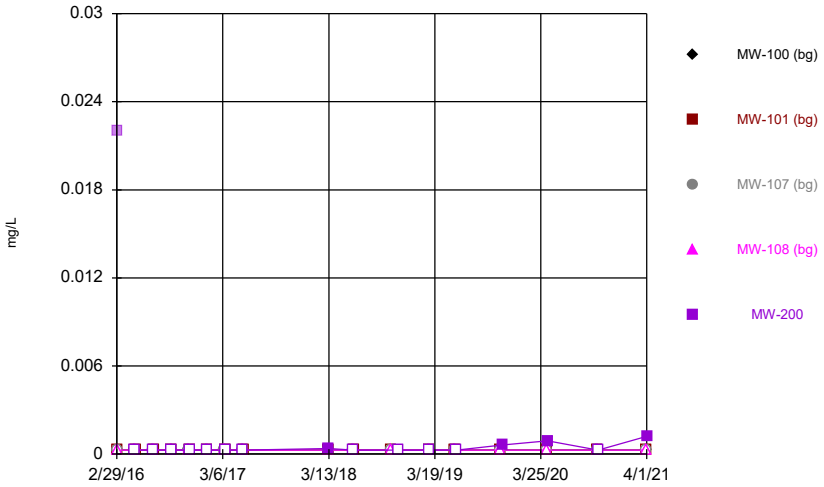
Time Series



Constituent: Boron Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

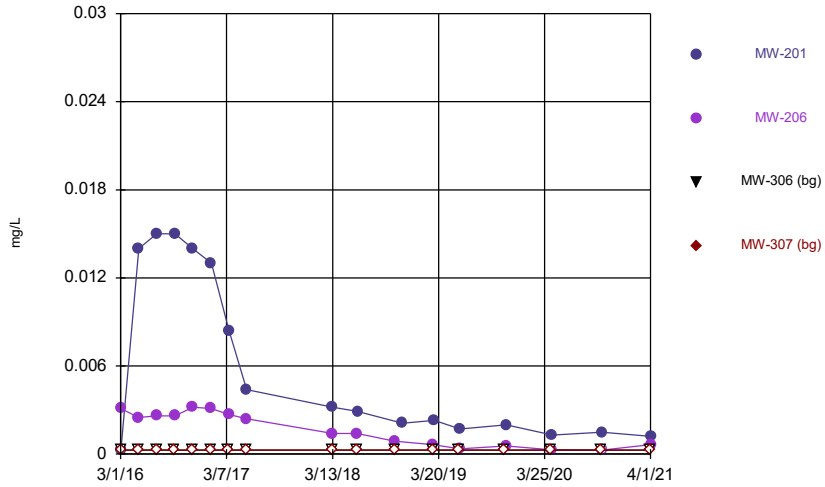
Time Series



Constituent: Cadmium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

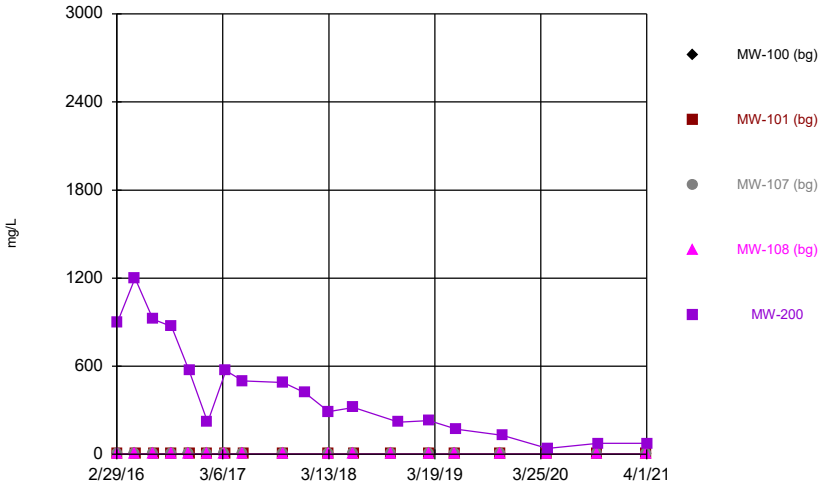
Time Series



Constituent: Cadmium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Time Series

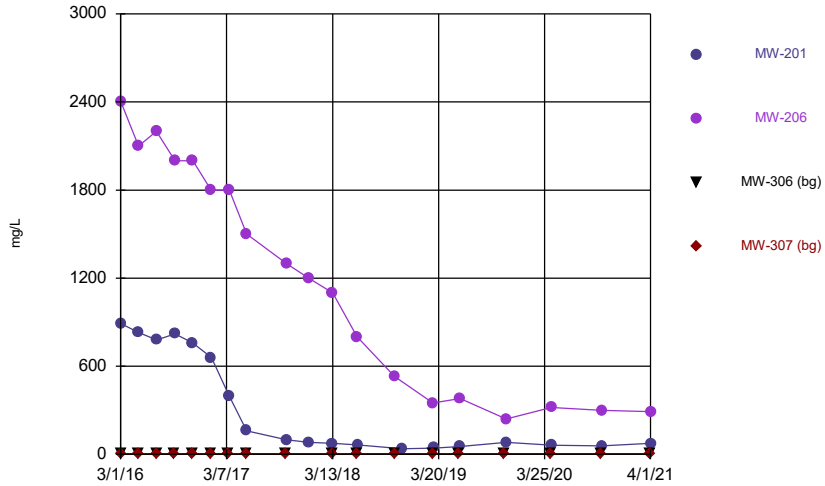


Constituent: Calcium Analysis Run 6/11/2021 5:15 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Time Series



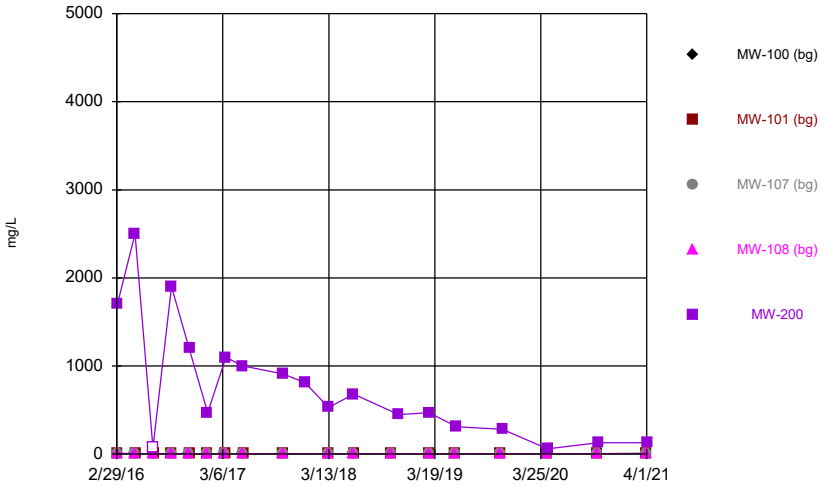
Constituent: Calcium Analysis Run 6/11/2021 5:15 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Hollow symbols indicate censored values.

Time Series

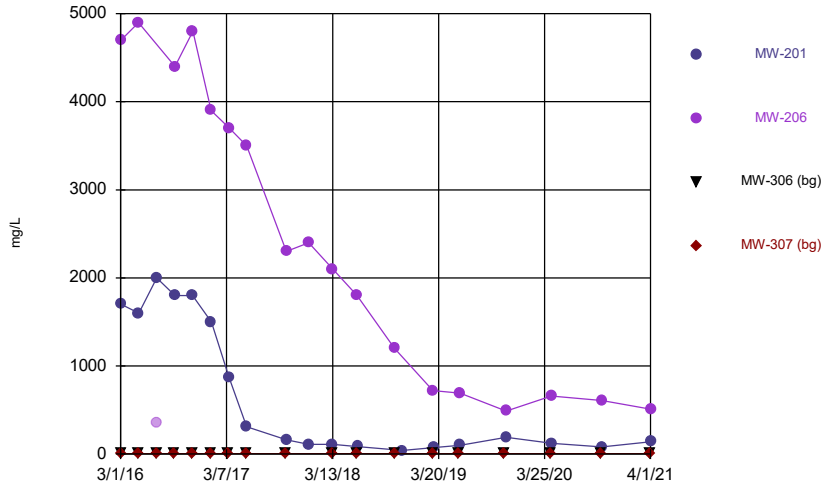


Constituent: Chloride Analysis Run 6/11/2021 5:15 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Time Series

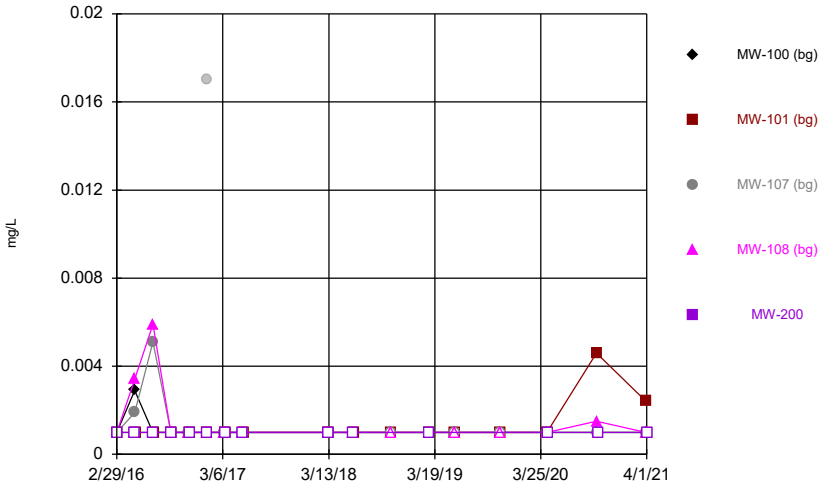


Constituent: Chloride Analysis Run 6/11/2021 5:15 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

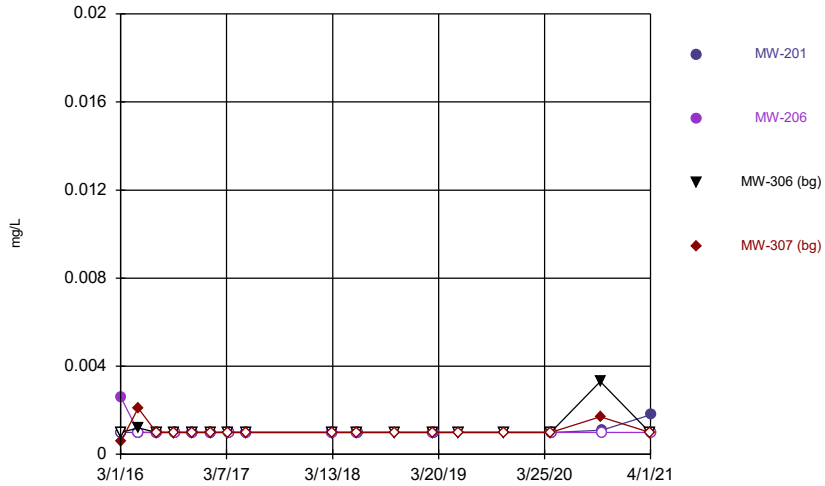
Time Series



Constituent: Chromium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

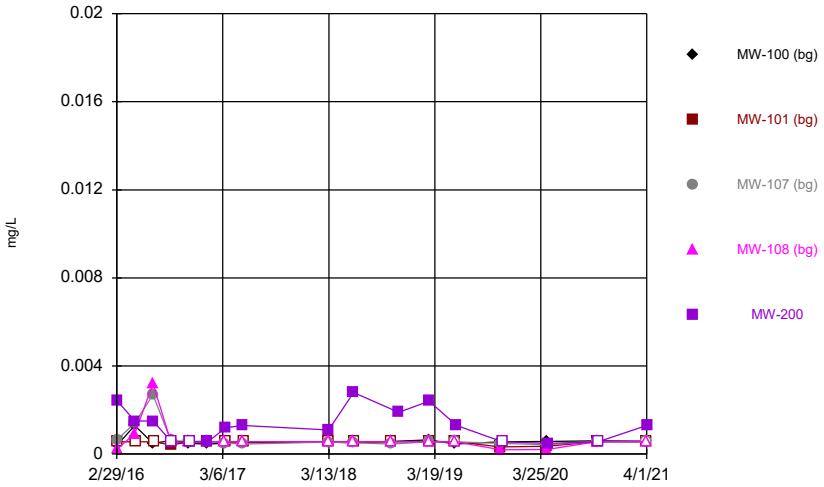
Time Series



Constituent: Chromium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

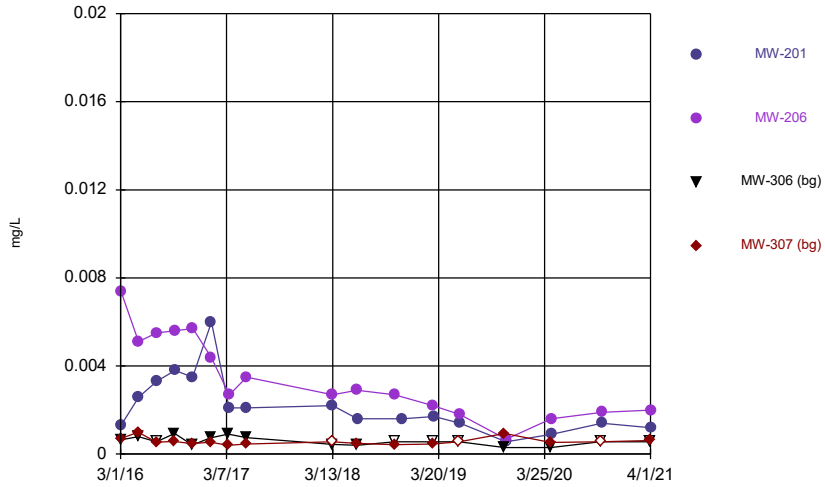
Time Series



Constituent: Cobalt Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

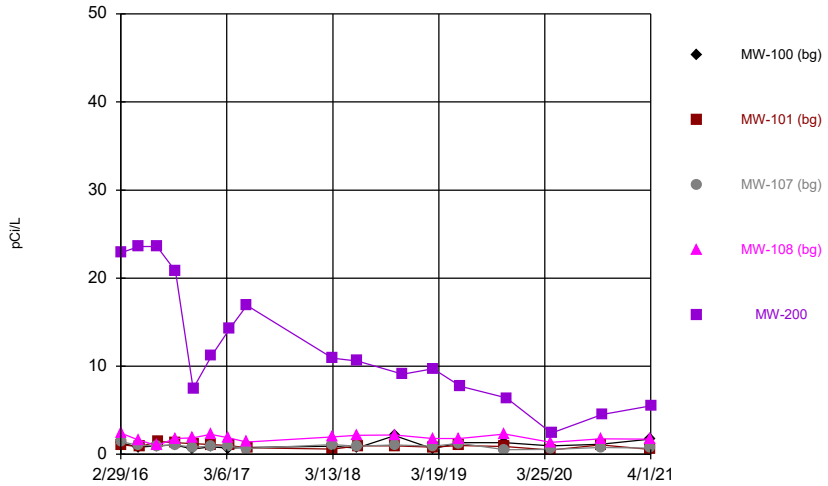
Time Series



Constituent: Cobalt Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

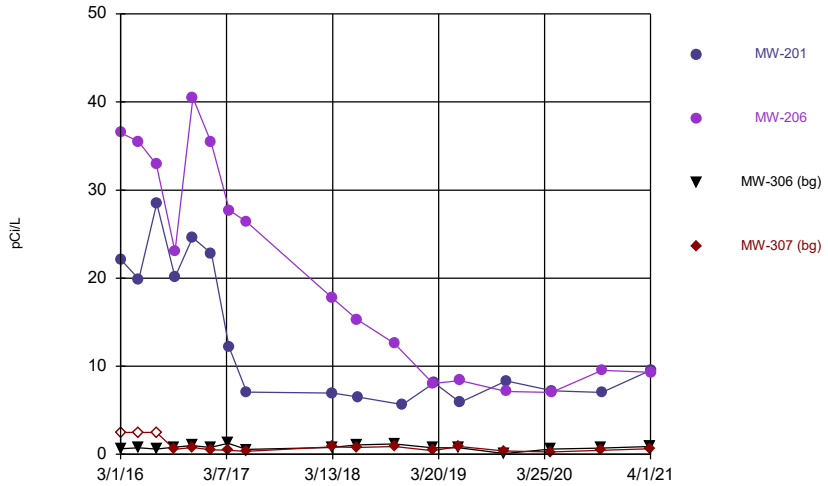
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

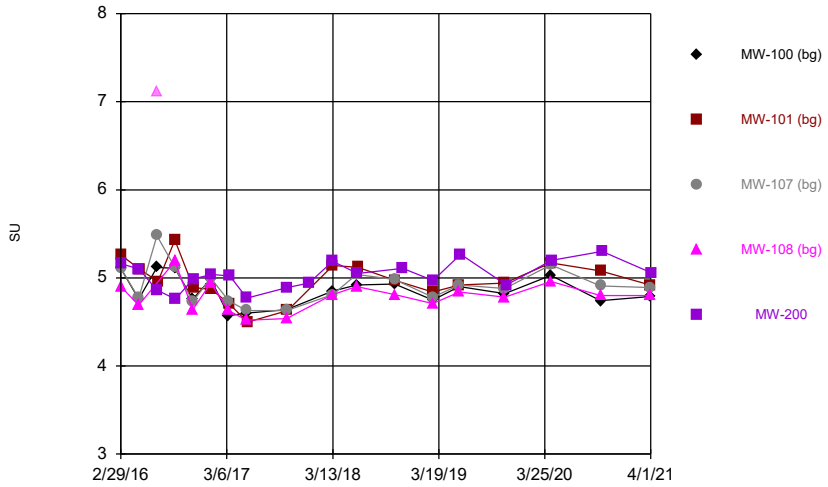
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

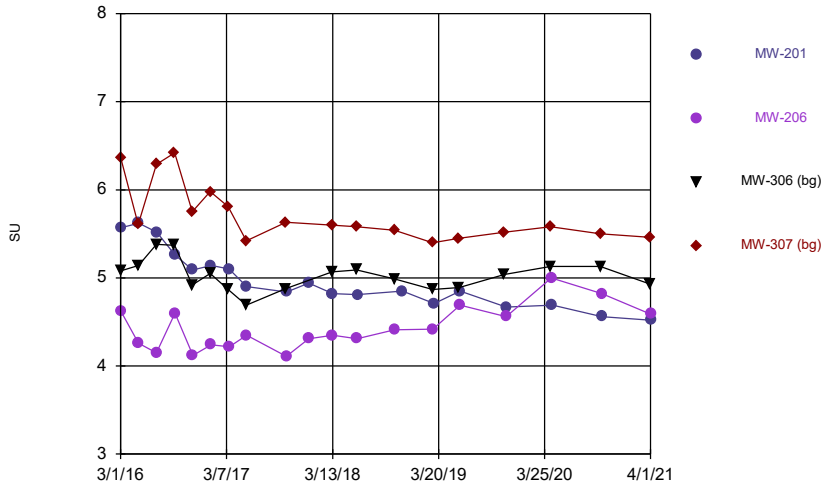
Time Series



Constituent: Field pH Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

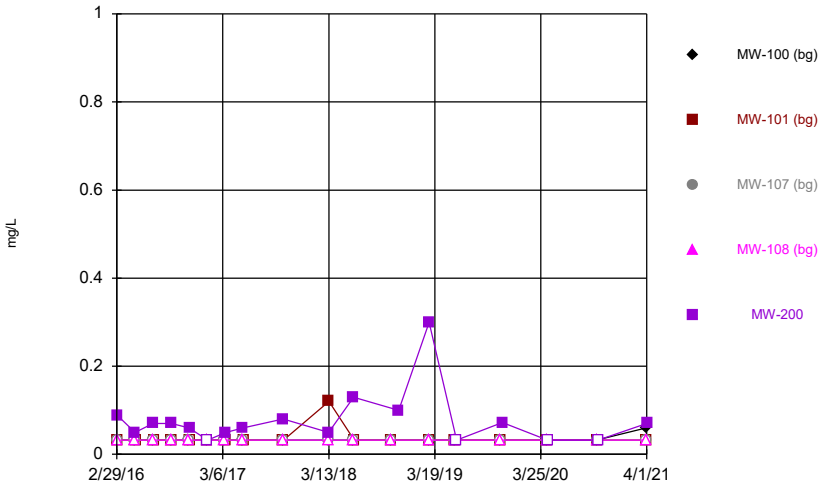
Time Series



Constituent: Field pH Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

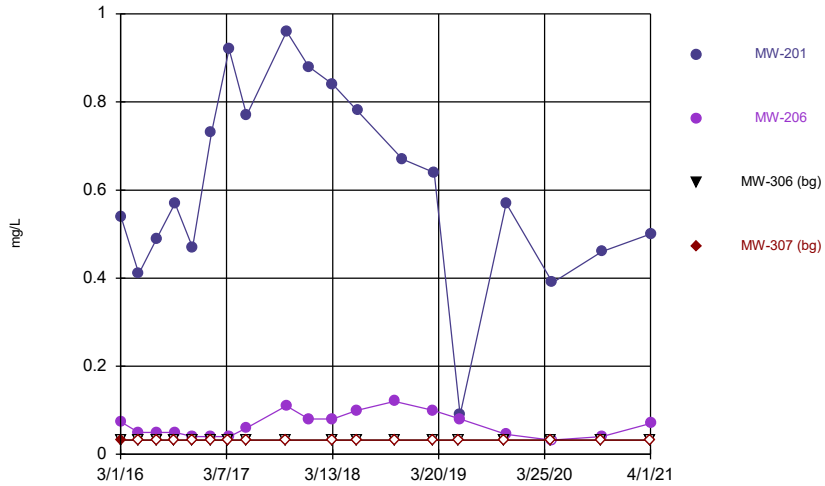
Time Series



Constituent: Fluoride Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

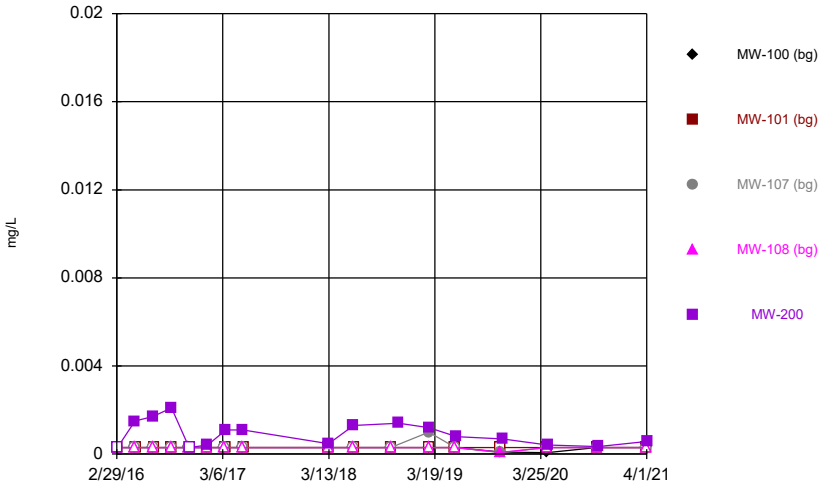
Time Series



Constituent: Fluoride Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

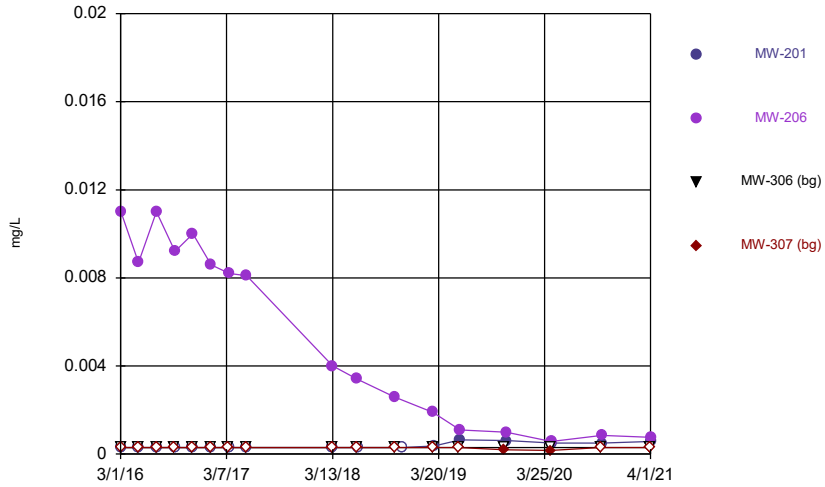
Time Series



Constituent: Lead Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

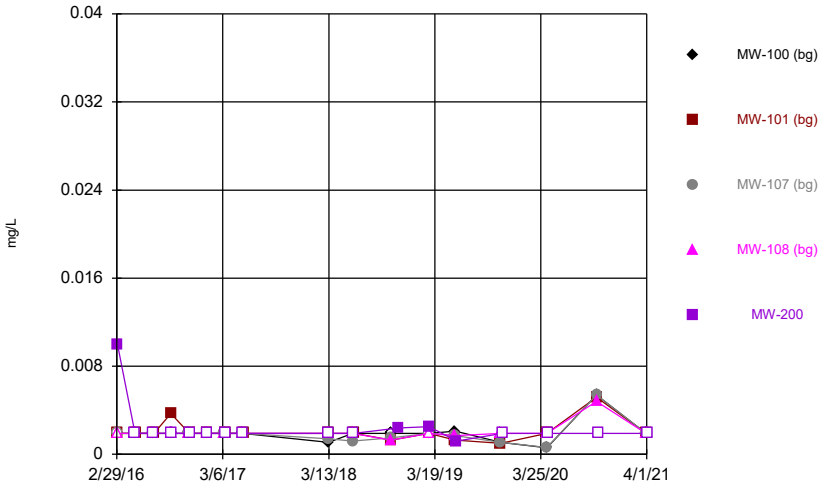
Time Series



Constituent: Lead Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

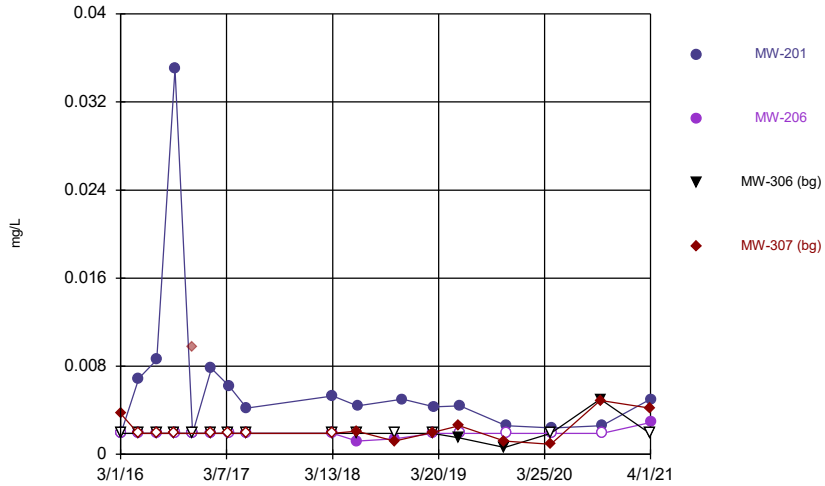
Time Series



Constituent: Lithium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

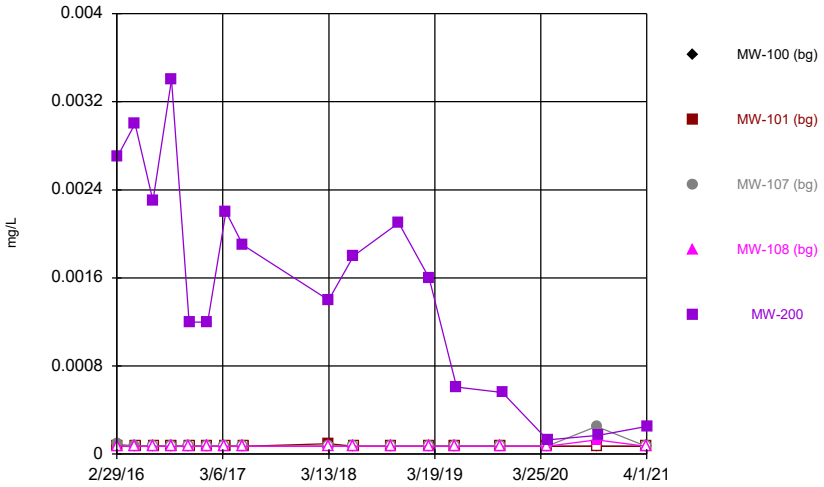
Time Series



Constituent: Lithium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

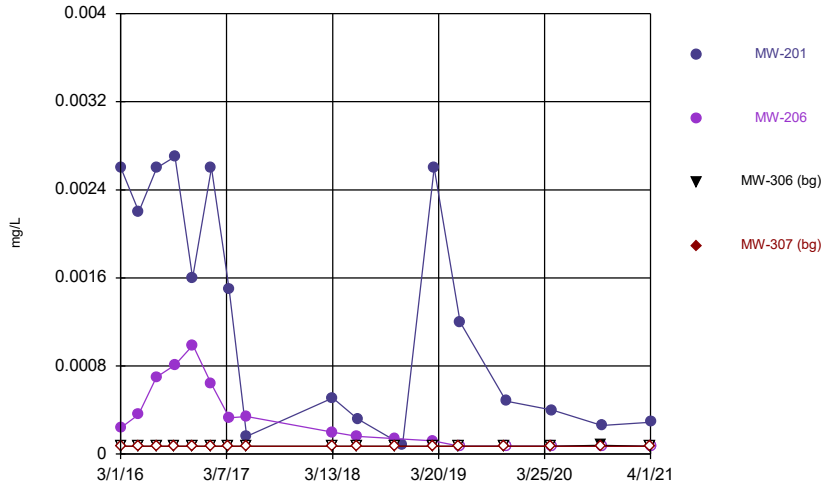
Time Series



Constituent: Mercury Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

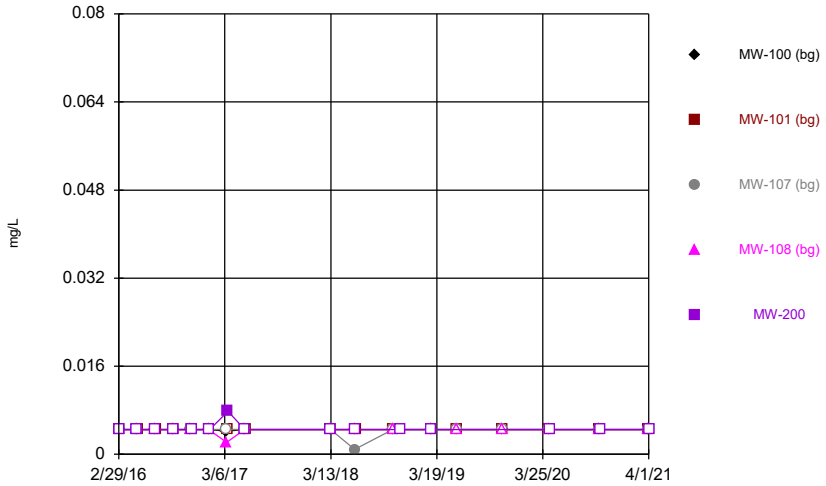
Time Series



Constituent: Mercury Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

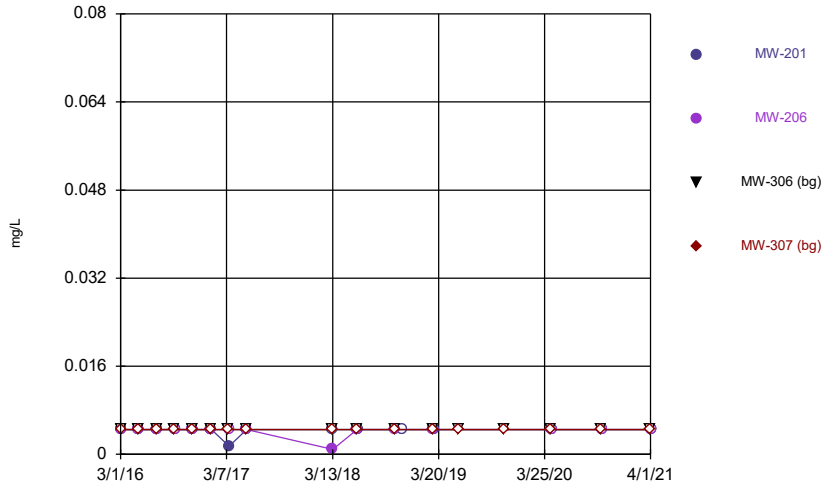
Time Series



Constituent: Molybdenum Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

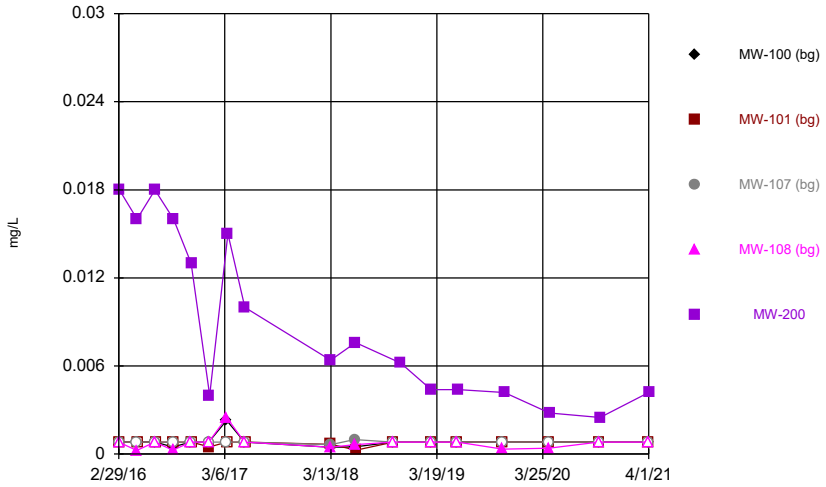
Time Series



Constituent: Molybdenum Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

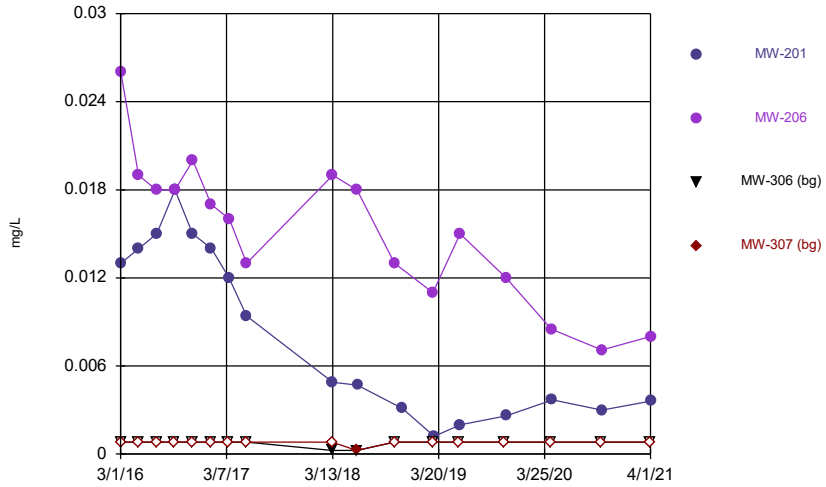
Time Series



Constituent: Selenium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

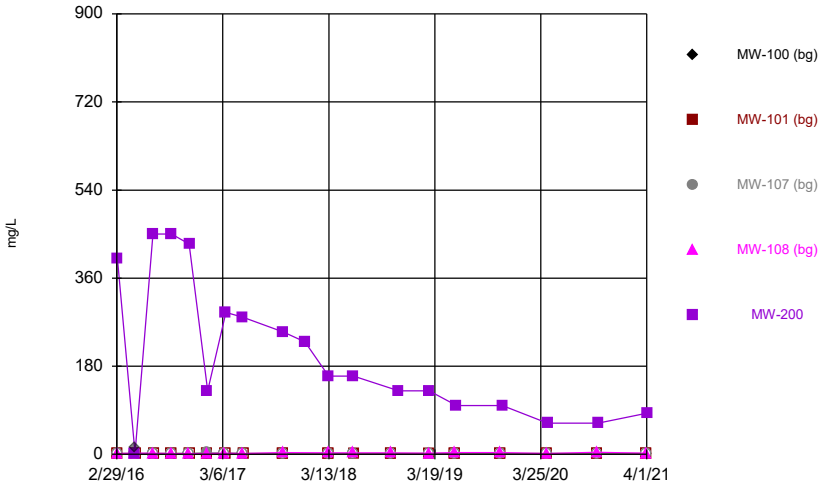
Time Series



Constituent: Selenium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

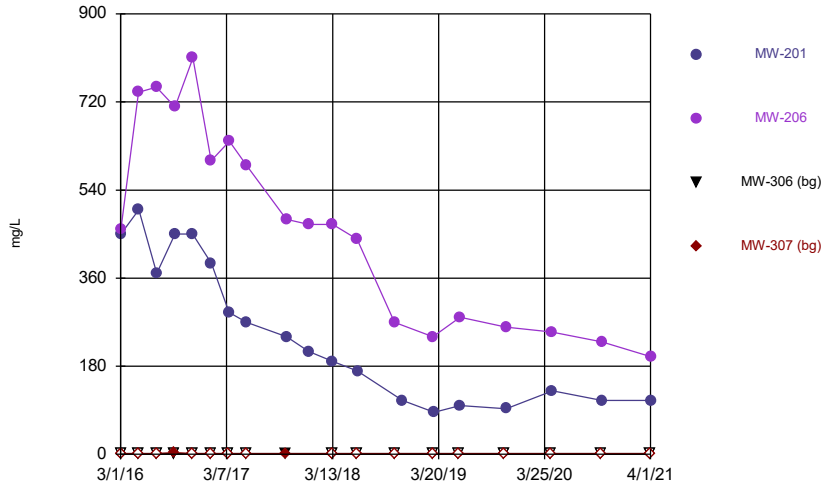
Time Series



Constituent: Sulfate Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

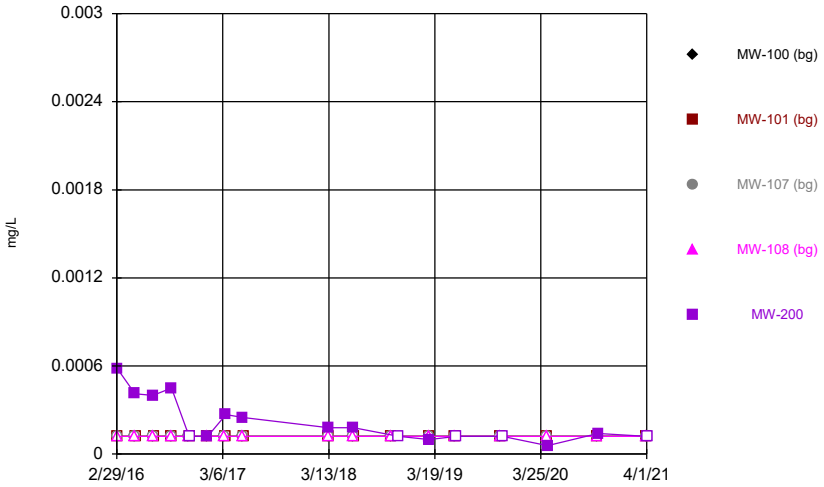
Time Series



Constituent: Sulfate Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

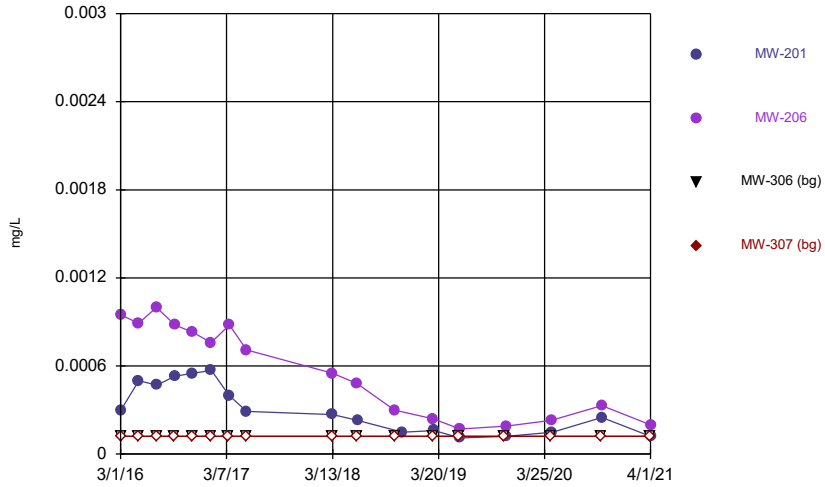
Time Series



Constituent: Thallium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

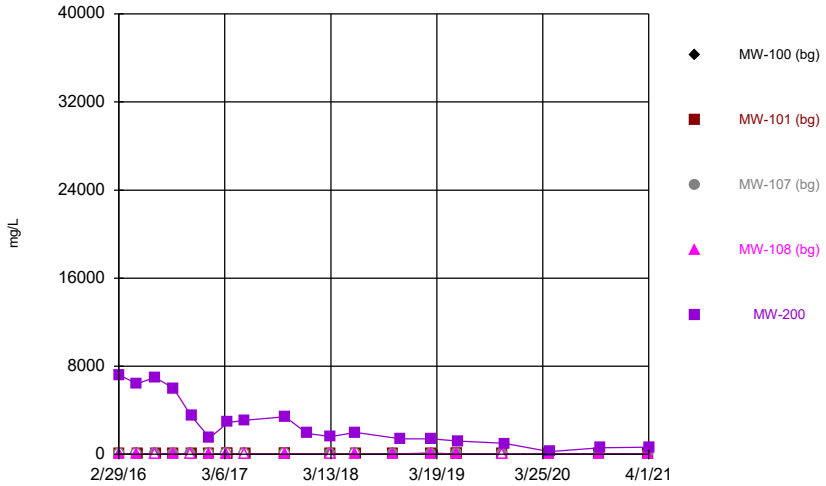
Time Series



Constituent: Thallium Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

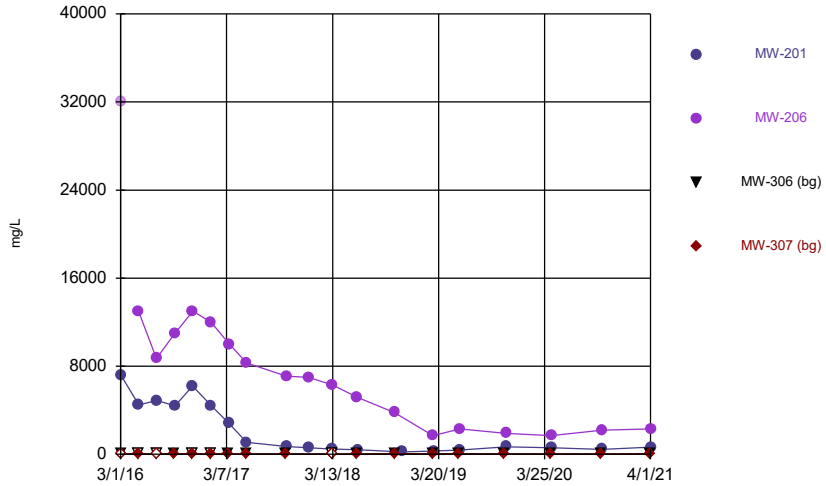
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:15 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0015	<0.0015	<0.0015	<0.0015	
3/2/2016					<0.0015
5/2/2016	<0.0015		<0.0015	<0.0015	
5/3/2016					<0.0015
5/4/2016		<0.0015			
7/5/2016	<0.0015		<0.0015	<0.0015	<0.0015
7/8/2016		<0.0015			
9/6/2016	<0.0015	<0.0015	<0.0015	<0.0015	
9/8/2016					<0.0015
11/7/2016	<0.0015		<0.0015	<0.0015	
11/9/2016					<0.0015
11/10/2016		<0.0015			
1/9/2017	<0.0015		<0.0015	<0.0015	
1/11/2017		<0.0015			
1/12/2017					<0.0015
3/13/2017	<0.0015		<0.0015	<0.0015	
3/14/2017		<0.0015			
3/17/2017					<0.0015
5/15/2017	<0.0015		<0.0015	<0.0015	
5/16/2017					<0.0015
5/18/2017		<0.0015			
3/12/2018	<0.0015		<0.0015	<0.0015	
3/13/2018					<0.0015
3/14/2018		<0.0015			
6/5/2018	<0.0015		<0.0015	<0.0015	
6/8/2018					<0.0015
6/10/2018		<0.0015			
10/16/2018	<0.0015		<0.0015	<0.0015	
10/18/2018		<0.0015			
11/13/2018					<0.0015
2/27/2019	<0.0015	<0.0015	<0.0015	<0.0015	
2/28/2019					<0.0015
4/16/2020	<0.0015	<0.0015	<0.0015	<0.0015	
4/18/2020					<0.0015
10/7/2020	<0.0015	<0.0015	<0.0015	<0.0015	
10/12/2020					<0.0015
3/29/2021	<0.0015	<0.0015	<0.0015	<0.0015	
4/1/2021					<0.0015

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0015	<0.0015
3/2/2016	<0.0015	<0.0015		
5/2/2016				<0.0015
5/3/2016		<0.0015	<0.0015	
5/4/2016	0.001 (J)			
7/5/2016		<0.0015	<0.0015	<0.0015
7/6/2016	<0.0015			
9/6/2016			<0.0015	<0.0015
9/8/2016	<0.0015	<0.0015		
11/7/2016			<0.0015	<0.0015
11/8/2016	<0.0015			
11/9/2016		<0.0015		
1/9/2017			<0.0015	<0.0015
1/12/2017		<0.0015		
1/13/2017	<0.0015			
3/13/2017			<0.0015	<0.0015
3/16/2017	<0.0015			
3/17/2017		<0.0015		
5/15/2017			<0.0015	<0.0015
5/17/2017	<0.0015	<0.0015		
3/12/2018			<0.0015	<0.0015
3/14/2018	<0.0015	0.0011 (J)		
6/6/2018			<0.0015	<0.0015
6/8/2018		<0.0015		
6/9/2018	<0.0015			
10/17/2018		<0.0015	<0.0015	<0.0015
11/14/2018	0.001 (J)			
2/27/2019			<0.0015	<0.0015
2/28/2019		<0.0015		
3/5/2019	<0.0015			
4/16/2020			<0.0015	<0.0015
4/18/2020		<0.0015		
4/22/2020	<0.0015			
10/7/2020			<0.0015	<0.0015
10/12/2020	<0.0015	<0.0015		
3/29/2021			<0.0015	<0.0015
4/1/2021	<0.0015	<0.0015		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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	<0.00039	<0.00039	<0.00039	
3/2/2016					0.0059 (J)
5/2/2016	<0.00039		<0.00039	<0.00039	
5/3/2016					0.0038
5/4/2016		<0.00039			
7/5/2016	<0.00039		<0.00039	<0.00039	0.0051
7/8/2016		<0.00039			
9/6/2016	<0.00039	<0.00039	<0.00039	<0.00039	
9/8/2016					0.0042 (J)
11/7/2016	<0.00039		<0.00039	<0.00039	
11/9/2016					<0.00039
11/10/2016		<0.00039			
1/9/2017	<0.00039		<0.00039	<0.00039	
1/11/2017		<0.00039			
1/12/2017					0.00068 (J)
3/13/2017	0.00069 (J)		<0.00039	0.00069 (J)	
3/14/2017		<0.00039			
3/17/2017					0.0029
5/15/2017	<0.00039		<0.00039	<0.00039	
5/16/2017					0.0018
5/18/2017		<0.00039			
3/12/2018	<0.00039		<0.00039	<0.00039	
3/13/2018					0.0013
3/14/2018		<0.00039			
6/5/2018	<0.00039		<0.00039	<0.00039	
6/8/2018					0.0018
6/10/2018		0.00046 (J)			
10/16/2018	<0.00039		<0.00039	<0.00039	
10/18/2018		<0.00039			
11/13/2018					0.00072 (J)
2/27/2019	<0.00039	<0.00039	<0.00039	<0.00039	
2/28/2019					0.00067 (J)
5/31/2019	<0.00039	<0.00039	<0.00039	<0.00039	
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	<0.00039	<0.00039	<0.00039	<0.00039	
4/18/2020					0.00044
10/7/2020	<0.00039	0.00056 (J)	<0.00039	<0.00039	
10/12/2020					<0.00039
3/29/2021	<0.00039	0.00078	<0.00039	0.00054	
4/1/2021					<0.00039

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00039	0.00038 (J)
3/2/2016	0.0033 (J)	0.021		
5/2/2016				0.00073 (J)
5/3/2016		0.016	<0.00039	
5/4/2016	0.0068			
7/5/2016		0.017	<0.00039	0.00077 (J)
7/6/2016	0.01			
9/6/2016			<0.00039	0.0013
9/8/2016	0.0093	0.011		
11/7/2016			<0.00039	<0.00039
11/8/2016	0.0043 (J)			
11/9/2016		0.011		
1/9/2017			<0.00039	0.00053 (J)
1/12/2017		0.0062		
1/13/2017	0.0034			
3/13/2017			<0.00039	<0.00039
3/16/2017	0.0023			
3/17/2017		0.0078		
5/15/2017			<0.00039	<0.00039
5/17/2017	0.0009 (J)	0.0052		
3/12/2018			<0.00039	<0.00039
3/14/2018	0.00062 (J)	0.0033		
6/6/2018			<0.00039	<0.00039
6/8/2018		0.003		
6/9/2018	0.00063 (J)			
10/17/2018		0.0028	<0.00039	<0.00039
11/14/2018	<0.00039			
2/27/2019			<0.00039	<0.00039
2/28/2019		0.00089 (J)		
3/5/2019	<0.00039			
5/31/2019			<0.00039	<0.00039
6/4/2019	<0.00039	0.001 (J)		
11/6/2019			0.00014 (J)	0.00024 (J)
11/12/2019	<0.00039	0.0022 (V)		
4/16/2020			<0.00039	<0.00039
4/18/2020		0.00086		
4/22/2020	<0.00039			
10/7/2020			0.00064 (J)	<0.00039
10/12/2020	<0.00039	0.0017		
3/29/2021			<0.00039	0.00042
4/1/2021	<0.00039	0.00064		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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
10/7/2020	0.02	0.0088	0.012	0.011	
10/12/2020					0.025
3/29/2021	0.019	0.0097	0.011	0.011	
4/1/2021					0.031

Time Series

Constituent: Barium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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			
10/7/2020			0.013	0.016
10/12/2020	0.038	0.051		
3/29/2021			0.013	0.017
4/1/2021	0.055	0.051		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00017	<0.00017	<0.00017	<0.00017	
3/2/2016					<0.00017
5/2/2016	<0.00017		<0.00017	<0.00017	
5/3/2016					<0.00017
5/4/2016		<0.00017			
7/5/2016	<0.00017		<0.00017	<0.00017	<0.00017
7/8/2016		<0.00017			
9/6/2016	<0.00017	<0.00017	<0.00017	<0.00017	
9/8/2016					<0.00017
11/7/2016	<0.00017		<0.00017	<0.00017	
11/9/2016					<0.00017
11/10/2016		<0.00017			
1/9/2017	<0.00017		<0.00017	<0.00017	
1/11/2017		<0.00017			
1/12/2017					<0.00017
3/13/2017	<0.00017		<0.00017	<0.00017	
3/14/2017		<0.00017			
3/17/2017					<0.00017
5/15/2017	<0.00017		<0.00017	<0.00017	
5/16/2017					<0.00017
5/18/2017		<0.00017			
3/12/2018	<0.00017		<0.00017	<0.00017	
3/13/2018					<0.00017
3/14/2018		<0.00017			
6/5/2018	<0.00017		<0.00017	<0.00017	
6/8/2018					<0.00017
6/10/2018		<0.00017			
10/16/2018	<0.00017		<0.00017	<0.00017	
10/18/2018		<0.00017			
11/13/2018					<0.0025 (J3)
2/27/2019	<0.00017	<0.00017	<0.00017	<0.00017	
2/28/2019					<0.00017
5/31/2019	<0.00017	<0.00017	<0.00017	<0.00017	
6/4/2019					<0.00017
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.00017	
11/12/2019					<0.00017
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.00017	
4/18/2020					4.5E-05 (J)
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)	
10/12/2020					<0.00017
3/29/2021	<0.00017	<0.00017	<0.00017	<0.00017	
4/1/2021					<0.00017

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00017	<0.00017
3/2/2016	<0.00017	0.00055 (J)		
5/2/2016				<0.00017
5/3/2016		<0.00017	<0.00017	
5/4/2016	<0.00017			
7/5/2016		0.00048 (J)	<0.00017	<0.00017
7/6/2016	<0.00017			
9/6/2016			<0.00017	<0.00017
9/8/2016	<0.00017	<0.00017		
11/7/2016			<0.00017	<0.00017
11/8/2016	<0.00017			
11/9/2016		<0.00017		
1/9/2017			<0.00017	<0.00017
1/12/2017		<0.00017		
1/13/2017	<0.00017			
3/13/2017			<0.00017	<0.00017
3/16/2017	<0.00017			
3/17/2017		0.00042 (J)		
5/15/2017			<0.00017	<0.00017
5/17/2017	<0.00017	<0.00017		
3/12/2018			<0.00017	<0.00017
3/14/2018	<0.00017	<0.00017		
6/6/2018			<0.00017	<0.00017
6/8/2018		<0.00017		
6/9/2018	<0.00017			
10/17/2018		<0.00017	<0.00017	<0.00017
11/14/2018	<0.0025 (J3)			
2/27/2019			<0.00017	<0.00017
2/28/2019		<0.00017		
3/5/2019	<0.00017			
5/31/2019			<0.00017	<0.00017
6/4/2019	<0.00017	<0.00017		
11/6/2019			<0.00017	<0.00017
11/12/2019	<0.00017	<0.00017		
4/16/2020			<0.00017	<0.00017
4/18/2020		4.1E-05 (J)		
4/22/2020	6.9E-05 (J)			
10/7/2020			0.0014 (J)	0.0014 (J)
10/12/2020	<0.00017	<0.00017		
3/29/2021			<0.00017	<0.00017
4/1/2021	<0.00017	<0.00017		

Time Series

Constituent: Boron (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.018	<0.018	<0.018	<0.018	
3/2/2016					32
5/2/2016	<0.018		<0.018	<0.018	
5/3/2016					38
5/4/2016		<0.018			
7/5/2016	<0.018		<0.018	<0.018	42
7/8/2016		<0.018			
9/6/2016	<0.018	<0.018	<0.018	<0.018	
9/8/2016					36
11/7/2016	<0.018		<0.018	<0.018	
11/9/2016					25
11/10/2016		<0.018			
1/9/2017	<0.018		<0.018	<0.018	
1/11/2017		<0.018			
1/12/2017					9.1
3/13/2017	<0.018		<0.018	0.022 (J)	
3/14/2017		<0.018			
3/17/2017					28
5/15/2017	<0.018		<0.018	<0.018	
5/16/2017					21
5/18/2017		<0.018			
10/2/2017	<0.018		<0.018	0.023 (J)	
10/4/2017					18
10/5/2017		<0.018			
12/20/2017					16 (R)
3/12/2018	<0.018		<0.018	<0.018	
3/13/2018					10
3/14/2018		<0.018			
6/5/2018	<0.018		<0.018	<0.018	
6/8/2018					12
6/10/2018		<0.018			
10/16/2018	<0.018		<0.018	<0.018	
10/18/2018		0.081			
11/13/2018					9.1
2/27/2019	<0.018	<0.018	<0.018	<0.018	
2/28/2019					8.5
5/31/2019	<0.018	<0.018	<0.018	<0.018	
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
10/7/2020	<0.018	<0.018	<0.018	<0.018	
10/12/2020					3
3/29/2021	<0.018	<0.018	<0.018	<0.018	
4/1/2021					2.9

Time Series

Constituent: Boron (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.018	<0.018
3/2/2016	33	82		
5/2/2016				<0.018
5/3/2016		100	<0.018	
5/4/2016	30			
7/5/2016		150	<0.018	<0.018
7/6/2016	35			
9/6/2016			<0.018	<0.018
9/8/2016	38	66		
11/7/2016			<0.018	<0.018
11/8/2016	39			
11/9/2016		81		
1/9/2017			<0.018	<0.018
1/12/2017		68		
1/13/2017	34			
3/13/2017			<0.018	<0.018
3/16/2017	21			
3/17/2017		72		
5/15/2017			<0.018	<0.018
5/17/2017	10	67		
10/2/2017			<0.018	<0.018
10/3/2017		52		
10/4/2017	6			
12/20/2017	4.9 (R)	51		
3/12/2018			<0.018	<0.018
3/14/2018	4.4	48		
6/6/2018			<0.018	<0.018
6/8/2018		40		
6/9/2018	4.1			
10/17/2018		25	<0.018	<0.018
11/14/2018	2.3			
2/27/2019			<0.018	<0.018
2/28/2019		20		
3/5/2019	2.1			
5/31/2019			<0.018	<0.018
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			
10/7/2020			<0.018	<0.018
10/12/2020	3.3	17		
3/29/2021			<0.018	<0.018
4/1/2021	4	19		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00028	<0.00028	<0.00028	<0.00028	
3/2/2016					0.022 (o)
5/2/2016	<0.00028		<0.00028	<0.00028	
5/3/2016					<0.00028
5/4/2016		<0.00028			
7/5/2016	<0.00028		<0.00028	<0.00028	<0.00028
7/8/2016		<0.00028			
9/6/2016	<0.00028	<0.00028	<0.00028	<0.00028	
9/8/2016					<0.00028
11/7/2016	<0.00028		<0.00028	<0.00028	
11/9/2016					<0.00028
11/10/2016		<0.00028			
1/9/2017	<0.00028		<0.00028	<0.00028	
1/11/2017		<0.00028			
1/12/2017					<0.00028
3/13/2017	<0.00028		<0.00028	<0.00028	
3/14/2017		<0.00028			
3/17/2017					<0.00028
5/15/2017	<0.00028		<0.00028	<0.00028	
5/16/2017					<0.00028
5/18/2017		<0.00028			
3/12/2018	<0.00028		<0.00028	<0.00028	
3/13/2018					0.00039 (J)
3/14/2018		<0.00028			
6/5/2018	<0.00028		<0.00028	<0.00028	
6/8/2018					<0.00028
6/10/2018		<0.00028			
10/16/2018	<0.00028		<0.00028	<0.00028	
10/18/2018		<0.00028			
11/13/2018					<0.00028
2/27/2019	<0.00028	<0.00028	<0.00028	<0.00028	
2/28/2019					<0.00028
5/31/2019	<0.00028	<0.00028	<0.00028	<0.00028	
6/4/2019					<0.00028
11/6/2019	<0.00028	<0.00028	<0.00028	<0.00028	
11/12/2019					0.00061 (J)
4/16/2020	<0.00028	<0.00028	<0.00028	<0.00028	
4/18/2020					0.00091
10/7/2020	<0.00028	<0.00028	<0.00028	<0.00028	
10/12/2020					<0.00028
3/29/2021	<0.00028	<0.00028	<0.00028	<0.00028	
4/1/2021					0.0012

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00028	<0.00028
3/2/2016	<0.00028	0.0031 (J)		
5/2/2016				<0.00028
5/3/2016		0.0025	<0.00028	
5/4/2016	0.014			
7/5/2016		0.0026	<0.00028	<0.00028
7/6/2016	0.015			
9/6/2016			<0.00028	<0.00028
9/8/2016	0.015	0.0026 (J)		
11/7/2016			<0.00028	<0.00028
11/8/2016	0.014			
11/9/2016		0.0032 (J)		
1/9/2017			<0.00028	<0.00028
1/12/2017		0.0031		
1/13/2017	0.013			
3/13/2017			<0.00028	<0.00028
3/16/2017	0.0084			
3/17/2017		0.0027		
5/15/2017			<0.00028	<0.00028
5/17/2017	0.0044	0.0024 (J)		
3/12/2018			<0.00028	<0.00028
3/14/2018	0.0032	0.0014 (J)		
6/6/2018			<0.00028	<0.00028
6/8/2018		0.0014 (J)		
6/9/2018	0.0029			
10/17/2018		0.00088 (J)	<0.00028	<0.00028
11/14/2018	0.0021 (J)			
2/27/2019			<0.00028	<0.00028
2/28/2019		0.00065 (J)		
3/5/2019	0.0023 (J)			
5/31/2019			<0.00028	<0.00028
6/4/2019	0.0017 (J)	0.00035 (J)		
11/6/2019			<0.00028	<0.00028
11/12/2019	0.002 (J)	0.00055 (J)		
4/16/2020			<0.00028	<0.00028
4/18/2020		0.00029 (J)		
4/22/2020	0.0013			
10/7/2020			<0.00028	<0.00028
10/12/2020	0.0015 (J)	<0.00028		
3/29/2021			<0.00028	<0.00028
4/1/2021	0.0012	0.00065		

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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
10/7/2020	0.93	0.47	0.43	1.6	
10/12/2020					74
3/29/2021	1	0.43	0.46	1.6	
4/1/2021					75

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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			
10/7/2020			0.63	0.67
10/12/2020	58	300		
3/29/2021			0.68	0.75
4/1/2021	75	290		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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
10/7/2020	6.6	5.9	5.7	5.1	
10/12/2020					130
3/29/2021	10	5.8	5.2	5	
4/1/2021					130

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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			
10/7/2020			6.1	4.7
10/12/2020	82	610		
3/29/2021			6.2	5.4
4/1/2021	140	510		

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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					<0.001
5/2/2016	0.0029		0.0019 (J)	0.0034	
5/3/2016					<0.001
5/4/2016		<0.001			
7/5/2016	<0.001		0.0051	0.0059	<0.001
7/8/2016		<0.001			
9/6/2016	<0.001	<0.001	<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		0.017 (o)	<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	<0.001		<0.001	<0.001	
3/13/2018					<0.001
3/14/2018		<0.001			
6/5/2018	<0.001		<0.001	<0.001	
6/8/2018					<0.001
6/10/2018		<0.001			
10/16/2018	<0.001		<0.001	<0.001	
10/18/2018		<0.001			
2/27/2019	<0.001	<0.001	<0.001	<0.001	
2/28/2019					<0.001
5/31/2019	<0.001	<0.001	<0.001	<0.001	
11/6/2019	<0.001	<0.001	<0.001	<0.001	
4/16/2020	<0.001	<0.001	<0.001	<0.001	
4/18/2020					<0.001
10/7/2020	<0.001	0.0046	0.001 (J)	0.0015 (J)	
10/12/2020					<0.001
3/29/2021	<0.001	0.0024	<0.001	<0.001	
4/1/2021					<0.001

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.001	0.00056 (J)
3/2/2016	<0.001	0.0026 (J)		
5/2/2016				0.0021 (J)
5/3/2016		<0.001	0.0012 (J)	
5/4/2016	<0.001			
7/5/2016		<0.001	<0.001	<0.001
7/6/2016	<0.001			
9/6/2016			<0.001	<0.001
9/8/2016	<0.001	<0.001		
11/7/2016			<0.001	<0.001
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	<0.001			
3/13/2017			<0.001	<0.001
3/16/2017	<0.001			
3/17/2017		<0.001		
5/15/2017			<0.001	<0.001
5/17/2017	<0.001	<0.001		
3/12/2018			<0.001	<0.001
3/14/2018	<0.001	<0.001		
6/6/2018			<0.001	<0.001
6/8/2018		<0.001		
6/9/2018	<0.001			
10/17/2018			<0.001	<0.001
2/27/2019			<0.001	<0.001
2/28/2019		<0.001		
3/5/2019	<0.001			
5/31/2019			<0.001	<0.001
11/6/2019			<0.001	<0.001
4/16/2020			<0.001	<0.001
4/18/2020		<0.001		
4/22/2020	<0.001			
10/7/2020			0.0033	0.0017 (J)
10/12/2020	0.0011 (J)	<0.001		
3/29/2021			<0.001	<0.001
4/1/2021	0.0018	<0.001		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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)	<0.00056	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		<0.00056			
7/5/2016	0.00049 (J)		0.0027	0.0032	0.0015 (J)
7/8/2016		<0.00056			
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.00056	
9/8/2016					<0.00056
11/7/2016	0.00049 (J)		0.00058 (J)	<0.00056	
11/9/2016					<0.00056
11/10/2016		<0.00056			
1/9/2017	0.00045 (J)		0.00059 (J)	<0.00056	
1/11/2017		<0.00056			
1/12/2017					0.00056 (J)
3/13/2017	0.00048 (J)		0.0005 (J)	<0.00056	
3/14/2017		<0.00056			
3/17/2017					0.0012 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.00056	
5/16/2017					0.0013 (J)
5/18/2017		<0.00056			
3/12/2018	0.00055 (J)		0.00055 (J)	<0.00056	
3/13/2018					0.0011 (J)
3/14/2018		<0.00056			
6/5/2018	0.00051 (J)		0.00052 (J)	<0.00056	
6/8/2018					0.0028
6/10/2018		<0.00056			
10/16/2018	0.00058 (J)		0.00045 (J)	<0.00056	
10/18/2018		<0.00056			
11/13/2018					0.0019 (J)
2/27/2019	0.00065 (J)	<0.00056	0.00056 (J)	<0.00056	
2/28/2019					0.0024 (J)
5/31/2019	0.00046 (J)	<0.00056	<0.00056	<0.00056	
6/4/2019					0.0013 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	
11/12/2019					<0.00056
4/16/2020	0.00058	0.00035 (J)	0.00043 (J)	0.00021 (J)	
4/18/2020					0.00048 (J)
10/7/2020	0.0006 (J)	<0.00056	<0.00056	<0.00056	
10/12/2020					<0.00056
3/29/2021	0.00059	<0.00056	<0.00056	<0.00056	
4/1/2021					0.0013

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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	<0.00056	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)	<0.00056
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	<0.00056	0.00043 (J)
11/14/2018	0.0016 (J)			
2/27/2019			<0.00056	0.00045 (J)
2/28/2019		0.0022 (J)		
3/5/2019	0.0017 (J)			
5/31/2019			<0.00056	<0.00056
6/4/2019	0.0014 (J)	0.0018 (J)		
11/6/2019			0.00029 (J)	0.00094 (J)
11/12/2019	<0.00056	0.00067 (J)		
4/16/2020			0.00029 (J)	0.00053
4/18/2020		0.0016		
4/22/2020	0.00091			
10/7/2020			<0.00056	<0.00056
10/12/2020	0.0014 (J)	0.0019 (J)		
3/29/2021			<0.00056	0.00062
4/1/2021	0.0012	0.002		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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
10/7/2020	1.14	1.07	0.763	1.75	
10/12/2020					4.51
3/29/2021	1.72	0.561	0.708		
3/30/2021				1.71	
4/1/2021					5.51

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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			
10/7/2020			0.709 (U)	0.46 (U)
10/12/2020	7.02	9.54		
3/29/2021			0.899	0.642
4/1/2021	9.55	9.3		

Time Series

Constituent: Field pH (SU) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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
10/7/2020	4.74	5.08	4.91	4.8	
10/12/2020					5.3
3/29/2021	4.79	4.92	4.89	4.8	
4/1/2021					5.06

Time Series

Constituent: Field pH (SU) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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			
10/7/2020			5.13	5.5
10/12/2020	4.56	4.82		
3/29/2021			4.93	5.46
4/1/2021	4.52	4.59		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.032	<0.032	<0.032	<0.032	
3/2/2016					0.088 (J)
5/2/2016	<0.032		<0.032	<0.032	
5/3/2016					0.05 (J)
5/4/2016		<0.032			
7/5/2016	<0.032		<0.032	<0.032	0.07 (J)
7/8/2016		<0.032			
9/6/2016	<0.032	<0.032	<0.032	<0.032	
9/8/2016					0.07 (J)
11/7/2016	<0.032		<0.032	<0.032	
11/9/2016					0.06 (J)
11/10/2016		<0.032			
1/9/2017	<0.032		<0.032	<0.032	
1/11/2017		<0.032			
1/12/2017					<0.032
3/13/2017	<0.032		<0.032	<0.032	
3/14/2017		<0.032			
3/17/2017					0.05 (J)
5/15/2017	<0.032		<0.032	<0.032	
5/16/2017					0.06 (J)
5/18/2017		<0.032			
10/2/2017	<0.032		<0.032	<0.032	
10/4/2017					0.08 (J)
10/5/2017		<0.032			
3/12/2018	<0.032		<0.032	<0.032	
3/13/2018					0.05 (J)
3/14/2018		0.12			
6/5/2018	<0.032		<0.032	<0.032	
6/8/2018					0.13
6/10/2018		<0.032			
10/16/2018	<0.032		<0.032	<0.032	
10/18/2018		<0.032			
11/13/2018					0.1
2/27/2019	<0.032	<0.032	<0.032	<0.032	
2/28/2019					0.3
5/31/2019	<0.032	<0.032	<0.032	<0.032	
6/4/2019					<0.032
11/6/2019	<0.032	<0.032	<0.032	<0.032	
11/12/2019					0.072 (J)
4/16/2020	<0.032	<0.032	<0.032	<0.032	
4/18/2020					<0.032
10/7/2020	<0.032	<0.032	<0.032	<0.032	
10/12/2020					<0.032
3/29/2021	0.06	<0.032	<0.032	<0.032	
4/1/2021					0.07

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.032	0.033 (J)
3/2/2016	0.54	0.074 (J)		
5/2/2016				<0.032
5/3/2016		0.05 (J)	<0.032	
5/4/2016	0.41			
7/5/2016		0.05 (J)	<0.032	<0.032
7/6/2016	0.49			
9/6/2016			<0.032	<0.032
9/8/2016	0.57	0.05 (J)		
11/7/2016			<0.032	<0.032
11/8/2016	0.47			
11/9/2016		0.04 (J)		
1/9/2017			<0.032	<0.032
1/12/2017		0.04 (J)		
1/13/2017	0.73			
3/13/2017			<0.032	<0.032
3/16/2017	0.92			
3/17/2017		0.04 (J)		
5/15/2017			<0.032	<0.032
5/17/2017	0.77	0.06 (J)		
10/2/2017			<0.032	<0.032
10/3/2017		0.11		
10/4/2017	0.96			
12/20/2017	0.88 (R)	0.08 (I)		
3/12/2018			<0.032	<0.032
3/14/2018	0.84	0.08 (J)		
6/6/2018			<0.032	<0.032
6/8/2018		0.1		
6/9/2018	0.78			
10/17/2018		0.12	<0.032	<0.032
11/14/2018	0.67			
2/27/2019			<0.032	<0.032
2/28/2019		0.1		
3/5/2019	0.64			
5/31/2019			<0.032	<0.032
6/4/2019	0.09 (J)	0.08 (J)		
11/6/2019			<0.032	<0.032
11/12/2019	0.57	0.045 (J)		
4/16/2020			<0.032	<0.032
4/18/2020		<0.032		
4/22/2020	0.39			
10/7/2020			<0.032	<0.032
10/12/2020	0.46	0.04 (J)		
3/29/2021			<0.032	<0.032
4/1/2021	0.5	0.07		

Time Series

Constituent: Lead (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00029	<0.00029	<0.00029	<0.00029	
3/2/2016					<0.00029
5/2/2016	<0.00029		<0.00029	<0.00029	
5/3/2016					0.0015
5/4/2016		<0.00029			
7/5/2016	<0.00029		<0.00029	<0.00029	0.0017
7/8/2016		<0.00029			
9/6/2016	<0.00029	<0.00029	<0.00029	<0.00029	
9/8/2016					0.0021 (J)
11/7/2016	<0.00029		<0.00029	<0.00029	
11/9/2016					<0.00029
11/10/2016		<0.00029			
1/9/2017	<0.00029		<0.00029	<0.00029	
1/11/2017		<0.00029			
1/12/2017					0.00041 (J)
3/13/2017	<0.00029		<0.00029	<0.00029	
3/14/2017		<0.00029			
3/17/2017					0.0011 (J)
5/15/2017	<0.00029		<0.00029	<0.00029	
5/16/2017					0.0011 (J)
5/18/2017		<0.00029			
3/12/2018	<0.00029		<0.00029	<0.00029	
3/13/2018					0.00047 (J)
3/14/2018		<0.00029			
6/5/2018	<0.00029		<0.00029	<0.00029	
6/8/2018					0.0013
6/10/2018		<0.00029			
10/16/2018	<0.00029		<0.00029	<0.00029	
10/18/2018		<0.00029			
11/13/2018					0.0014
2/27/2019	<0.00029	<0.00029	0.001 (J)	<0.00029	
2/28/2019					0.0012 (J)
5/31/2019	<0.00029	<0.00029	<0.00029	<0.00029	
6/4/2019					0.00079 (J)
11/6/2019	0.0001 (J)	<0.00029	6.6E-05 (J)	8.4E-05 (J)	
11/12/2019					0.00069 (J)
4/16/2020	6.6E-05 (J)	<0.00029	<0.00029	<0.00029	
4/18/2020					0.00042
10/7/2020	<0.00029	<0.00029	<0.00029	<0.00029	
10/12/2020					0.00034 (J)
3/29/2021	<0.00029	<0.00029	<0.00029	<0.00029	
4/1/2021					0.00058

Time Series

Constituent: Lead (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00029	<0.00029
3/2/2016	<0.00029	0.011		
5/2/2016				<0.00029
5/3/2016		0.0087	<0.00029	
5/4/2016	<0.00029			
7/5/2016		0.011	<0.00029	<0.00029
7/6/2016	<0.00029			
9/6/2016			<0.00029	<0.00029
9/8/2016	<0.00029	0.0092		
11/7/2016			<0.00029	<0.00029
11/8/2016	<0.00029			
11/9/2016		0.01		
1/9/2017			<0.00029	<0.00029
1/12/2017		0.0086		
1/13/2017	<0.00029			
3/13/2017			<0.00029	<0.00029
3/16/2017	<0.00029			
3/17/2017		0.0082		
5/15/2017			<0.00029	<0.00029
5/17/2017	<0.00029	0.0081		
3/12/2018			<0.00029	<0.00029
3/14/2018	<0.00029	0.004		
6/6/2018			<0.00029	<0.00029
6/8/2018		0.0034		
6/9/2018	<0.00029			
10/17/2018		0.0026	<0.00029	<0.00029
11/14/2018	<0.00029			
2/27/2019			<0.00029	<0.00029
2/28/2019		0.0019		
3/5/2019	0.00037 (J)			
5/31/2019			<0.00029	<0.00029
6/4/2019	0.00065 (J)	0.0011 (J)		
11/6/2019			<0.00029	0.0002 (J)
11/12/2019	0.00061 (J)	0.001 (J)		
4/16/2020			<0.00029	0.00016 (J)
4/18/2020		0.00057		
4/22/2020	0.0005			
10/7/2020			<0.00029	<0.00029
10/12/2020	0.0005 (J)	0.00085 (J)		
3/29/2021			<0.00029	<0.00029
4/1/2021	0.00057	0.00076		

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0019	<0.0019	<0.0019	<0.0019	
3/2/2016					0.01 (J)
5/2/2016	<0.0019		<0.0019	<0.0019	
5/3/2016					<0.0019
5/4/2016		<0.0019			
7/5/2016	<0.0019		<0.0019	<0.0019	<0.0019
7/8/2016		<0.0019			
9/6/2016	<0.0019	0.0037 (J)	<0.0019	<0.0019	
9/8/2016					<0.0019
11/7/2016	<0.0019		<0.0019	<0.0019	
11/9/2016					<0.0019
11/10/2016		<0.0019			
1/9/2017	<0.0019		<0.0019	<0.0019	
1/11/2017		<0.0019			
1/12/2017					<0.0019
3/13/2017	<0.0019		<0.0019	<0.0019	
3/14/2017		<0.0019			
3/17/2017					<0.0019
5/15/2017	<0.0019		<0.0019	<0.0019	
5/16/2017					<0.0019
5/18/2017		<0.0019			
3/12/2018	0.0011 (J)		0.0014 (J)	<0.0019	
3/13/2018					<0.0019
3/14/2018		<0.0019			
6/5/2018	<0.0019		0.0012 (J)	<0.0019	
6/8/2018					<0.0019
6/10/2018		<0.0019			
10/16/2018	<0.0019		0.0015 (J)	0.0013 (J)	
10/18/2018		0.0013 (J)			
11/13/2018					0.0024 (J)
2/27/2019	<0.0019	<0.0019	<0.0019	<0.0019	
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	<0.0019	
11/12/2019					<0.0019
4/16/2020	0.0006 (J)	<0.0019	0.00063 (J)	<0.0019	
4/18/2020					<0.0019
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)	
10/12/2020					<0.0019
3/29/2021	<0.0019	0.0019	<0.0019	<0.0019	
4/1/2021					<0.0019

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0019	0.0037
3/2/2016	<0.0019	<0.0019		
5/2/2016				<0.0019
5/3/2016		<0.0019	<0.0019	
5/4/2016	0.0069			
7/5/2016		<0.0019	<0.0019	<0.0019
7/6/2016	0.0086			
9/6/2016			<0.0019	<0.0019
9/8/2016	0.035	<0.0019		
11/7/2016			<0.0019	0.0097 (o)
11/8/2016	<0.0019			
11/9/2016		<0.0019		
1/9/2017			<0.0019	<0.0019
1/12/2017		<0.0019		
1/13/2017	0.0078			
3/13/2017			<0.0019	<0.0019
3/16/2017	0.0062			
3/17/2017		<0.0019		
5/15/2017			<0.0019	<0.0019
5/17/2017	0.0042 (J)	<0.0019		
3/12/2018			<0.0019	<0.0019
3/14/2018	0.0053	<0.0019		
6/6/2018			<0.0019	0.0021 (J)
6/8/2018		0.0012 (J)		
6/9/2018	0.0044 (J)			
10/17/2018		0.0014 (J)	<0.0019	0.0012 (J)
11/14/2018	0.005			
2/27/2019			<0.0019	0.002 (J)
2/28/2019		<0.0019		
3/5/2019	0.0043 (J)			
5/31/2019			0.0015 (J)	0.0026 (J)
6/4/2019	0.0044 (J)	<0.0019		
11/6/2019			0.00063 (J)	0.0012
11/12/2019	0.0026 (J)	<0.0019		
4/16/2020			<0.0019	0.00091 (J)
4/18/2020		<0.0019		
4/22/2020	0.0024			
10/7/2020			0.005	0.0049 (J)
10/12/2020	0.0026 (J)	<0.0019		
3/29/2021			<0.0019	0.0042
4/1/2021	0.005	0.0029		

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<7E-05	<7E-05	9.1E-05 (J)	<7E-05	
3/2/2016					0.0027
5/2/2016	<7E-05		7.4E-05 (J)	<7E-05	
5/3/2016					0.003
5/4/2016		<7E-05			
7/5/2016	<7E-05		<7E-05	<7E-05	0.0023
7/8/2016		<7E-05 (*)			
9/6/2016	<7E-05 (*)	<7E-05	<7E-05 (*)	<7E-05	
9/8/2016					0.0034
11/7/2016	<7E-05		<7E-05	<7E-05	
11/9/2016					0.0012
11/10/2016		<7E-05			
1/9/2017	<7E-05 (*)		<7E-05 (*)	<7E-05 (*)	
1/11/2017		<7E-05			
1/12/2017					0.0012
3/13/2017	<7E-05		<7E-05	<7E-05	
3/14/2017		<7E-05 (*)			
3/17/2017					0.0022
5/15/2017	<7E-05		<7E-05	<7E-05	
5/16/2017					0.0019
5/18/2017		<7E-05			
3/12/2018	<7E-05		<7E-05	<7E-05	
3/13/2018					0.0014
3/14/2018		9.3E-05 (J)			
6/5/2018	<7E-05		<7E-05	<7E-05	
6/8/2018					0.0018
6/10/2018		<7E-05			
10/16/2018	<7E-05		<7E-05	<7E-05	
10/18/2018		<7E-05			
11/13/2018					0.0021
2/27/2019	<7E-05	<7E-05	<7E-05	<7E-05	
2/28/2019					0.0016
5/31/2019	<7E-05	<7E-05	<7E-05	<7E-05	
6/4/2019					0.00061
11/6/2019	<7E-05	<7E-05	<7E-05	<7E-05	
11/12/2019					0.00056
4/16/2020	<7E-05	<7E-05	<7E-05	<7E-05	
4/18/2020					0.00013 (J)
10/7/2020	<7E-05	<7E-05	0.00025	0.00013 (J)	
10/12/2020					0.00017 (J)
3/29/2021	<7E-05	<7E-05	<7E-05	<7E-05	
4/1/2021					0.00025

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<7E-05	<7E-05
3/2/2016	0.0026	0.00024		
5/2/2016				<7E-05
5/3/2016		0.00036	<7E-05	
5/4/2016	0.0022			
7/5/2016		0.0007	<7E-05	<7E-05
7/6/2016	0.0026			
9/6/2016			<7E-05 (*)	<7E-05 (*)
9/8/2016	0.0027	0.00081		
11/7/2016			<7E-05	<7E-05
11/8/2016	0.0016			
11/9/2016		0.00099		
1/9/2017			<7E-05 (*)	<7E-05 (*)
1/12/2017		0.00064		
1/13/2017	0.0026			
3/13/2017			<7E-05	<7E-05
3/16/2017	0.0015			
3/17/2017		0.00033		
5/15/2017			<7E-05	<7E-05
5/17/2017	0.00016 (J)	0.00034		
3/12/2018			<7E-05	<7E-05
3/14/2018	0.00051	0.0002		
6/6/2018			<7E-05	<7E-05
6/8/2018		0.00016 (J)		
6/9/2018	0.00032			
10/17/2018		0.00014 (J)	<7E-05	<7E-05
11/14/2018	8.2E-05 (J)			
2/27/2019			<7E-05	<7E-05
2/28/2019		0.00012 (J)		
3/5/2019	0.0026			
5/31/2019			<7E-05	<7E-05
6/4/2019	0.0012	<7E-05		
11/6/2019			<7E-05	<7E-05
11/12/2019	0.00048	<7E-05		
4/16/2020			<7E-05	<7E-05
4/18/2020		<7E-05		
4/22/2020	0.0004			
10/7/2020			8E-05 (J)	<7E-05
10/12/2020	0.00026	<7E-05		
3/29/2021			<7E-05	<7E-05
4/1/2021	0.00029	<7E-05		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0045	<0.0045	<0.0045	<0.0045	
3/2/2016					<0.0045
5/2/2016	<0.0045		<0.0045	<0.0045	
5/3/2016					<0.0045
5/4/2016		<0.0045			
7/5/2016	<0.0045		<0.0045	<0.0045	<0.0045
7/8/2016		<0.0045			
9/6/2016	<0.0045	<0.0045	<0.0045	<0.0045	
9/8/2016					<0.0045
11/7/2016	<0.0045		<0.0045	<0.0045	
11/9/2016					<0.0045
11/10/2016		<0.0045			
1/9/2017	<0.0045		<0.0045	<0.0045	
1/11/2017		<0.0045			
1/12/2017					<0.0045
3/13/2017	0.0042 (J)		<0.0045	0.0022 (J)	
3/14/2017		<0.0045			
3/17/2017					0.0078 (J)
5/15/2017	<0.0045		<0.0045	<0.0045	
5/16/2017					<0.0045
5/18/2017		<0.0045			
3/12/2018	<0.0045		<0.0045	<0.0045	
3/13/2018					<0.0045
3/14/2018		<0.0045			
6/5/2018	<0.0045		0.00088 (J)	<0.0045	
6/8/2018					<0.0045
6/10/2018		<0.0045			
10/16/2018	<0.0045		<0.0045	<0.0045	
10/18/2018		<0.0045			
11/13/2018					<0.0045
2/27/2019	<0.0045	<0.0045	<0.0045	<0.0045	
2/28/2019					<0.0045
5/31/2019	<0.0045	<0.0045	<0.0045	<0.0045	
11/6/2019	<0.0045	<0.0045	<0.0045	<0.0045	
4/16/2020	<0.0045	<0.0045	<0.0045	<0.0045	
4/18/2020					<0.0045
10/7/2020	<0.0045	<0.0045	<0.0045	<0.0045	
10/12/2020					<0.0045
3/29/2021	<0.0045	<0.0045	<0.0045	<0.0045	
4/1/2021					<0.0045

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0045	<0.0045
3/2/2016	<0.0045	<0.0045		
5/2/2016				<0.0045
5/3/2016		<0.0045	<0.0045	
5/4/2016	<0.0045			
7/5/2016		<0.0045	<0.0045	<0.0045
7/6/2016	<0.0045			
9/6/2016			<0.0045	<0.0045
9/8/2016	<0.0045	<0.0045		
11/7/2016			<0.0045	<0.0045
11/8/2016	<0.0045			
11/9/2016		<0.0045		
1/9/2017			<0.0045	<0.0045
1/12/2017		<0.0045		
1/13/2017	<0.0045			
3/13/2017			<0.0045	<0.0045
3/16/2017	0.0015 (J)			
3/17/2017		<0.0045		
5/15/2017			<0.0045	<0.0045
5/17/2017	<0.0045	<0.0045		
3/12/2018			<0.0045	<0.0045
3/14/2018	<0.0045	0.00092 (J)		
6/6/2018			<0.0045	<0.0045
6/8/2018		<0.0045		
6/9/2018	<0.0045			
10/17/2018		<0.0045	<0.0045	<0.0045
11/14/2018	<0.0045			
2/27/2019			<0.0045	<0.0045
2/28/2019		<0.0045		
3/5/2019	<0.0045			
5/31/2019			<0.0045	<0.0045
11/6/2019			<0.0045	<0.0045
4/16/2020			<0.0045	<0.0045
4/18/2020		<0.0045		
4/22/2020	<0.0045			
10/7/2020			<0.0045	<0.0045
10/12/2020	<0.0045	<0.0045		
3/29/2021			<0.0045	<0.0045
4/1/2021	<0.0045	<0.0045		

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00082	<0.00082	<0.00082	<0.00082	
3/2/2016					0.018
5/2/2016	<0.00082		<0.00082	0.00025 (J)	
5/3/2016					0.016
5/4/2016		<0.00082			
7/5/2016	<0.00082		<0.00082	<0.00082	0.018
7/8/2016		<0.00082			
9/6/2016	0.00049 (J)	<0.00082	<0.00082	0.00027 (J)	
9/8/2016					0.016
11/7/2016	<0.00082		<0.00082	<0.00082	
11/9/2016					0.013
11/10/2016		<0.00082			
1/9/2017	<0.00082		<0.00082	<0.00082	
1/11/2017		0.00049 (J)			
1/12/2017					0.004
3/13/2017	0.0023		<0.00082	0.0025	
3/14/2017		<0.00082			
3/17/2017					0.015
5/15/2017	<0.00082		<0.00082	<0.00082	
5/16/2017					0.01
5/18/2017		<0.00082			
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	<0.00082		<0.00082	<0.00082	
10/18/2018		<0.00082			
11/13/2018					0.0062
2/27/2019	<0.00082	<0.00082	<0.00082	<0.00082	
2/28/2019					0.0044
5/31/2019	<0.00082	<0.00082	<0.00082	<0.00082	
6/4/2019					0.0044
11/6/2019	<0.00082	<0.00082	<0.00082	0.00034	
11/12/2019					0.0042
4/16/2020	<0.00082	<0.00082	<0.00082	0.0004	
4/18/2020					0.0028
10/7/2020	<0.00082	<0.00082	<0.00082	<0.00082	
10/12/2020					0.0025
3/29/2021	<0.00082	<0.00082	<0.00082	<0.00082	
4/1/2021					0.0042

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00082	<0.00082
3/2/2016	0.013	0.026		
5/2/2016				<0.00082
5/3/2016		0.019	<0.00082	
5/4/2016	0.014			
7/5/2016		0.018	<0.00082	<0.00082
7/6/2016	0.015			
9/6/2016			<0.00082	<0.00082
9/8/2016	0.018	0.018		
11/7/2016			<0.00082	<0.00082
11/8/2016	0.015			
11/9/2016		0.02		
1/9/2017			<0.00082	<0.00082
1/12/2017		0.017		
1/13/2017	0.014			
3/13/2017			<0.00082	<0.00082
3/16/2017	0.012			
3/17/2017		0.016		
5/15/2017			<0.00082	<0.00082
5/17/2017	0.0094	0.013		
3/12/2018			0.00026 (J)	<0.00082
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	<0.00082	<0.00082
11/14/2018	0.0031			
2/27/2019			<0.00082	<0.00082
2/28/2019		0.011		
3/5/2019	0.0012 (J)			
5/31/2019			<0.00082	<0.00082
6/4/2019	0.002	0.015		
11/6/2019			<0.00082	<0.00082
11/12/2019	0.0026	0.012		
4/16/2020			<0.00082	<0.00082
4/18/2020		0.0085		
4/22/2020	0.0037			
10/7/2020			<0.00082	<0.00082
10/12/2020	0.003	0.0071		
3/29/2021			<0.00082	<0.00082
4/1/2021	0.0036	0.008		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<1.4	<1.4	<1.4	1.6 (J)	
3/2/2016					400
5/2/2016	15 (o)		<1.4	2.1 (J)	
5/3/2016					2.2 (J)
5/4/2016		<1.4			
7/5/2016	<1.4		<1.4	2 (J)	450 (J)
7/8/2016		<1.4			
9/6/2016	<1.4	<1.4	<1.4	1.8 (J)	
9/8/2016					450
11/7/2016	<1.4		<1.4	1.7 (J)	
11/9/2016					430
11/10/2016		<1.4			
1/9/2017	<1.4		2.6 (J)	1.5 (J)	
1/11/2017		<1.4			
1/12/2017					130
3/13/2017	2.5 (J)		<1.4	2.2 (J)	
3/14/2017		<1.4			
3/17/2017					290
5/15/2017	<1.4		<1.4	1.9 (J)	
5/16/2017					280
5/18/2017		<1.4 (X)			
10/2/2017	<1.4		<1.4	3.4 (J)	
10/4/2017					250
10/5/2017		<1.4			
12/20/2017					230 (R)
3/12/2018	<1.4		<1.4	2.6 (J)	
3/13/2018					160
3/14/2018		<1.4			
6/5/2018	<1.4		<1.4	2.6 (J)	
6/8/2018					160
6/10/2018		1.5 (J)			
10/16/2018	<1.4		<1.4	2.8 (J)	
10/18/2018		<1.4			
11/13/2018					130
2/27/2019	<1.4	1.9 (J)	<1.4	2.4 (J)	
2/28/2019					130
5/31/2019	<1.4	<1.4	<1.4	3.3 (J)	
6/4/2019					100
11/6/2019	<1.4	<1.4	<1.4	3.7 (J)	
11/12/2019					100
4/16/2020	<1.4	<1.4	<1.4	1.7 (J)	
4/18/2020					64
10/7/2020	<1.4	<1.4	<1.4	4 (J)	
10/12/2020					64
3/29/2021	<1.4	<1.4	<1.4	2.3	
4/1/2021					84

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<1.4	<1.4
3/2/2016	450	460		
5/2/2016				<1.4
5/3/2016		740	<1.4	
5/4/2016	500			
7/5/2016		750	<1.4	<1.4
7/6/2016	370			
9/6/2016			<1.4	3.7 (J)
9/8/2016	450	710		
11/7/2016			<1.4	<1.4
11/8/2016	450			
11/9/2016		810		
1/9/2017			<1.4	<1.4
1/12/2017		600		
1/13/2017	390			
3/13/2017			<1.4	<1.4
3/16/2017	290			
3/17/2017		640		
5/15/2017			<1.4	<1.4
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			<1.4	<1.4
3/14/2018	190	470		
6/6/2018			<1.4	<1.4
6/8/2018		440		
6/9/2018	170			
10/17/2018		270	<1.4	<1.4
11/14/2018	110			
2/27/2019			<1.4	<1.4
2/28/2019		240		
3/5/2019	86			
5/31/2019			<1.4	<1.4
6/4/2019	100	280		
11/6/2019			<1.4	<1.4
11/12/2019	93	260		
4/16/2020			<1.4	<1.4
4/18/2020		250		
4/22/2020	130			
10/7/2020			<1.4	<1.4
10/12/2020	110	230		
3/29/2021			<1.4	<1.4
4/1/2021	110	200		

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00012	<0.00012	<0.00012	<0.00012	
3/2/2016					0.00058 (J)
5/2/2016	<0.00012		<0.00012	<0.00012	
5/3/2016					0.00041 (J)
5/4/2016		<0.00012			
7/5/2016	<0.00012		<0.00012	<0.00012	0.0004 (J)
7/8/2016		<0.00012			
9/6/2016	<0.00012	<0.00012	<0.00012	<0.00012	
9/8/2016					0.00045 (J)
11/7/2016	<0.00012		<0.00012	<0.00012	
11/9/2016					<0.00012
11/10/2016		<0.00012			
1/9/2017	<0.00012		<0.00012	<0.00012	
1/11/2017		<0.00012			
1/12/2017					0.00012 (J)
3/13/2017	<0.00012		<0.00012	<0.00012	
3/14/2017		<0.00012			
3/17/2017					0.00027 (J)
5/15/2017	<0.00012		<0.00012	<0.00012	
5/16/2017					0.00025 (J)
5/18/2017		<0.00012			
3/12/2018	<0.00012		<0.00012	<0.00012	
3/13/2018					0.00018 (J)
3/14/2018		<0.00012			
6/5/2018	<0.00012		<0.00012	<0.00012	
6/8/2018					0.00018 (J)
6/10/2018		<0.00012			
10/16/2018	<0.00012		<0.00012	<0.00012	
10/18/2018		<0.00012			
11/13/2018					<0.00012
2/27/2019	<0.00012	<0.00012	<0.00012	<0.00012	
2/28/2019					0.0001 (J)
5/31/2019	<0.00012	<0.00012	<0.00012	<0.00012	
6/4/2019					<0.00012
11/6/2019	<0.00012	<0.00012	<0.00012	<0.00012	
11/12/2019					<0.00012
4/16/2020	<0.00012	<0.00012	<0.00012	<0.00012	
4/18/2020					5.8E-05 (J)
10/7/2020	<0.00012	<0.00012	<0.00012	<0.00012	
10/12/2020					0.00014 (J)
3/29/2021	<0.00012	<0.00012	<0.00012	<0.00012 (D)	
4/1/2021					<0.00012

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00012	<0.00012
3/2/2016	0.0003 (J)	0.00095 (J)		
5/2/2016				<0.00012
5/3/2016		0.00089	<0.00012	
5/4/2016	0.0005			
7/5/2016		0.001	<0.00012	<0.00012
7/6/2016	0.00047 (J)			
9/6/2016			<0.00012	<0.00012
9/8/2016	0.00053 (J)	0.00088 (J)		
11/7/2016			<0.00012	<0.00012
11/8/2016	0.00055 (J)			
11/9/2016		0.00083 (J)		
1/9/2017			<0.00012	<0.00012
1/12/2017		0.00076		
1/13/2017	0.00057			
3/13/2017			<0.00012	<0.00012
3/16/2017	0.0004 (J)			
3/17/2017		0.00088		
5/15/2017			<0.00012	<0.00012
5/17/2017	0.00029 (J)	0.00071		
3/12/2018			<0.00012	<0.00012
3/14/2018	0.00027 (J)	0.00055		
6/6/2018			<0.00012	<0.00012
6/8/2018		0.00048 (J)		
6/9/2018	0.00023 (J)			
10/17/2018		0.0003 (J)	<0.00012	<0.00012
11/14/2018	0.00015 (J)			
2/27/2019			<0.00012	<0.00012
2/28/2019		0.00024 (J)		
3/5/2019	0.00016 (J)			
5/31/2019			<0.00012	<0.00012
6/4/2019	0.00011 (J)	0.00017 (J)		
11/6/2019			<0.00012	<0.00012
11/12/2019	0.00012 (J)	0.00019 (J)		
4/16/2020			<0.00012	<0.00012
4/18/2020		0.00023		
4/22/2020	0.00015			
10/7/2020			<0.00012	<0.00012
10/12/2020	0.00025 (J)	0.00033 (J)		
3/29/2021			<0.00012	<0.00012
4/1/2021	0.00012	0.0002		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

Gulf Clean Energy Center 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
10/7/2020	30	24	20	26	
10/12/2020					600
3/29/2021	38	26	12	28	
4/1/2021					640

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 5:43 PM View: 200 Series General

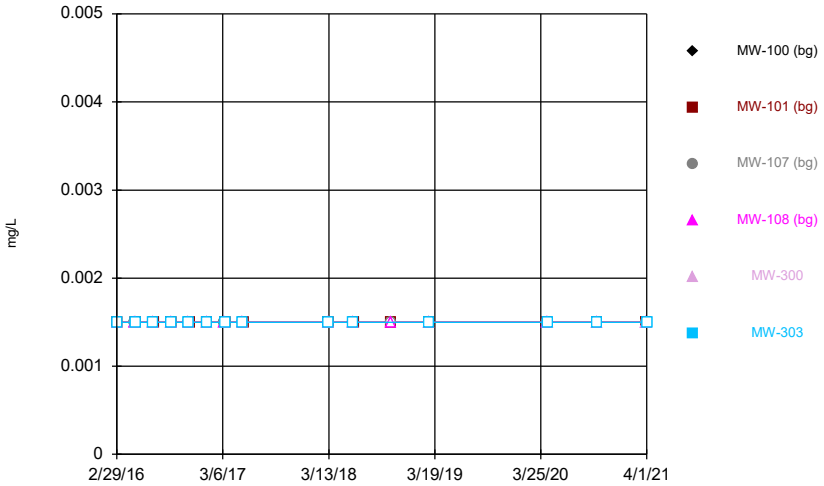
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	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			
10/7/2020			16	12
10/12/2020	460	2200		
3/29/2021			42	40
4/1/2021	650	2300		

300 Series

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

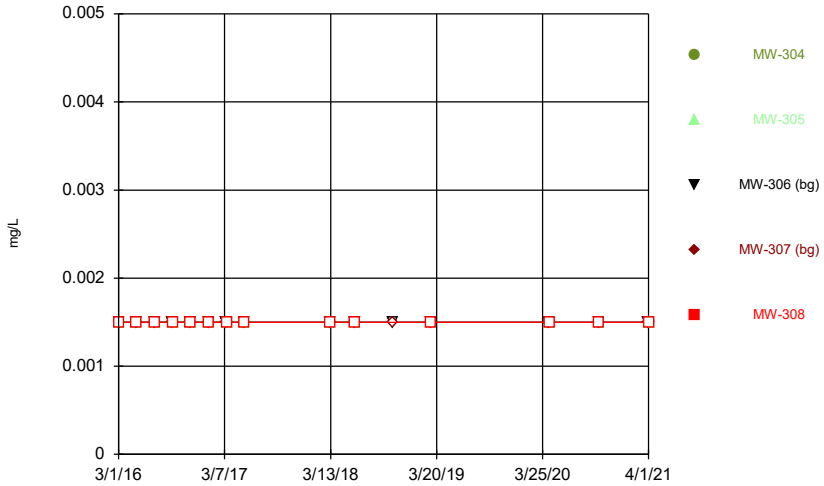
Time Series



Constituent: Antimony Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

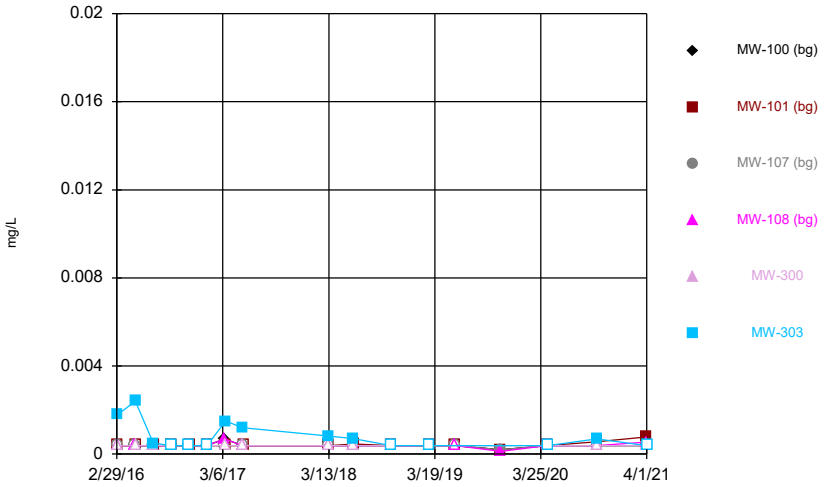
Time Series



Constituent: Antimony Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

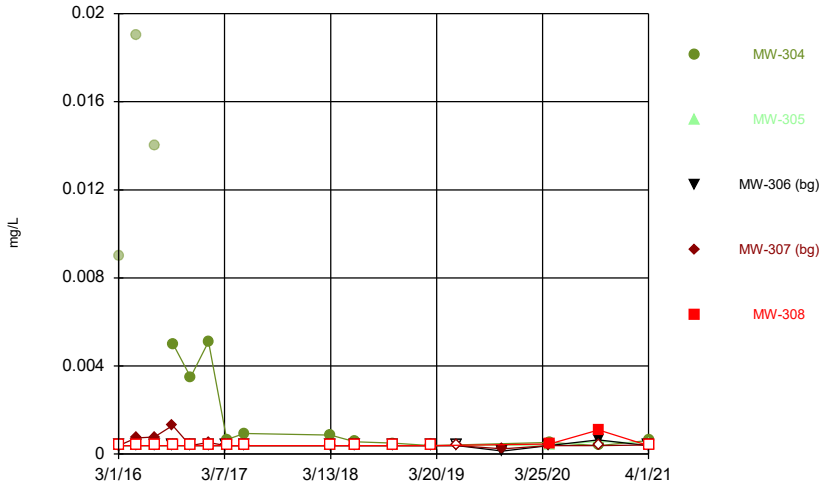
Time Series



Constituent: Arsenic Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

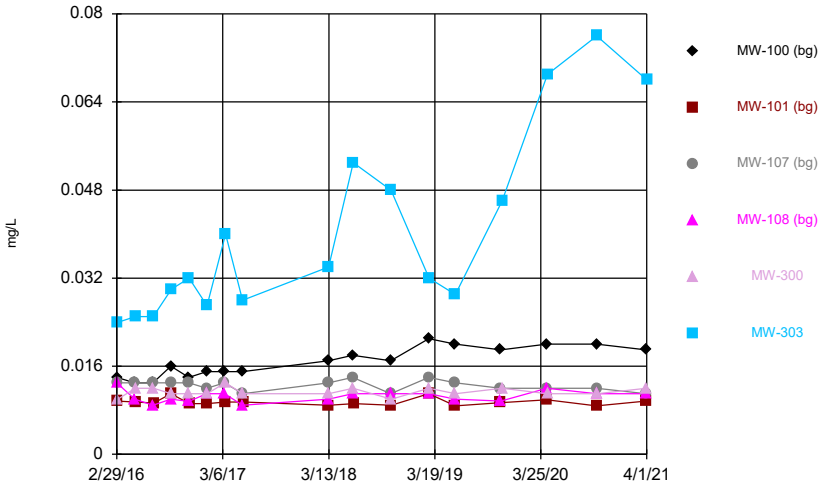
Time Series



Constituent: Arsenic Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

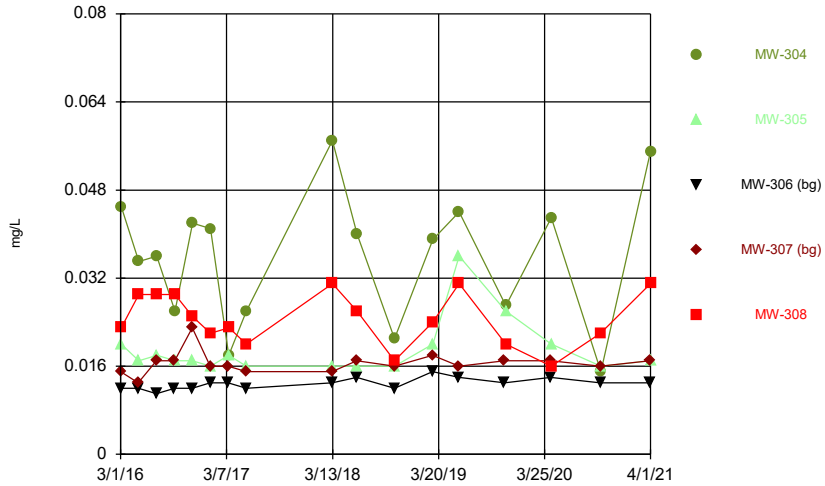
Time Series



Constituent: Barium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

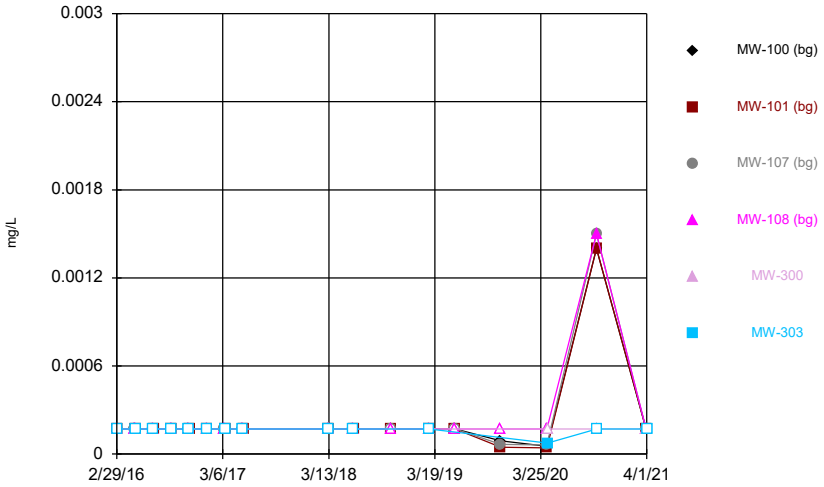
Time Series



Constituent: Barium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

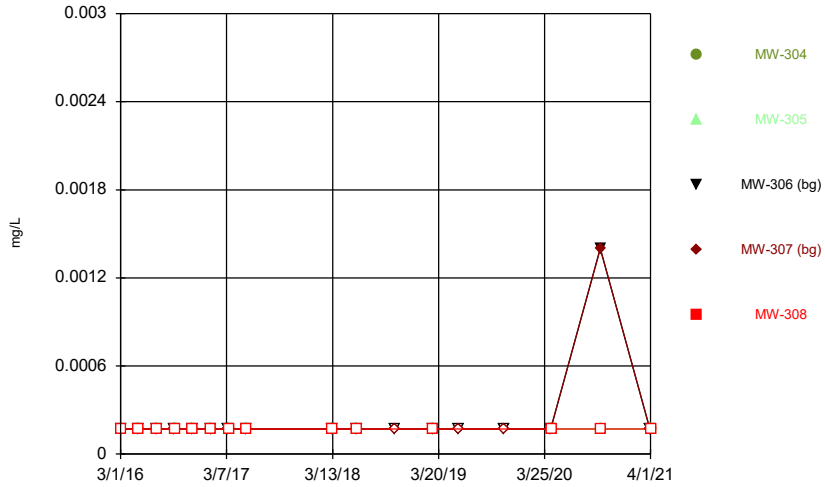
Time Series



Constituent: Beryllium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

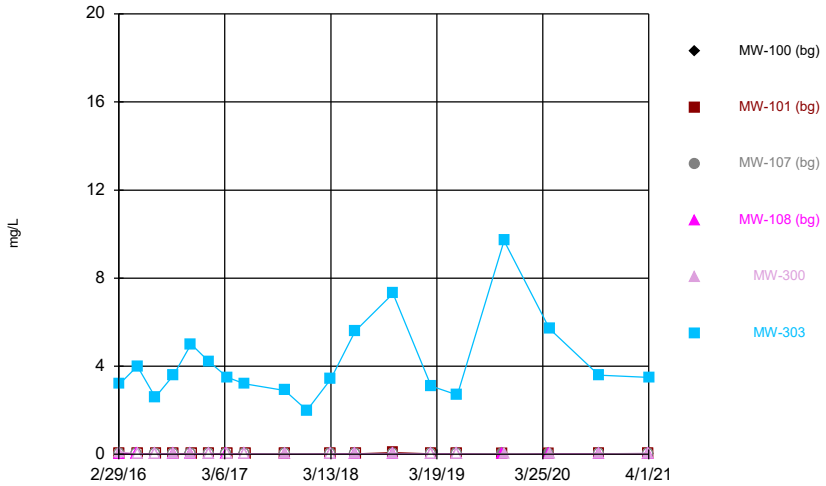
Time Series



Constituent: Beryllium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

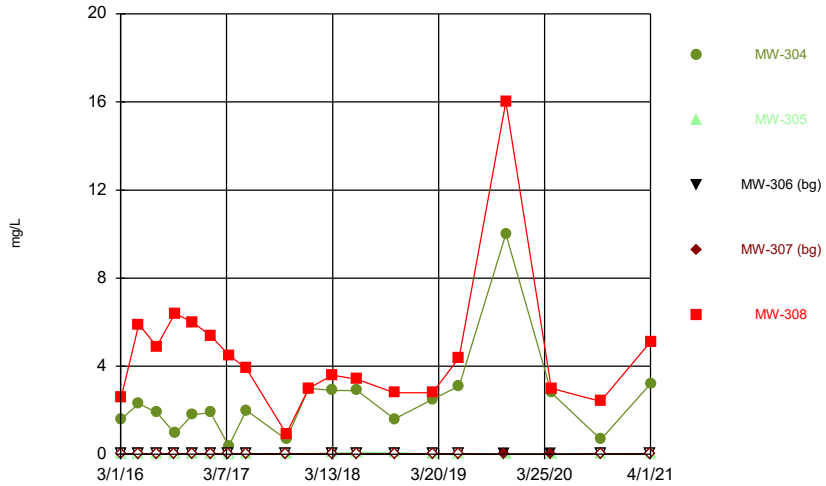
Time Series



Constituent: Boron Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

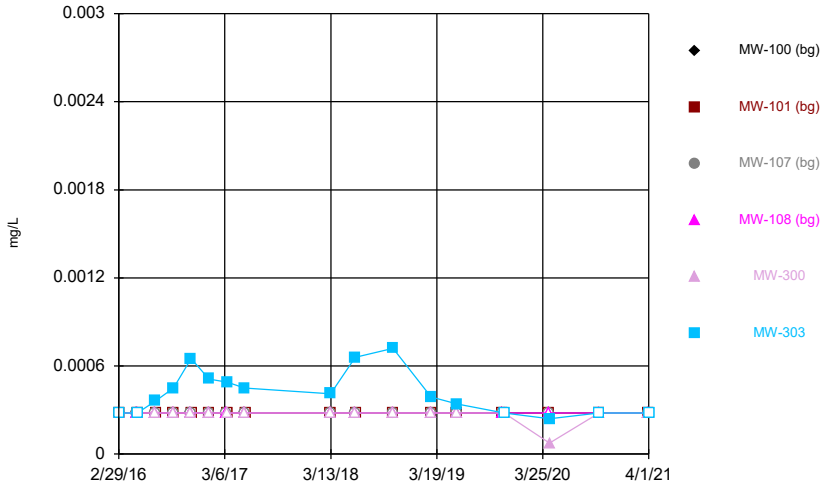
Time Series



Constituent: Boron Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

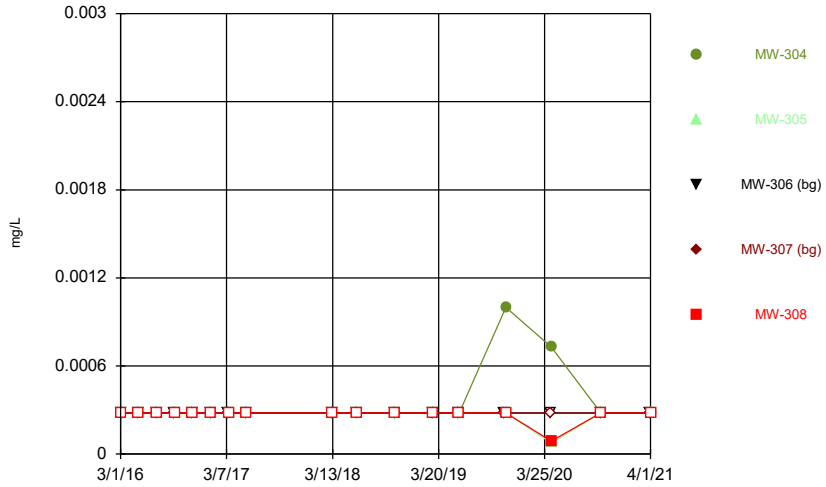
Time Series



Constituent: Cadmium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

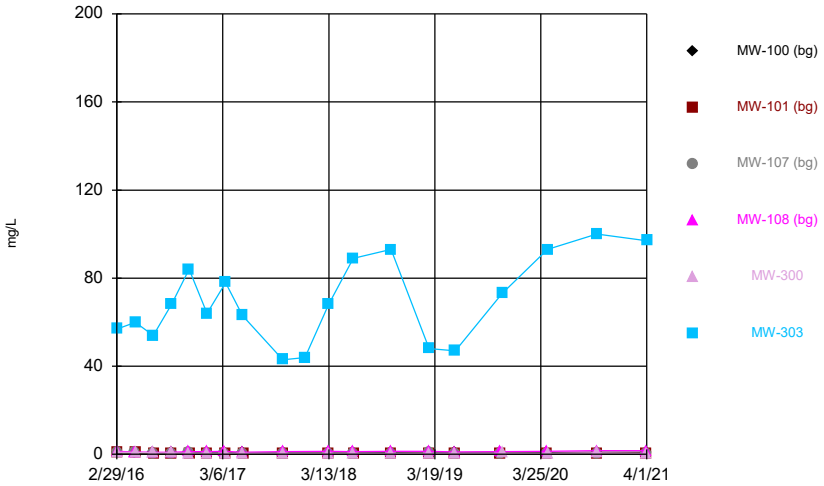
Time Series



Constituent: Cadmium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

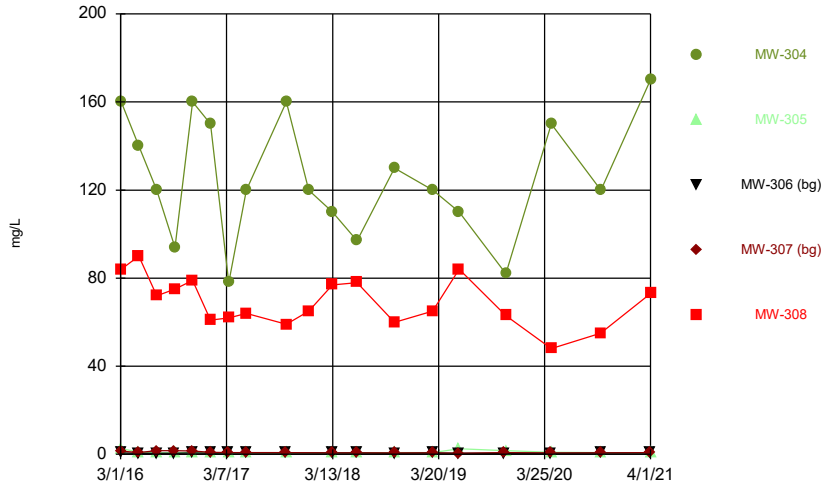
Time Series



Constituent: Calcium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

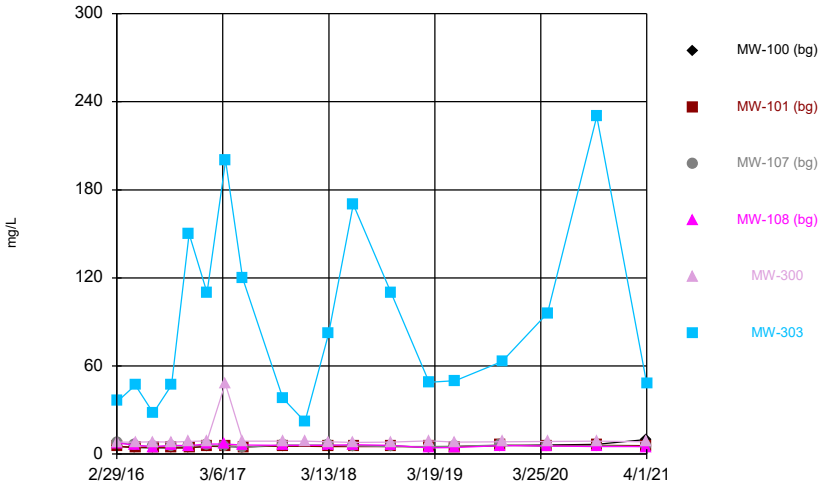
Time Series



Constituent: Calcium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

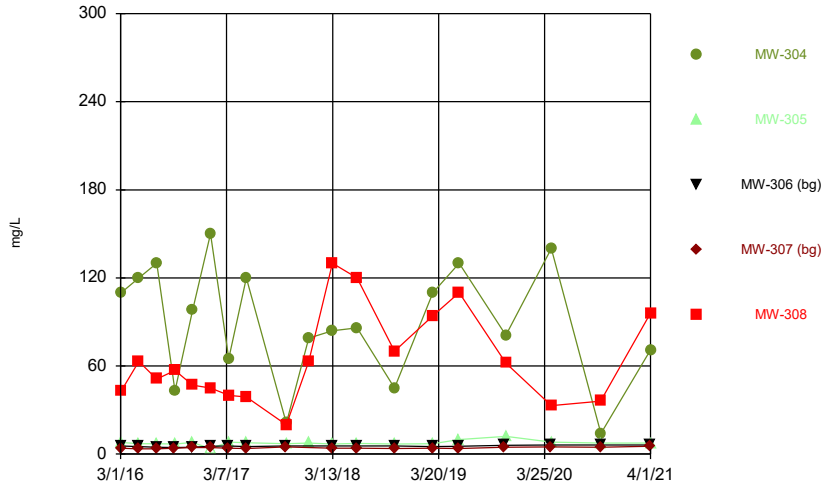
Time Series



Constituent: Chloride Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

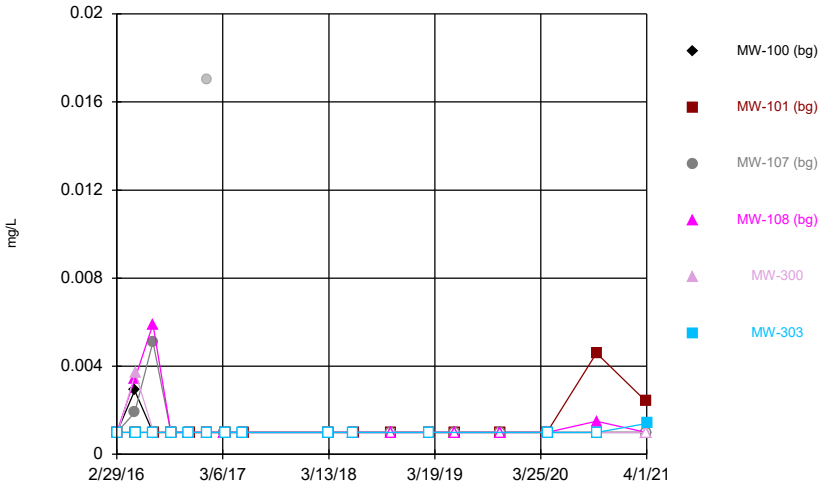
Time Series



Constituent: Chloride Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

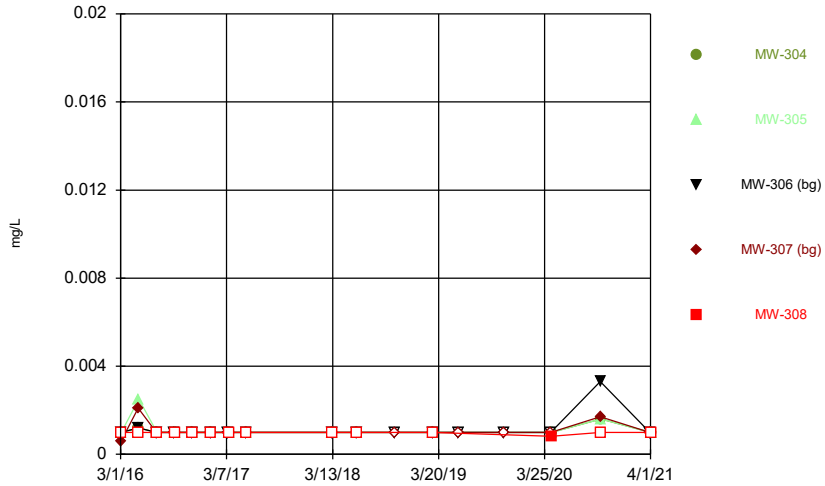
Time Series



Constituent: Chromium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

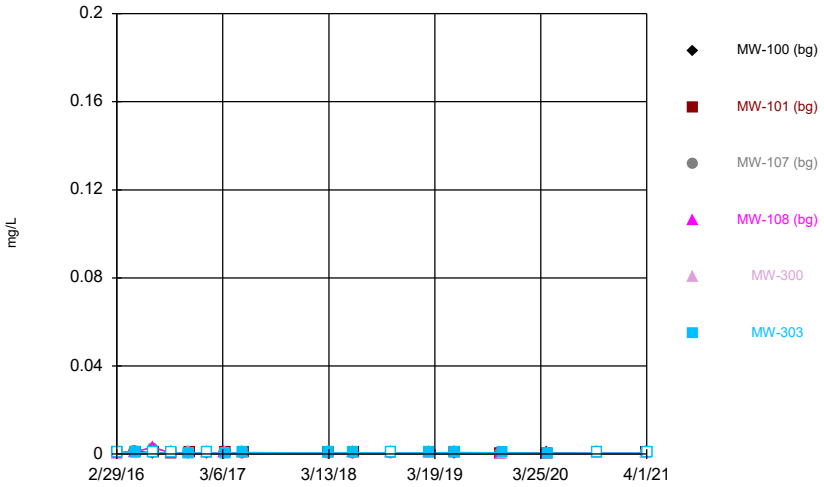
Time Series



Constituent: Chromium Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

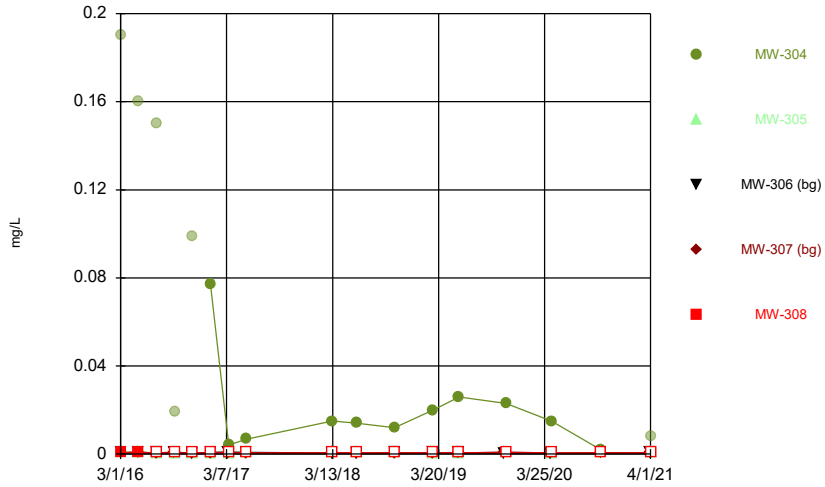
Time Series



Constituent: Cobalt Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

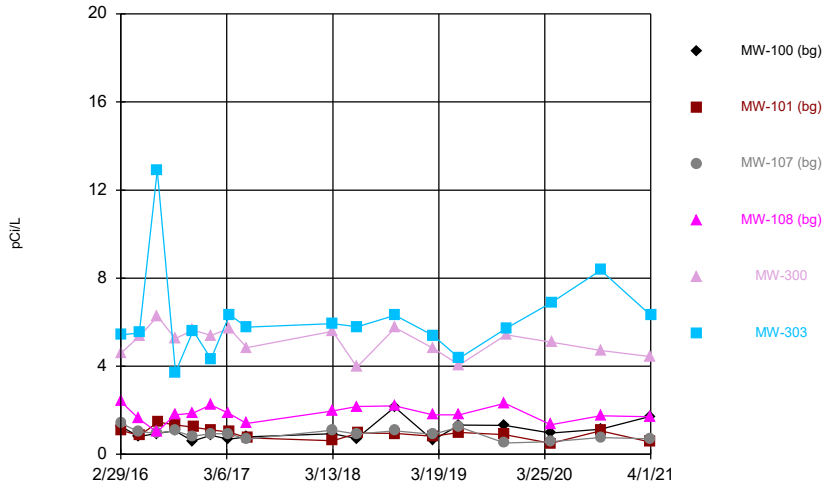
Time Series



Constituent: Cobalt Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

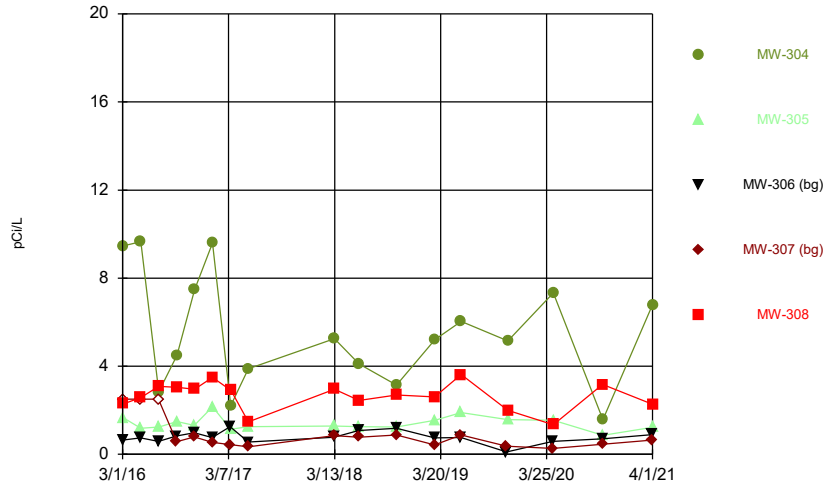
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

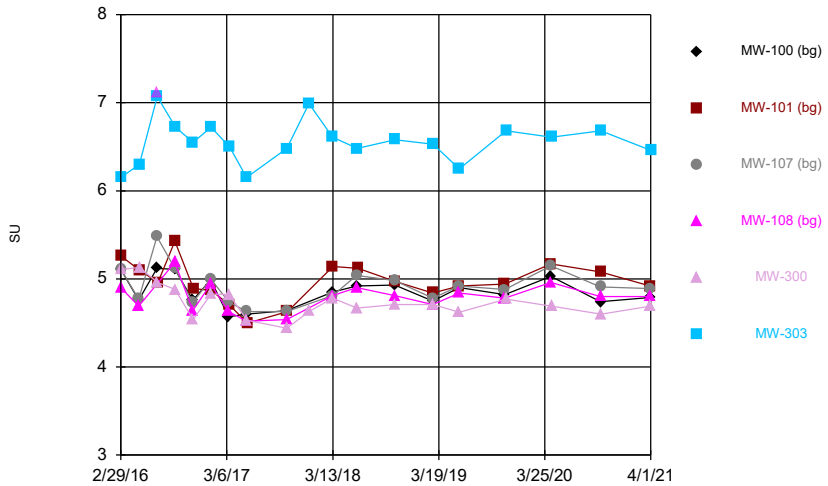
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

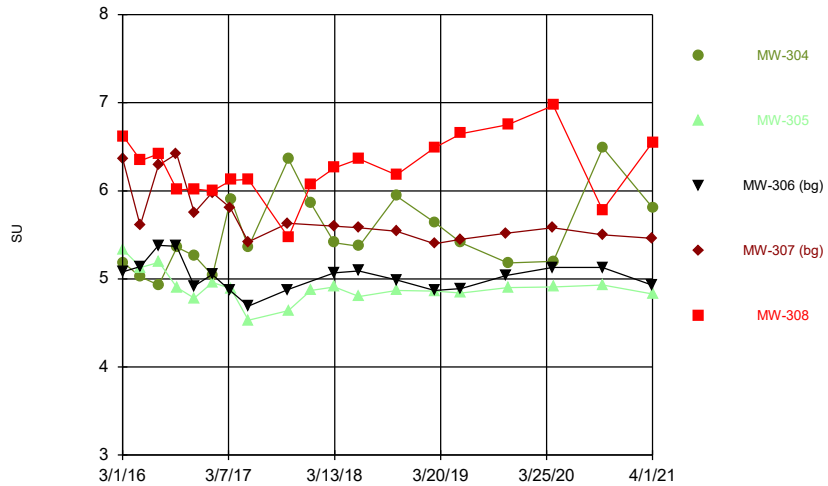
Time Series



Constituent: Field pH Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

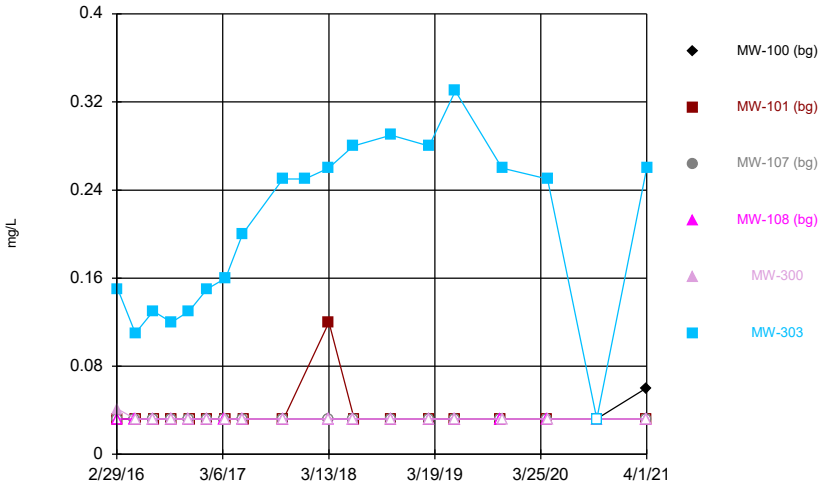
Time Series



Constituent: Field pH Analysis Run 6/11/2021 5:53 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

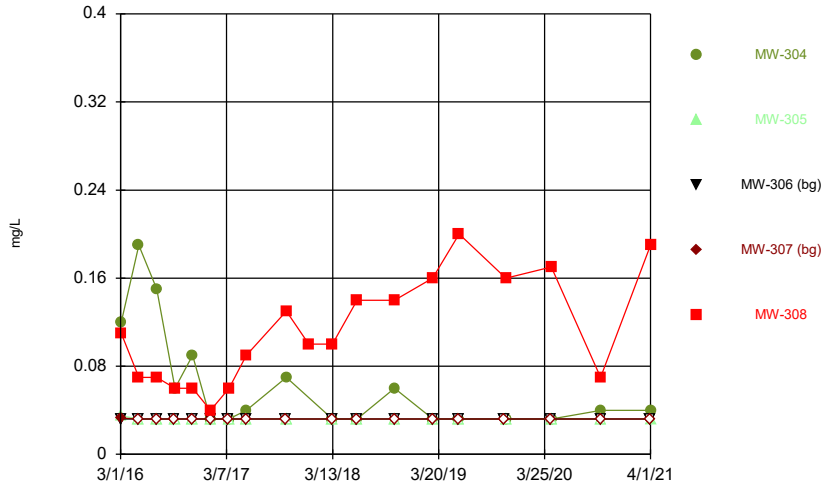
Time Series



Constituent: Fluoride Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

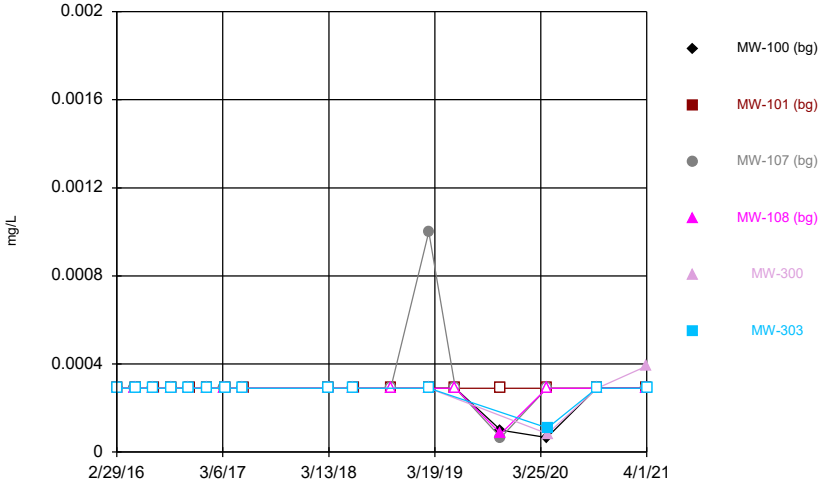
Time Series



Constituent: Fluoride Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

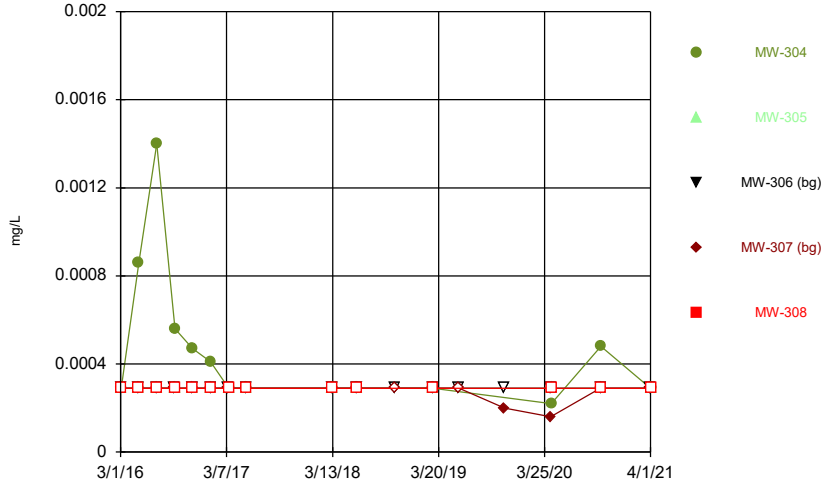
Time Series



Constituent: Lead Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

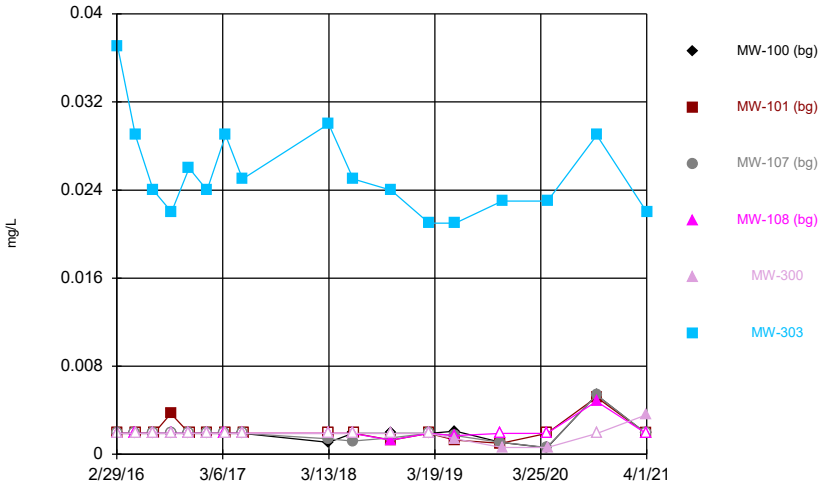
Time Series



Constituent: Lead Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

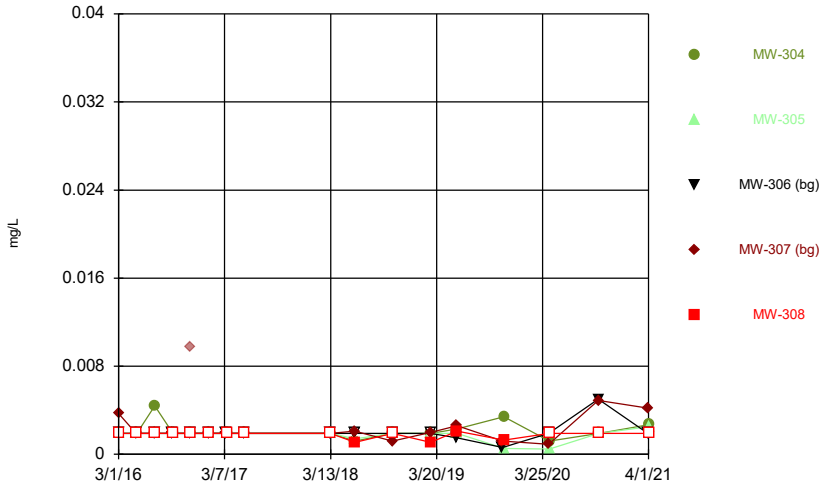
Time Series



Constituent: Lithium Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

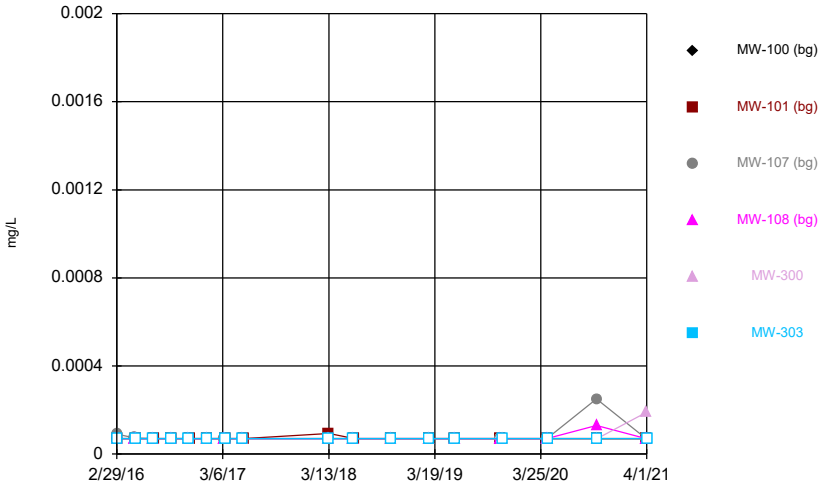
Time Series



Constituent: Lithium Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

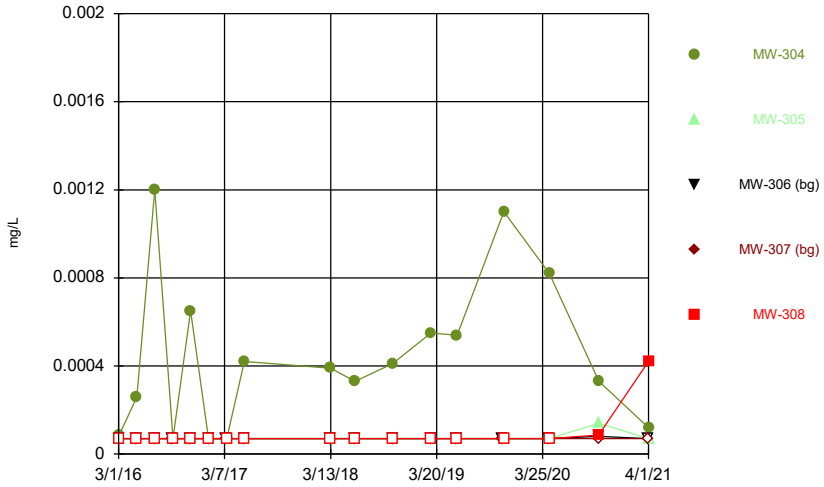
Time Series



Constituent: Mercury Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

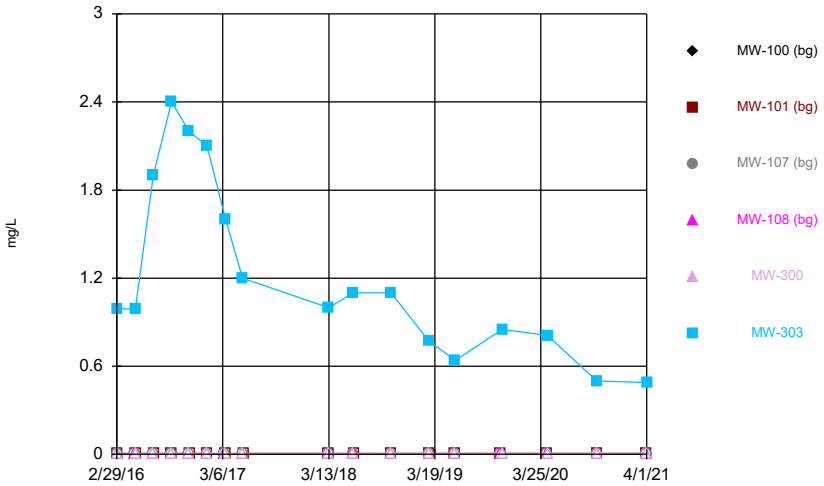
Time Series



Constituent: Mercury Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

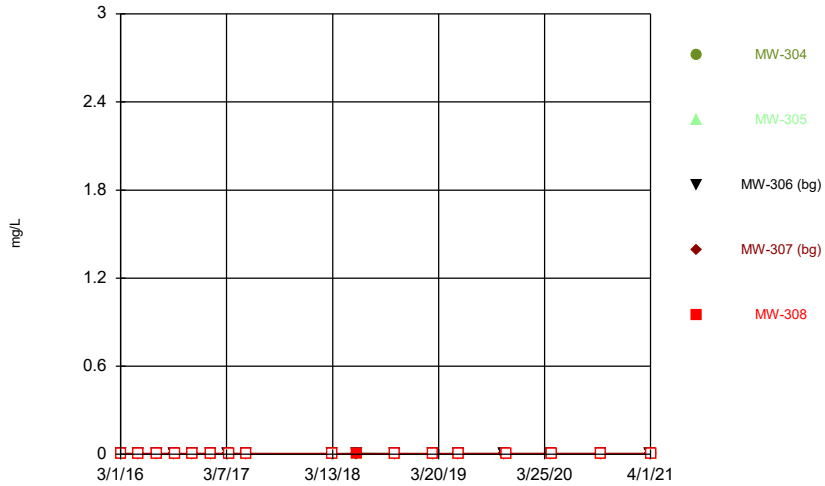
Time Series



Constituent: Molybdenum Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

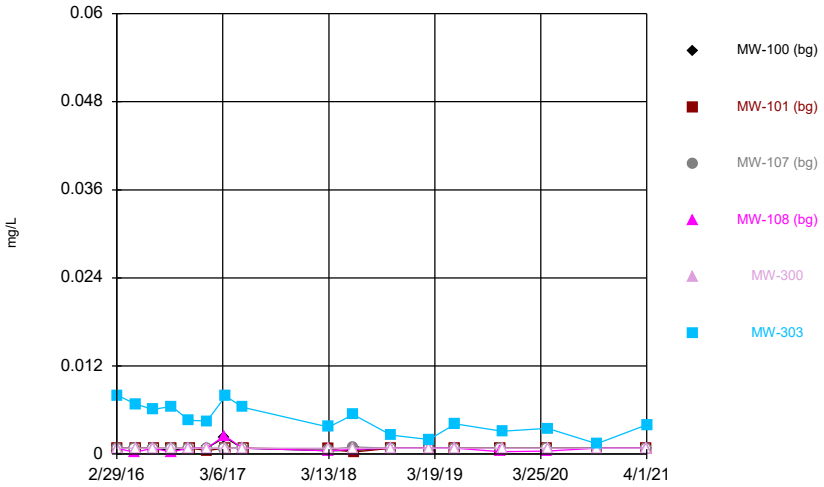
Time Series



Constituent: Molybdenum Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

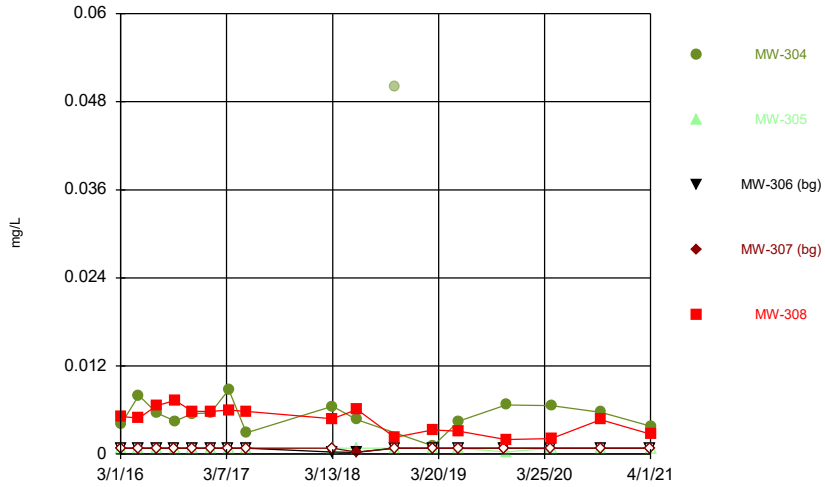
Time Series



Constituent: Selenium Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

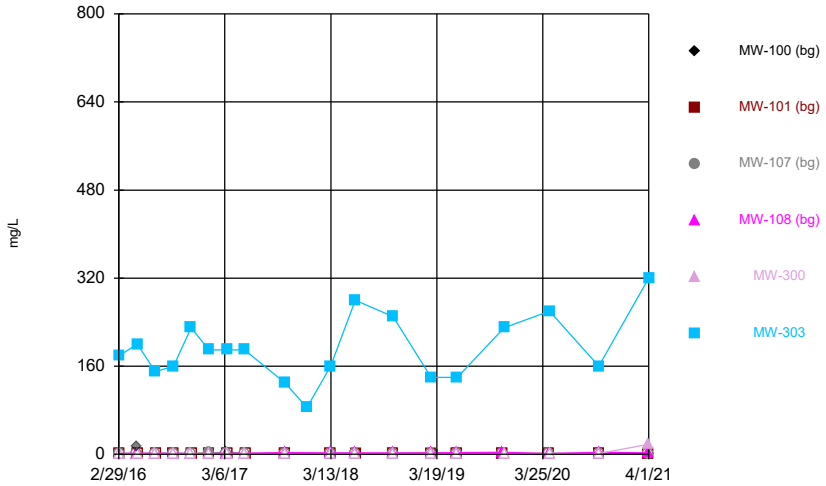
Time Series



Constituent: Selenium Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

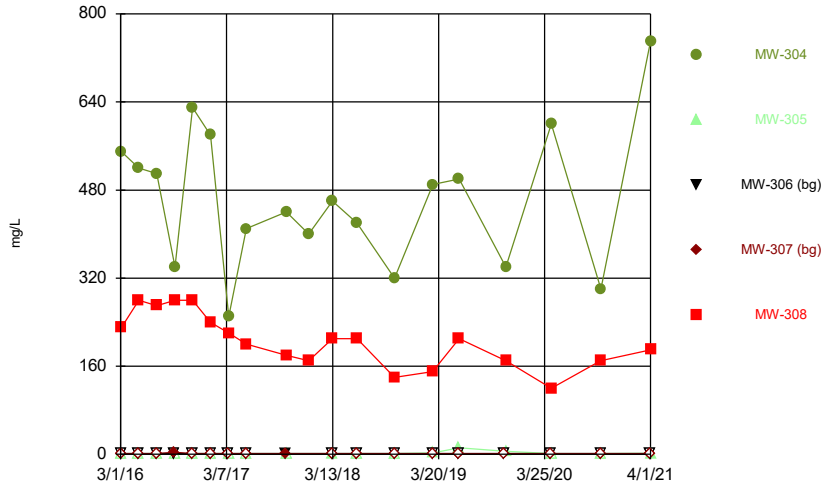
Time Series



Constituent: Sulfate Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

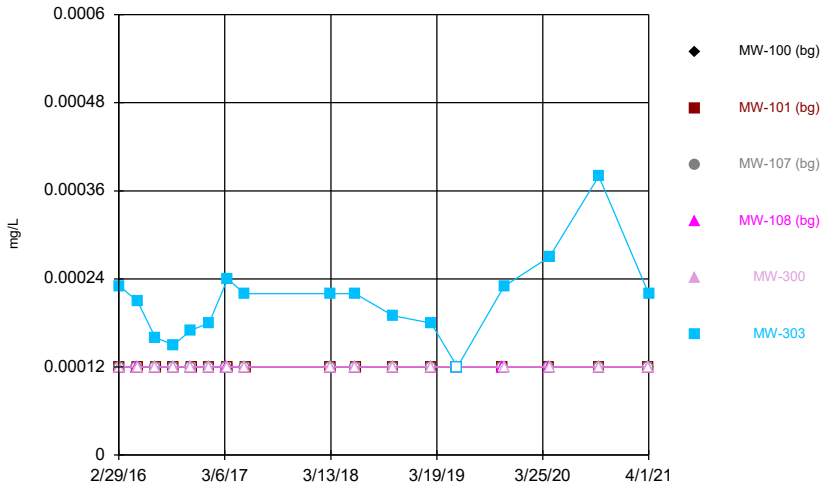
Time Series



Constituent: Sulfate Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

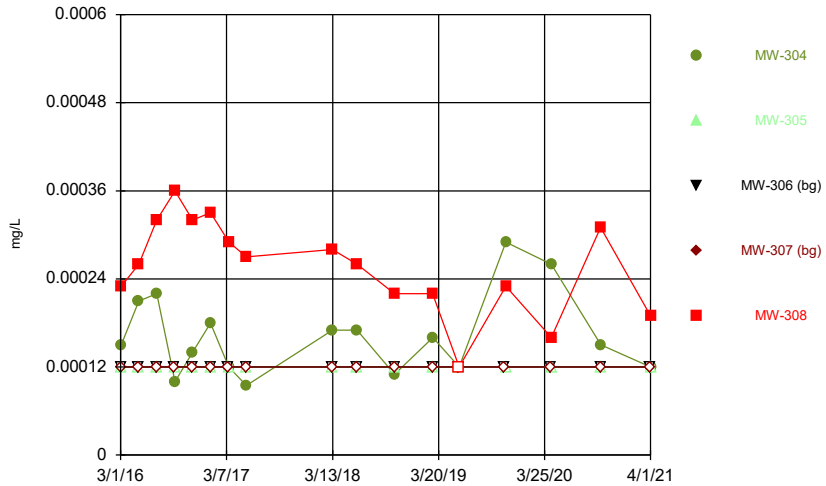
Time Series



Constituent: Thallium Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

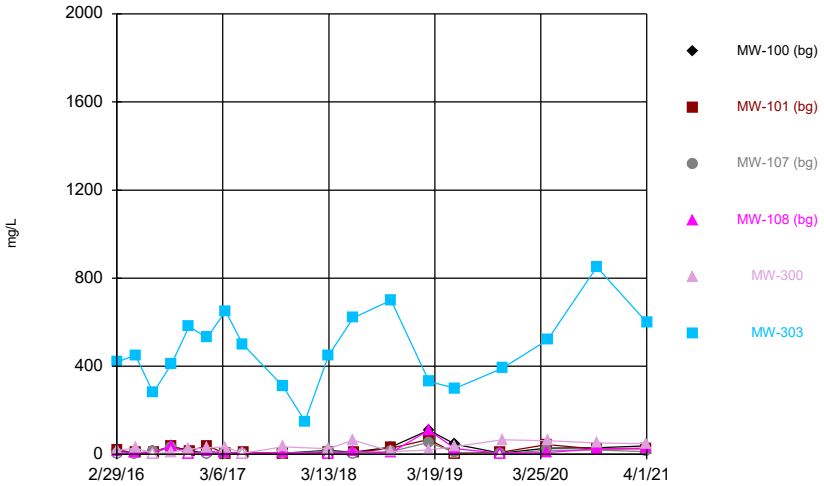
Time Series



Constituent: Thallium Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

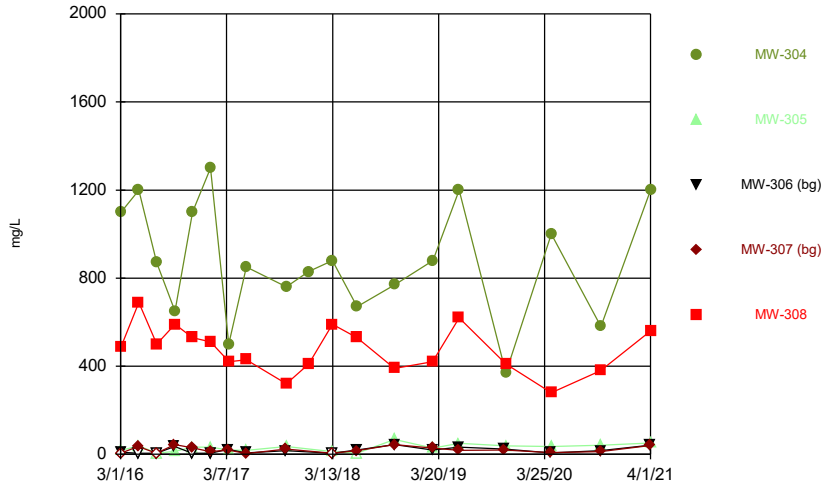
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:54 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.0015	<0.0015	<0.0015	<0.0015		
3/3/2016					<0.0015	<0.0015
5/2/2016	<0.0015		<0.0015	<0.0015		
5/4/2016		<0.0015			<0.0015	<0.0015
7/5/2016	<0.0015		<0.0015	<0.0015		
7/6/2016						<0.0015
7/7/2016					<0.0015	
7/8/2016		<0.0015				
9/6/2016	<0.0015	<0.0015	<0.0015	<0.0015		
9/7/2016					<0.0015	
9/8/2016						<0.0015
11/7/2016	<0.0015		<0.0015	<0.0015		
11/8/2016					<0.0015	<0.0015
11/10/2016		<0.0015				
1/9/2017	<0.0015		<0.0015	<0.0015		
1/10/2017					<0.0015	<0.0015
1/11/2017		<0.0015				
3/13/2017	<0.0015		<0.0015	<0.0015		
3/14/2017		<0.0015				
3/15/2017					<0.0015	
3/16/2017						<0.0015
5/15/2017	<0.0015		<0.0015	<0.0015		<0.0015
5/16/2017					<0.0015	
5/18/2017		<0.0015				
3/12/2018	<0.0015		<0.0015	<0.0015		
3/13/2018					<0.0015	<0.0015
3/14/2018		<0.0015				
6/5/2018	<0.0015		<0.0015	<0.0015		
6/6/2018					<0.0015	
6/7/2018						<0.0015
6/10/2018		<0.0015				
10/16/2018	<0.0015		<0.0015	<0.0015		
10/18/2018		<0.0015				
2/27/2019	<0.0015	<0.0015	<0.0015	<0.0015		
2/28/2019					<0.0015	<0.0015
4/16/2020	<0.0015	<0.0015	<0.0015	<0.0015		
4/18/2020					<0.0015	<0.0015
10/7/2020	<0.0015	<0.0015	<0.0015	<0.0015		
10/8/2020						<0.0015
10/9/2020					<0.0015	
3/29/2021	<0.0015	<0.0015	<0.0015	<0.0015		
3/31/2021					<0.0015	
4/1/2021						<0.0015

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0015	<0.0015	
3/3/2016	<0.0015	<0.0015			<0.0015
5/2/2016				<0.0015	
5/3/2016			<0.0015		
5/4/2016	<0.0015	<0.0015			<0.0015
7/5/2016			<0.0015	<0.0015	
7/6/2016	<0.0015				<0.0015
7/7/2016		<0.0015			
9/6/2016			<0.0015	<0.0015	
9/7/2016	<0.0015	<0.0015			<0.0015
11/7/2016		<0.0015	<0.0015	<0.0015	
11/8/2016	<0.0015				<0.0015
1/9/2017			<0.0015	<0.0015	
1/10/2017	<0.0015	<0.0015			<0.0015
3/13/2017			<0.0015	<0.0015	
3/15/2017	<0.0015	<0.0015			
3/16/2017					<0.0015
5/15/2017			<0.0015	<0.0015	
5/16/2017	<0.0015	<0.0015			<0.0015
3/12/2018			<0.0015	<0.0015	
3/13/2018	<0.0015	<0.0015			<0.0015
6/6/2018			<0.0015	<0.0015	
6/7/2018	<0.0015	<0.0015			<0.0015
10/17/2018			<0.0015	<0.0015	
2/27/2019			<0.0015	<0.0015	<0.0015
2/28/2019	<0.0015	<0.0015			
4/16/2020			<0.0015	<0.0015	
4/18/2020	<0.0015	<0.0015			<0.0015
10/7/2020			<0.0015	<0.0015	
10/8/2020					<0.0015
10/9/2020	<0.0015	<0.0015			
3/29/2021			<0.0015	<0.0015	
4/1/2021	<0.0015	<0.0015			<0.0015

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.00039	<0.00039	<0.00039		
3/3/2016					<0.00039	0.0018 (J)
5/2/2016	<0.00039		<0.00039	<0.00039		
5/4/2016		<0.00039			<0.00039	0.0024
7/5/2016	<0.00039		<0.00039	<0.00039		
7/6/2016						0.0005 (J)
7/7/2016					<0.00039	
7/8/2016		<0.00039				
9/6/2016	<0.00039	<0.00039	<0.00039	<0.00039		
9/7/2016					<0.00039	
9/8/2016						<0.00039
11/7/2016	<0.00039		<0.00039	<0.00039		
11/8/2016					<0.00039	<0.00039
11/10/2016		<0.00039				
1/9/2017	<0.00039		<0.00039	<0.00039		
1/10/2017					<0.00039	<0.00039
1/11/2017		<0.00039				
3/13/2017	0.00069 (J)		<0.00039	0.00069 (J)		
3/14/2017		<0.00039				
3/15/2017					<0.00039	
3/16/2017						0.0015
5/15/2017	<0.00039		<0.00039	<0.00039		0.0012 (J)
5/16/2017					<0.00039	
5/18/2017		<0.00039				
3/12/2018	<0.00039		<0.00039	<0.00039		
3/13/2018					<0.00039	0.00082 (J)
3/14/2018		<0.00039				
6/5/2018	<0.00039		<0.00039	<0.00039		
6/6/2018					<0.00039	
6/7/2018						0.0007 (J)
6/10/2018		0.00046 (J)				
10/16/2018	<0.00039		<0.00039	<0.00039		
10/17/2018						<0.00039
10/18/2018		<0.00039			<0.00039	
2/27/2019	<0.00039	<0.00039	<0.00039	<0.00039		
2/28/2019					<0.00039	<0.00039
5/31/2019	<0.00039	<0.00039	<0.00039	<0.00039		
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)		
4/16/2020	<0.00039	<0.00039	<0.00039	<0.00039		
4/18/2020					<0.00039	<0.00039
10/7/2020	<0.00039	0.00056 (J)	<0.00039	<0.00039		
10/8/2020						0.00069 (J)
10/9/2020					<0.00039	
3/29/2021	<0.00039	0.00078	<0.00039	0.00054		
3/31/2021					<0.00039	
4/1/2021						<0.00039

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00039	0.00038 (J)	
3/3/2016	0.009 (o)	<0.00039			<0.00039
5/2/2016				0.00073 (J)	
5/3/2016			<0.00039		
5/4/2016	0.019 (o)	<0.00039			<0.00039
7/5/2016			<0.00039	0.00077 (J)	
7/6/2016	0.014 (o)				<0.00039
7/7/2016		<0.00039			
9/6/2016			<0.00039	0.0013	
9/7/2016	0.005	<0.00039			<0.00039
11/7/2016		<0.00039	<0.00039	<0.00039	
11/8/2016	0.0035				<0.00039
1/9/2017			<0.00039	0.00053 (J)	
1/10/2017	0.0051	<0.00039			<0.00039
3/13/2017			<0.00039	<0.00039	
3/15/2017	0.00066 (J)	<0.00039			
3/16/2017					<0.00039
5/15/2017			<0.00039	<0.00039	
5/16/2017	0.00094 (J)	<0.00039			<0.00039
3/12/2018			<0.00039	<0.00039	
3/13/2018	0.00086 (J)	<0.00039			<0.00039
6/6/2018			<0.00039	<0.00039	
6/7/2018	0.00056 (J)	<0.00039			<0.00039
10/17/2018	0.0005 (J)	<0.00039	<0.00039	<0.00039	<0.00039
2/27/2019			<0.00039	<0.00039	<0.00039
2/28/2019	<0.00039	<0.00039			
5/31/2019			<0.00039	<0.00039	
11/6/2019			0.00014 (J)	0.00024 (J)	
4/16/2020			<0.00039	<0.00039	
4/18/2020	0.00053	0.00042			0.00046
10/7/2020			0.00064 (J)	<0.00039	
10/8/2020					0.0011 (J)
10/9/2020	<0.00039	0.00057 (J)			
3/29/2021			<0.00039	0.00042	
4/1/2021	0.00062	0.00048			<0.00039

Time Series

Constituent: Barium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020	0.02	0.0088	0.012	0.011		
10/8/2020						0.076
10/9/2020					0.011	
3/29/2021	0.019	0.0097	0.011	0.011		
3/31/2021					0.012	
4/1/2021						0.068

Time Series

Constituent: Barium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020			0.013	0.016	
10/8/2020					0.022
10/9/2020	0.015	0.016			
3/29/2021			0.013	0.017	
4/1/2021	0.055	0.017			0.031

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.00017	<0.00017	<0.00017	<0.00017		
3/3/2016					<0.00017	<0.00017
5/2/2016	<0.00017		<0.00017	<0.00017		
5/4/2016		<0.00017			<0.00017	<0.00017
7/5/2016	<0.00017		<0.00017	<0.00017		
7/6/2016						<0.00017
7/7/2016					<0.00017	
7/8/2016		<0.00017				
9/6/2016	<0.00017	<0.00017	<0.00017	<0.00017		
9/7/2016					<0.00017	
9/8/2016						<0.00017
11/7/2016	<0.00017		<0.00017	<0.00017		
11/8/2016					<0.00017	<0.00017
11/10/2016		<0.00017				
1/9/2017	<0.00017		<0.00017	<0.00017		
1/10/2017					<0.00017	<0.00017
1/11/2017		<0.00017				
3/13/2017	<0.00017		<0.00017	<0.00017		
3/14/2017		<0.00017				
3/15/2017					<0.00017	
3/16/2017						<0.00017
5/15/2017	<0.00017		<0.00017	<0.00017		<0.00017
5/16/2017					<0.00017	
5/18/2017		<0.00017				
3/12/2018	<0.00017		<0.00017	<0.00017		
3/13/2018					<0.00017	<0.00017
3/14/2018		<0.00017				
6/5/2018	<0.00017		<0.00017	<0.00017		
6/6/2018					<0.00017	
6/7/2018						<0.00017
6/10/2018		<0.00017				
10/16/2018	<0.00017		<0.00017	<0.00017		
10/18/2018		<0.00017				
2/27/2019	<0.00017	<0.00017	<0.00017	<0.00017		
2/28/2019					<0.00017	<0.00017
5/31/2019	<0.00017	<0.00017	<0.00017	<0.00017		
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.00017		
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.00017		
4/18/2020					<0.00017	7.4E-05 (J)
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)		
10/8/2020						<0.00017
10/9/2020					<0.00017	
3/29/2021	<0.00017	<0.00017	<0.00017	<0.00017		
3/31/2021					<0.00017	
4/1/2021						<0.00017

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00017	<0.00017	
3/3/2016	<0.00017	<0.00017			<0.00017
5/2/2016				<0.00017	
5/3/2016			<0.00017		
5/4/2016	<0.00017	<0.00017			<0.00017
7/5/2016			<0.00017	<0.00017	
7/6/2016	<0.00017				<0.00017
7/7/2016		<0.00017			
9/6/2016			<0.00017	<0.00017	
9/7/2016	<0.00017	<0.00017			<0.00017
11/7/2016		<0.00017	<0.00017	<0.00017	
11/8/2016	<0.00017				<0.00017
1/9/2017			<0.00017	<0.00017	
1/10/2017	<0.00017	<0.00017			<0.00017
3/13/2017			<0.00017	<0.00017	
3/15/2017	<0.00017	<0.00017			
3/16/2017					<0.00017
5/15/2017			<0.00017	<0.00017	
5/16/2017	<0.00017	<0.00017			<0.00017
3/12/2018			<0.00017	<0.00017	
3/13/2018	<0.00017	<0.00017			<0.00017
6/6/2018			<0.00017	<0.00017	
6/7/2018	<0.00017	<0.00017			<0.00017
10/17/2018			<0.00017	<0.00017	
2/27/2019			<0.00017	<0.00017	<0.00017
2/28/2019	<0.00017	<0.00017			
5/31/2019			<0.00017	<0.00017	
11/6/2019			<0.00017	<0.00017	
4/16/2020			<0.00017	<0.00017	
4/18/2020	<0.00017	<0.00017			<0.00017
10/7/2020			0.0014 (J)	0.0014 (J)	
10/8/2020					<0.00017
10/9/2020	<0.00017	<0.00017			
3/29/2021			<0.00017	<0.00017	
4/1/2021	<0.00017	<0.00017			<0.00017

Time Series

Constituent: Boron (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.018	<0.018	<0.018	<0.018		
3/3/2016					0.11 (J)	3.2
5/2/2016	<0.018		<0.018	<0.018		
5/4/2016		<0.018			<0.018	4
7/5/2016	<0.018		<0.018	<0.018		
7/6/2016						2.6
7/7/2016					<0.018	
7/8/2016		<0.018				
9/6/2016	<0.018	<0.018	<0.018	<0.018		
9/7/2016					0.028 (J)	
9/8/2016						3.6
11/7/2016	<0.018		<0.018	<0.018		
11/8/2016					0.025 (J)	5
11/10/2016		<0.018				
1/9/2017	<0.018		<0.018	<0.018		
1/10/2017					<0.018 (*)	4.2
1/11/2017		<0.018				
3/13/2017	<0.018		<0.018	0.022 (J)		
3/14/2017		<0.018				
3/15/2017					<0.018	
3/16/2017						3.5
5/15/2017	<0.018		<0.018	<0.018		3.2
5/16/2017					<0.018	
5/18/2017		<0.018				
10/2/2017	<0.018		<0.018	0.023 (J)		
10/3/2017					0.03 (J)	2.9
10/5/2017		<0.018				
12/20/2017						2
3/12/2018	<0.018		<0.018	<0.018		
3/13/2018					<0.018	3.4
3/14/2018		<0.018				
6/5/2018	<0.018		<0.018	<0.018		
6/6/2018					0.024 (J)	
6/7/2018						5.6
6/10/2018		<0.018				
10/16/2018	<0.018		<0.018	<0.018		
10/17/2018						7.3
10/18/2018		0.081			0.022 (J)	
2/27/2019	<0.018	<0.018	<0.018	<0.018		
2/28/2019					<0.018	3.1
5/31/2019	<0.018	<0.018	<0.018	<0.018	<0.018	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
10/7/2020	<0.018	<0.018	<0.018	<0.018		
10/8/2020						3.6
10/9/2020					0.025 (J)	
3/29/2021	<0.018	<0.018	<0.018	<0.018		
3/31/2021					0.046	
4/1/2021						3.5

Time Series

Constituent: Boron (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.018	<0.018	
3/3/2016	1.6	<0.018			2.6
5/2/2016				<0.018	
5/3/2016			<0.018		
5/4/2016	2.3	<0.018 (*)			5.9
7/5/2016			<0.018	<0.018	
7/6/2016	1.9				4.9
7/7/2016		0.034 (J)			
9/6/2016			<0.018	<0.018	
9/7/2016	0.95	<0.018			6.4
11/7/2016		0.045 (J)	<0.018	<0.018	
11/8/2016	1.8				6
1/9/2017			<0.018	<0.018	
1/10/2017	1.9	<0.018 (*)			5.4
3/13/2017			<0.018	<0.018	
3/15/2017	0.38	<0.018			
3/16/2017					4.5
5/15/2017			<0.018	<0.018	
5/16/2017	2	0.043 (J)			3.9
10/2/2017			<0.018	<0.018	
10/3/2017	0.67	0.026 (J)			0.93
12/20/2017	3				3
3/12/2018			<0.018	<0.018	
3/13/2018	2.9	0.07			3.6
6/6/2018			<0.018	<0.018	
6/7/2018	2.9	0.1			3.4
10/17/2018	1.6	0.074	<0.018	<0.018	2.8
2/27/2019			<0.018	<0.018	2.8
2/28/2019	2.5	0.027 (J)			
5/31/2019	3.1	<0.018	<0.018	<0.018	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
10/7/2020			<0.018	<0.018	
10/8/2020					2.4
10/9/2020	0.68	0.018 (J)			
3/29/2021			<0.018	<0.018	
4/1/2021	3.2	0.035			5.1

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.00028	<0.00028	<0.00028	<0.00028		
3/3/2016					<0.00028	<0.00028
5/2/2016	<0.00028		<0.00028	<0.00028		
5/4/2016		<0.00028			<0.00028	<0.00028
7/5/2016	<0.00028		<0.00028	<0.00028		
7/6/2016						0.00036 (J)
7/7/2016					<0.00028	
7/8/2016		<0.00028				
9/6/2016	<0.00028	<0.00028	<0.00028	<0.00028		
9/7/2016					<0.00028	
9/8/2016						0.00045 (J)
11/7/2016	<0.00028		<0.00028	<0.00028		
11/8/2016					<0.00028	0.00065 (J)
11/10/2016		<0.00028				
1/9/2017	<0.00028		<0.00028	<0.00028		
1/10/2017					<0.00028	0.00051 (J)
1/11/2017		<0.00028				
3/13/2017	<0.00028		<0.00028	<0.00028		
3/14/2017		<0.00028				
3/15/2017					<0.00028	
3/16/2017						0.00049 (J)
5/15/2017	<0.00028		<0.00028	<0.00028		0.00045 (J)
5/16/2017					<0.00028	
5/18/2017		<0.00028				
3/12/2018	<0.00028		<0.00028	<0.00028		
3/13/2018					<0.00028	0.00041 (J)
3/14/2018		<0.00028				
6/5/2018	<0.00028		<0.00028	<0.00028		
6/6/2018					<0.00028	
6/7/2018						0.00066 (J)
6/10/2018		<0.00028				
10/16/2018	<0.00028		<0.00028	<0.00028		
10/17/2018						0.00072 (J)
10/18/2018		<0.00028			<0.00028	
2/27/2019	<0.00028	<0.00028	<0.00028	<0.00028		
2/28/2019					<0.00028	0.00039 (J)
5/31/2019	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028	0.00034 (J)
11/6/2019	<0.00028	<0.00028	<0.00028	<0.00028		
11/11/2019					<0.00028	<0.00028
4/16/2020	<0.00028	<0.00028	<0.00028	<0.00028		
4/18/2020					7.5E-05 (J)	0.00024 (J)
10/7/2020	<0.00028	<0.00028	<0.00028	<0.00028		
10/8/2020						<0.00028
10/9/2020					<0.00028	
3/29/2021	<0.00028	<0.00028	<0.00028	<0.00028		
3/31/2021					<0.00028	
4/1/2021						<0.00028

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00028	<0.00028	
3/3/2016	<0.00028	<0.00028			<0.00028
5/2/2016				<0.00028	
5/3/2016			<0.00028		
5/4/2016	<0.00028	<0.00028			<0.00028
7/5/2016			<0.00028	<0.00028	
7/6/2016	<0.00028				<0.00028
7/7/2016		<0.00028			
9/6/2016			<0.00028	<0.00028	
9/7/2016	<0.00028	<0.00028			<0.00028
11/7/2016		<0.00028	<0.00028	<0.00028	
11/8/2016	<0.00028				<0.00028
1/9/2017			<0.00028	<0.00028	
1/10/2017	<0.00028	<0.00028			<0.00028
3/13/2017			<0.00028	<0.00028	
3/15/2017	<0.00028	<0.00028			
3/16/2017					<0.00028
5/15/2017			<0.00028	<0.00028	
5/16/2017	<0.00028	<0.00028			<0.00028
3/12/2018			<0.00028	<0.00028	
3/13/2018	<0.00028	<0.00028			<0.00028
6/6/2018			<0.00028	<0.00028	
6/7/2018	<0.00028	<0.00028			<0.00028
10/17/2018	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
2/27/2019			<0.00028	<0.00028	<0.00028
2/28/2019	<0.00028	<0.00028			
5/31/2019	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
11/6/2019			<0.00028	<0.00028	
11/11/2019	0.001 (J)	<0.00028			<0.00028
4/16/2020			<0.00028	<0.00028	
4/18/2020	0.00073	7.6E-05 (J)			8.9E-05 (J)
10/7/2020			<0.00028	<0.00028	
10/8/2020					<0.00028
10/9/2020	<0.00028	<0.00028			
3/29/2021			<0.00028	<0.00028	
4/1/2021	<0.00028	<0.00028			<0.00028

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020	0.93	0.47	0.43	1.6		
10/8/2020						100
10/9/2020					0.58	
3/29/2021	1	0.43	0.46	1.6		
3/31/2021					0.3	
4/1/2021						97

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020			0.63	0.67	
10/8/2020					55
10/9/2020	120	0.76			
3/29/2021			0.68	0.75	
4/1/2021	170	0.61			73

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020	6.6	5.9	5.7	5.1		
10/8/2020						230
10/9/2020					8.9	
3/29/2021	10	5.8	5.2	5		
3/31/2021					8.4	
4/1/2021						48

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020			6.1	4.7	
10/8/2020					36
10/9/2020	14	7.5			
3/29/2021			6.2	5.4	
4/1/2021	71	7.4			96

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.001
5/2/2016	0.0029		0.0019 (J)	0.0034		
5/4/2016		<0.001			0.0037	<0.001
7/5/2016	<0.001		0.0051	0.0059		
7/6/2016						<0.001
7/7/2016					<0.001	
7/8/2016		<0.001				
9/6/2016	<0.001	<0.001	<0.001	<0.001		
9/7/2016					<0.001	
9/8/2016						<0.001
11/7/2016	<0.001		<0.001	<0.001		
11/8/2016					<0.001	<0.001
11/10/2016		<0.001				
1/9/2017	<0.001		0.017 (o)	<0.001		
1/10/2017					<0.001	<0.001
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						<0.001
5/15/2017	<0.001		<0.001	<0.001		<0.001
5/16/2017					<0.001	
5/18/2017		<0.001				
3/12/2018	<0.001		<0.001	<0.001		
3/13/2018					<0.001	<0.001
3/14/2018		<0.001				
6/5/2018	<0.001		<0.001	<0.001		
6/6/2018					<0.001	
6/7/2018						<0.001
6/10/2018		<0.001				
10/16/2018	<0.001		<0.001	<0.001		
10/18/2018		<0.001				
2/27/2019	<0.001	<0.001	<0.001	<0.001		
2/28/2019					<0.001	<0.001
5/31/2019	<0.001	<0.001	<0.001	<0.001		
11/6/2019	<0.001	<0.001	<0.001	<0.001		
4/16/2020	<0.001	<0.001	<0.001	<0.001		
4/18/2020					<0.001	<0.001
10/7/2020	<0.001	0.0046	0.001 (J)	0.0015 (J)		
10/8/2020						<0.001
10/9/2020					<0.001	
3/29/2021	<0.001	0.0024	<0.001	<0.001		
3/31/2021					<0.001	
4/1/2021						0.0014

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.001	0.00056 (J)	
3/3/2016	<0.001	<0.001			<0.001
5/2/2016				0.0021 (J)	
5/3/2016			0.0012 (J)		
5/4/2016	0.0012 (J)	0.0025			<0.001
7/5/2016			<0.001	<0.001	
7/6/2016	<0.001				<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	<0.001	
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	<0.001	
6/7/2018	<0.001	<0.001			<0.001
10/17/2018			<0.001	<0.001	
2/27/2019			<0.001	<0.001	<0.001
2/28/2019	<0.001	<0.001			
5/31/2019			<0.001	<0.001	
11/6/2019			<0.001	<0.001	
4/16/2020			<0.001	<0.001	
4/18/2020	<0.001	<0.001			0.00082
10/7/2020			0.0033	0.0017 (J)	
10/8/2020					<0.001
10/9/2020	0.0016 (J)	0.0016 (J)			
3/29/2021			<0.001	<0.001	
4/1/2021	<0.001	<0.001			<0.001

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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)	<0.00056	0.00064 (J)	0.00023 (J)		
3/3/2016					<0.00056	<0.00056
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		
5/4/2016		<0.00056			0.00093 (J)	0.0007 (J)
7/5/2016	0.00049 (J)		0.0027	0.0032		
7/6/2016						<0.00056
7/7/2016					<0.00056	
7/8/2016		<0.00056				
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.00056		
9/7/2016					<0.00056	
9/8/2016						<0.00056
11/7/2016	0.00049 (J)		0.00058 (J)	<0.00056		
11/8/2016					<0.00056	0.00051 (J)
11/10/2016		<0.00056				
1/9/2017	0.00045 (J)		0.00059 (J)	<0.00056		
1/10/2017					<0.00056	<0.00056
1/11/2017		<0.00056				
3/13/2017	0.00048 (J)		0.0005 (J)	<0.00056		
3/14/2017		<0.00056				
3/15/2017					<0.00056	
3/16/2017						0.0004 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.00056		0.00079 (J)
5/16/2017					<0.00056	
5/18/2017		<0.00056				
3/12/2018	0.00055 (J)		0.00055 (J)	<0.00056		
3/13/2018					<0.00056	0.00056 (J)
3/14/2018		<0.00056				
6/5/2018	0.00051 (J)		0.00052 (J)	<0.00056		
6/6/2018					<0.00056	
6/7/2018						0.0007 (J)
6/10/2018		<0.00056				
10/16/2018	0.00058 (J)		0.00045 (J)	<0.00056		
10/17/2018						<0.00056
10/18/2018		<0.00056			<0.00056	
2/27/2019	0.00065 (J)	<0.00056	0.00056 (J)	<0.00056		
2/28/2019					<0.00056	0.00059 (J)
5/31/2019	0.00046 (J)	<0.00056	<0.00056	<0.00056	<0.00056	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)
10/7/2020	0.0006 (J)	<0.00056	<0.00056	<0.00056		
10/8/2020						<0.00056
10/9/2020					<0.00056	
3/29/2021	0.00059	<0.00056	<0.00056	<0.00056		
3/31/2021					<0.00056	
4/1/2021						<0.00056

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	0.00085 (J)			0.00063 (J)
5/2/2016				0.001 (J)	
5/3/2016			0.00079 (J)		
5/4/2016	0.16	0.001 (J)			0.00056 (J)
7/5/2016			<0.00056	0.00055 (J)	
7/6/2016	0.15				<0.00056
7/7/2016		0.00044 (J)			
9/6/2016			0.00094 (J)	0.00057 (J)	
9/7/2016	0.019	0.00052 (J)			<0.00056
11/7/2016		0.00046 (J)	0.00041 (J)	0.00047 (J)	
11/8/2016	0.099				<0.00056
1/9/2017			0.00074 (J)	0.00054 (J)	
1/10/2017	0.077	0.00042 (J)			<0.00056
3/13/2017			0.00091 (J)	0.0004 (J)	
3/15/2017	0.0042	0.00044 (J)			
3/16/2017					<0.00056
5/15/2017			0.00075 (J)	0.00046 (J)	
5/16/2017	0.0067	<0.00056			<0.00056
3/12/2018			0.00044 (J)	<0.00056	
3/13/2018	0.015	<0.00056			<0.00056
6/6/2018			0.0004 (J)	0.00048 (J)	
6/7/2018	0.014	<0.00056			<0.00056
10/17/2018	0.012	<0.00056	<0.00056	0.00043 (J)	<0.00056
2/27/2019			<0.00056	0.00045 (J)	<0.00056
2/28/2019	0.02	0.00042 (J)			
5/31/2019	0.026	0.00046 (J)	<0.00056	<0.00056	<0.00056
11/6/2019			0.00029 (J)	0.00094 (J)	
11/11/2019	0.023	0.00063 (J)			<0.00056
4/16/2020			0.00029 (J)	0.00053	
4/18/2020	0.015	0.00045 (J)			<0.00056
10/7/2020			<0.00056	<0.00056	
10/8/2020					<0.00056
10/9/2020	0.0019 (J)	<0.00056			
3/29/2021			<0.00056	0.00062	
4/1/2021	0.0079	<0.00056			<0.00056

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020	1.14	1.07	0.763	1.75		
10/8/2020						8.36
10/9/2020					4.71	
3/29/2021	1.72	0.561	0.708			
3/30/2021				1.71		
3/31/2021					4.44	
4/1/2021						6.31

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020			0.709 (U)	0.46 (U)	
10/8/2020					3.17
10/9/2020	1.58	0.858			
3/29/2021			0.899	0.642	
4/1/2021	6.79	1.23			2.27

Time Series

Constituent: Field pH (SU) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020	4.74	5.08	4.91	4.8		
10/8/2020						6.68
10/9/2020					4.6	
3/29/2021	4.79	4.92	4.89	4.8		
3/31/2021					4.69	
4/1/2021						6.46

Time Series

Constituent: Field pH (SU) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020			5.13	5.5	
10/8/2020					5.78
10/9/2020	6.49	4.93			
3/29/2021			4.93	5.46	
4/1/2021	5.81	4.83			6.55

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.032	<0.032	<0.032	<0.032		
3/3/2016					0.041 (J)	0.15
5/2/2016	<0.032		<0.032	<0.032		
5/4/2016		<0.032			<0.032	0.11
7/5/2016	<0.032		<0.032	<0.032		
7/6/2016						0.13
7/7/2016					<0.032	
7/8/2016		<0.032				
9/6/2016	<0.032	<0.032	<0.032	<0.032		
9/7/2016					<0.032	
9/8/2016						0.12
11/7/2016	<0.032		<0.032	<0.032		
11/8/2016					<0.032	0.13
11/10/2016		<0.032				
1/9/2017	<0.032		<0.032	<0.032		
1/10/2017					<0.032	0.15
1/11/2017		<0.032				
3/13/2017	<0.032		<0.032	<0.032		
3/14/2017		<0.032				
3/15/2017					<0.032	
3/16/2017						0.16
5/15/2017	<0.032		<0.032	<0.032		0.2
5/16/2017					<0.032	
5/18/2017		<0.032				
10/2/2017	<0.032		<0.032	<0.032		
10/3/2017					<0.032	0.25
10/5/2017		<0.032				
12/20/2017						0.25
3/12/2018	<0.032		<0.032	<0.032		
3/13/2018					<0.032	0.26
3/14/2018		0.12				
6/5/2018	<0.032		<0.032	<0.032		
6/6/2018					<0.032	
6/7/2018						0.28
6/10/2018		<0.032				
10/16/2018	<0.032		<0.032	<0.032		
10/17/2018						0.29
10/18/2018		<0.032			<0.032	
2/27/2019	<0.032	<0.032	<0.032	<0.032		
2/28/2019					<0.032	0.28
5/31/2019	<0.032	<0.032	<0.032	<0.032	<0.032	0.33
11/6/2019	<0.032	<0.032	<0.032	<0.032		
11/11/2019					<0.032	0.26
4/16/2020	<0.032	<0.032	<0.032	<0.032		
4/18/2020					<0.032	0.25
10/7/2020	<0.032	<0.032	<0.032	<0.032		
10/8/2020						<0.032
10/9/2020					<0.032	
3/29/2021	0.06	<0.032	<0.032	<0.032		
3/31/2021					<0.032	
4/1/2021						0.26

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.032	0.033 (J)	
3/3/2016	0.12	0.035 (J)			0.11
5/2/2016				<0.032	
5/3/2016			<0.032		
5/4/2016	0.19	<0.032			0.07 (J)
7/5/2016			<0.032	<0.032	
7/6/2016	0.15				0.07 (J)
7/7/2016		<0.032			
9/6/2016			<0.032	<0.032	
9/7/2016	0.06 (J)	<0.032			0.06 (J)
11/7/2016		<0.032	<0.032	<0.032	
11/8/2016	0.09 (J)				0.06 (J)
1/9/2017			<0.032	<0.032	
1/10/2017	<0.032	<0.032			0.04 (J)
3/13/2017			<0.032	<0.032	
3/15/2017	<0.032	<0.032			
3/16/2017					0.06 (J)
5/15/2017			<0.032	<0.032	
5/16/2017	0.04 (J)	<0.032			0.09 (J)
10/2/2017			<0.032	<0.032	
10/3/2017	0.07 (J)	<0.032			0.13
12/20/2017					0.1
3/12/2018			<0.032	<0.032	
3/13/2018	<0.032	<0.032			0.1
6/6/2018			<0.032	<0.032	
6/7/2018	<0.032	<0.032			0.14
10/17/2018	0.06 (J)	<0.032	<0.032	<0.032	0.14
2/27/2019			<0.032	<0.032	0.16
2/28/2019	<0.032	<0.032			
5/31/2019	<0.032	<0.032	<0.032	<0.032	0.2
11/6/2019			<0.032	<0.032	
11/11/2019	<0.032	<0.032			0.16
4/16/2020			<0.032	<0.032	
4/18/2020	<0.032	<0.032			0.17
10/7/2020			<0.032	<0.032	
10/8/2020					0.07 (J)
10/9/2020	0.04 (J)	<0.032			
3/29/2021			<0.032	<0.032	
4/1/2021	0.04	0.032			0.19

Time Series

Constituent: Lead (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.00029	<0.00029	<0.00029	<0.00029		
3/3/2016					<0.00029	<0.00029
5/2/2016	<0.00029		<0.00029	<0.00029		
5/4/2016		<0.00029			<0.00029	<0.00029
7/5/2016	<0.00029		<0.00029	<0.00029		
7/6/2016						<0.00029
7/7/2016					<0.00029	
7/8/2016		<0.00029				
9/6/2016	<0.00029	<0.00029	<0.00029	<0.00029		
9/7/2016					<0.00029	
9/8/2016						<0.00029
11/7/2016	<0.00029		<0.00029	<0.00029		
11/8/2016					<0.00029	<0.00029
11/10/2016		<0.00029				
1/9/2017	<0.00029		<0.00029	<0.00029		
1/10/2017					<0.00029	<0.00029
1/11/2017		<0.00029				
3/13/2017	<0.00029		<0.00029	<0.00029		
3/14/2017		<0.00029				
3/15/2017					<0.00029	
3/16/2017						<0.00029
5/15/2017	<0.00029		<0.00029	<0.00029		<0.00029
5/16/2017					<0.00029	
5/18/2017		<0.00029				
3/12/2018	<0.00029		<0.00029	<0.00029		
3/13/2018					<0.00029	<0.00029
3/14/2018		<0.00029				
6/5/2018	<0.00029		<0.00029	<0.00029		
6/6/2018					<0.00029	
6/7/2018						<0.00029
6/10/2018		<0.00029				
10/16/2018	<0.00029		<0.00029	<0.00029		
10/18/2018		<0.00029				
2/27/2019	<0.00029	<0.00029	0.001 (J)	<0.00029		
2/28/2019					<0.00029	<0.00029
5/31/2019	<0.00029	<0.00029	<0.00029	<0.00029		
11/6/2019	0.0001 (J)	<0.00029	6.6E-05 (J)	8.4E-05 (J)		
4/16/2020	6.6E-05 (J)	<0.00029	<0.00029	<0.00029		
4/18/2020					8.3E-05 (J)	0.00011 (J)
10/7/2020	<0.00029	<0.00029	<0.00029	<0.00029		
10/8/2020						<0.00029
10/9/2020					<0.00029	
3/29/2021	<0.00029	<0.00029	<0.00029	<0.00029		
3/31/2021					0.00039	
4/1/2021						<0.00029

Time Series

Constituent: Lead (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00029	<0.00029	
3/3/2016	<0.00029	<0.00029			<0.00029
5/2/2016				<0.00029	
5/3/2016			<0.00029		
5/4/2016	0.00086 (J)	<0.00029			<0.00029
7/5/2016			<0.00029	<0.00029	
7/6/2016	0.0014				<0.00029
7/7/2016		<0.00029			
9/6/2016			<0.00029	<0.00029	
9/7/2016	0.00056 (J)	<0.00029			<0.00029
11/7/2016		<0.00029	<0.00029	<0.00029	
11/8/2016	0.00047 (J)				<0.00029
1/9/2017			<0.00029	<0.00029	
1/10/2017	0.00041 (J)	<0.00029			<0.00029
3/13/2017			<0.00029	<0.00029	
3/15/2017	<0.00029	<0.00029			
3/16/2017					<0.00029
5/15/2017			<0.00029	<0.00029	
5/16/2017	<0.00029	<0.00029			<0.00029
3/12/2018			<0.00029	<0.00029	
3/13/2018	<0.00029	<0.00029			<0.00029
6/6/2018			<0.00029	<0.00029	
6/7/2018	<0.00029	<0.00029			<0.00029
10/17/2018			<0.00029	<0.00029	
2/27/2019			<0.00029	<0.00029	<0.00029
2/28/2019	<0.00029	<0.00029			
5/31/2019			<0.00029	<0.00029	
11/6/2019			<0.00029	0.0002 (J)	
4/16/2020			<0.00029	0.00016 (J)	
4/18/2020	0.00022 (J)	<0.00029			<0.00029
10/7/2020			<0.00029	<0.00029	
10/8/2020					<0.00029
10/9/2020	0.00048 (J)	<0.00029			
3/29/2021			<0.00029	<0.00029	
4/1/2021	<0.00029	<0.00029			<0.00029

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.0019	<0.0019	<0.0019	<0.0019		
3/3/2016					<0.0019	0.037
5/2/2016	<0.0019		<0.0019	<0.0019		
5/4/2016		<0.0019			<0.0019	0.029
7/5/2016	<0.0019		<0.0019	<0.0019		
7/6/2016						0.024
7/7/2016					<0.0019	
7/8/2016		<0.0019				
9/6/2016	<0.0019	0.0037 (J)	<0.0019	<0.0019		
9/7/2016					<0.0019	
9/8/2016						0.022
11/7/2016	<0.0019		<0.0019	<0.0019		
11/8/2016					<0.0019	0.026
11/10/2016		<0.0019				
1/9/2017	<0.0019		<0.0019	<0.0019		
1/10/2017					<0.0019	0.024
1/11/2017		<0.0019				
3/13/2017	<0.0019		<0.0019	<0.0019		
3/14/2017		<0.0019				
3/15/2017					<0.0019	
3/16/2017						0.029
5/15/2017	<0.0019		<0.0019	<0.0019		0.025
5/16/2017					<0.0019	
5/18/2017		<0.0019				
3/12/2018	0.0011 (J)		0.0014 (J)	<0.0019		
3/13/2018					<0.0019	0.03
3/14/2018		<0.0019				
6/5/2018	<0.0019		0.0012 (J)	<0.0019		
6/6/2018					<0.0019	
6/7/2018						0.025
6/10/2018		<0.0019				
10/16/2018	<0.0019		0.0015 (J)	0.0013 (J)		
10/17/2018						0.024
10/18/2018		0.0013 (J)			<0.0019	
2/27/2019	<0.0019	<0.0019	<0.0019	<0.0019		
2/28/2019					<0.0019	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	<0.0019		
11/11/2019					0.00062 (J)	0.023
4/16/2020	0.0006 (J)	<0.0019	0.00063 (J)	<0.0019		
4/18/2020					0.00062 (J)	0.023
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)		
10/8/2020						0.029
10/9/2020					<0.0019	
3/29/2021	<0.0019	0.0019	<0.0019	<0.0019		
3/31/2021					0.0036	
4/1/2021						0.022

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0019	0.0037	
3/3/2016	<0.0019	<0.0019			<0.0019
5/2/2016				<0.0019	
5/3/2016			<0.0019		
5/4/2016	<0.0019	<0.0019			<0.0019
7/5/2016			<0.0019	<0.0019	
7/6/2016	0.0044 (J)				<0.0019
7/7/2016		<0.0019			
9/6/2016			<0.0019	<0.0019	
9/7/2016	<0.0019	<0.0019			<0.0019
11/7/2016		<0.0019	<0.0019	0.0097 (o)	
11/8/2016	<0.0019				<0.0019
1/9/2017			<0.0019	<0.0019	
1/10/2017	<0.0019	<0.0019			<0.0019
3/13/2017			<0.0019	<0.0019	
3/15/2017	<0.0019	<0.0019			
3/16/2017					<0.0019
5/15/2017			<0.0019	<0.0019	
5/16/2017	<0.0019	<0.0019			<0.0019
3/12/2018			<0.0019	<0.0019	
3/13/2018	<0.0019	<0.0019			<0.0019
6/6/2018			<0.0019	0.0021 (J)	
6/7/2018	0.0012 (J)	0.0014 (J)			0.0011 (J)
10/17/2018	<0.0019	<0.0019	<0.0019	0.0012 (J)	<0.0019
2/27/2019			<0.0019	0.002 (J)	0.0011 (J)
2/28/2019	<0.0019	<0.0019			
5/31/2019	0.0023 (J)	<0.0019	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			<0.0019	0.00091 (J)	
4/18/2020	0.0012	0.00047 (J)			<0.0019
10/7/2020			0.005	0.0049 (J)	
10/8/2020					<0.0019
10/9/2020	<0.0019	<0.0019			
3/29/2021			<0.0019	0.0042	
4/1/2021	0.0027	0.0025			<0.0019

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<7E-05	<7E-05	9.1E-05 (J)	<7E-05		
3/3/2016					<7E-05	<7E-05
5/2/2016	<7E-05		7.4E-05 (J)	<7E-05		
5/4/2016		<7E-05			<7E-05	<7E-05
7/5/2016	<7E-05		<7E-05	<7E-05		
7/6/2016						<7E-05
7/7/2016					<7E-05	
7/8/2016		<7E-05 (*)				
9/6/2016	<7E-05 (*)	<7E-05	<7E-05 (*)	<7E-05		
9/7/2016					<7E-05	
9/8/2016						<7E-05
11/7/2016	<7E-05		<7E-05	<7E-05		
11/8/2016					<7E-05	<7E-05
11/10/2016		<7E-05				
1/9/2017	<7E-05 (*)		<7E-05 (*)	<7E-05 (*)		
1/10/2017					<7E-05	<7E-05
1/11/2017		<7E-05				
3/13/2017	<7E-05		<7E-05	<7E-05		
3/14/2017		<7E-05 (*)				
3/15/2017					<7E-05	
3/16/2017						<7E-05
5/15/2017	<7E-05		<7E-05	<7E-05		<7E-05
5/16/2017					<7E-05	
5/18/2017		<7E-05				
3/12/2018	<7E-05		<7E-05	<7E-05		
3/13/2018					<7E-05	<7E-05
3/14/2018		9.3E-05 (J)				
6/5/2018	<7E-05		<7E-05	<7E-05		
6/6/2018					<7E-05	
6/7/2018						<7E-05
6/10/2018		<7E-05				
10/16/2018	<7E-05		<7E-05	<7E-05		
10/17/2018						<7E-05
10/18/2018		<7E-05			<7E-05	
2/27/2019	<7E-05	<7E-05	<7E-05	<7E-05		
2/28/2019					<7E-05	<7E-05
5/31/2019	<7E-05	<7E-05	<7E-05	<7E-05	<7E-05	<7E-05
11/6/2019	<7E-05	<7E-05	<7E-05	<7E-05		
11/11/2019					<7E-05	<7E-05
4/16/2020	<7E-05	<7E-05	<7E-05	<7E-05		
4/18/2020					<7E-05	<7E-05
10/7/2020	<7E-05	<7E-05	0.00025	0.00013 (J)		
10/8/2020						<7E-05
10/9/2020					<7E-05	
3/29/2021	<7E-05	<7E-05	<7E-05	<7E-05		
3/31/2021					0.00019	
4/1/2021						<7E-05

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<7E-05	<7E-05	
3/3/2016	8.6E-05 (J)	<7E-05			<7E-05
5/2/2016				<7E-05	
5/3/2016			<7E-05		
5/4/2016	0.00026	<7E-05			<7E-05
7/5/2016			<7E-05	<7E-05	
7/6/2016	0.0012				<7E-05 (*)
7/7/2016		<7E-05			
9/6/2016			<7E-05 (*)	<7E-05 (*)	
9/7/2016	<7E-05	<7E-05			<7E-05
11/7/2016		<7E-05	<7E-05	<7E-05	
11/8/2016	0.00065				<7E-05
1/9/2017			<7E-05 (*)	<7E-05 (*)	
1/10/2017	<7E-05	<7E-05			<7E-05
3/13/2017			<7E-05	<7E-05	
3/15/2017	<7E-05	<7E-05			
3/16/2017					<7E-05
5/15/2017			<7E-05	<7E-05	
5/16/2017	0.00042	<7E-05			<7E-05
3/12/2018			<7E-05	<7E-05	
3/13/2018	0.00039	<7E-05			<7E-05
6/6/2018			<7E-05	<7E-05	
6/7/2018	0.00033	<7E-05			<7E-05
10/17/2018	0.00041	<7E-05	<7E-05	<7E-05	<7E-05
2/27/2019			<7E-05	<7E-05	<7E-05
2/28/2019	0.00055	<7E-05			
5/31/2019	0.00054	<7E-05	<7E-05	<7E-05	<7E-05
11/6/2019			<7E-05	<7E-05	
11/11/2019	0.0011	<7E-05			<7E-05
4/16/2020			<7E-05	<7E-05	
4/18/2020	0.00082	<7E-05			<7E-05
10/7/2020			8E-05 (J)	<7E-05	
10/8/2020					8.7E-05 (J)
10/9/2020	0.00033	0.00014 (J)			
3/29/2021			<7E-05	<7E-05	
4/1/2021	0.00012	<7E-05			0.00042

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.0045	<0.0045	<0.0045	<0.0045		
3/3/2016					<0.0045	0.99
5/2/2016	<0.0045		<0.0045	<0.0045		
5/4/2016		<0.0045			<0.0045	0.99
7/5/2016	<0.0045		<0.0045	<0.0045		
7/6/2016						1.9
7/7/2016					<0.0045	
7/8/2016		<0.0045				
9/6/2016	<0.0045	<0.0045	<0.0045	<0.0045		
9/7/2016					<0.0045	
9/8/2016						2.4
11/7/2016	<0.0045		<0.0045	<0.0045		
11/8/2016					<0.0045	2.2
11/10/2016		<0.0045				
1/9/2017	<0.0045		<0.0045	<0.0045		
1/10/2017					<0.0045	2.1
1/11/2017		<0.0045				
3/13/2017	0.0042 (J)		<0.0045	0.0022 (J)		
3/14/2017		<0.0045				
3/15/2017					<0.0045	
3/16/2017						1.6
5/15/2017	<0.0045		<0.0045	<0.0045		1.2
5/16/2017					<0.0045	
5/18/2017		<0.0045				
3/12/2018	<0.0045		<0.0045	<0.0045		
3/13/2018					<0.0045	1
3/14/2018		<0.0045				
6/5/2018	<0.0045		0.00088 (J)	<0.0045		
6/6/2018					<0.0045	
6/7/2018						1.1
6/10/2018		<0.0045				
10/16/2018	<0.0045		<0.0045	<0.0045		
10/17/2018						1.1
10/18/2018		<0.0045			<0.0045	
2/27/2019	<0.0045	<0.0045	<0.0045	<0.0045		
2/28/2019					<0.0045	0.77
5/31/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	0.64
11/6/2019	<0.0045	<0.0045	<0.0045	<0.0045		
11/11/2019					<0.0045	0.85
4/16/2020	<0.0045	<0.0045	<0.0045	<0.0045		
4/18/2020					<0.0045	0.81
10/7/2020	<0.0045	<0.0045	<0.0045	<0.0045		
10/8/2020						0.5
10/9/2020					<0.0045	
3/29/2021	<0.0045	<0.0045	<0.0045	<0.0045		
3/31/2021					<0.0045	
4/1/2021						0.49

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0045	<0.0045	
3/3/2016	<0.0045	<0.0045			<0.0045
5/2/2016				<0.0045	
5/3/2016			<0.0045		
5/4/2016	<0.0045	<0.0045			<0.0045
7/5/2016			<0.0045	<0.0045	
7/6/2016	0.0018 (J)				<0.0045
7/7/2016		<0.0045			
9/6/2016			<0.0045	<0.0045	
9/7/2016	0.0029 (J)	<0.0045			<0.0045
11/7/2016		<0.0045	<0.0045	<0.0045	
11/8/2016	<0.0045				<0.0045
1/9/2017			<0.0045	<0.0045	
1/10/2017	<0.0045 (*)	<0.0045			<0.0045
3/13/2017			<0.0045	<0.0045	
3/15/2017	<0.0045	<0.0045			
3/16/2017					<0.0045
5/15/2017			<0.0045	<0.0045	
5/16/2017	<0.0045 (*)	<0.0045 (*)			<0.0045
3/12/2018			<0.0045	<0.0045	
3/13/2018	0.0033 (J)	<0.0045			<0.0045
6/6/2018			<0.0045	<0.0045	
6/7/2018	0.0065 (J)	0.0016 (J)			0.00098 (J)
10/17/2018	0.0043 (J)	<0.0045	<0.0045	<0.0045	<0.0045
2/27/2019			<0.0045	<0.0045	<0.0045
2/28/2019	0.0028 (J)	<0.0045			
5/31/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
11/6/2019			<0.0045	<0.0045	
11/11/2019	0.0056 (J)	<0.0045			<0.0045
4/16/2020			<0.0045	<0.0045	
4/18/2020	<0.0045	<0.0045			<0.0045
10/7/2020			<0.0045	<0.0045	
10/8/2020					<0.0045
10/9/2020	<0.0045	<0.0045			
3/29/2021			<0.0045	<0.0045	
4/1/2021	<0.0045	<0.0045			<0.0045

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.00082	<0.00082	<0.00082	<0.00082		
3/3/2016					<0.00082	0.008
5/2/2016	<0.00082		<0.00082	0.00025 (J)		
5/4/2016		<0.00082			<0.00082	0.0068
7/5/2016	<0.00082		<0.00082	<0.00082		
7/6/2016						0.0061
7/7/2016					<0.00082	
7/8/2016		<0.00082				
9/6/2016	0.00049 (J)	<0.00082	<0.00082	0.00027 (J)		
9/7/2016					<0.00082	
9/8/2016						0.0065
11/7/2016	<0.00082		<0.00082	<0.00082		
11/8/2016					<0.00082	0.0046
11/10/2016		<0.00082				
1/9/2017	<0.00082		<0.00082	<0.00082		
1/10/2017					<0.00082	0.0045
1/11/2017		0.00049 (J)				
3/13/2017	0.0023		<0.00082	0.0025		
3/14/2017		<0.00082				
3/15/2017					<0.00082	
3/16/2017						0.0079
5/15/2017	<0.00082		<0.00082	<0.00082		0.0064
5/16/2017					<0.00082	
5/18/2017		<0.00082				
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)		
3/13/2018					<0.00082	0.0037
3/14/2018		0.00067 (J)				
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)		
6/6/2018					<0.00082	
6/7/2018						0.0054
6/10/2018		0.00028 (J)				
10/16/2018	<0.00082		<0.00082	<0.00082		
10/17/2018						0.0026
10/18/2018		<0.00082			<0.00082	
2/27/2019	<0.00082	<0.00082	<0.00082	<0.00082		
2/28/2019					<0.00082	0.002
5/31/2019	<0.00082	<0.00082	<0.00082	<0.00082	<0.00082	0.0041
11/6/2019	<0.00082	<0.00082	<0.00082	0.00034		
11/11/2019					<0.00082	0.0031
4/16/2020	<0.00082	<0.00082	<0.00082	0.0004		
4/18/2020					<0.00082	0.0035
10/7/2020	<0.00082	<0.00082	<0.00082	<0.00082		
10/8/2020						0.0014
10/9/2020					<0.00082	
3/29/2021	<0.00082	<0.00082	<0.00082	<0.00082		
3/31/2021					<0.00082	
4/1/2021						0.004

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00082	<0.00082	
3/3/2016	0.0041 (J)	<0.00082			0.0051 (J)
5/2/2016				<0.00082	
5/3/2016			<0.00082		
5/4/2016	0.008	<0.00082			0.0049
7/5/2016			<0.00082	<0.00082	
7/6/2016	0.0056				0.0066
7/7/2016		<0.00082			
9/6/2016			<0.00082	<0.00082	
9/7/2016	0.0045	<0.00082			0.0073
11/7/2016		<0.00082	<0.00082	<0.00082	
11/8/2016	0.0055				0.0058
1/9/2017			<0.00082	<0.00082	
1/10/2017	0.0056	<0.00082			0.0058
3/13/2017			<0.00082	<0.00082	
3/15/2017	0.0088	<0.00082			
3/16/2017					0.006
5/15/2017			<0.00082	<0.00082	
5/16/2017	0.0029	<0.00082			0.0058
3/12/2018			0.00026 (J)	<0.00082	
3/13/2018	0.0065	<0.00082			0.0048
6/6/2018			0.00025 (J)	0.00026 (J)	
6/7/2018	0.0047	<0.00082			0.0061
10/17/2018	0.05 (o)	<0.00082	<0.00082	<0.00082	0.0023
2/27/2019			<0.00082	<0.00082	0.0033
2/28/2019	0.0011 (J)	<0.00082			
5/31/2019	0.0045	<0.00082	<0.00082	<0.00082	0.0031
11/6/2019			<0.00082	<0.00082	
11/11/2019	0.0067	0.00027			0.002
4/16/2020			<0.00082	<0.00082	
4/18/2020	0.0066	<0.00082			0.0021
10/7/2020			<0.00082	<0.00082	
10/8/2020					0.0047
10/9/2020	0.0057	<0.00082			
3/29/2021			<0.00082	<0.00082	
4/1/2021	0.0038	<0.00082			0.0027

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<1.4	<1.4	<1.4	1.6 (J)		
3/3/2016					<1.4	180
5/2/2016	15 (o)		<1.4	2.1 (J)		
5/4/2016		<1.4			<1.4	200
7/5/2016	<1.4		<1.4	2 (J)		
7/6/2016						150
7/7/2016					<1.4	
7/8/2016		<1.4				
9/6/2016	<1.4	<1.4	<1.4	1.8 (J)		
9/7/2016					<1.4	
9/8/2016						160
11/7/2016	<1.4		<1.4	1.7 (J)		
11/8/2016					<1.4	230
11/10/2016		<1.4				
1/9/2017	<1.4		2.6 (J)	1.5 (J)		
1/10/2017					<1.4	190
1/11/2017		<1.4				
3/13/2017	2.5 (J)		<1.4	2.2 (J)		
3/14/2017		<1.4				
3/15/2017					<1.4 (*)	
3/16/2017						190
5/15/2017	<1.4		<1.4	1.9 (J)		190
5/16/2017					<1.4	
5/18/2017		<1.4 (X)				
10/2/2017	<1.4		<1.4	3.4 (J)		
10/3/2017					<1.4	130
10/5/2017		<1.4				
12/20/2017						85
3/12/2018	<1.4		<1.4	2.6 (J)		
3/13/2018					<1.4	160
3/14/2018		<1.4				
6/5/2018	<1.4		<1.4	2.6 (J)		
6/6/2018					<1.4	
6/7/2018						280
6/10/2018		1.5 (J)				
10/16/2018	<1.4		<1.4	2.8 (J)		
10/17/2018						250
10/18/2018		<1.4			<1.4	
2/27/2019	<1.4	1.9 (J)	<1.4	2.4 (J)		
2/28/2019					<1.4	140
5/31/2019	<1.4	<1.4	<1.4	3.3 (J)	<1.4	140
11/6/2019	<1.4	<1.4	<1.4	3.7 (J)		
11/11/2019					<1.4	230
4/16/2020	<1.4	<1.4	<1.4	1.7 (J)		
4/18/2020					<1.4	260
10/7/2020	<1.4	<1.4	<1.4	4 (J)		
10/8/2020						160
10/9/2020					<1.4	
3/29/2021	<1.4	<1.4	<1.4	2.3		
3/31/2021					18	
4/1/2021						320

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<1.4	<1.4	
3/3/2016	550	<1.4			230
5/2/2016				<1.4	
5/3/2016			<1.4		
5/4/2016	520	<1.4			280
7/5/2016			<1.4	<1.4	
7/6/2016	510				270
7/7/2016		<1.4			
9/6/2016			<1.4	3.7 (J)	
9/7/2016	340	<1.4			280
11/7/2016		<1.4	<1.4	<1.4	
11/8/2016	630				280
1/9/2017			<1.4	<1.4	
1/10/2017	580	<1.4			240
3/13/2017			<1.4	<1.4	
3/15/2017	250	<1.4 (*)			
3/16/2017					220
5/15/2017			<1.4	<1.4	
5/16/2017	410	<1.4			200
10/2/2017			1.5 (J)	1.7 (J)	
10/3/2017	440	<1.4			180
12/20/2017	400				170
3/12/2018			<1.4	<1.4	
3/13/2018	460	1.5 (J)			210
6/6/2018			<1.4	<1.4	
6/7/2018	420	<1.4			210
10/17/2018	320	<1.4	<1.4	<1.4	140
2/27/2019			<1.4	<1.4	150
2/28/2019	490	2.6 (J)			
5/31/2019	500	12	<1.4	<1.4	210
11/6/2019			<1.4	<1.4	
11/11/2019	340	5.5			170
4/16/2020			<1.4	<1.4	
4/18/2020	600	<1.4			120
10/7/2020			<1.4	<1.4	
10/8/2020					170
10/9/2020	300	<1.4			
3/29/2021			<1.4	<1.4	
4/1/2021	750	1.9			190

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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	<0.00012	<0.00012	<0.00012	<0.00012		
3/3/2016					<0.00012	0.00023 (J)
5/2/2016	<0.00012		<0.00012	<0.00012		
5/4/2016		<0.00012			<0.00012	0.00021 (J)
7/5/2016	<0.00012		<0.00012	<0.00012		
7/6/2016						0.00016 (J)
7/7/2016					<0.00012	
7/8/2016		<0.00012				
9/6/2016	<0.00012	<0.00012	<0.00012	<0.00012		
9/7/2016					<0.00012	
9/8/2016						0.00015 (J)
11/7/2016	<0.00012		<0.00012	<0.00012		
11/8/2016					<0.00012	0.00017 (J)
11/10/2016		<0.00012				
1/9/2017	<0.00012		<0.00012	<0.00012		
1/10/2017					<0.00012	0.00018 (J)
1/11/2017		<0.00012				
3/13/2017	<0.00012		<0.00012	<0.00012		
3/14/2017		<0.00012				
3/15/2017					<0.00012	
3/16/2017						0.00024 (J)
5/15/2017	<0.00012		<0.00012	<0.00012		0.00022 (J)
5/16/2017					<0.00012	
5/18/2017		<0.00012				
3/12/2018	<0.00012		<0.00012	<0.00012		
3/13/2018					<0.00012	0.00022 (J)
3/14/2018		<0.00012				
6/5/2018	<0.00012		<0.00012	<0.00012		
6/6/2018					<0.00012	
6/7/2018						0.00022 (J)
6/10/2018		<0.00012				
10/16/2018	<0.00012		<0.00012	<0.00012		
10/17/2018						0.00019 (J)
10/18/2018		<0.00012			<0.00012	
2/27/2019	<0.00012	<0.00012	<0.00012	<0.00012		
2/28/2019					<0.00012	0.00018 (J)
5/31/2019	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
11/6/2019	<0.00012	<0.00012	<0.00012	<0.00012		
11/11/2019					<0.00012	0.00023 (J)
4/16/2020	<0.00012	<0.00012	<0.00012	<0.00012		
4/18/2020					<0.00012	0.00027
10/7/2020	<0.00012	<0.00012	<0.00012	<0.00012		
10/8/2020						0.00038 (J)
10/9/2020					<0.00012	
3/29/2021	<0.00012	<0.00012	<0.00012	<0.00012 (D)		
3/31/2021					<0.00012	
4/1/2021						0.00022

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00012	<0.00012	
3/3/2016	0.00015 (J)	<0.00012			0.00023 (J)
5/2/2016				<0.00012	
5/3/2016			<0.00012		
5/4/2016	0.00021 (J)	<0.00012			0.00026 (J)
7/5/2016			<0.00012	<0.00012	
7/6/2016	0.00022 (J)				0.00032 (J)
7/7/2016		<0.00012			
9/6/2016			<0.00012	<0.00012	
9/7/2016	0.0001 (J)	<0.00012			0.00036 (J)
11/7/2016		<0.00012	<0.00012	<0.00012	
11/8/2016	0.00014 (J)				0.00032 (J)
1/9/2017			<0.00012	<0.00012	
1/10/2017	0.00018 (J)	<0.00012			0.00033 (J)
3/13/2017			<0.00012	<0.00012	
3/15/2017	<0.00012	<0.00012			
3/16/2017					0.00029 (J)
5/15/2017			<0.00012	<0.00012	
5/16/2017	9.5E-05 (J)	<0.00012			0.00027 (J)
3/12/2018			<0.00012	<0.00012	
3/13/2018	0.00017 (J)	<0.00012			0.00028 (J)
6/6/2018			<0.00012	<0.00012	
6/7/2018	0.00017 (J)	<0.00012			0.00026 (J)
10/17/2018	0.00011 (J)	<0.00012	<0.00012	<0.00012	0.00022 (J)
2/27/2019			<0.00012	<0.00012	0.00022 (J)
2/28/2019	0.00016 (J)	<0.00012			
5/31/2019	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
11/6/2019			<0.00012	<0.00012	
11/11/2019	0.00029 (J)	<0.00012			0.00023 (J)
4/16/2020			<0.00012	<0.00012	
4/18/2020	0.00026	<0.00012			0.00016
10/7/2020			<0.00012	<0.00012	
10/8/2020					0.00031 (J)
10/9/2020	0.00015 (J)	<0.00012			
3/29/2021			<0.00012	<0.00012	
4/1/2021	<0.00012	<0.00012			0.00019

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center 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
10/7/2020	30	24	20	26		
10/8/2020						850
10/9/2020					52	
3/29/2021	38	26	12	28		
3/31/2021					48	
4/1/2021						600

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 6/11/2021 6:07 PM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

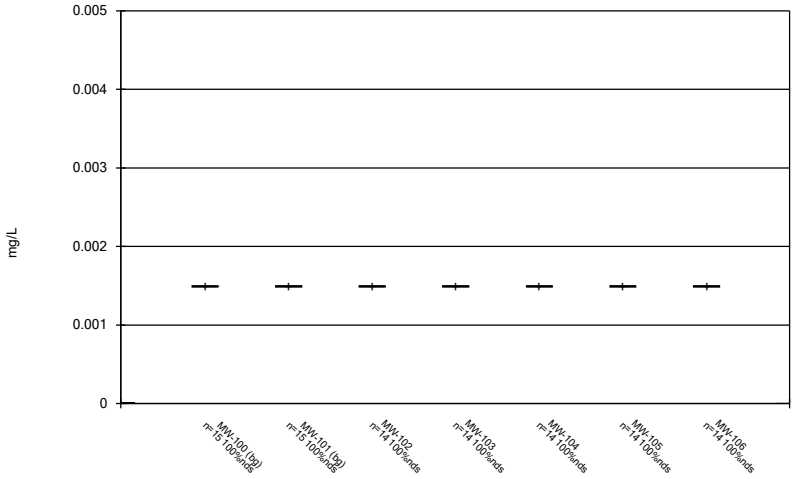
	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			10	<5	
3/3/2016	1100	18			490
5/2/2016				36	
5/3/2016			<5		
5/4/2016	1200	38			690
7/5/2016			<5	<5	
7/6/2016	870				500
7/7/2016		<5			
9/6/2016			36	44	
9/7/2016	650	14			590
11/7/2016		32	<5	30	
11/8/2016	1100				530
1/9/2017			<5	12	
1/10/2017	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
10/7/2020			16	12	
10/8/2020					380
10/9/2020	580	42			
3/29/2021			42	40	
4/1/2021	1200	52			560

Box Plots - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.28 . UG

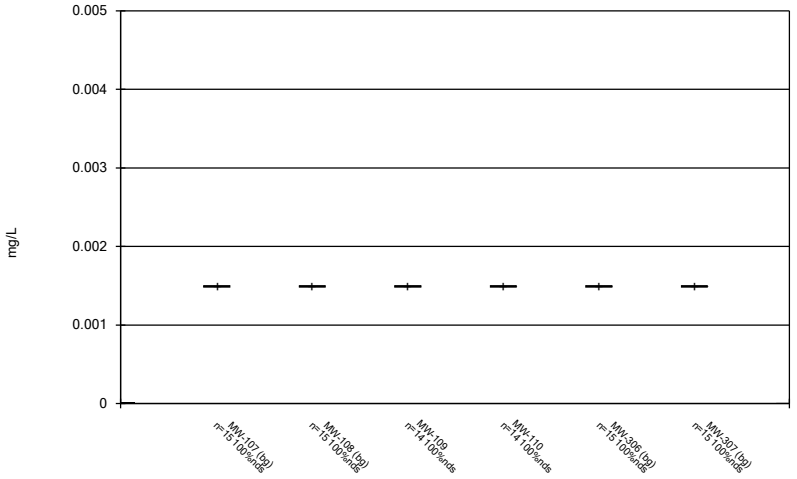
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

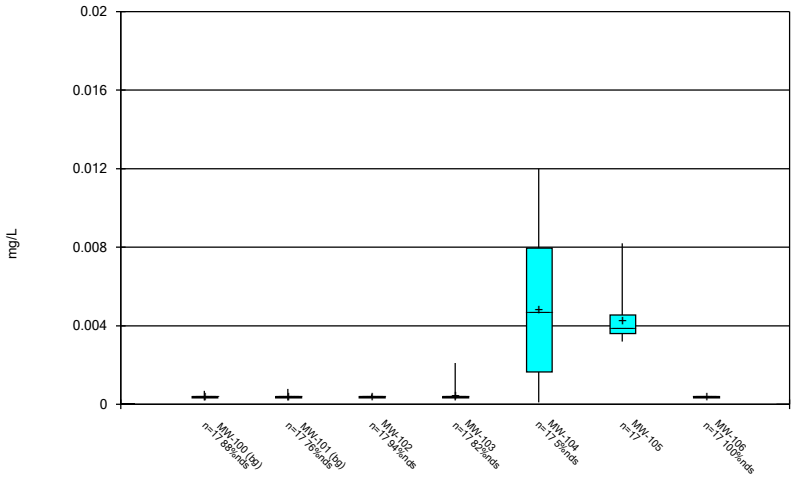
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

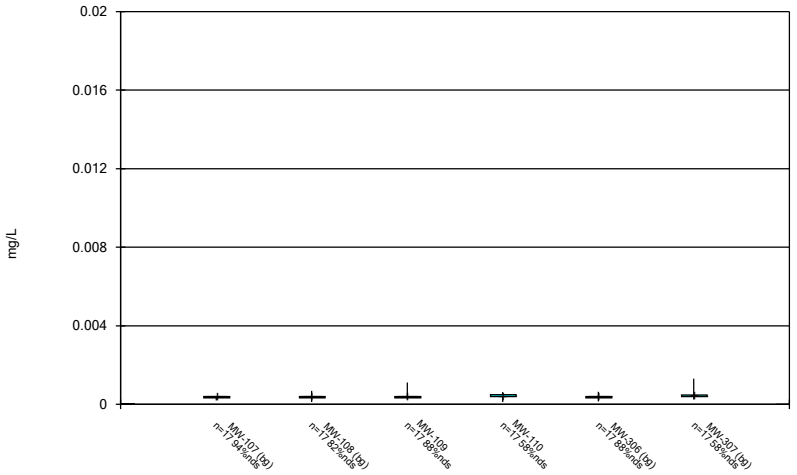
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

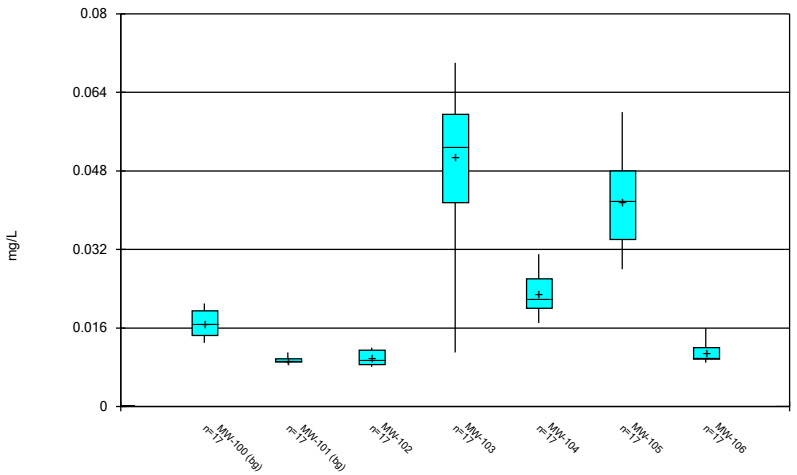
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

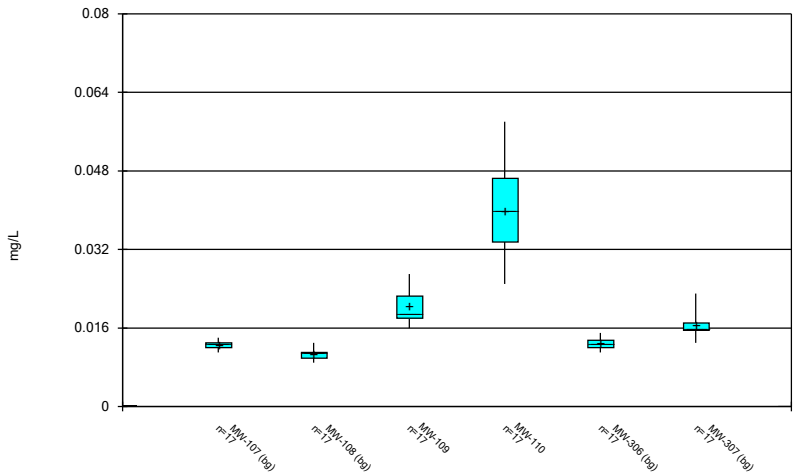
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

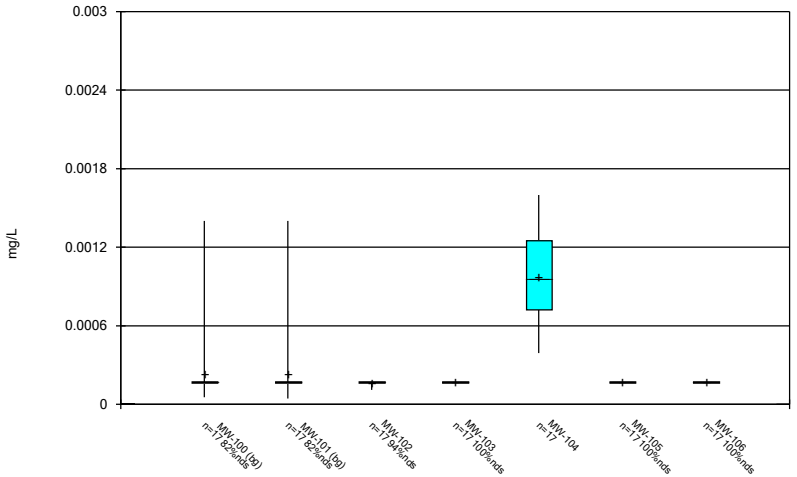
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

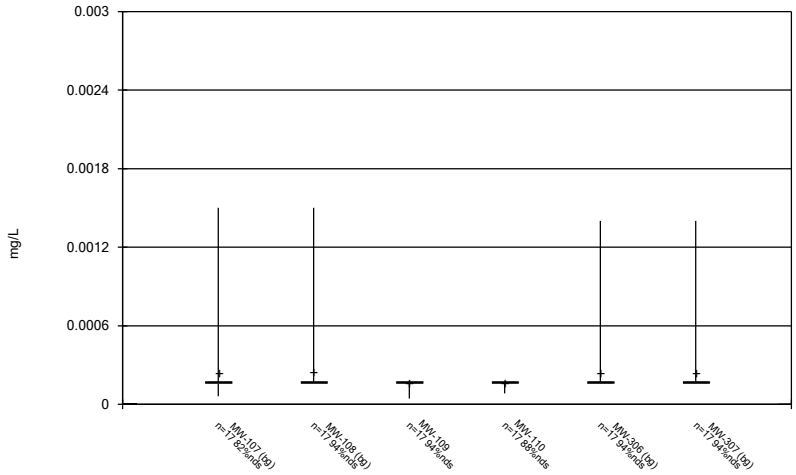
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

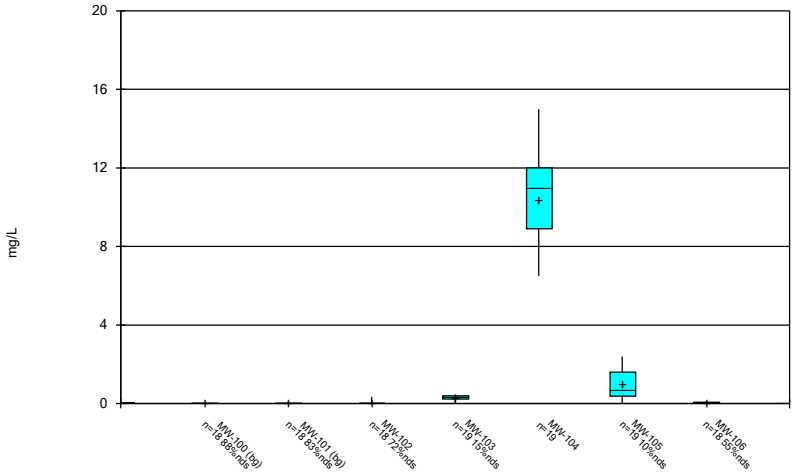
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

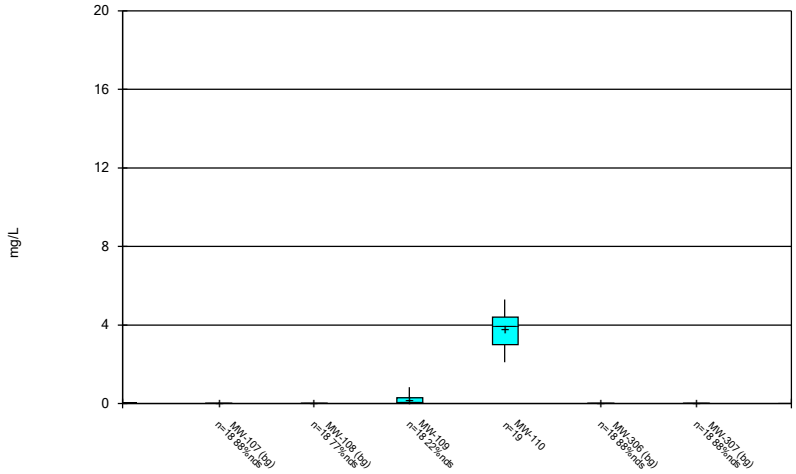
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

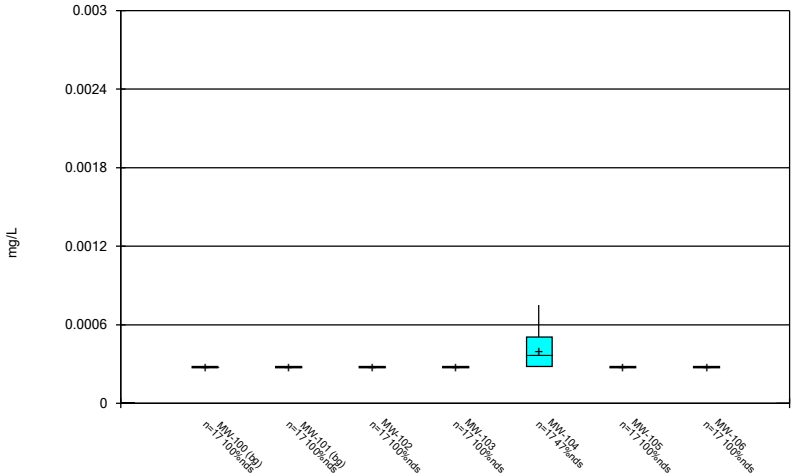
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

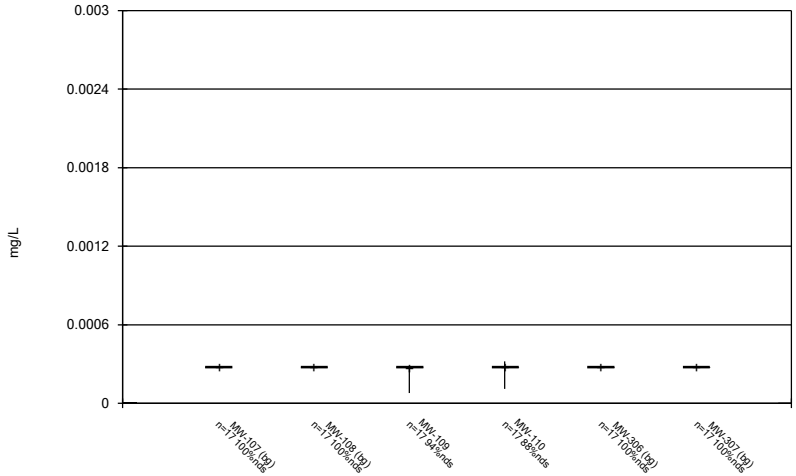
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

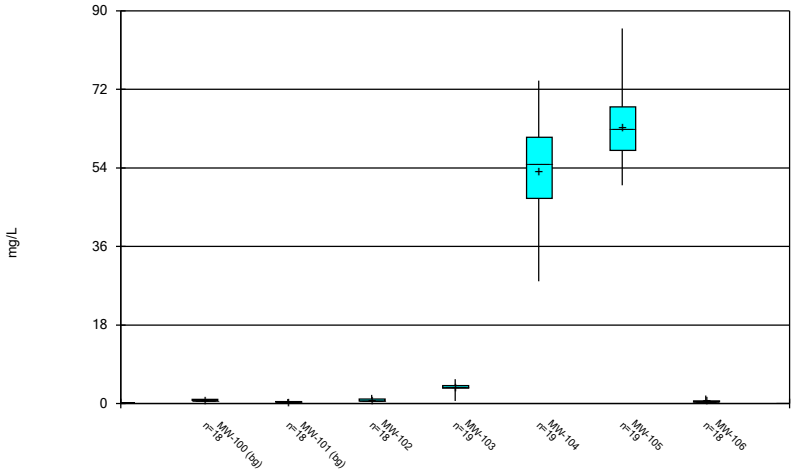
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

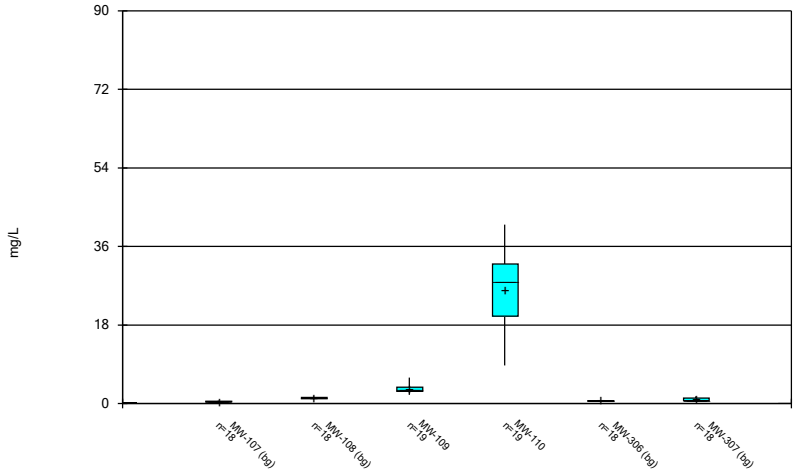
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

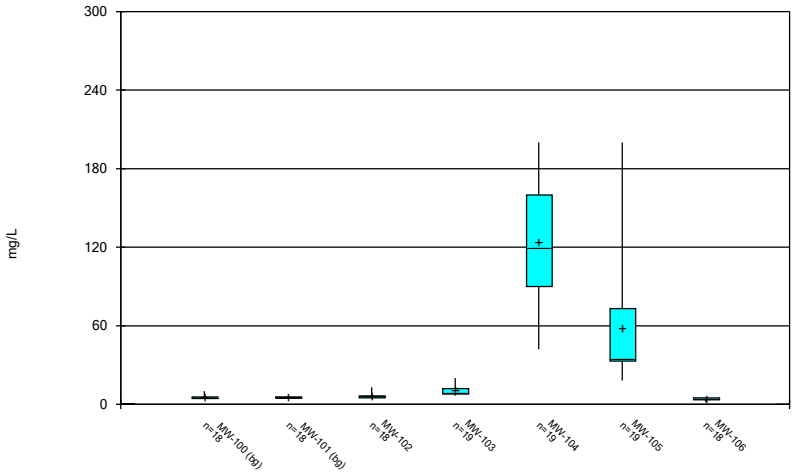
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

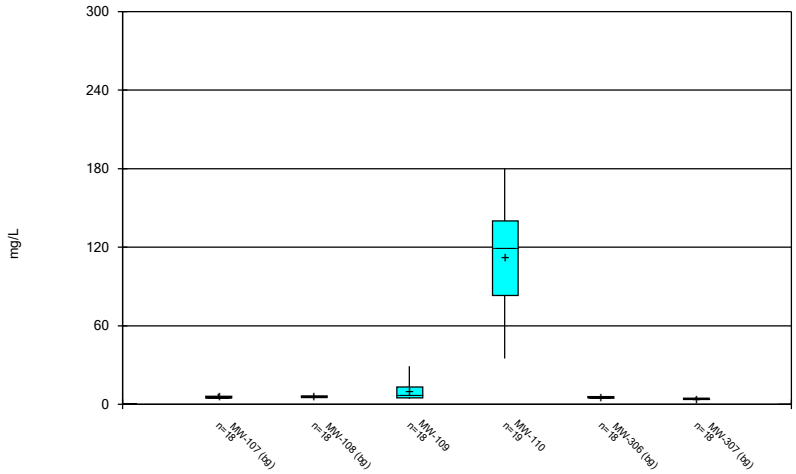
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

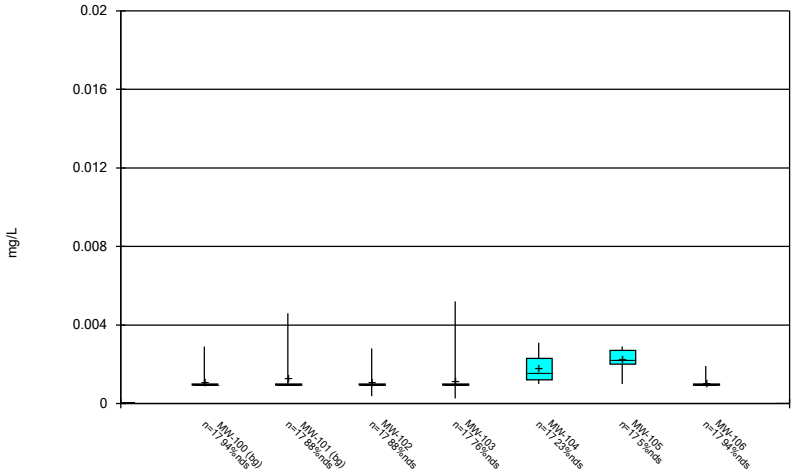
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

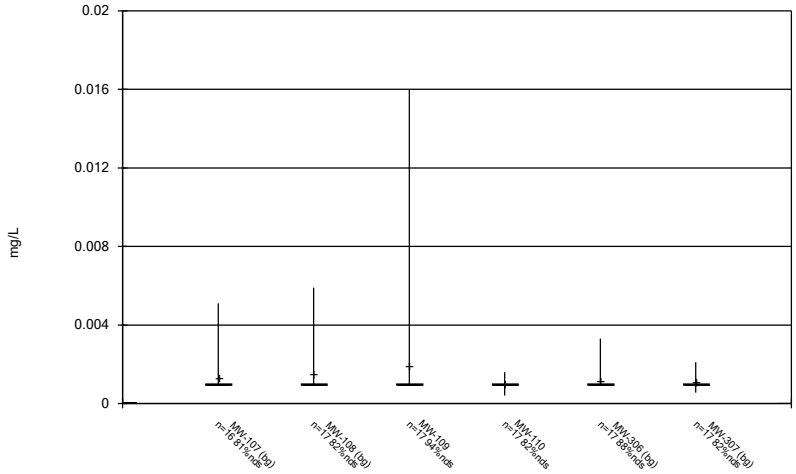
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

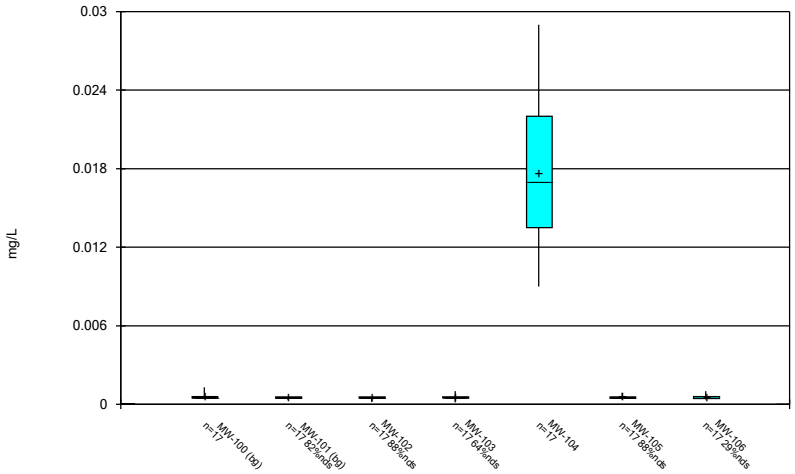
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

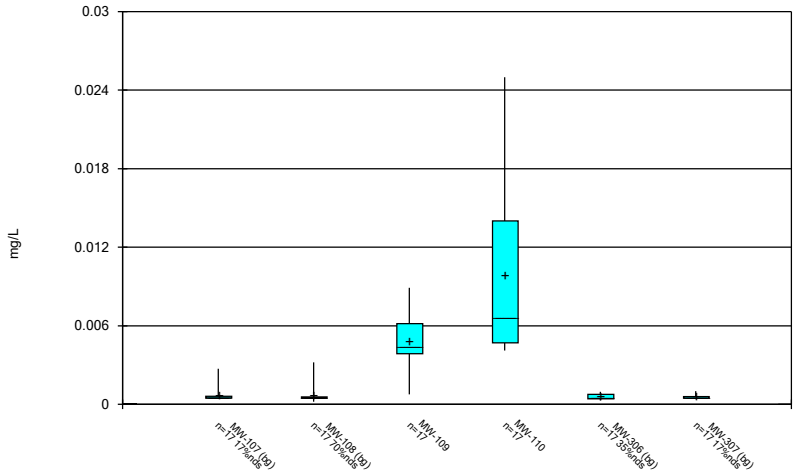
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

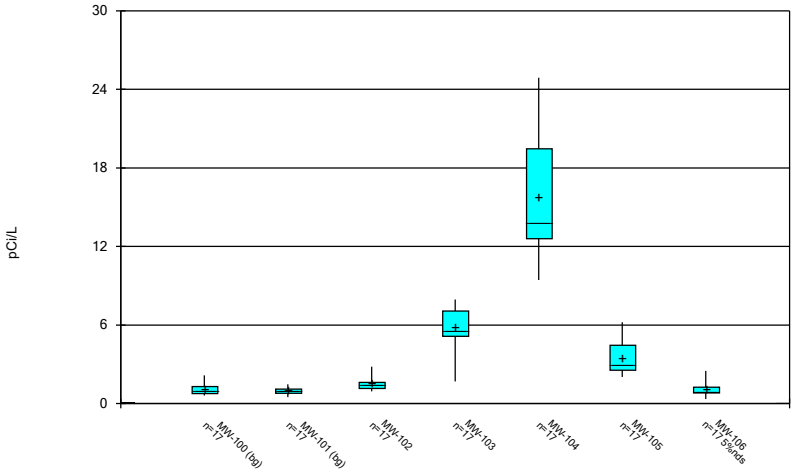
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

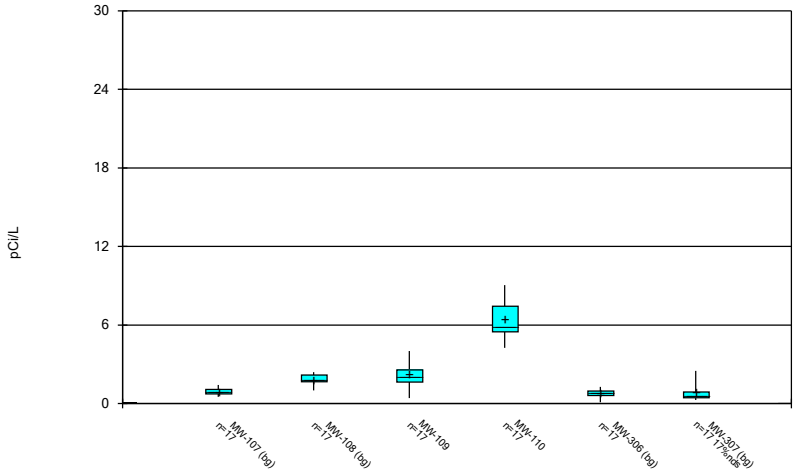
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

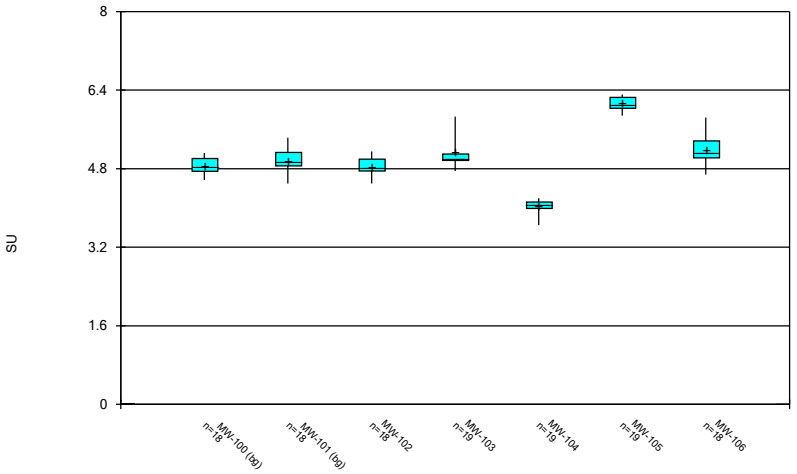
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

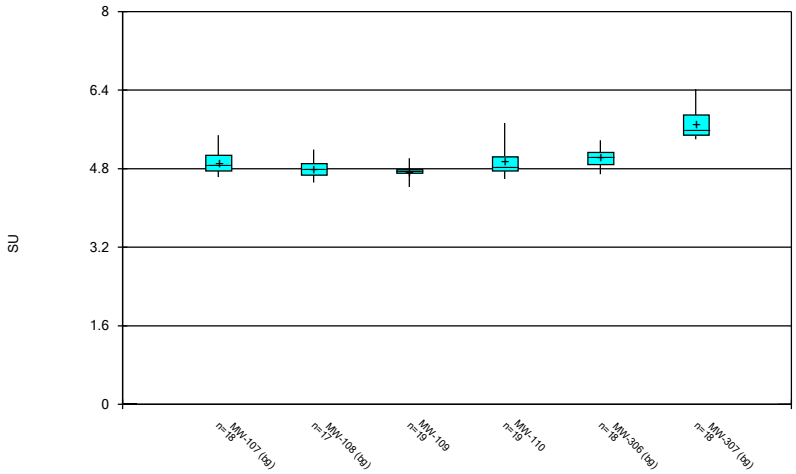
Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

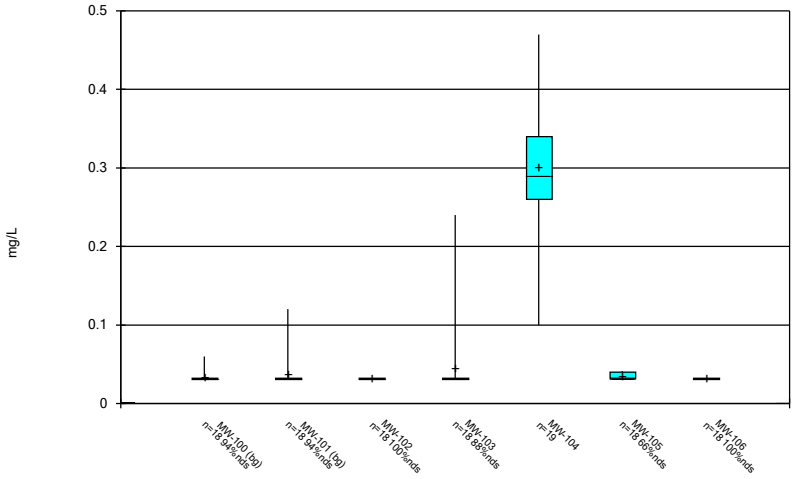
Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

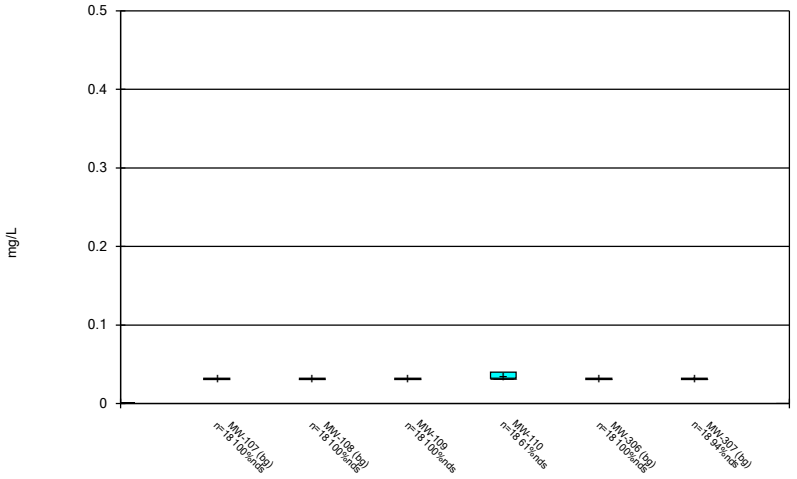
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

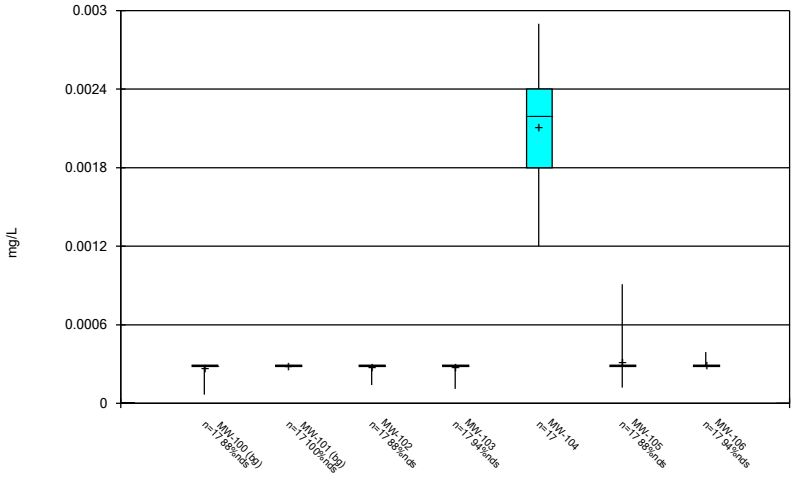
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

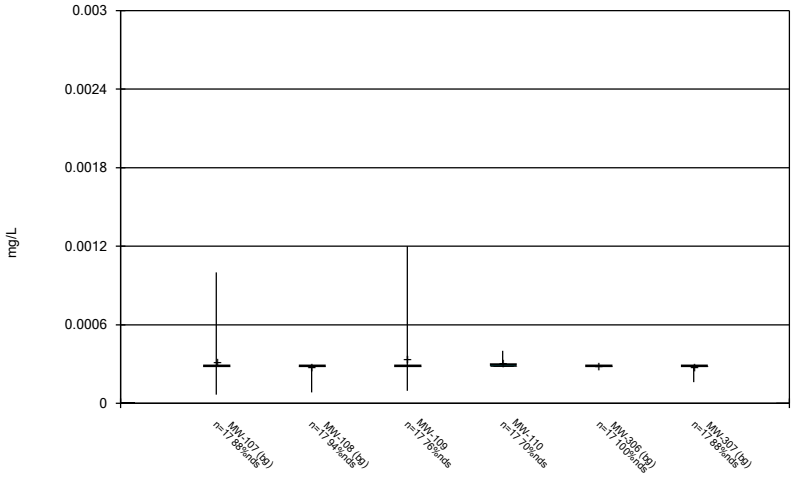
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

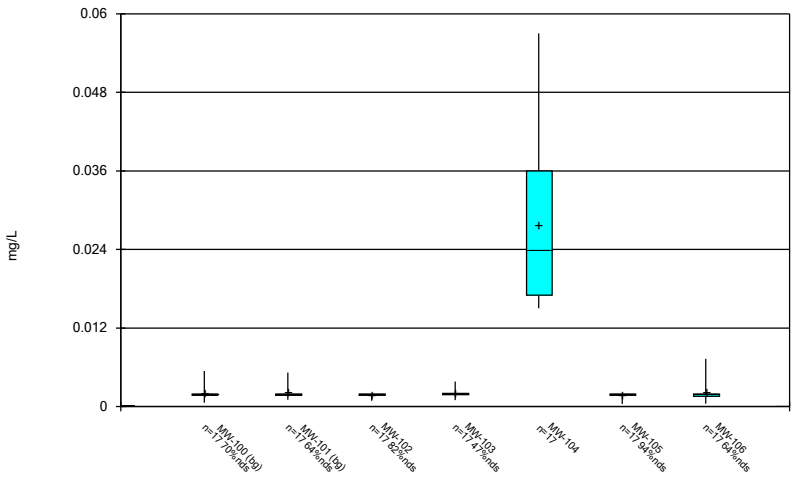
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

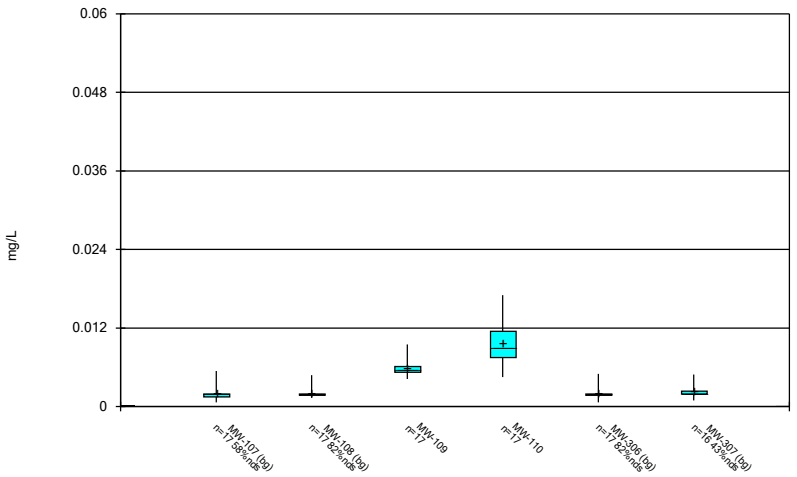
Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

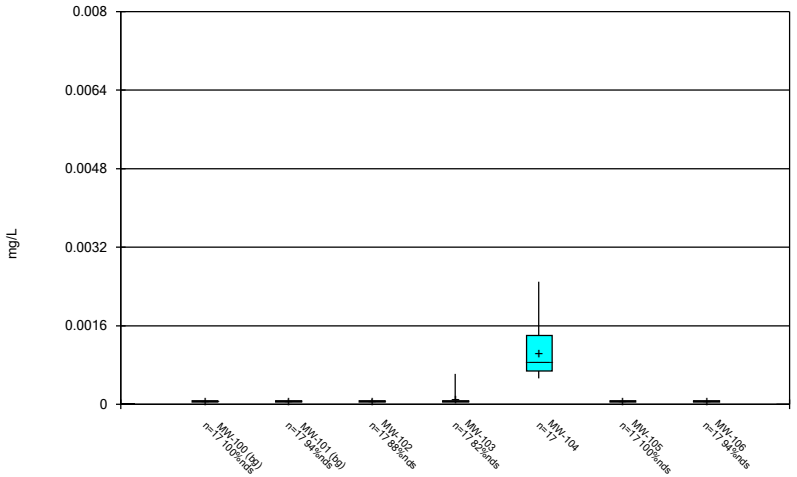
Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

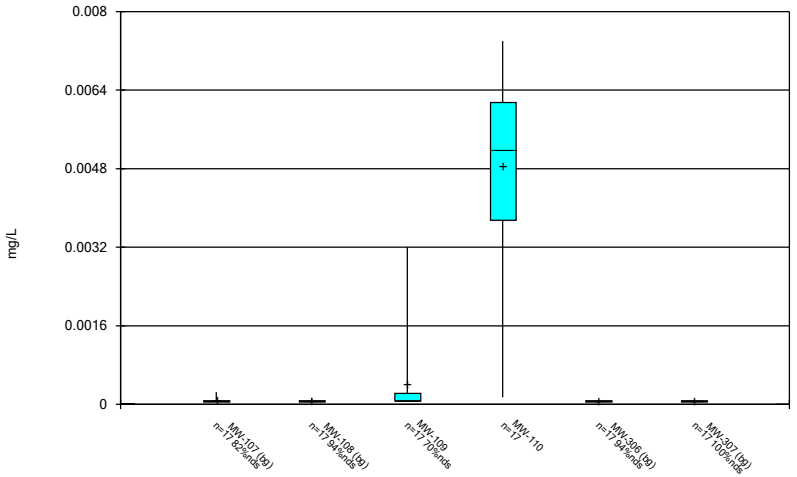
Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

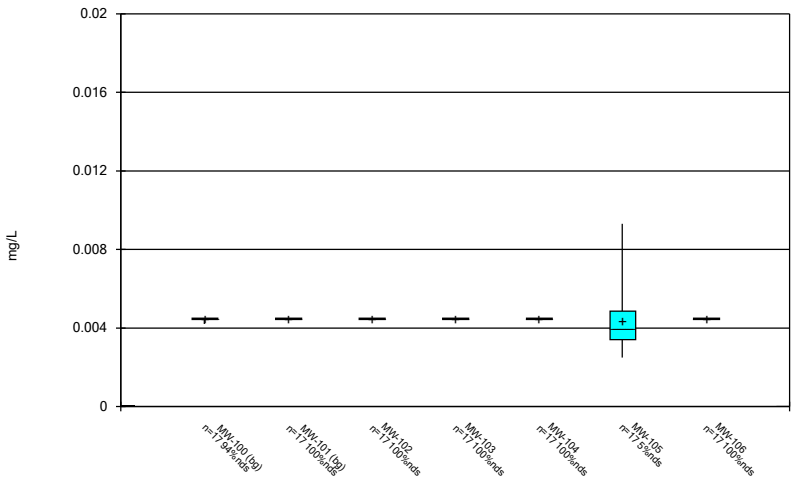
Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

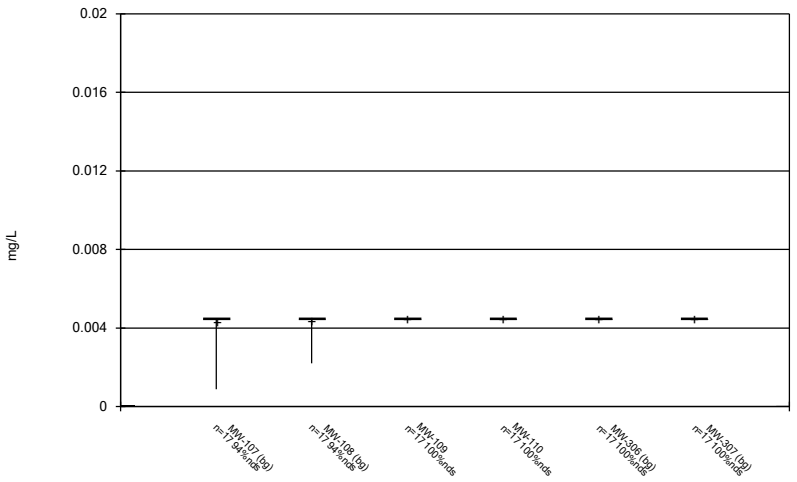
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

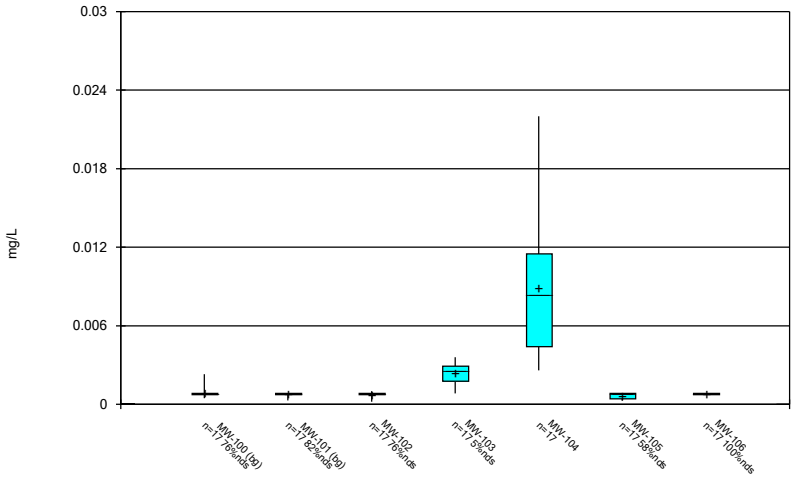
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

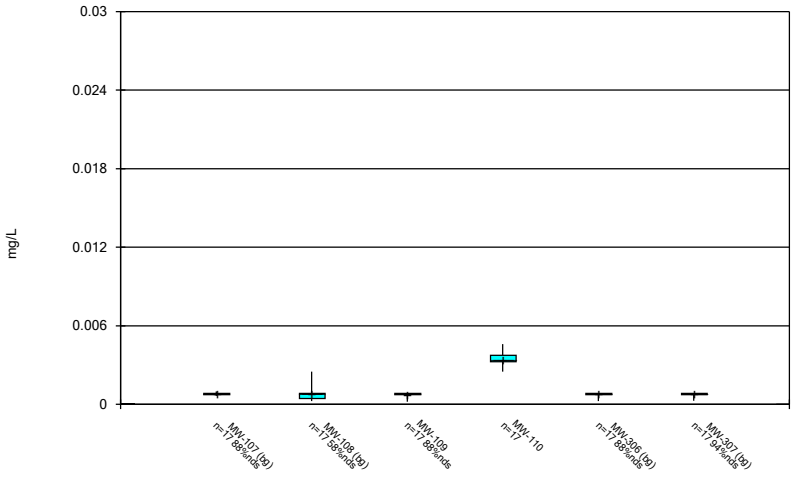
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

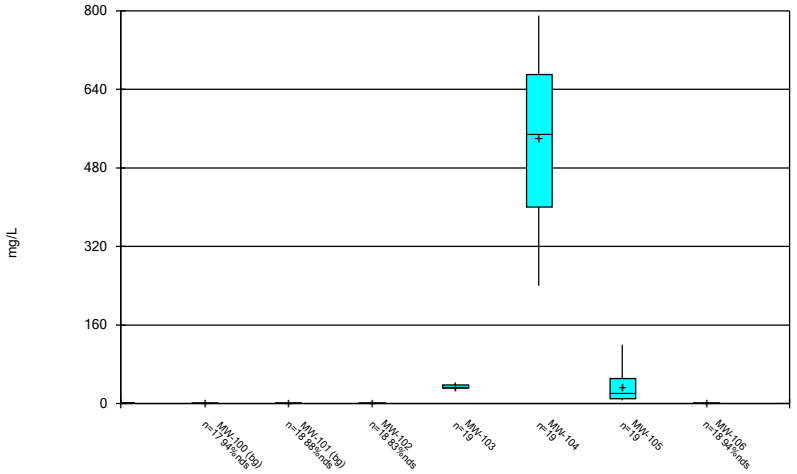
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

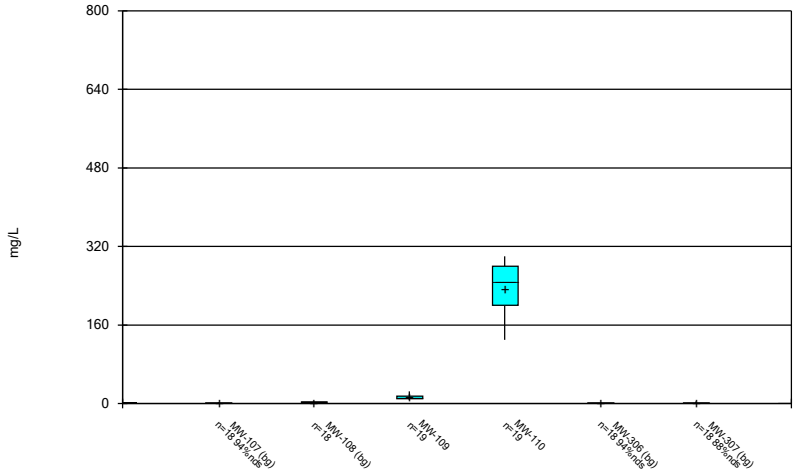
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

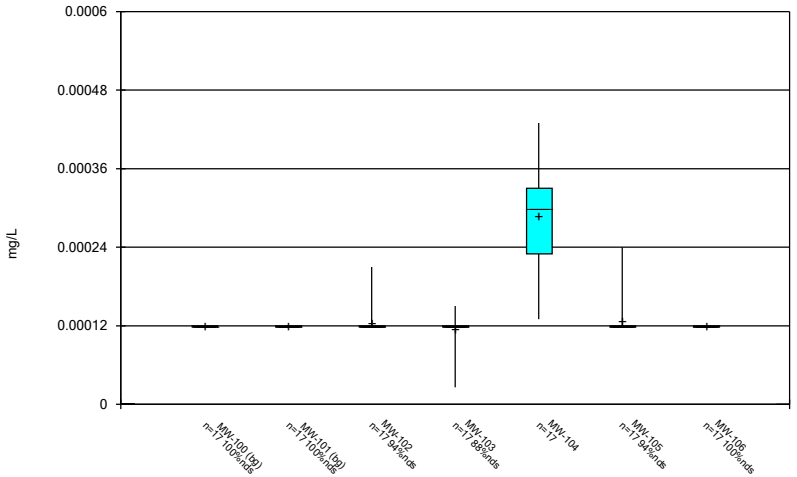
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/11/2021 5:05 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

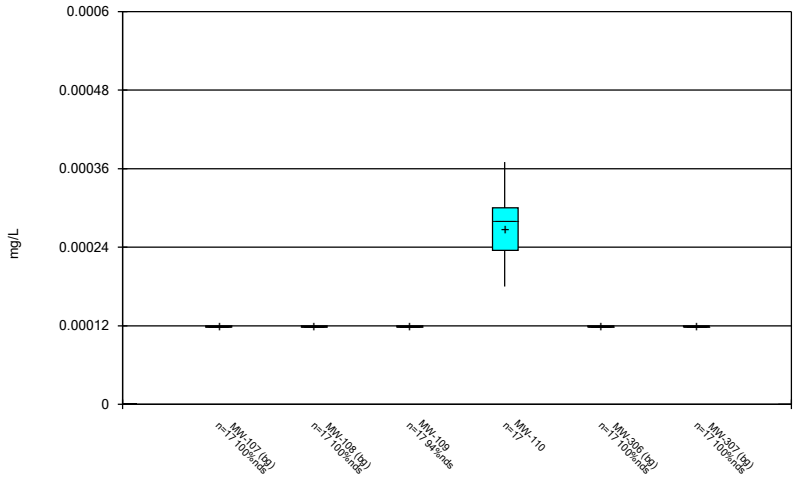
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/11/2021 5:06 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

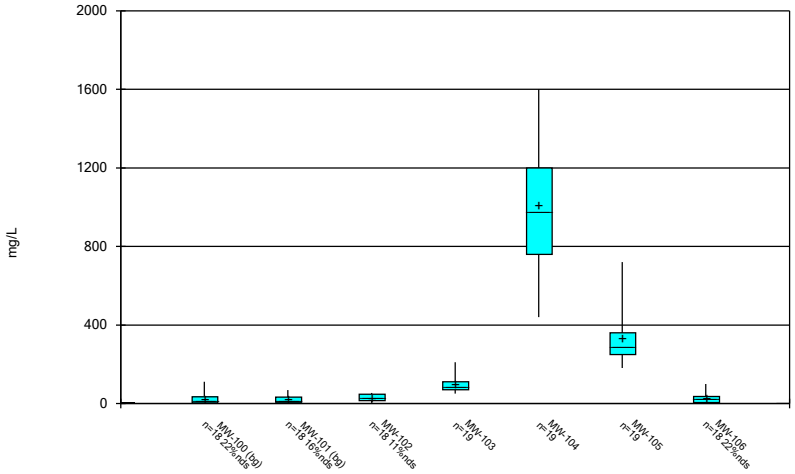
Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/11/2021 5:06 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Box & Whiskers Plot

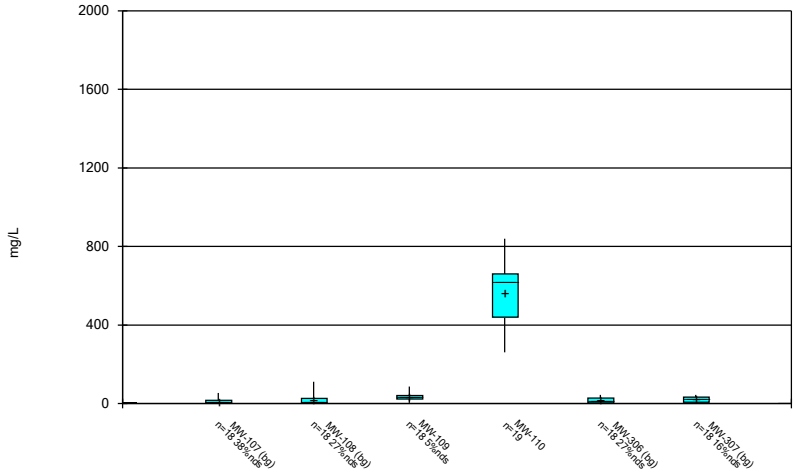


Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:06 PM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



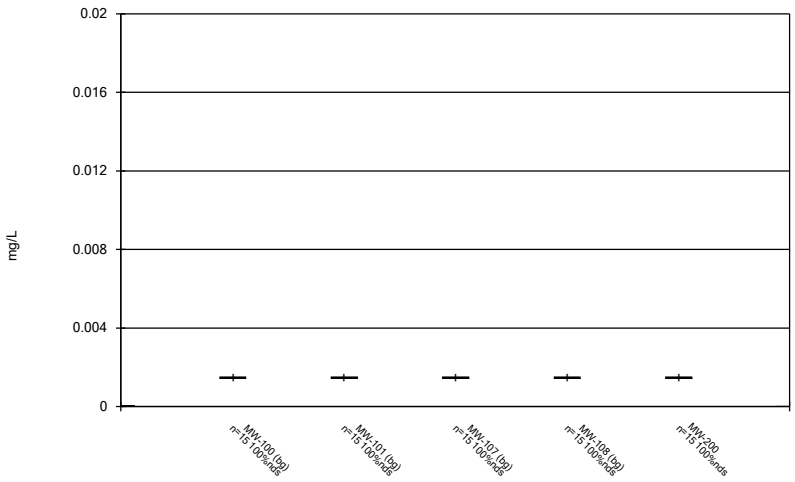
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:06 PM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

200 Series

Sanitas™ v.9.6.28 . UG

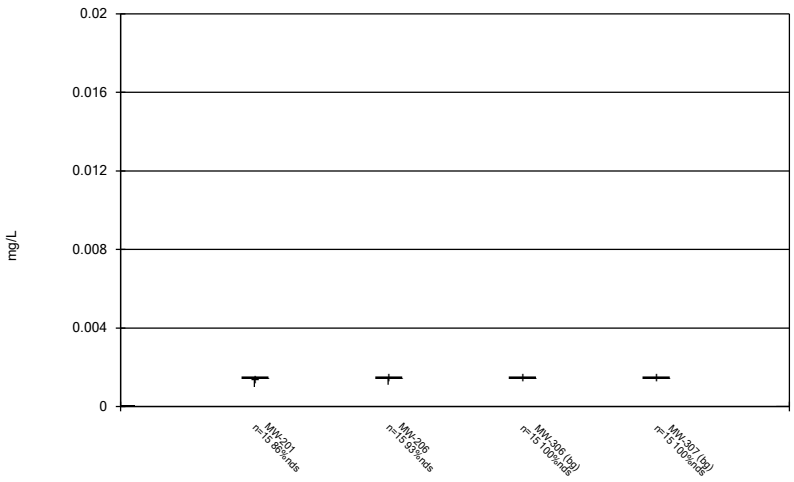
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

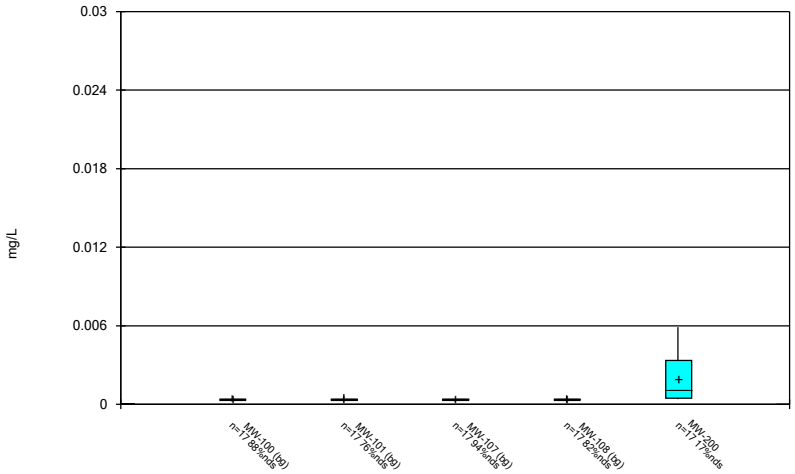
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

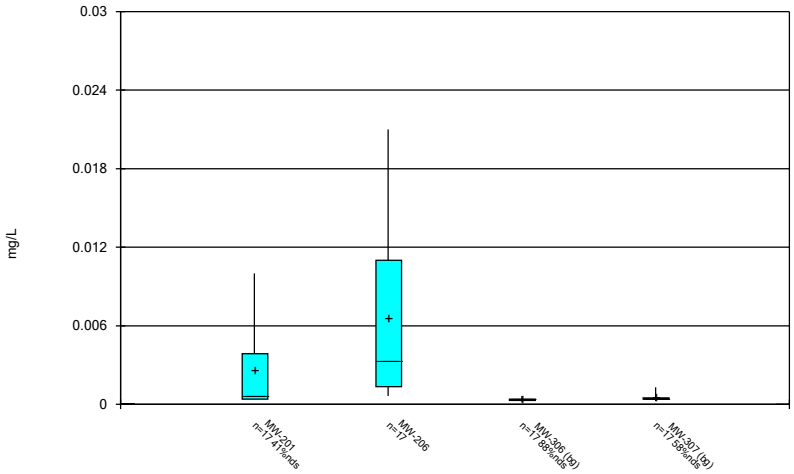
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

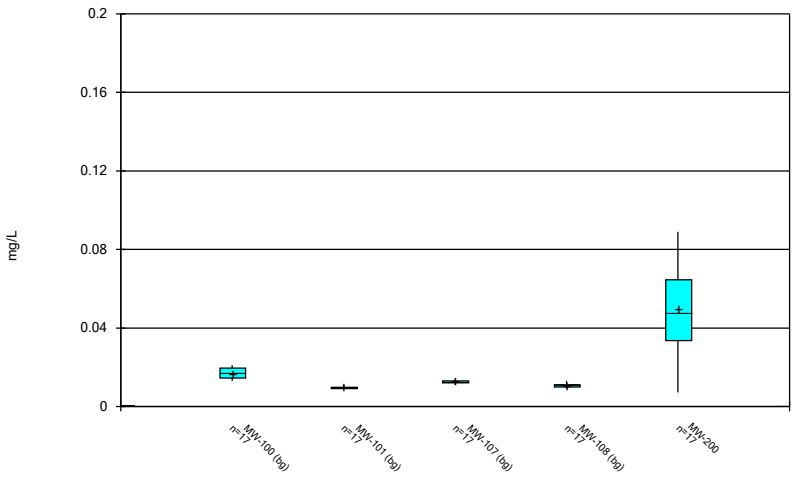
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

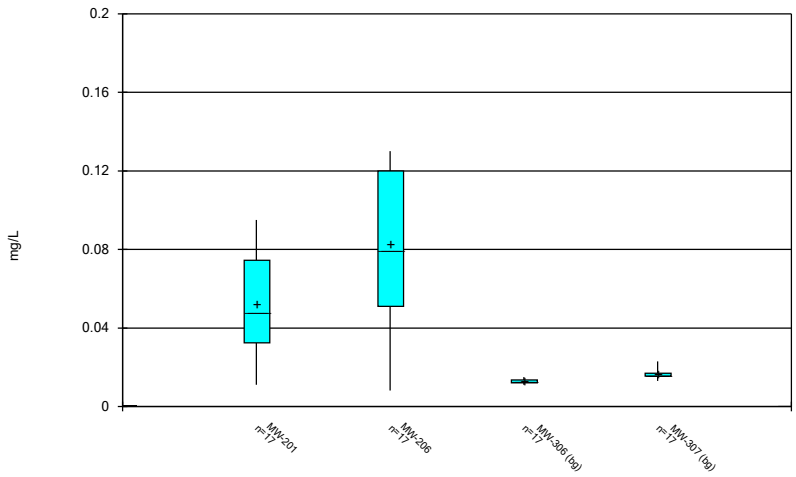
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

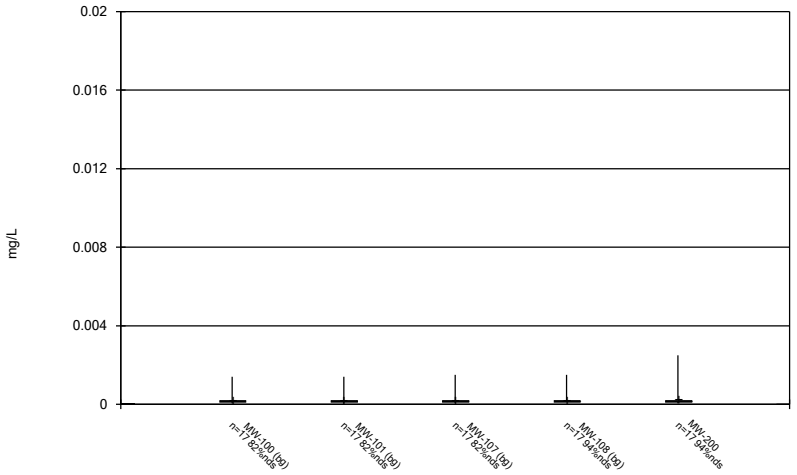
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

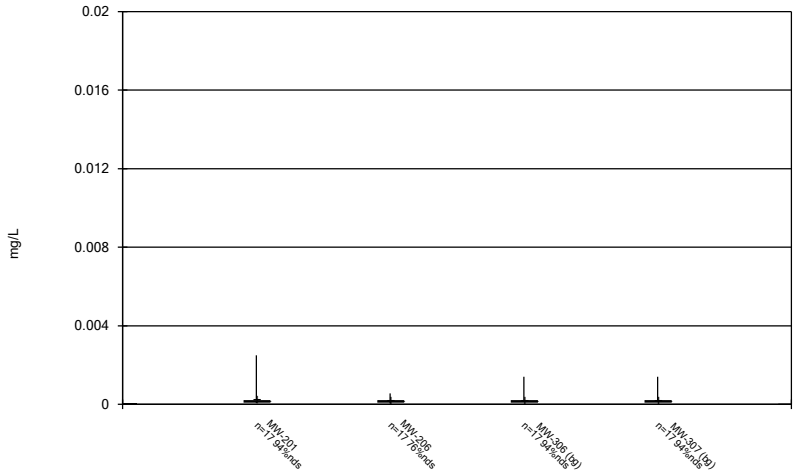
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

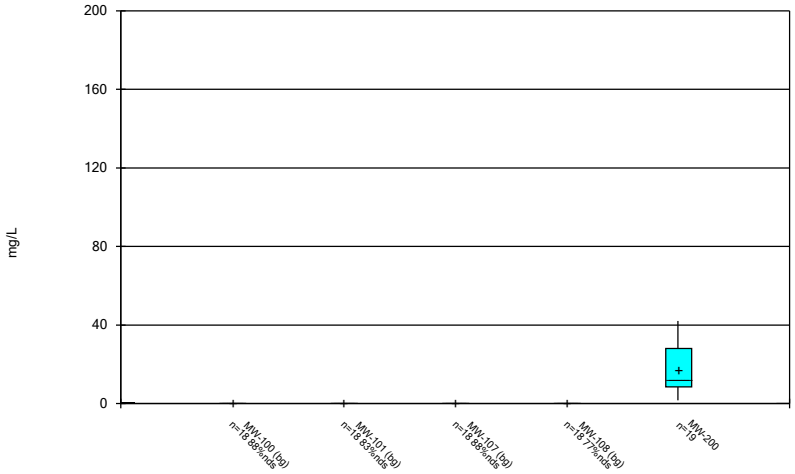
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

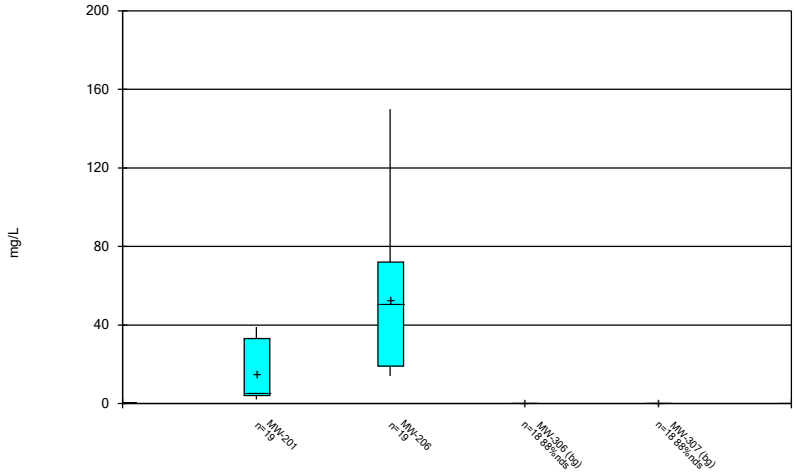
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

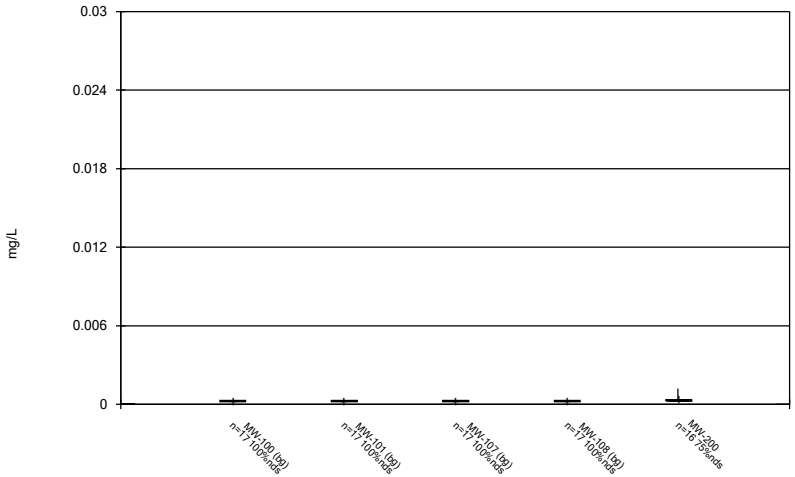
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

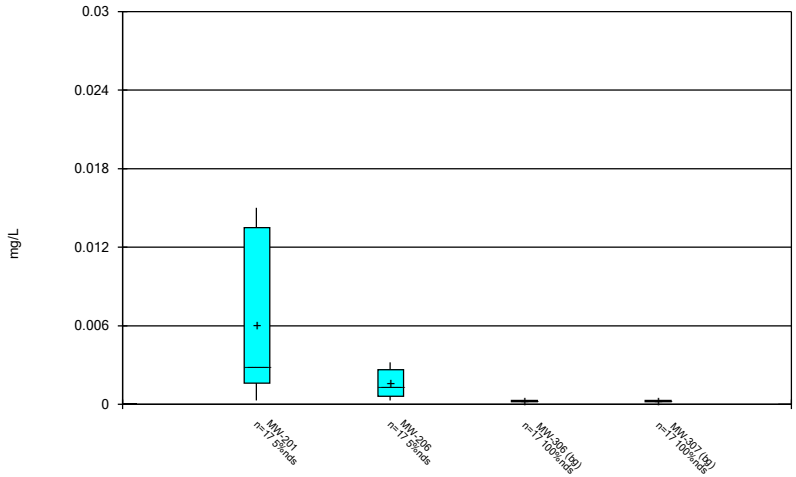
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

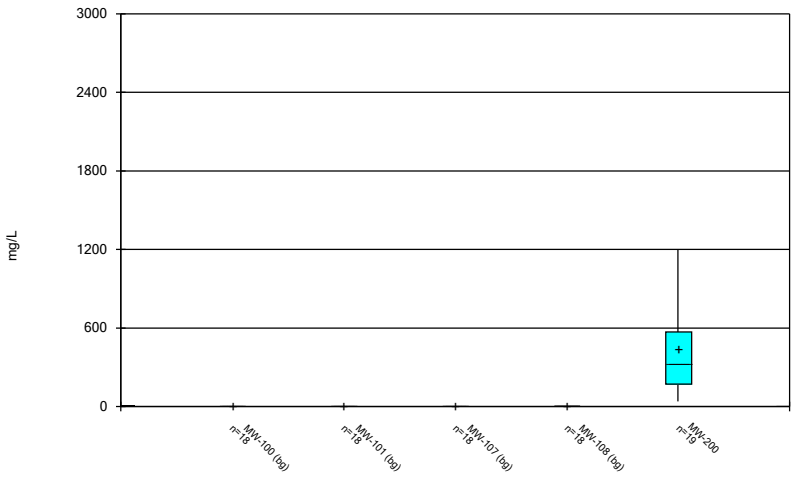
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

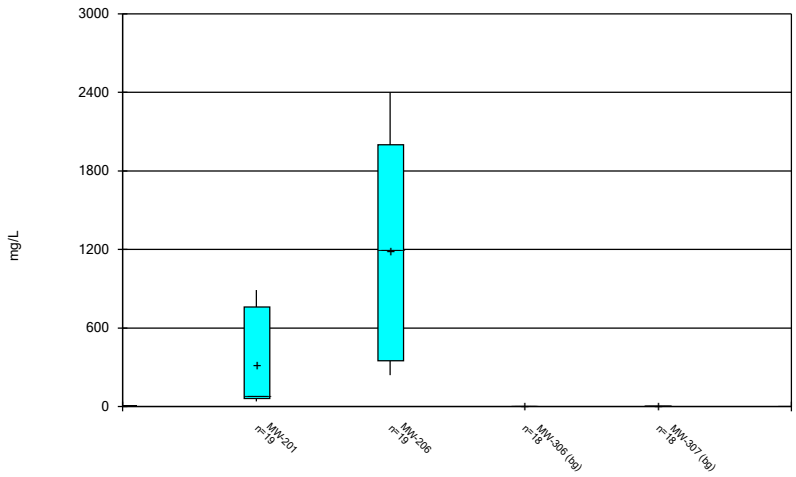
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

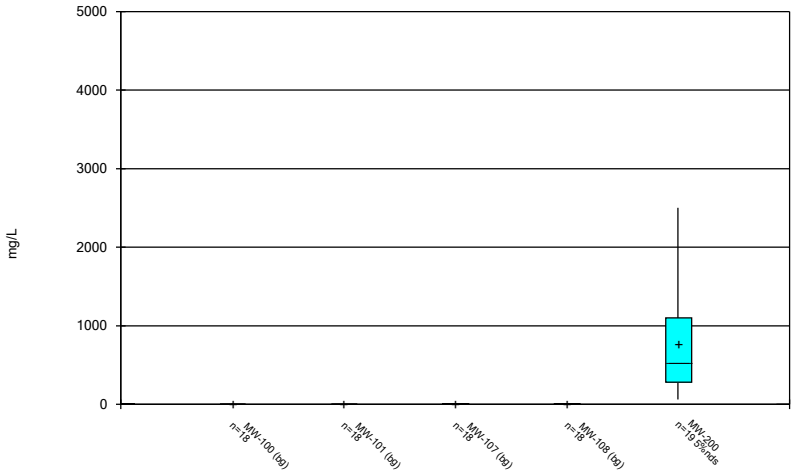
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

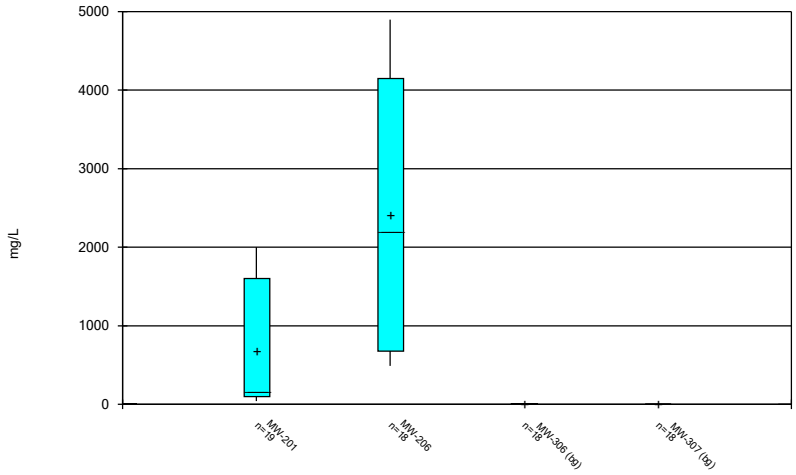
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

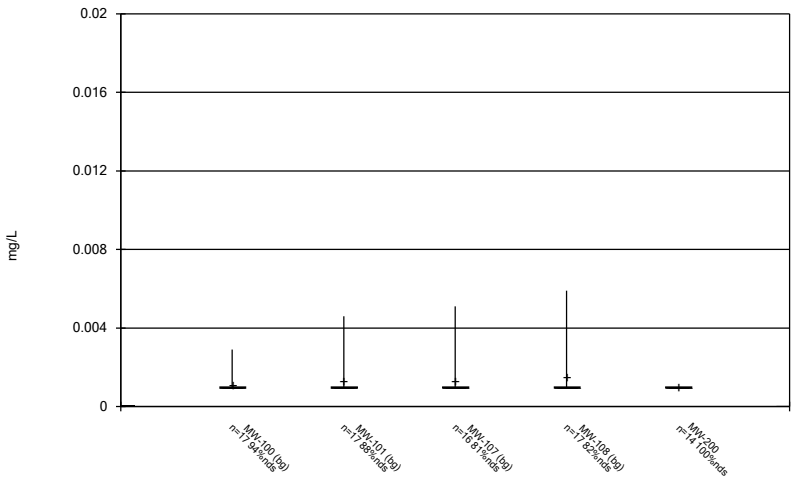
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

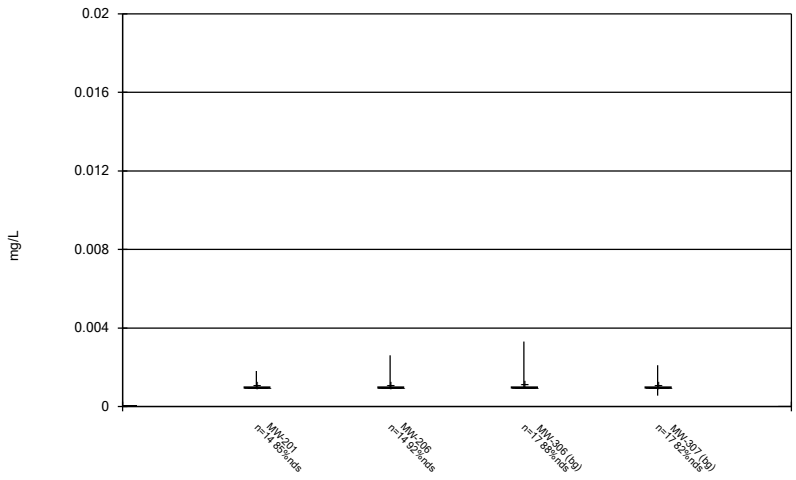
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

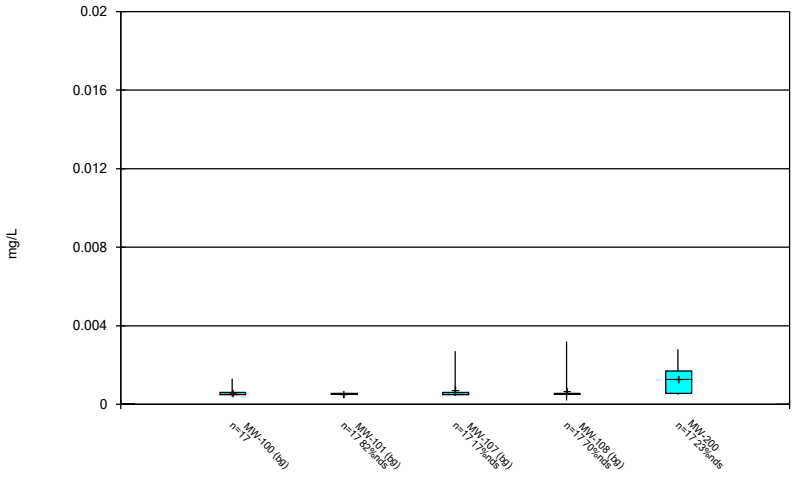
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

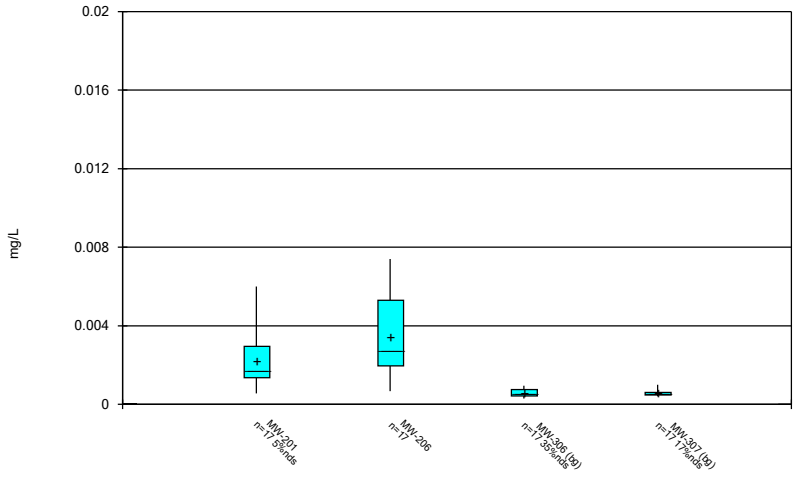
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

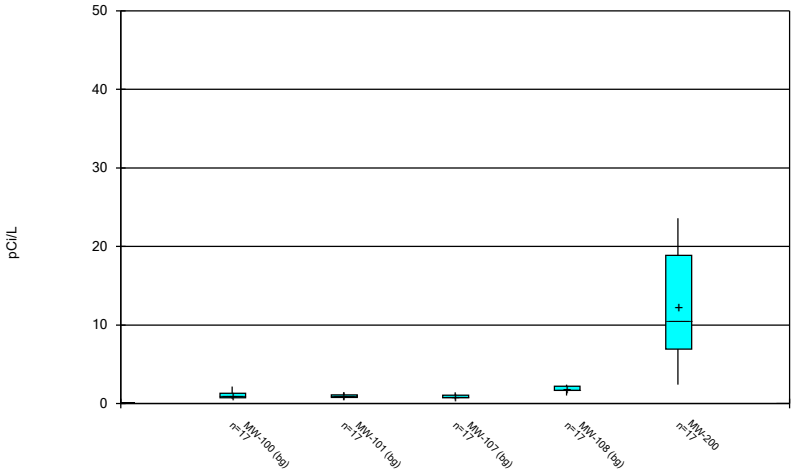
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot

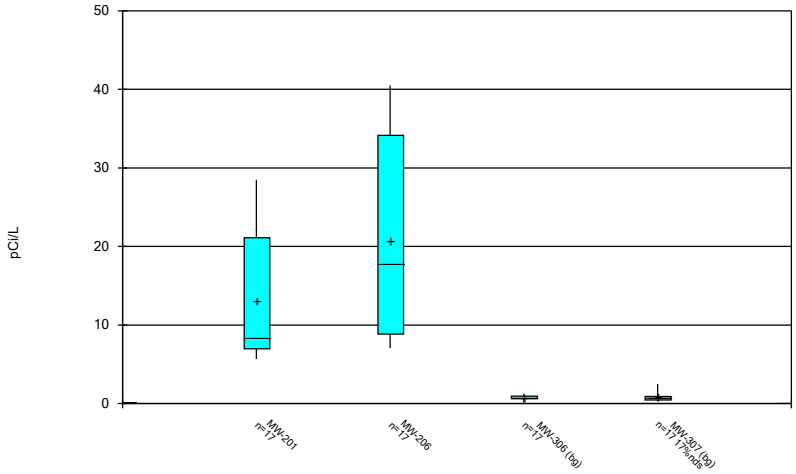


Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:48 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot

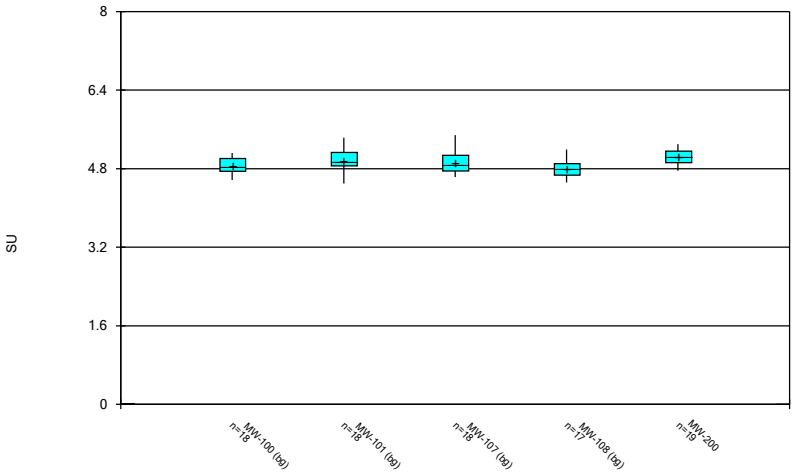


Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 5:48 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot

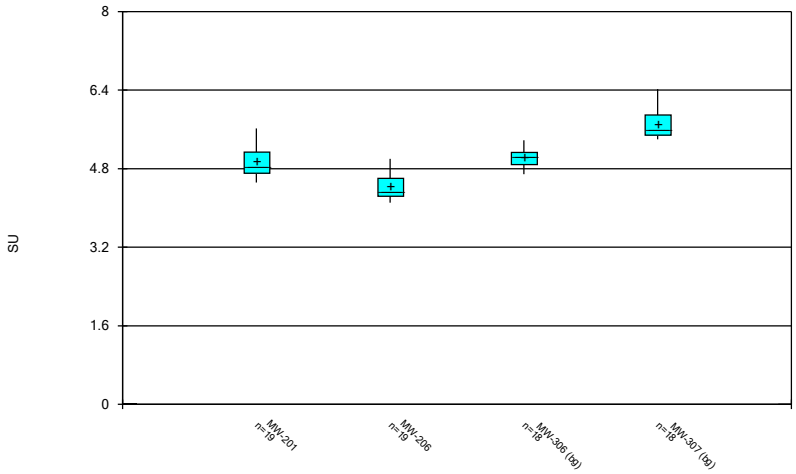


Constituent: Field pH Analysis Run 6/11/2021 5:48 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot

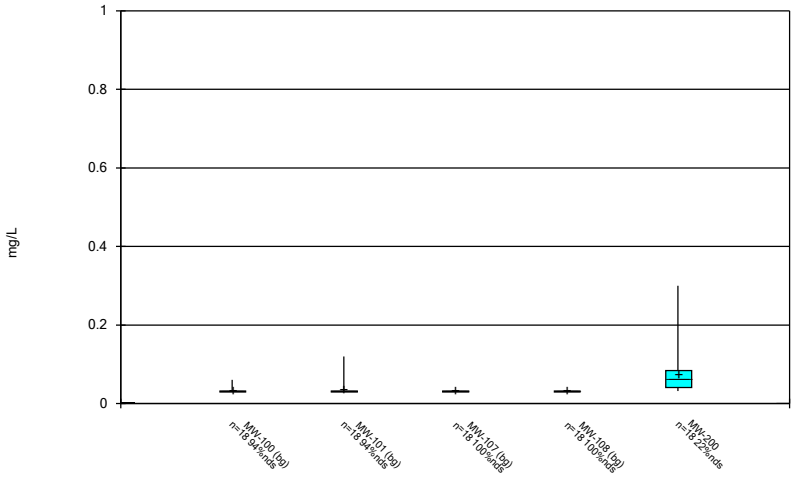


Constituent: Field pH Analysis Run 6/11/2021 5:48 PM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

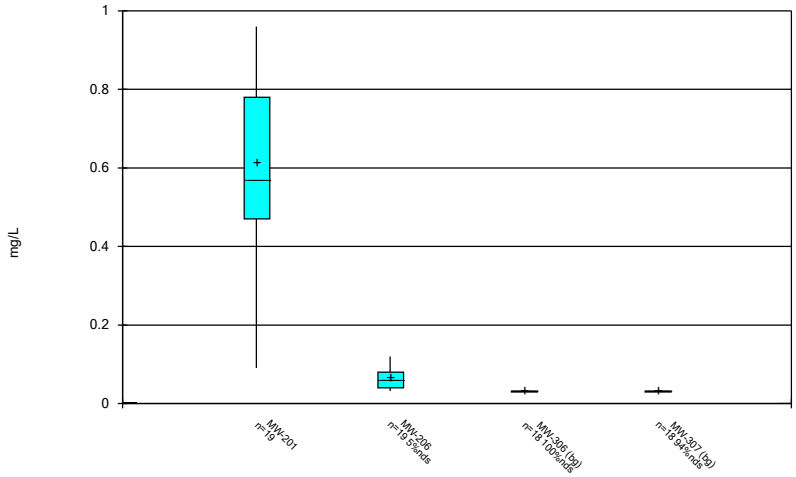
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

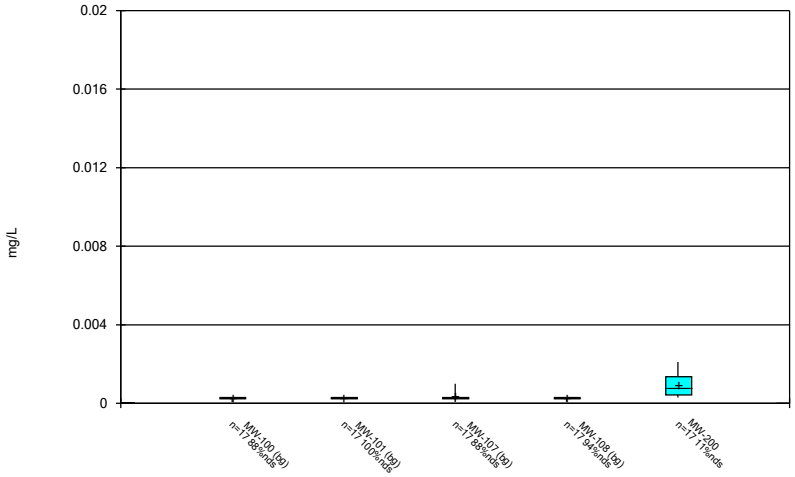
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

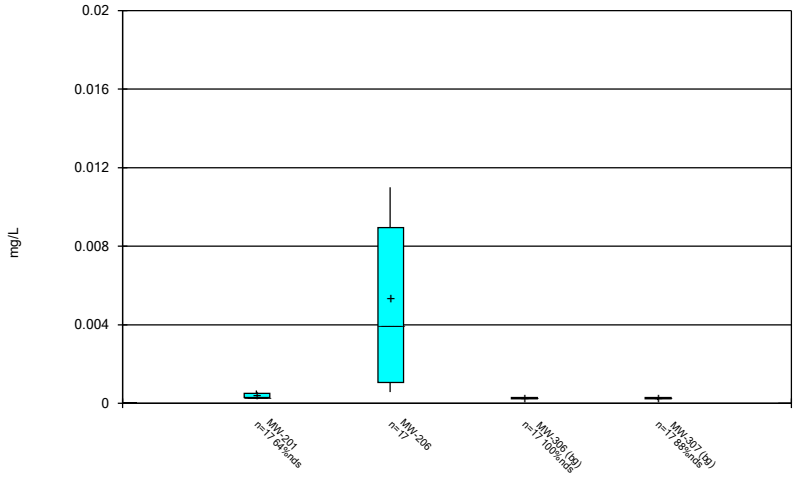
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

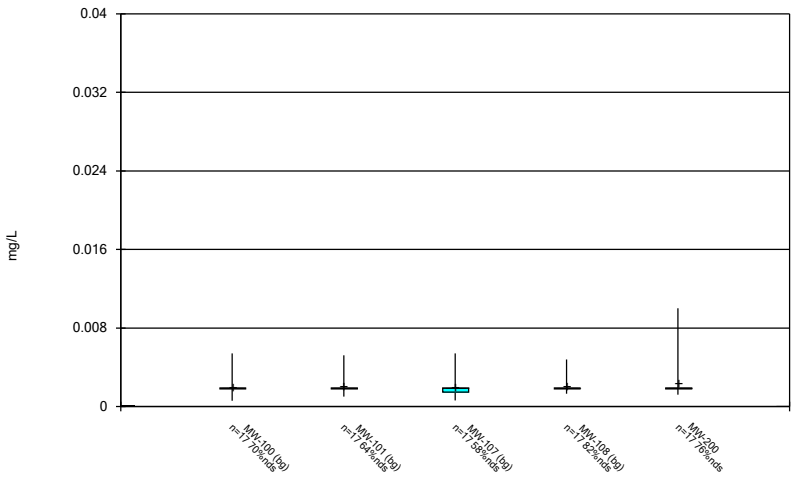
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

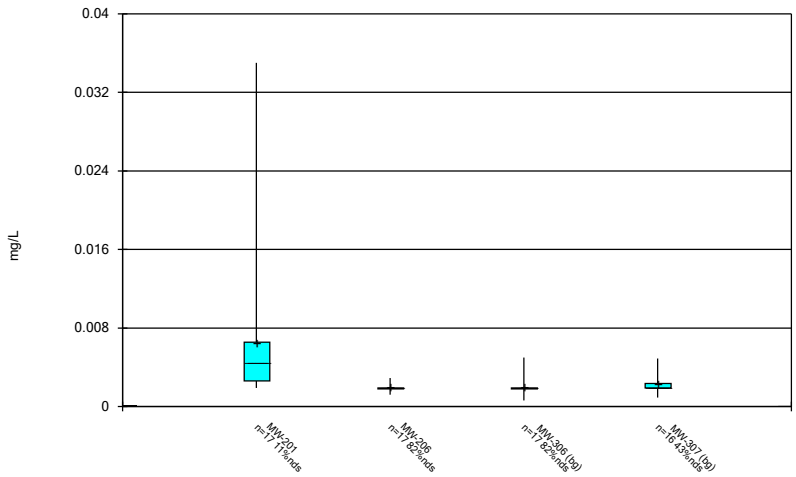
Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/11/2021 5:48 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

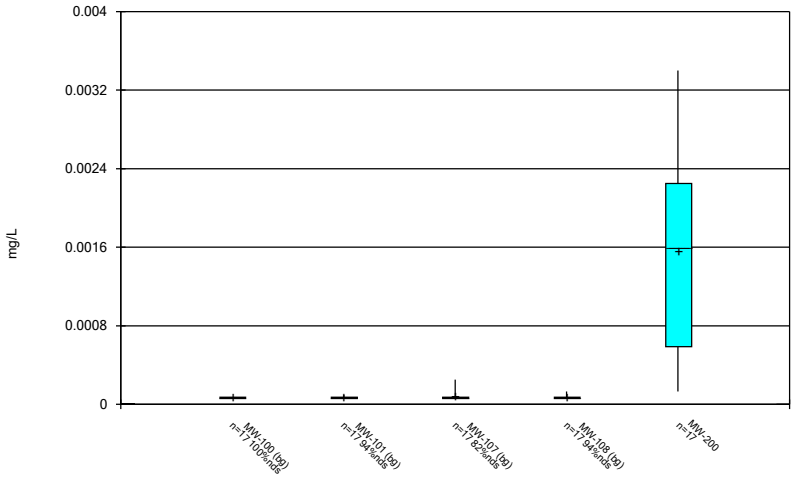
Box & Whiskers Plot



Constituent: Lithium Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

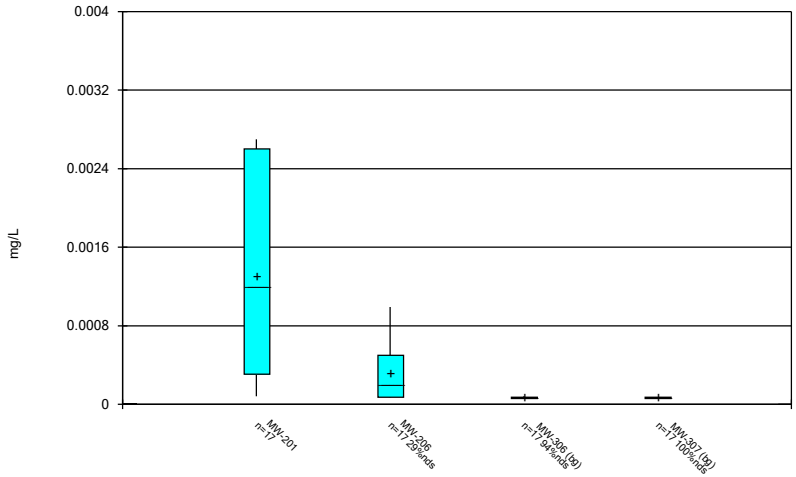
Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

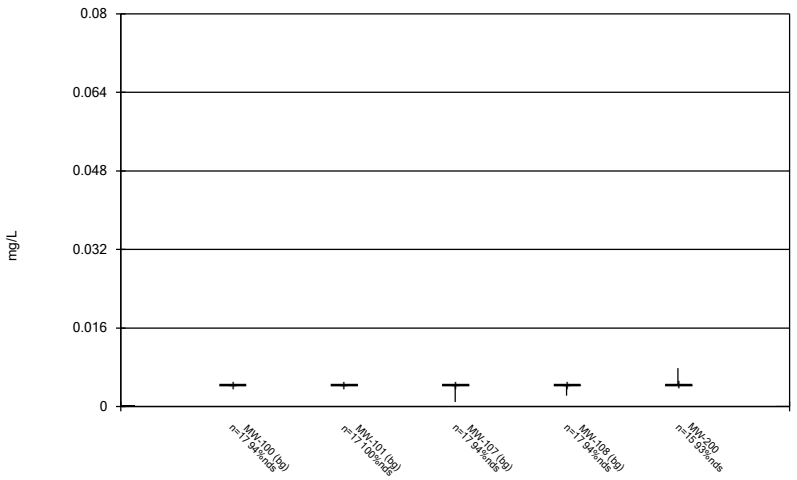
Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

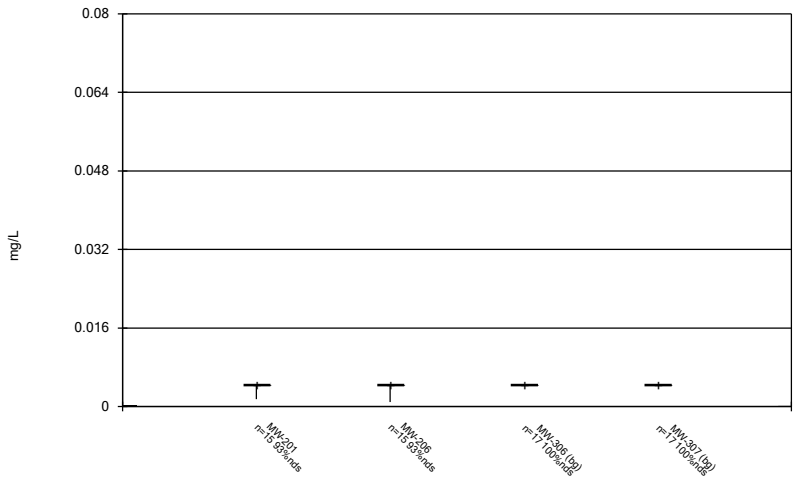
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

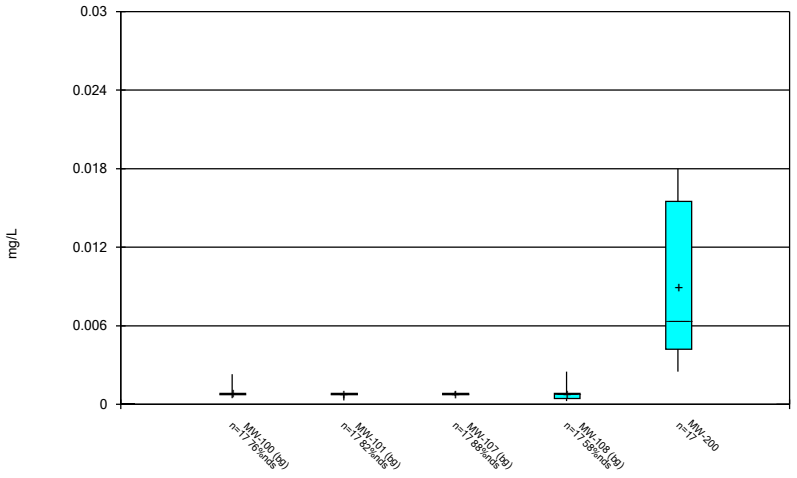
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

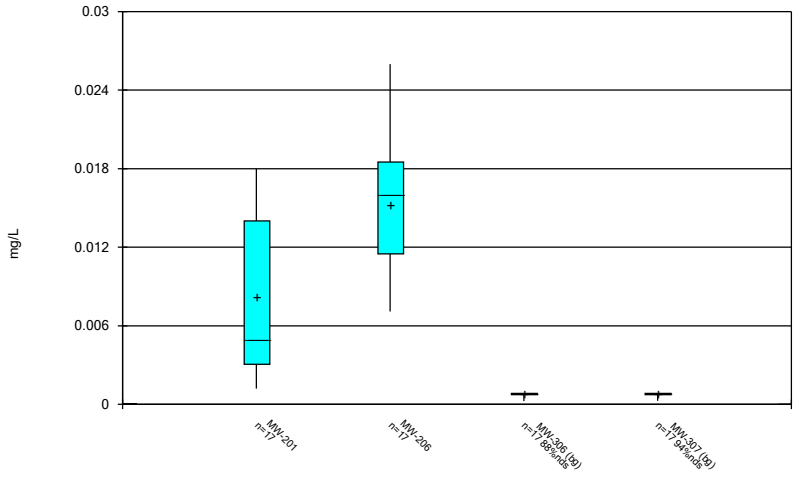
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

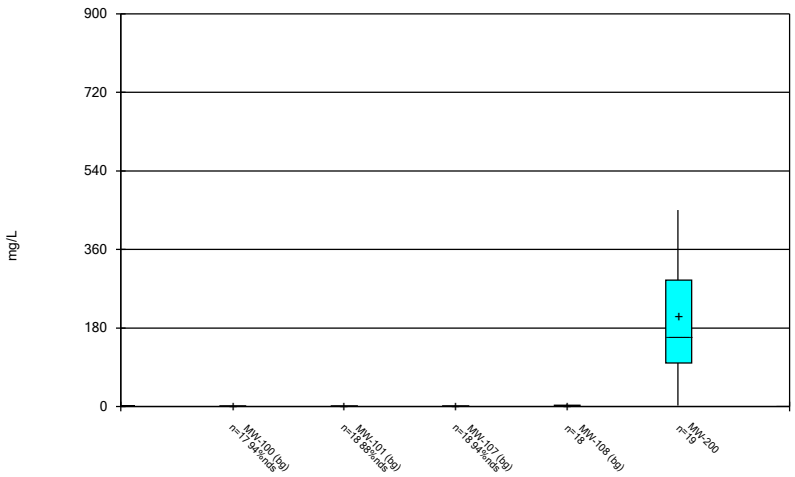
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

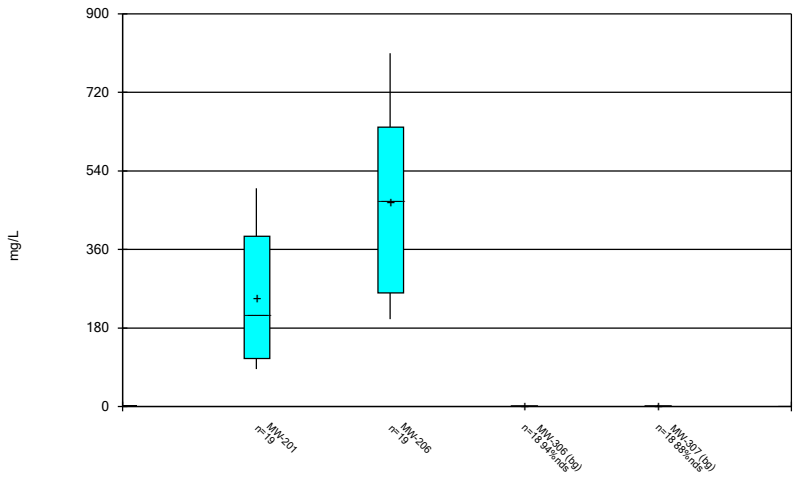
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

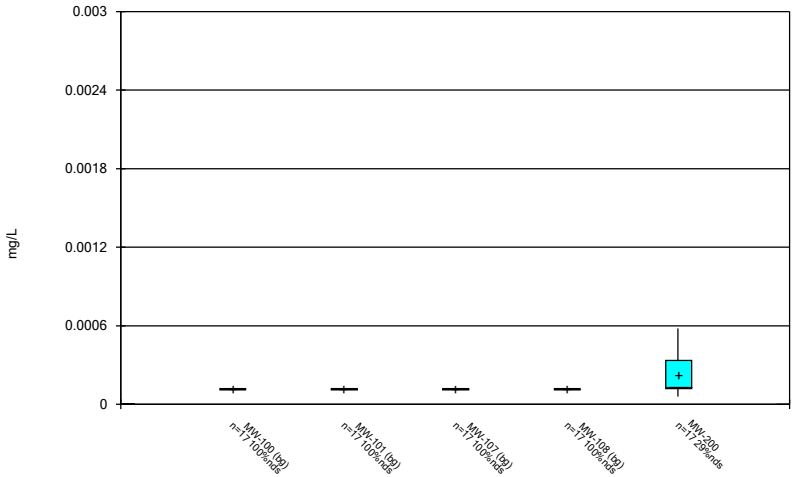
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

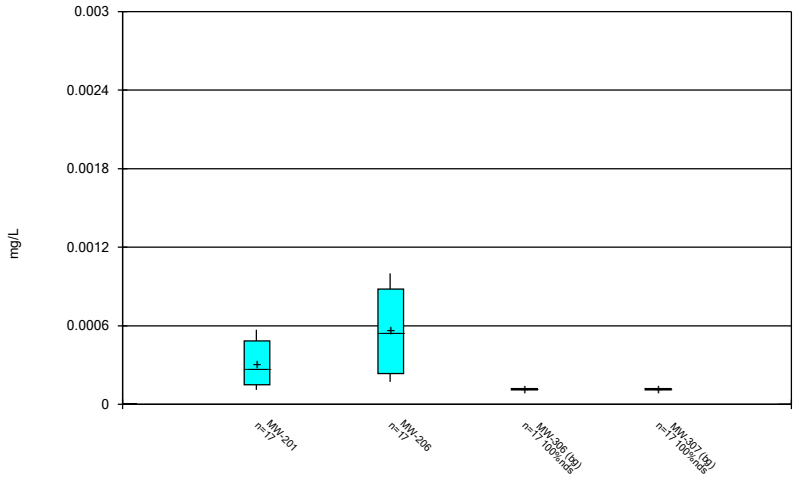
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

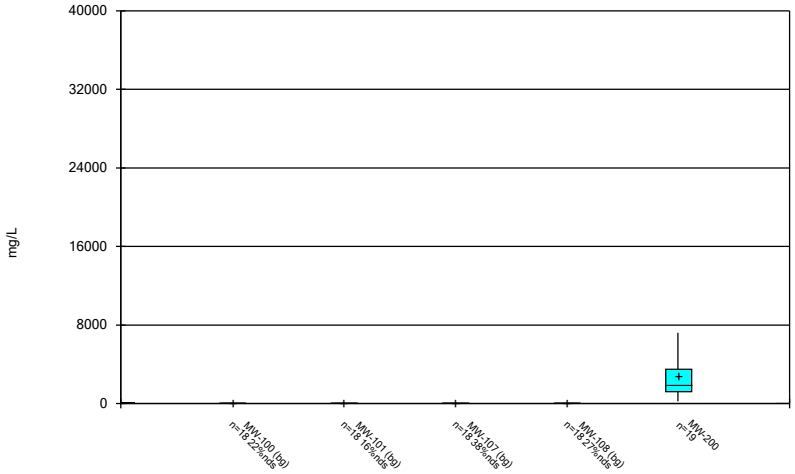
Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

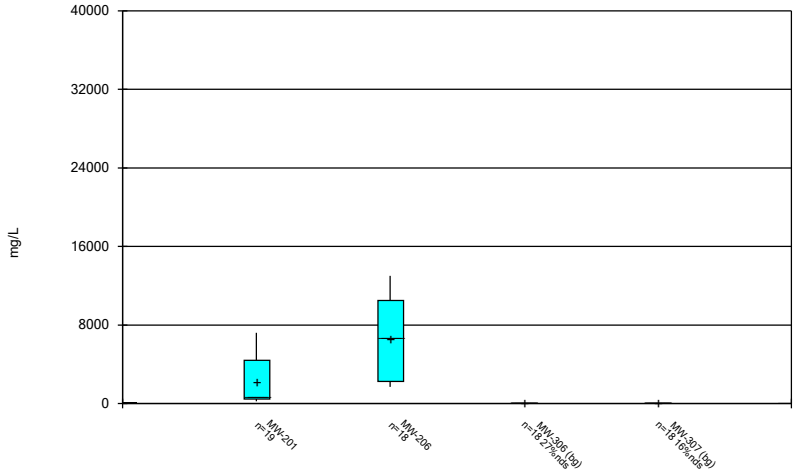
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot

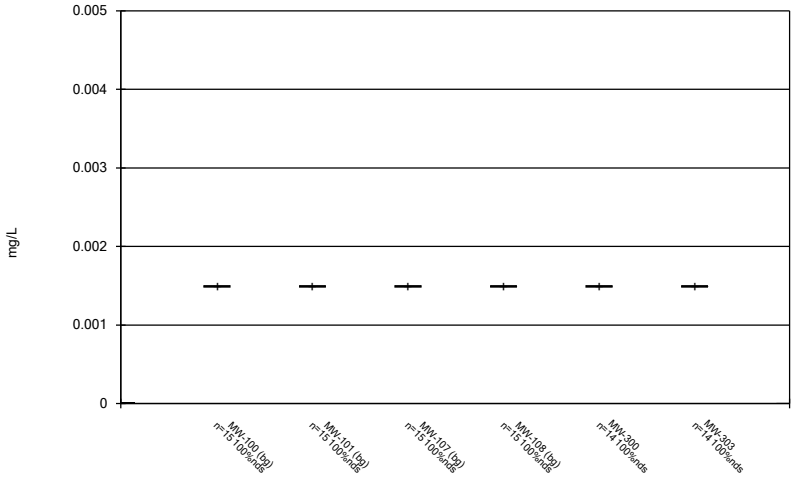


Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

300 Series

Sanitas™ v.9.6.28 . UG

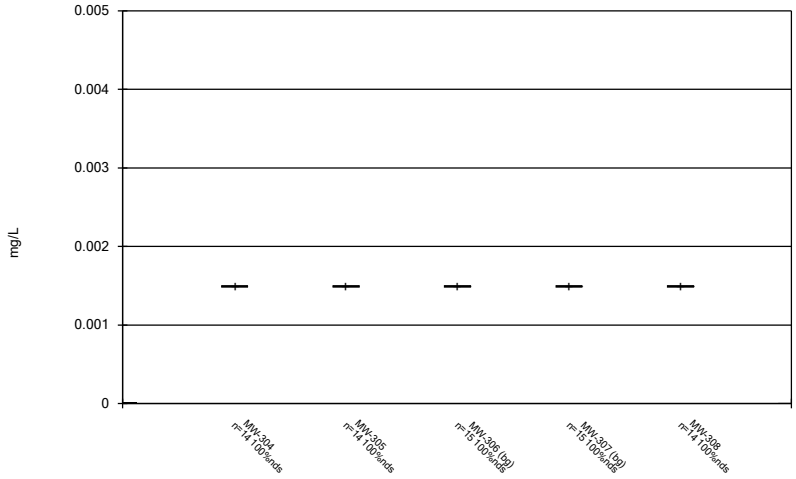
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

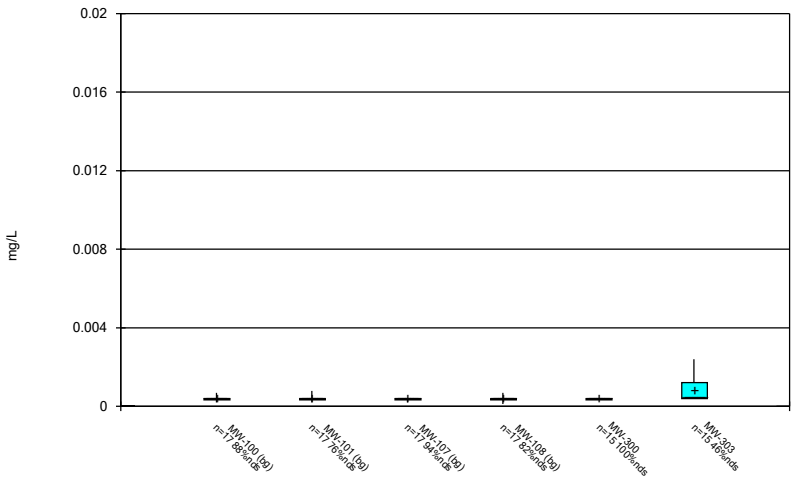
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

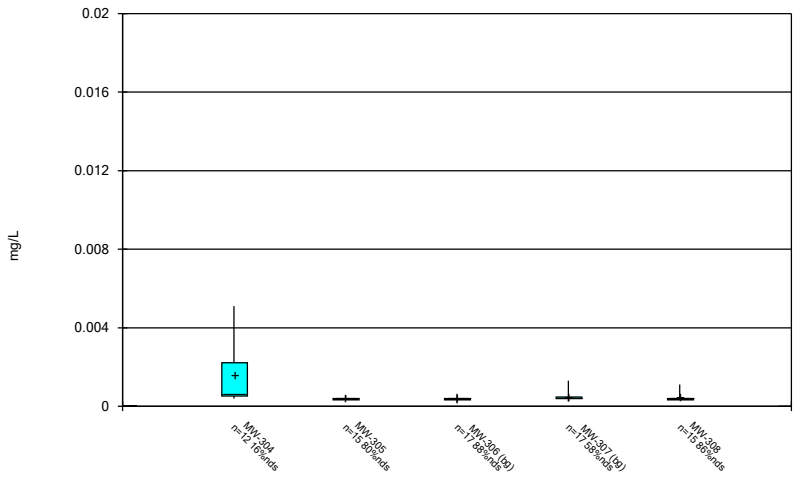
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

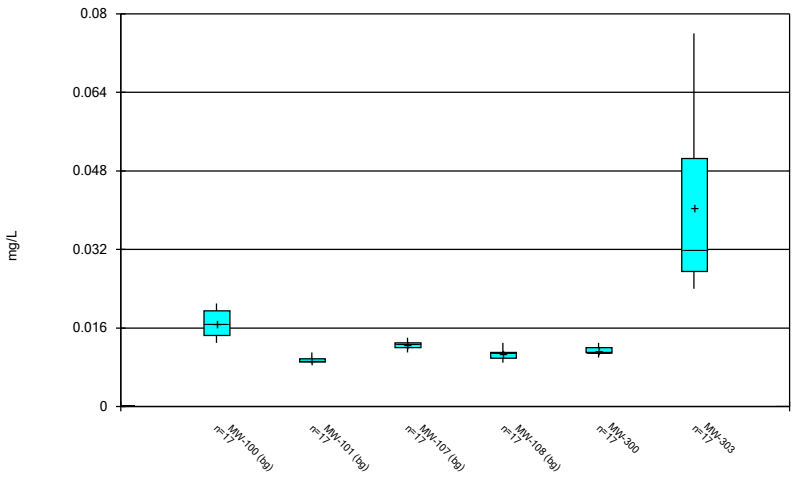
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

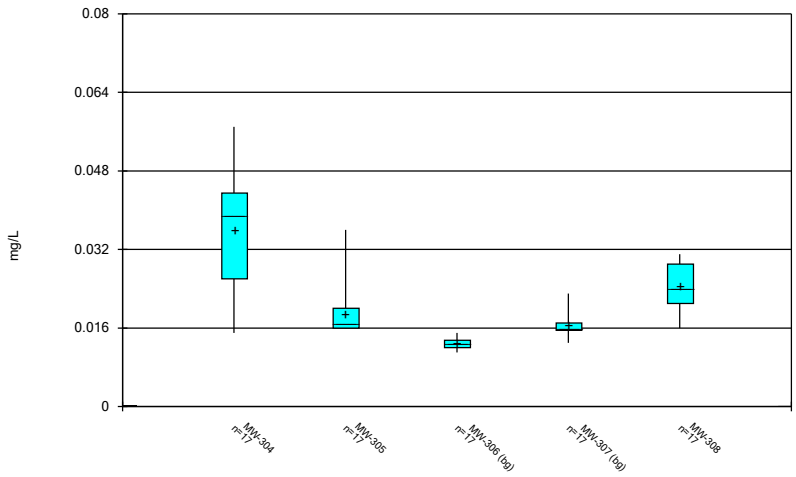
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

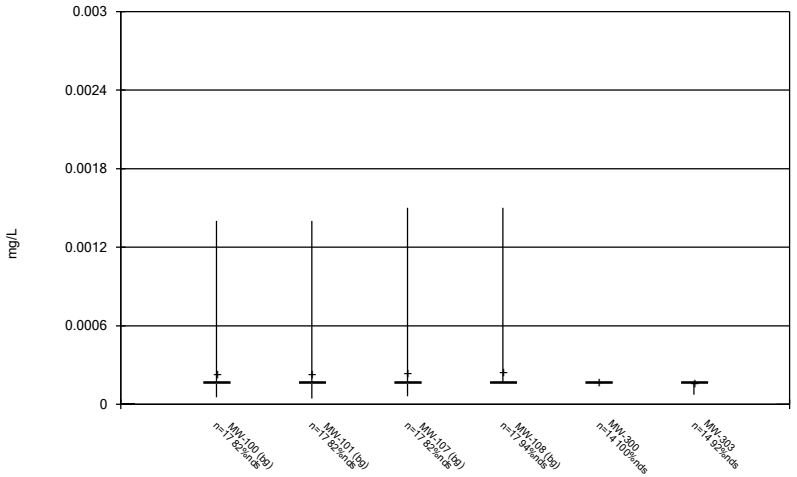
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

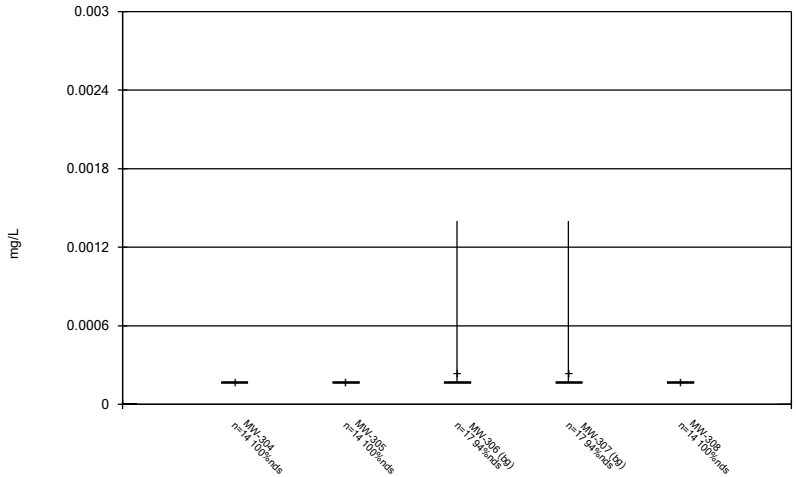
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

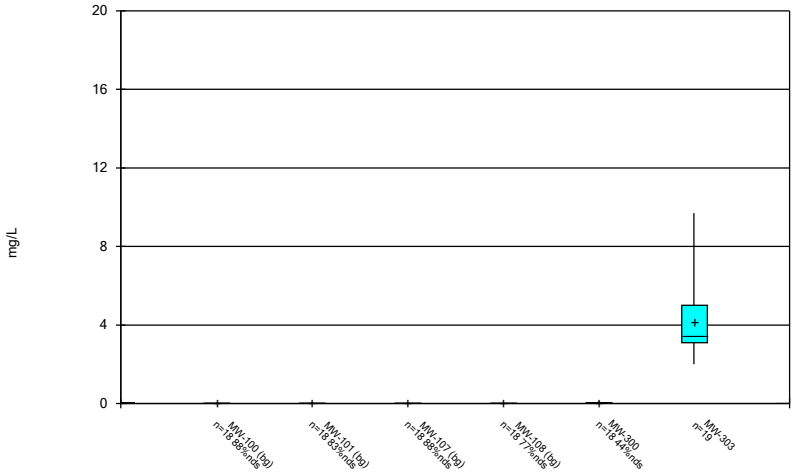
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

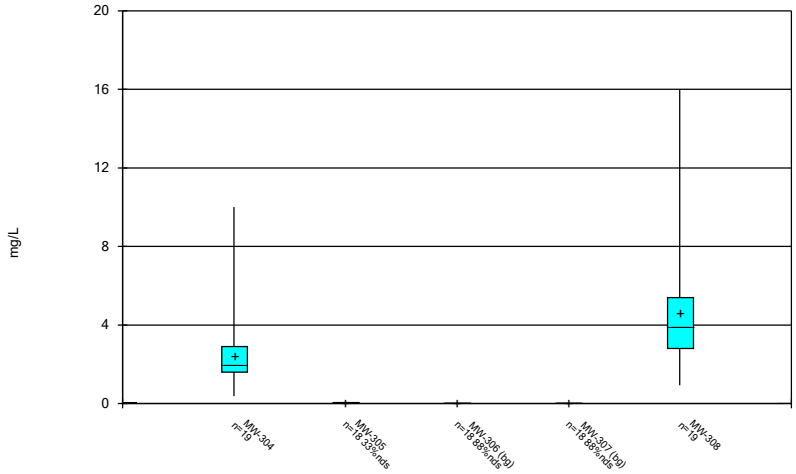
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

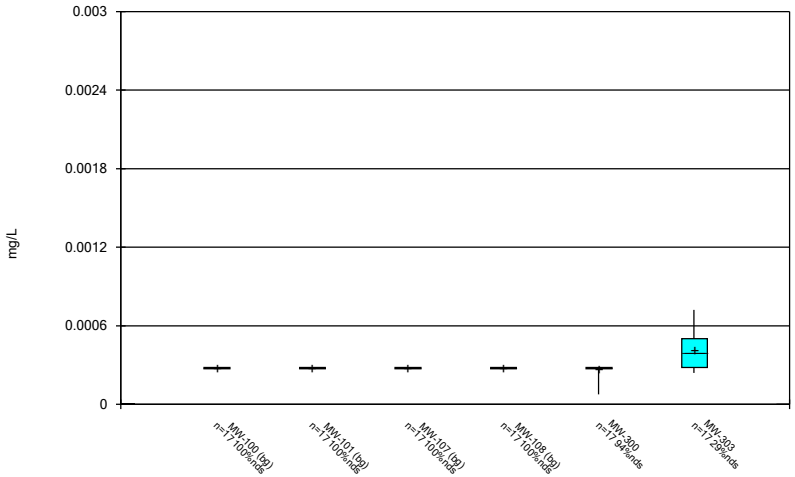
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

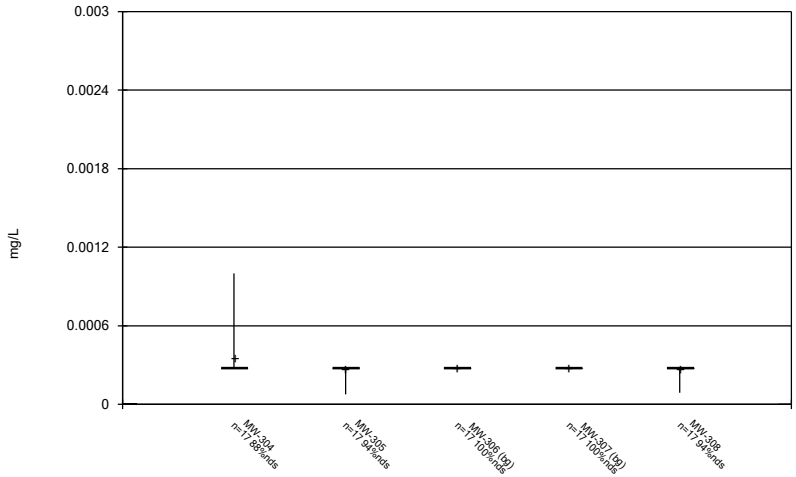
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

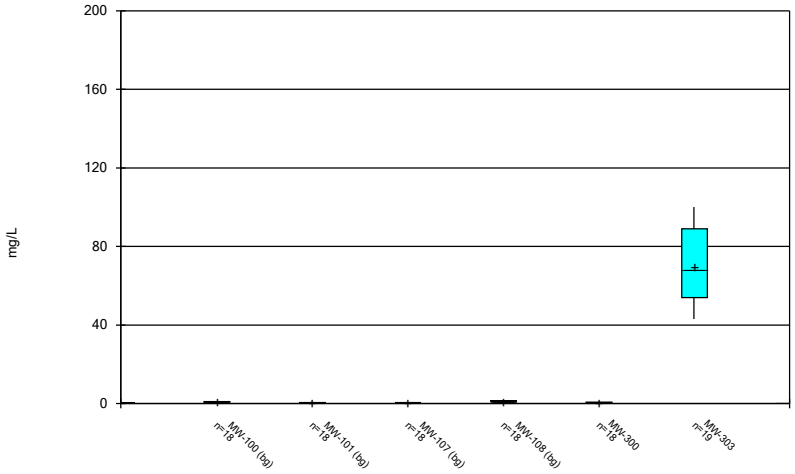
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

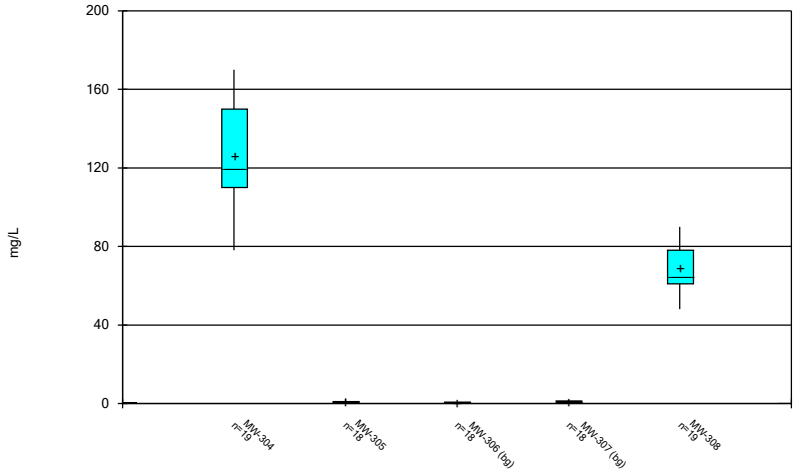
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

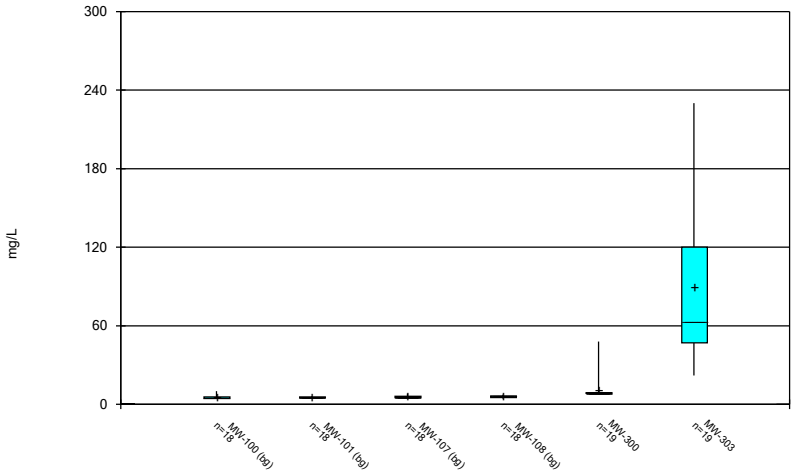
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

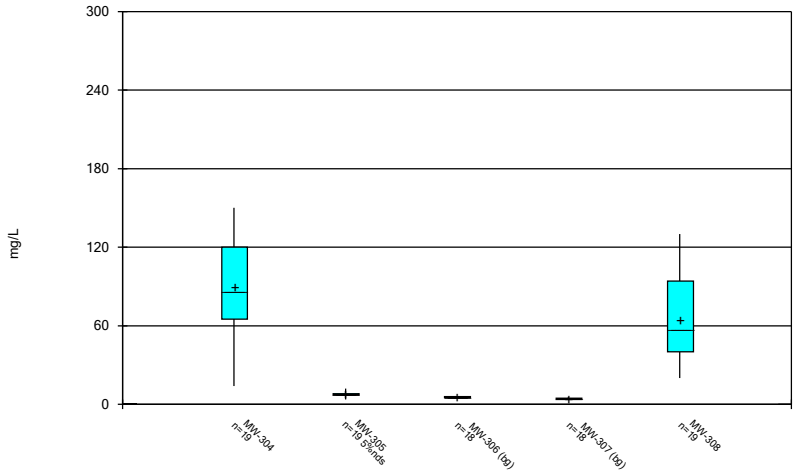
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

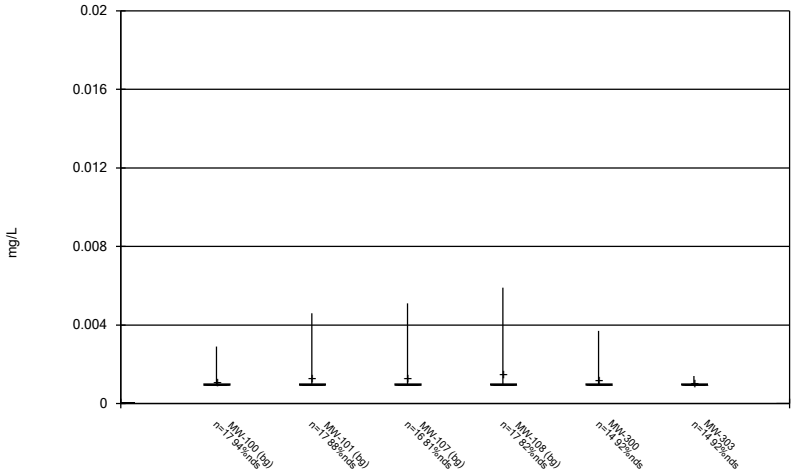
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

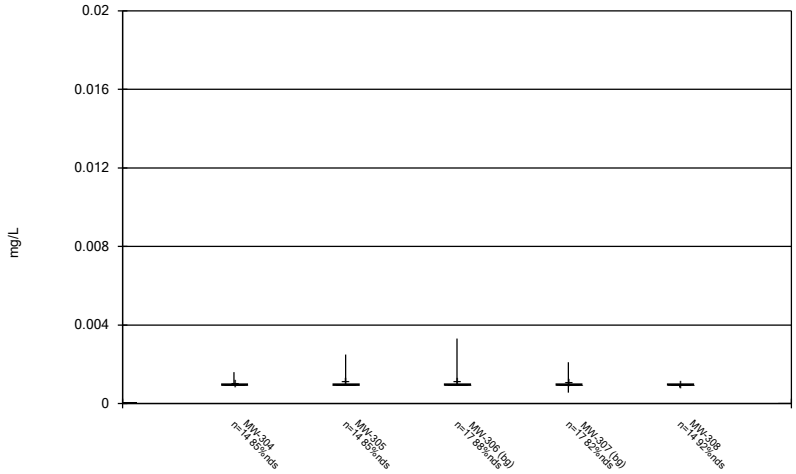
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

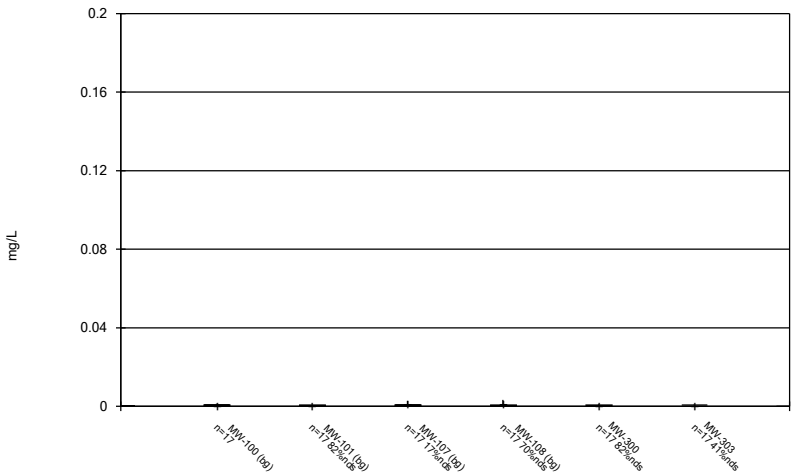
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

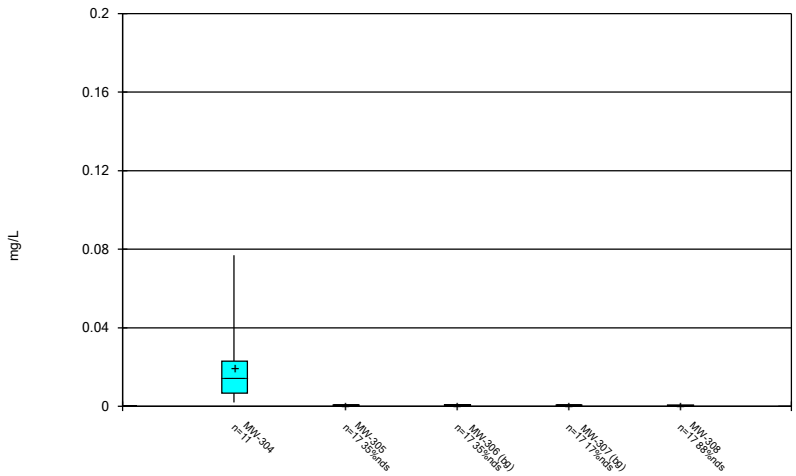
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

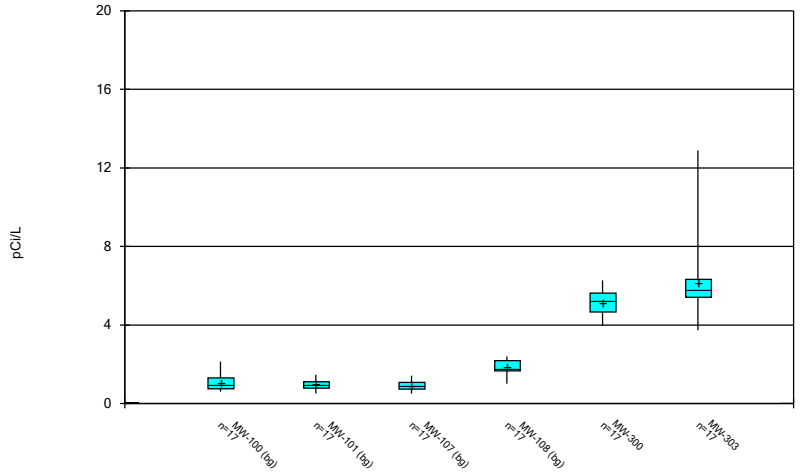
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

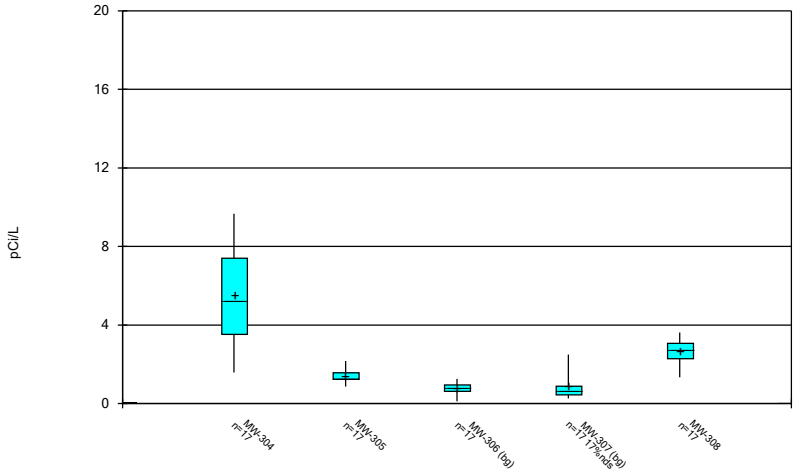
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

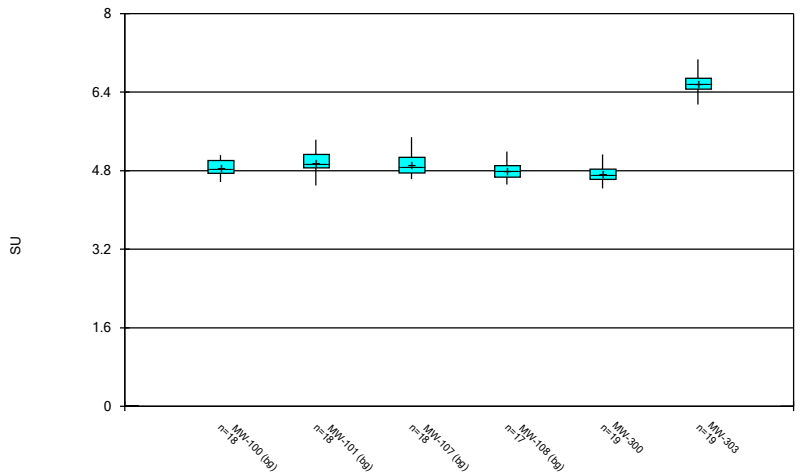
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

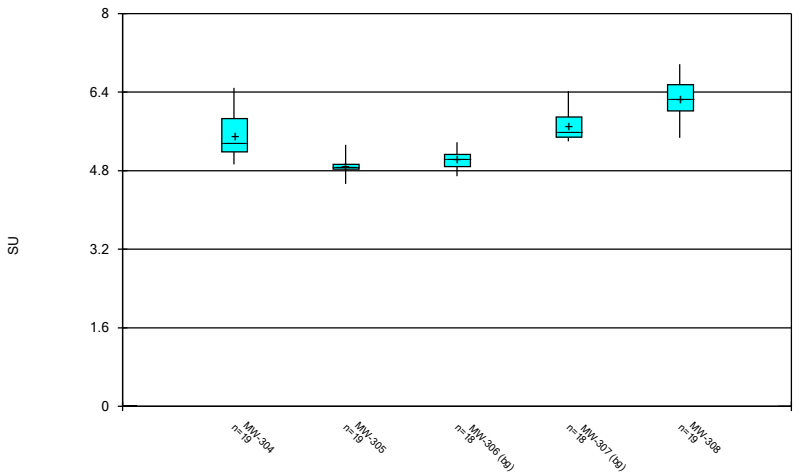
Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

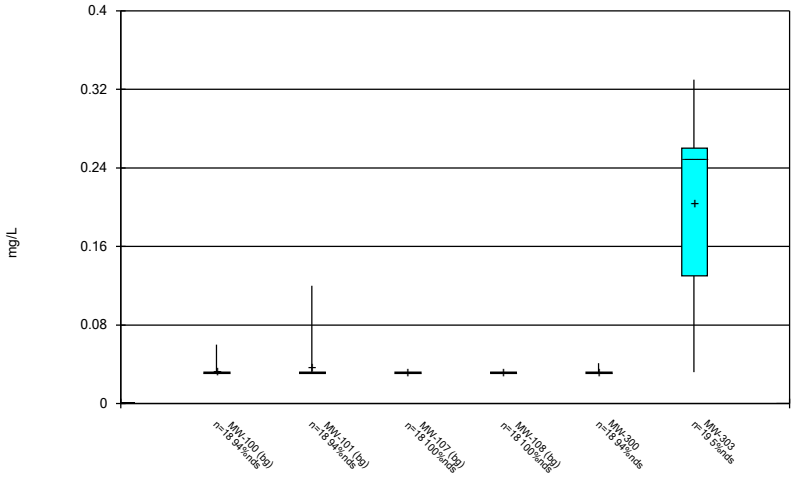
Box & Whiskers Plot



Constituent: Field pH Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

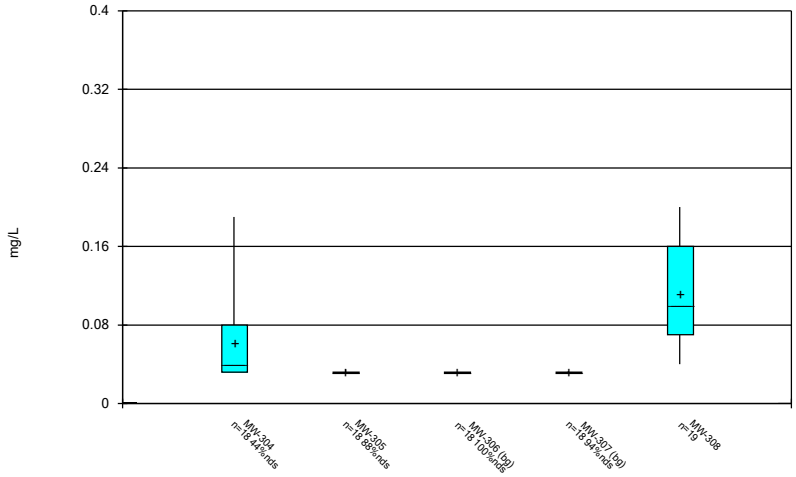
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

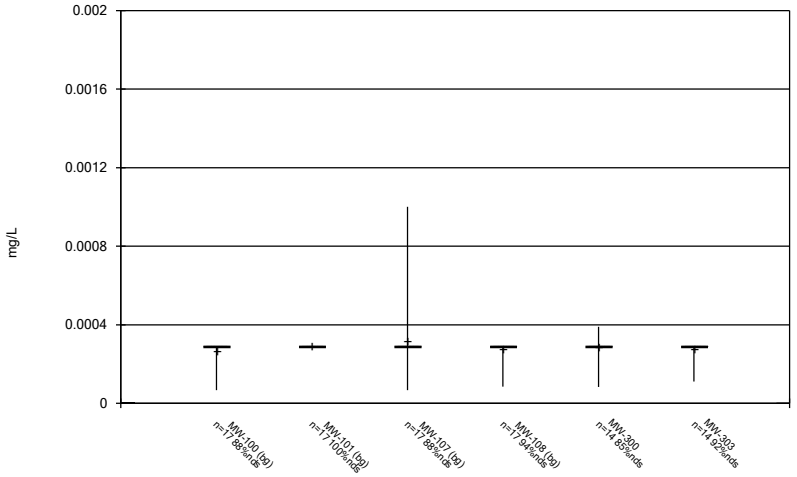
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/11/2021 6:08 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



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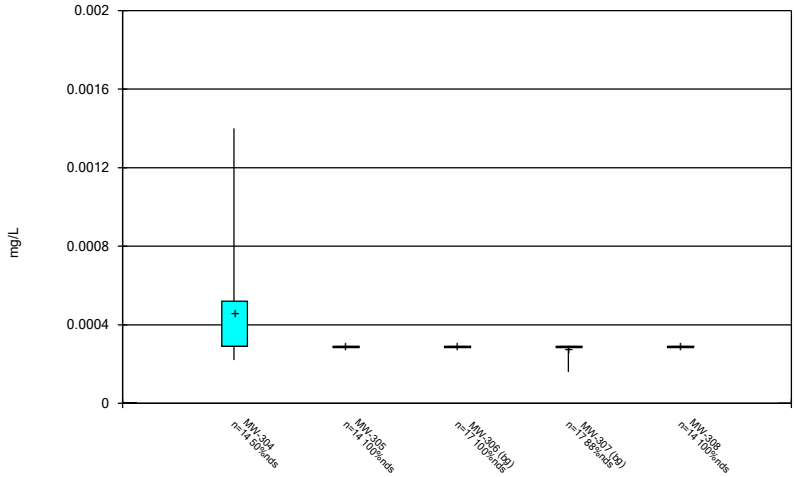
Box & Whiskers Plot



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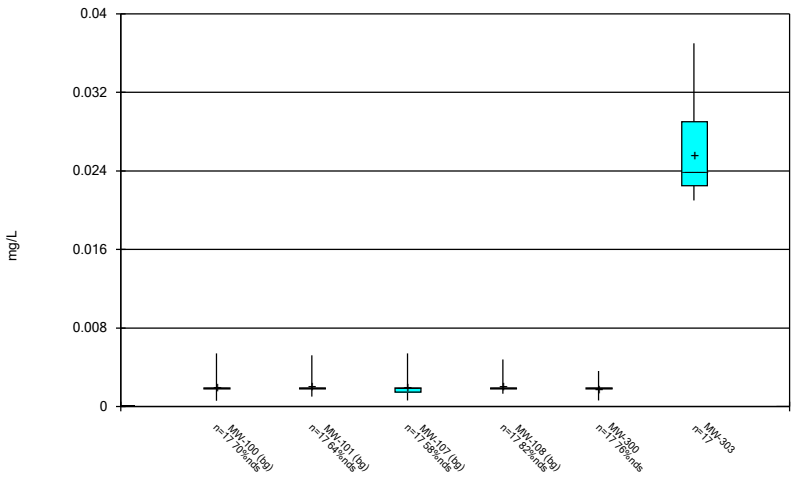
Box & Whiskers Plot



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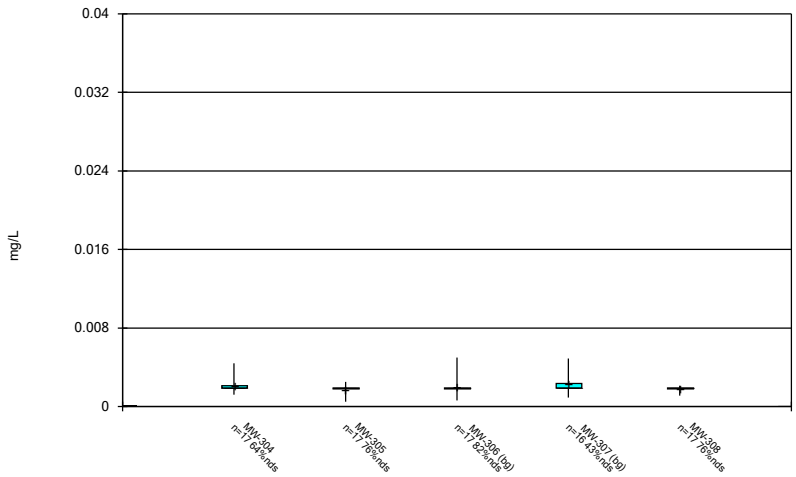
Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



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Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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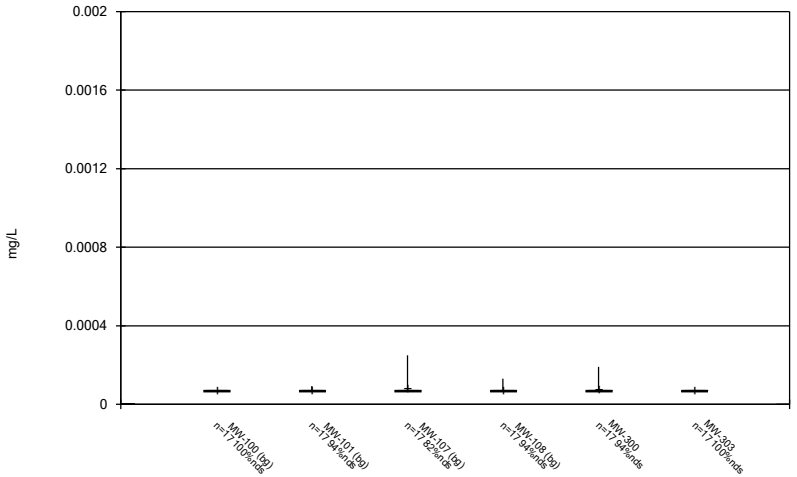
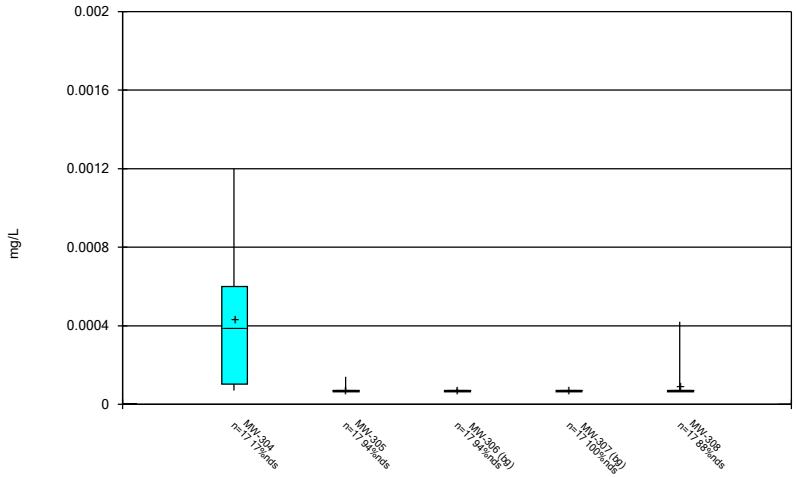
Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



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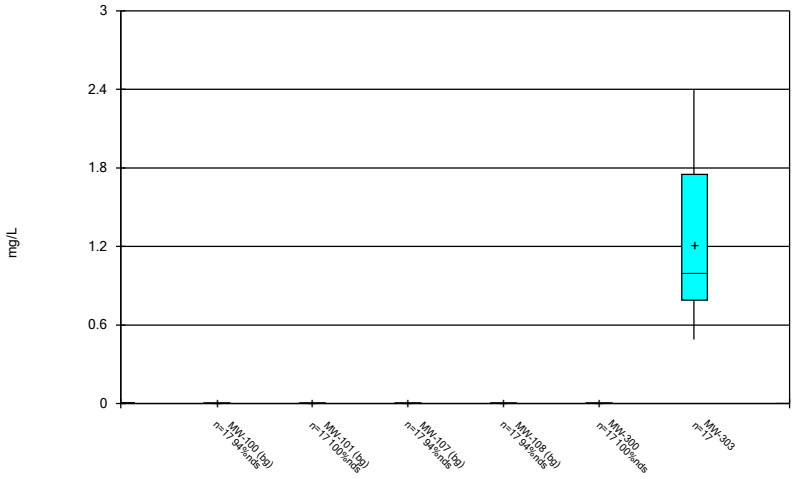
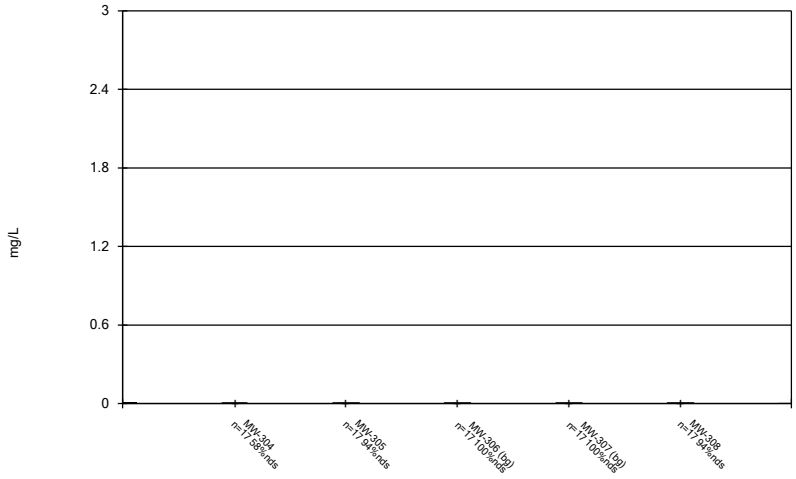


Constituent: Molybdenum Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



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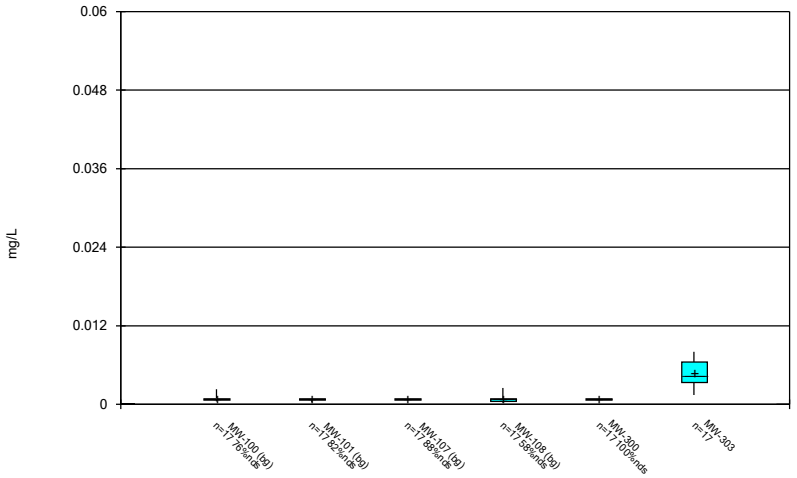
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

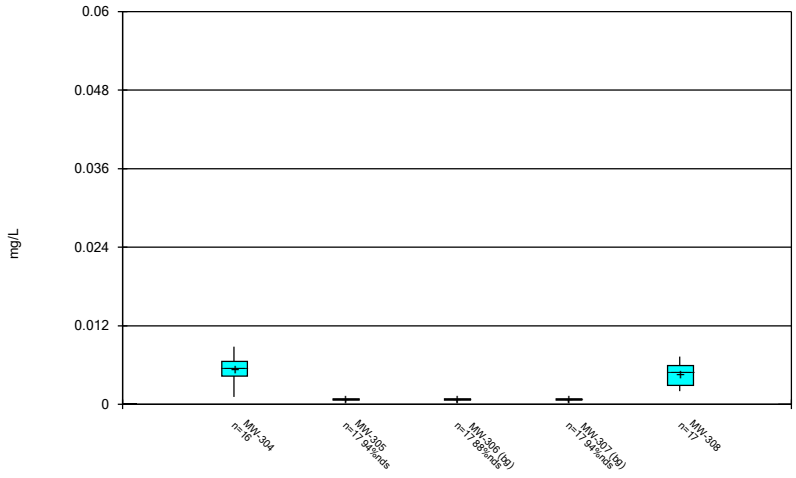
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

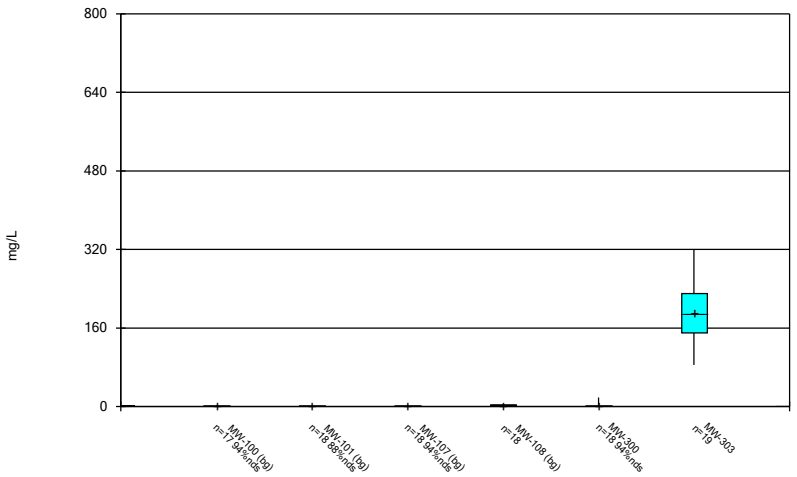
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

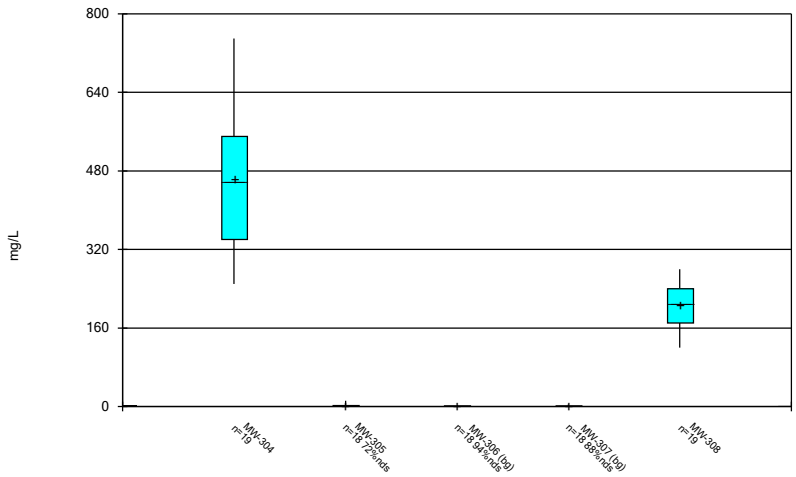
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

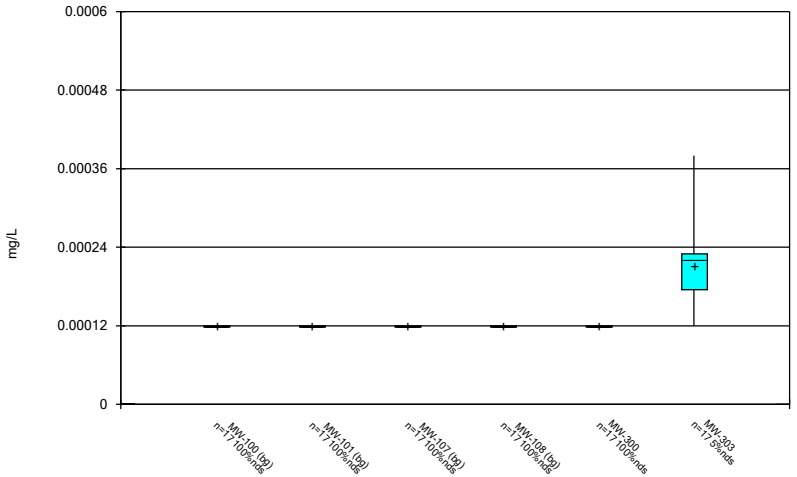
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

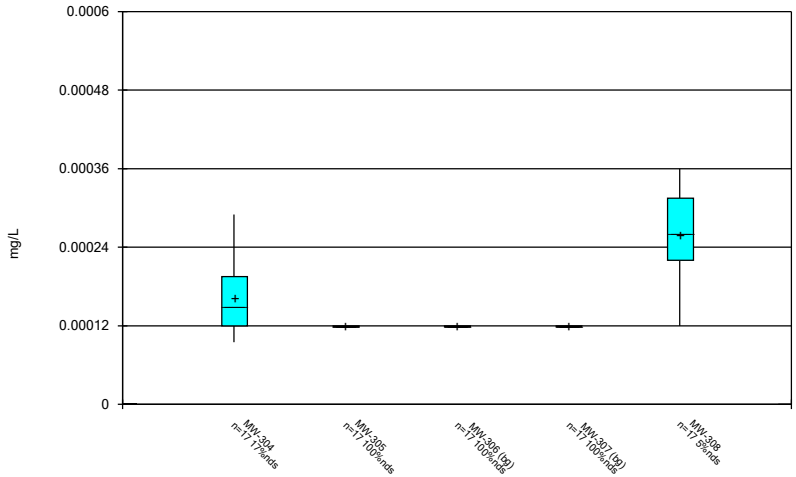
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

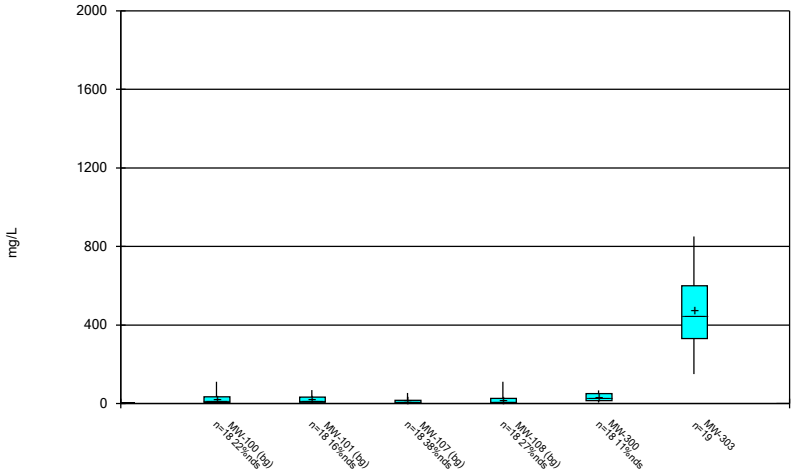
Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

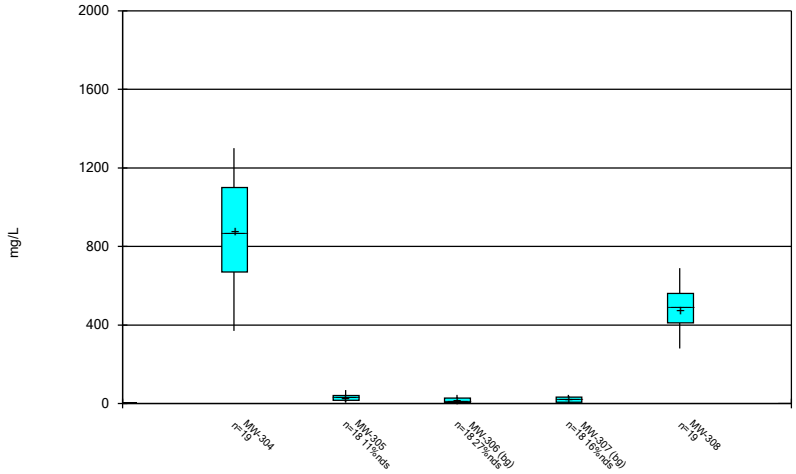
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:09 PM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

APPENDIX C

Statistical Analyses – September 2021
Semi-Annual Monitoring

FALL 2021

GROUNDWATER STATISTICAL ANALYSIS

FOR

GULF CLEAN ENERGY CENTER

Prepared by:

Groundwater Stats Consulting LLC

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GROUNDWATER STATS CONSULTING

December 29, 2021

Geosyntec Consultants
Attn: Mr. Benjamin K. Amos, Ph.D., P.E.
1255 Roberts Boulevard, Suite 200
Kennesaw, GA 30144

Re: Gulf Clean Energy Center
Statistical Analysis – September 2021 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 September 2021 sample event at Gulf Clean Energy Center. 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 Gulf Clean Energy Center 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; therefore, these wells would not identify whether groundwater is affected from practices at the site. As a result, 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, and MW-307
- **Ash Landfill No. 1 (100 Series):** MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, and MW-110
- **Gypsum Storage Area (200 Series):** MW-200, MW-201, and MW-206

- **Ash Landfill No. 2 (300 Series):** MW-300, MW-303, MW-304, MW-305, and MW-308

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of 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 graphs and box plots for Appendix III and IV parameters at the 100, 200, and 300 series wells are provided for these wells for the above 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 well series, the time series and box plots include the upgradient wells 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 summary of the background update that was performed in March 2020, is provided below.

Power curves were provided during the initial 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 enter into the computation of parametric prediction limits whenever a resampling scheme is used. Thus, parametric 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 non-detects, 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. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect 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% non-detects.

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 non-detects. This is done on an individual well basis for intrawell prediction limits and confidence intervals; therefore, 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 the interwell case, prediction limits are updated with upgradient well data following each sampling event after careful screening for any new outliers. In some cases, deselecting the earlier portion of data may be necessary prior to construction of limits so that resulting statistical limits are conservative (lower) from a regulatory perspective and capable of rapidly detecting 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 initially screened for outliers, trends, and appropriate statistical methodology in October of 2017 and data sets were updated in March of 2020. Summaries of those results are presented below.

Summary of October 2017 Background Screening

Outlier Analysis

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.

Seasonality

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.

Trend Test Evaluation

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 at that time.

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 Gulf Clean Energy Center 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

Outlier Analysis

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.

Mann-Whitney Evaluation - Intrawell

For pH, which is analyzed using intrawell prediction limits at each of the 200 and 300 series wells along with all upgradient wells, 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 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 during the March 2020 background update.

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.

Trend Test Evaluation - Interwell

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 – September 2021

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, using background data through March 2019, are used to evaluate the September 2021 sample for 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 as discussed previously. 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 September 2021 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 which is tested using intrawell prediction limits.

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.

Trend Test Evaluation – Appendix III

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. Several statistically increasing and decreasing trends were noted among upgradient and downgradient wells. Complete tabular and graphical results of the trend tests follow this letter.

Evaluation of Appendix IV Parameters – September 2021

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 distinctly 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

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 does combined radium

226 + 228. When data contained greater than 50% non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used.

Groundwater Protection Standards

Interwell upper tolerance 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 standards (GWPS) in the Confidence Interval comparisons, as described below. A table of the GWPS follows this report.

Confidence Intervals

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. As mentioned above, well/constituent pairs containing 100% non-detect values do not require statistical analysis and a list of Appendix IV downgradient wells containing 100% non-detects follows this report. For cobalt in well MW-304, samples prior to June 2018 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:
- Combined Radium 226 + 228: MW-303
- Molybdenum: MW-303

Trend Test Evaluation – Appendix IV

Data at wells with confidence interval exceedances are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable (Figure J). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site for the same constituents. When trends are present in upgradient trends, it is an indication of natural variability in groundwater quality unrelated to practices at the site. A summary of the Appendix IV trend test results follows this letter. No statistically significant increasing or decreasing trends were identified.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Gulf Clean Energy Center. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Abdul Diane
Groundwater Analyst

Andrew Collins
Project Manager

Date Ranges

Date: 12/29/2021 11:51 AM

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Cobalt (mg/L)

MW-304 overall:6/7/2018-9/8/2021

100% Non-Detects - 100 Series

Analysis Run 12/15/2021 6:58 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Antimony (mg/L)
MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110

Arsenic (mg/L)
MW-106

Beryllium (mg/L)
MW-103, MW-105, MW-106

Cadmium (mg/L)
MW-102, MW-103, MW-105, MW-106

Fluoride (mg/L)
MW-102, MW-106

Mercury (mg/L)
MW-105

Molybdenum (mg/L)
MW-102, MW-103, MW-104, MW-106, MW-109, MW-110

Selenium (mg/L)
MW-106

Thallium (mg/L)
MW-106

100% Non-Detects: 200 Series

Analysis Run 12/15/2021 7:27 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Antimony (mg/L)
MW-200

Chromium (mg/L)
MW-200

100% Non-Detects: 300 Series

Analysis Run 12/15/2021 7:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Antimony (mg/L)
MW-300, MW-303, MW-304, MW-305, MW-308

Arsenic (mg/L)
MW-300

Beryllium (mg/L)
MW-300, MW-304, MW-305, MW-308

Lead (mg/L)
MW-305, MW-308

Mercury (mg/L)
MW-303

Molybdenum (mg/L)
MW-300

Selenium (mg/L)
MW-300

Thallium (mg/L)
MW-300, MW-305

Appendix III - Interwell Prediction Limits - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:15 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-103	0.081	n/a	9/7/2021	0.19	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	9/3/2021	8.7	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	9/3/2021	0.2	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	9/3/2021	0.77	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	9/3/2021	3.3	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.517	n/a	9/7/2021	3.5	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.517	n/a	9/3/2021	63	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.517	n/a	9/3/2021	59	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.517	n/a	9/3/2021	8.4	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.517	n/a	9/3/2021	21	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	7.034	n/a	9/7/2021	12	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.034	n/a	9/3/2021	110	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	7.034	n/a	9/3/2021	10	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.034	n/a	9/3/2021	57	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.034	n/a	9/3/2021	100	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	9/3/2021	4.32	Yes	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	9/3/2021	0.41	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	4.7	n/a	9/7/2021	22	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	4.7	n/a	9/3/2021	480	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	4.7	n/a	9/3/2021	9.3	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	4.7	n/a	9/3/2021	32	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	4.7	n/a	9/3/2021	160	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	9/3/2021	1000	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	9/3/2021	210	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	9/3/2021	170	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	9/3/2021	580	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:15 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-102	0.081	n/a	9/7/2021	0.018ND	No	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**9/7/2021**	**0.19**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**9/3/2021**	**8.7**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**9/3/2021**	**0.2**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	9/3/2021	0.021	No	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**9/3/2021**	**0.77**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**9/3/2021**	**3.3**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.517	n/a	9/7/2021	0.39	No	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.517**	**n/a**	**9/7/2021**	**3.5**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.517**	**n/a**	**9/3/2021**	**63**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.517**	**n/a**	**9/3/2021**	**59**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.517	n/a	9/3/2021	0.51	No	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.517**	**n/a**	**9/3/2021**	**8.4**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.517**	**n/a**	**9/3/2021**	**21**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	7.034	n/a	9/7/2021	6.1	No	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**7.034**	**n/a**	**9/7/2021**	**12**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**7.034**	**n/a**	**9/3/2021**	**110**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**7.034**	**n/a**	**9/3/2021**	**10**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	7.034	n/a	9/3/2021	4.4	No	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.034**	**n/a**	**9/3/2021**	**57**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.034**	**n/a**	**9/3/2021**	**100**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	9/7/2021	4.62	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	9/7/2021	5.11	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**9/3/2021**	**4.32**	**Yes**	**113**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003104**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	9/3/2021	6.17	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	9/3/2021	4.85	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	9/3/2021	4.72	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	9/3/2021	6.28	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**9/3/2021**	**0.41**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	9/3/2021	0.07	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	9/3/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	9/3/2021	0.05	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	9/3/2021	0.07	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	4.7	n/a	9/7/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**4.7**	**n/a**	**9/7/2021**	**22**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**4.7**	**n/a**	**9/3/2021**	**480**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**4.7**	**n/a**	**9/3/2021**	**9.3**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	4.7	n/a	9/3/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**4.7**	**n/a**	**9/3/2021**	**32**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**4.7**	**n/a**	**9/3/2021**	**160**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	9/7/2021	10	No	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	9/7/2021	62	No	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**9/3/2021**	**1000**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**9/3/2021**	**210**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	9/3/2021	2.5ND	No	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-109**	**110**	**n/a**	**9/3/2021**	**170**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**9/3/2021**	**580**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**

Appendix III - Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:24 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-200**	**0.081**	**n/a**	**9/8/2021**	**2.1**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/8/2021**	**3.8**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/8/2021**	**13**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.393**	**n/a**	**9/8/2021**	**74**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.393**	**n/a**	**9/8/2021**	**72**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.393**	**n/a**	**9/8/2021**	**200**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.829**	**n/a**	**9/8/2021**	**100**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.829**	**n/a**	**9/8/2021**	**130**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.829**	**n/a**	**9/8/2021**	**440**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**9/8/2021**	**0.36**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-200**	**4.7**	**n/a**	**9/8/2021**	**60**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4.7**	**n/a**	**9/8/2021**	**110**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4.7**	**n/a**	**9/8/2021**	**140**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/8/2021**	**480**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/8/2021**	**550**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/8/2021**	**1700**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**

Appendix III - Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:24 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-200**	**0.081**	**n/a**	**9/8/2021**	**2.1**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/8/2021**	**3.8**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/8/2021**	**13**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.393**	**n/a**	**9/8/2021**	**74**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.393**	**n/a**	**9/8/2021**	**72**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.393**	**n/a**	**9/8/2021**	**200**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.829**	**n/a**	**9/8/2021**	**100**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.829**	**n/a**	**9/8/2021**	**130**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.829**	**n/a**	**9/8/2021**	**440**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	9/8/2021	0.049	No	114	n/a	n/a	93.86	n/a	n/a	0.0001528	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**9/8/2021**	**0.36**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	9/8/2021	0.048	No	114	n/a	n/a	93.86	n/a	n/a	0.0001528	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**4.7**	**n/a**	**9/8/2021**	**60**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4.7**	**n/a**	**9/8/2021**	**110**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4.7**	**n/a**	**9/8/2021**	**140**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/8/2021**	**480**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/8/2021**	**550**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/8/2021**	**1700**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**

Appendix III - Intrawell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:50 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-206**	**4.64**	**3.998**	**9/8/2021**	**4.77**	**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

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:50 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	5.257	4.453	9/2/2021	4.81	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	9/2/2021	5.07	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	9/2/2021	4.87	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	9/2/2021	4.77	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	9/8/2021	5.21	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	9/8/2021	4.63	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**	**9/8/2021**	**4.77**	**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	9/2/2021	4.94	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	9/2/2021	5.16	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

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:11 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	9/7/2021	3.1	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	9/7/2021	1.4	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	9/7/2021	1.7	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.471	n/a	9/7/2021	56	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.471	n/a	9/7/2021	190	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.471	n/a	9/7/2021	66	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	6.96	n/a	9/7/2021	8.3	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	6.96	n/a	9/7/2021	46	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	6.96	n/a	9/7/2021	25	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	6.96	n/a	9/7/2021	7	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	6.96	n/a	9/7/2021	88	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	9/7/2021	0.24	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-304	0.12	n/a	9/7/2021	0.7	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	9/7/2021	0.17	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	4.7	n/a	9/7/2021	120	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	4.7	n/a	9/7/2021	530	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	4.7	n/a	9/7/2021	140	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	9/7/2021	360	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	9/7/2021	1000	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	9/7/2021	450	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:11 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	9/7/2021	0.022	No	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**9/7/2021**	**3.1**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**9/7/2021**	**1.4**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	9/7/2021	0.018ND	No	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**9/7/2021**	**1.7**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.471	n/a	9/7/2021	0.46	No	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.471**	**n/a**	**9/7/2021**	**56**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.471**	**n/a**	**9/7/2021**	**190**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-305	1.471	n/a	9/7/2021	0.53	No	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-308**	**1.471**	**n/a**	**9/7/2021**	**66**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.96**	**n/a**	**9/7/2021**	**8.3**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.96**	**n/a**	**9/7/2021**	**46**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.96**	**n/a**	**9/7/2021**	**25**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.96**	**n/a**	**9/7/2021**	**7**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.96**	**n/a**	**9/7/2021**	**88**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**9/7/2021**	**0.24**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**MW-304**	**0.12**	**n/a**	**9/7/2021**	**0.7**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-305	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**9/7/2021**	**0.17**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	4.7	n/a	9/7/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**4.7**	**n/a**	**9/7/2021**	**120**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001555**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**4.7**	**n/a**	**9/7/2021**	**530**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001555**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-305	4.7	n/a	9/7/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**4.7**	**n/a**	**9/7/2021**	**140**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001555**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	9/7/2021	54	No	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**9/7/2021**	**360**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001526**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**9/7/2021**	**1000**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001526**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	9/7/2021	24	No	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**9/7/2021**	**450**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001526**	**NP Inter (normality) 1 of 2**

Appendix III - Intrawell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:16 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	9/2/2021	4.81	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	9/2/2021	5.07	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	9/2/2021	4.87	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	9/2/2021	4.77	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	9/7/2021	4.52	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	9/7/2021	6.56	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	9/7/2021	5.1	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	9/7/2021	4.68	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	9/2/2021	4.94	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	9/2/2021	5.16	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	9/7/2021	6.13	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

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 6:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06814**	**92**	**74**	**Yes**	**19**	**21.05**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.511**	**118**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**1.897**	**123**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.283**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - 100 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 6:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	19	74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-17	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02395	-45	-81	No	20	15	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0	11	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	2.2e-9	1	81	No	20	10	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-23	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	9	74	No	19	73.68	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06814**	**92**	**74**	**Yes**	**19**	**21.05**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.2149	52	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.005298	-17	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-103	-0.196	-80	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-104	3.337	80	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	0.6698	16	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01798	-46	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07115	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-109**	**0.511**	**118**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	0.8461	25	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.003315	12	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1603	58	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**1.897**	**123**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	-1.266	-5	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	-1.171	-20	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1014	-43	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.283**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	2.629	13	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.215	74	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02151	-25	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01106	-10	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.02001	32	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.01639	-8	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.02366	-23	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-33	-74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	17	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.01303	-27	-81	No	20	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	1	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	9	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.551	-57	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	27.68	23	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	-0.3512	-11	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-109	0.2481	8	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	8.782	48	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-2	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-15	-74	No	19	89.47	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.563	56	74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9518	19	74	No	19	15.79	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	0	-4	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	0	-1	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9071	29	74	No	19	36.84	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.6222	31	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-109	6.246	56	74	No	19	5.263	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	28.44	42	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.481	49	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-6	-74	No	19	21.05	n/a	n/a	0.01	NP

Appendix III - Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:15 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-6.774**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-5.856**	**-128**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-17.9**	**-162**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-163.2**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-151.6**	**-134**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-520.7**	**-178**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-297.6**	**-130**	**-81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-314.7**	**-106**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1067**	**-157**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-206**	**0.1014**	**90**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-68.94**	**-125**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-86.08**	**-143**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-116.1**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-948.8**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-873.6**	**-115**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2435**	**-136**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:15 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	19	74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-17	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-23	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	9	74	No	19	73.68	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-6.774**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-5.856**	**-128**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-17.9**	**-162**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.005298	-17	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01798	-46	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07115	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-200**	**-163.2**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-151.6**	**-134**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-520.7**	**-178**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.003315	12	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1603	58	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1014	-43	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-297.6**	**-130**	**-81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-314.7**	**-106**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1067**	**-157**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.215	74	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02151	-25	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01106	-10	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.01639	-8	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-206**	**0.1014**	**90**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-306 (bg)	-0.02366	-23	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-33	-74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	17	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.04202	-35	-81	No	20	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	1	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	9	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-68.94**	**-125**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-86.08**	**-143**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-116.1**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	-2	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-15	-74	No	19	89.47	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.563	56	74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9518	19	74	No	19	15.79	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9071	29	74	No	19	36.84	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.6222	31	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-948.8**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-873.6**	**-115**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2435**	**-136**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.481	49	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-6	-74	No	19	21.05	n/a	n/a	0.01	NP

Appendix III - Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:29 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-303**	**0.03808**	**87**	**81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.0231**	**106**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-25.03**	**-116**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:29 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	19	74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-17	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-23	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	9	74	No	19	73.68	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.04267	10	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2747	47	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.4949	-56	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.005298	-17	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01798	-46	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07115	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-303	4.14	50	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	0	5	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.003315	12	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-2.717	-48	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1603	58	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1014	-43	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-300	0	10	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	2.611	22	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-7.639	-37	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.06068	17	81	No	20	5	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.215	74	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	5.918	25	81	No	20	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-33	-74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	17	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-303**	**0.03808**	**87**	**81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-304	0	-27	-74	No	19	42.11	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	1	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.0231**	**106**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	9	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-303	1.174	8	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-5.065	-5	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-2	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-15	-74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-25.03**	**-116**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.563	56	74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9518	19	74	No	19	15.79	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9071	29	74	No	19	36.84	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.6222	31	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	18.28	21	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-19.41	-10	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.481	49	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-6	-74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-24.42	-48	-81	No	20	0	n/a	n/a	0.01	NP

Appendix IV - Upper Tolerance Limits Summary Table

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 6:29 AM

Constituent	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	0.0015	n/a	n/a	n/a	n/a	96	100	n/a	0.007269	NP Inter(NDs)
Arsenic (mg/L)	0.0013	n/a	n/a	n/a	n/a	108	81.48	n/a	0.003928	NP Inter(NDs)
Barium (mg/L)	0.023	n/a	n/a	n/a	n/a	108	0	n/a	0.003928	NP Inter(normality)
Beryllium (mg/L)	0.0015	n/a	n/a	n/a	n/a	108	88.89	n/a	0.003928	NP Inter(NDs)
Cadmium (mg/L)	0.00028	n/a	n/a	n/a	n/a	108	100	n/a	0.003928	NP Inter(NDs)
Chromium (mg/L)	0.0059	n/a	n/a	n/a	n/a	107	85.98	n/a	0.004135	NP Inter(NDs)
Cobalt (mg/L)	0.0032	n/a	n/a	n/a	n/a	108	38.89	n/a	0.003928	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	2.325	n/a	n/a	n/a	n/a	108	2.778	x^(1/3)	0.05	Inter
Fluoride (mg/L)	0.12	n/a	n/a	n/a	n/a	114	93.86	n/a	0.002887	NP Inter(NDs)
Lead (mg/L)	0.001	n/a	n/a	n/a	n/a	108	93.52	n/a	0.003928	NP Inter(NDs)
Lithium (mg/L)	0.0054	n/a	n/a	n/a	n/a	107	69.16	n/a	0.004135	NP Inter(normality)
Mercury (mg/L)	0.00025	n/a	n/a	n/a	n/a	108	94.44	n/a	0.003928	NP Inter(NDs)
Molybdenum (mg/L)	0.0045	n/a	n/a	n/a	n/a	108	97.22	n/a	0.003928	NP Inter(NDs)
Selenium (mg/L)	0.0025	n/a	n/a	n/a	n/a	108	82.41	n/a	0.003928	NP Inter(NDs)
Thallium (mg/L)	0.00015	n/a	n/a	n/a	n/a	108	99.07	n/a	0.003928	NP Inter(NDs)

GULF CLEAN ENERGY CENTER GWPS				
Constituent Name	**MCL**	**CCR Rule-Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0015	0.006
Arsenic, Total (mg/L)	0.01		0.0013	0.01
Barium, Total (mg/L)	2		0.023	2
Beryllium, Total (mg/L)	0.004		0.0015	0.004
Cadmium, Total (mg/L)	0.005		0.0028	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		2.33	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	0.0054	0.04
Mercury, Total (mg/L)	0.002		0.00025	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.0045	0.1
Selenium, Total (mg/L)	0.05		0.0025	0.05
Thallium, Total (mg/L)	0.002		0.00015	0.002

MCL = Maximum Contaminant Level

GWPS = Groundwater Protection Standard

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02078**	**0.01466**	**0.006**	**Yes**	**18**	**0.005062**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.31**	**13.24**	**5**	**Yes**	**18**	**4.189**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.104**	**5.466**	**5**	**Yes**	**18**	**1.354**	**0**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.00585**	**0.003476**	**0.002**	**Yes**	**18**	**0.001962**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0005	0.00039	0.01	No	18	0.00002593	94.44	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	18	0.0004081	83.33	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.006841	0.002425	0.01	No	18	0.00365	5.556	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0047	0.0036	0.01	No	18	0.001684	0	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.00048	0.00025	0.01	No	18	0.0001728	83.33	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	18	0.0001246	55.56	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.011	0.0085	2	No	18	0.001401	0	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.05888	0.04046	2	No	18	0.01522	0	No	0.01	Param.
Barium (mg/L)	MW-104	0.02508	0.02015	2	No	18	0.004075	0	No	0.01	Param.
Barium (mg/L)	MW-105	0.04663	0.03537	2	No	18	0.009299	0	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0096	2	No	18	0.001908	0	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02339	0.01849	2	No	18	0.004235	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-110	0.04536	0.03419	2	No	18	0.009233	0	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.00017	0.00011	0.004	No	18	0.00001414	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001152	0.0007673	0.004	No	18	0.0003176	0	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.00017	0.000044	0.004	No	18	0.0000297	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.00017	0.00013	0.004	No	18	0.00002185	88.89	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00056	0.00028	0.005	No	18	0.000149	44.44	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.00028	0.000078	0.005	No	18	0.00004761	94.44	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.00032	0.00011	0.005	No	18	0.0000417	88.89	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0012	0.00037	0.1	No	18	0.0004584	83.33	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	18	0.002076	72.22	No	0.01	NP (normality)
Chromium (mg/L)	MW-104	0.002197	0.001261	0.1	No	18	0.0006302	22.22	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002544	0.001856	0.1	No	18	0.0005678	5.556	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0019	0.001	0.1	No	18	0.0002121	94.44	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.016	0.001	0.1	No	18	0.003536	94.44	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0016	0.00042	0.1	No	18	0.0002471	83.33	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.00056	0.00023	0.006	No	18	0.0001186	88.89	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.00064	0.00044	0.006	No	18	0.0001737	66.67	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02078**	**0.01466**	**0.006**	**Yes**	**18**	**0.005062**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.00087	0.00037	0.006	No	18	0.00008792	88.89	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.00059	0.00044	0.006	No	18	0.0001433	33.33	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.006914	0.003456	0.006	No	18	0.003128	0	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-110	0.01212	0.005463	0.006	No	18	0.006471	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-102	1.748	1.217	5	No	18	0.5103	0	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.743	4.877	5	No	18	1.542	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.31**	**13.24**	**5**	**Yes**	**18**	**4.189**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.244	2.638	5	No	18	1.327	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.296	0.7576	5	No	18	0.4895	5.556	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	3.029	1.666	5	No	18	1.126	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.104**	**5.466**	**5**	**Yes**	**18**	**1.354**	**0**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.037	0.032	4	No	19	0.04767	89.47	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3582	0.2548	4	No	20	0.09103	0	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.04	0.032	4	No	19	0.008965	63.16	No	0.01	NP (normality)
Fluoride (mg/L)	MW-109	0.05	0.032	4	No	19	0.004129	94.74	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.04	0.032	4	No	19	0.008888	57.89	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.00029	0.00018	0.015	No	18	0.0000426	88.89	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00029	0.00011	0.015	No	18	0.00004243	94.44	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002363	0.001859	0.015	No	18	0.0004171	0	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	18	0.0001538	88.89	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00029	0.015	No	18	0.00002357	94.44	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	18	0.0002422	77.78	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00029	0.015	No	18	0.00003146	72.22	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.0019	0.0014	0.04	No	18	0.0002942	83.33	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.0017	0.04	No	18	0.0006073	44.44	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.0331	0.02006	0.04	No	18	0.01163	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.0019	0.00039	0.04	No	18	0.0003559	94.44	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0035	0.0012	0.04	No	18	0.001453	66.67	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006581	0.005187	0.04	No	18	0.001215	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.012	0.0073	0.04	No	18	0.01964	0	No	0.01	NP (normality)
Mercury (mg/L)	MW-102	0.00015	0.000094	0.002	No	18	0.00001811	88.89	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00016	0.00012	0.002	No	18	0.0001113	83.33	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001263	0.000701	0.002	No	18	0.0005162	0	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-106	0.00015	0.00008	0.002	No	18	0.0000165	94.44	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	18	0.0007945	66.67	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.00585**	**0.003476**	**0.002**	**Yes**	**18**	**0.001962**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-105	0.005457	0.003616	0.1	No	18	0.001657	5.556	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-102	0.001	0.00029	0.05	No	18	0.0002267	77.78	No	0.01	NP (NDs)

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Selenium (mg/L)	MW-103	0.002788	0.001859	0.05	No	18	0.0007681	5.556	No	0.01	Param.
Selenium (mg/L)	MW-104	0.0112	0.005299	0.05	No	18	0.005383	0	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-105	0.00082	0.0004	0.05	No	18	0.0002217	61.11	No	0.01	NP (normality)
Selenium (mg/L)	MW-109	0.00082	0.00024	0.05	No	18	0.0001941	88.89	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003715	0.003196	0.05	No	18	0.0004287	0	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.00012	0.002	No	18	0.00002121	94.44	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.00015	0.000026	0.002	No	18	0.00002365	88.89	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003399	0.0002456	0.002	No	18	0.0000779	0	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00012	0.00012	0.002	No	18	0.00002828	88.89	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.00012	0.00012	0.002	No	18	7.1e-13	94.44	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002931	0.0002347	0.002	No	18	0.00004828	0	No	0.01	Param.

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.23**	**7.145**	**5**	**Yes**	**18**	**6.977**	**0**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**18**	**7.74**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.04**	**5**	**Yes**	**18**	**12.25**	**0**	**No**	**0.01**	**NP (normality)**

Confidence Interval Summary Table - 200 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0015	0.001	0.006	No	16	0.0001708	87.5	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0015	0.0011	0.006	No	16	0.0001	93.75	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.0038	0.00044	0.01	No	18	0.001793	22.22	No	0.01	NP (normality)
Arsenic (mg/L)	MW-201	0.0043	0.00039	0.01	No	18	0.003171	44.44	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.008613	0.002021	0.01	No	18	0.0064	5.556	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.0612	0.03503	2	No	18	0.02162	0	No	0.01	Param.
Barium (mg/L)	MW-201	0.06571	0.03774	2	No	18	0.02312	0	No	0.01	Param.
Barium (mg/L)	MW-206	0.1031	0.05792	2	No	18	0.03733	0	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	18	0.0005517	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	18	0.0005511	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.00042	0.000041	0.004	No	18	0.000129	77.78	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	17	0.0008407	70.59	No	0.01	NP (normality)
Cadmium (mg/L)	MW-201	0.014	0.0015	0.005	No	18	0.005571	5.556	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0027	0.00055	0.005	No	18	0.001093	5.556	No	0.01	NP (normality)
Chromium (mg/L)	MW-201	0.0011	0.001	0.1	No	15	0.0003173	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.001	0.1	No	15	0.0004131	93.33	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0019	0.0011	0.006	No	18	0.0006257	22.22	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-201	0.002742	0.001369	0.006	No	18	0.001303	5.556	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004447	0.002194	0.006	No	18	0.001862	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.23**	**7.145**	**5**	**Yes**	**18**	**6.977**	**0**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**18**	**7.74**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.04**	**5**	**Yes**	**18**	**12.25**	**0**	**No**	**0.01**	**NP (normality)**
Fluoride (mg/L)	MW-200	0.088	0.05	4	No	19	0.05762	21.05	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7266	0.4774	4	No	20	0.2194	0	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08083	0.05187	4	No	20	0.0255	5	No	0.01	Param.
Lead (mg/L)	MW-200	0.001216	0.000438	0.015	No	18	0.0005563	16.67	No	0.01	Param.
Lead (mg/L)	MW-201	0.0005	0.00029	0.015	No	18	0.0001285	61.11	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.0092	0.00085	0.015	No	18	0.00411	0	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.0024	0.0012	0.04	No	18	0.00192	77.78	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0069	0.0026	0.04	No	18	0.007443	11.11	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.0029	0.0014	0.04	No	18	0.0003197	83.33	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002103	0.0008524	0.002	No	18	0.001033	5.556	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00026	0.002	No	18	0.001058	5.556	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.00064	0.000075	0.002	No	18	0.0002882	33.33	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-200	0.0078	0.0045	0.1	No	16	0.000825	93.75	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.0045	0.0015	0.1	No	16	0.00075	93.75	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.0045	0.00092	0.1	No	16	0.000895	93.75	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01057	0.004607	0.05	No	18	0.005709	0	ln(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01041	0.003919	0.05	No	18	0.005653	0	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-206	0.0179	0.01149	0.05	No	18	0.005301	0	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0004	0.00006	0.002	No	18	0.0001638	33.33	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.000394	0.0001871	0.002	No	18	0.000171	5.556	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0007049	0.0003	0.002	No	18	0.0003246	5.556	sqrt(x)	0.01	Param.

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**18**	**1.966**	**0**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**MW-303**	**1.476**	**0.7791**	**0.1**	**Yes**	**18**	**0.6125**	**0**	**sqrt(x)**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0015	0.00039	0.01	No	16	0.0006147	50	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.005	0.00039	0.01	No	13	0.001778	23.08	No	0.01	NP (normality)
Arsenic (mg/L)	MW-305	0.00042	0.00039	0.01	No	16	0.00004884	81.25	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00039	0.01	No	16	0.0001772	87.5	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	18	0.000767	0	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04672	0.02977	2	No	18	0.0165	0	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04332	0.02901	2	No	18	0.01183	0	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	18	0.005015	0	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02775	0.02192	2	No	18	0.004817	0	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.00017	0.000074	0.004	No	15	0.00002479	93.33	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.00028	0.000075	0.005	No	18	0.00004832	94.44	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.00051	0.00028	0.005	No	18	0.0001483	33.33	No	0.01	NP (Cohens/xfrm)
Cadmium (mg/L)	MW-304	0.00073	0.00028	0.005	No	18	0.0009282	83.33	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.00028	0.000076	0.005	No	18	0.00004808	94.44	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.00028	0.000089	0.005	No	18	0.00004502	94.44	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0012	0.001	0.1	No	15	0.0006954	86.67	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0012	0.001	0.1	No	15	0.0001121	86.67	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0012	0.001	0.1	No	15	0.0004051	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0012	0.001	0.1	No	15	0.0004051	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.0022	0.00082	0.1	No	15	0.0003166	86.67	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00024	0.006	No	18	0.0001422	83.33	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006448	0.0005274	0.006	No	18	0.00009708	44.44	No	0.01	Param.
Cobalt (mg/L)	MW-304	0.06218	0.004789	0.006	No	9	0.0953	0	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	18	0.0001503	38.89	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00063	0.00056	0.006	No	18	0.0000165	88.89	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.507	4.761	5	No	18	0.6161	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**18**	**1.966**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	MW-304	7.074	4.083	5	No	18	2.472	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.601	1.233	5	No	18	0.304	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.003	2.259	5	No	18	0.6148	0	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.041	0.032	4	No	19	0.002065	94.74	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.251	0.1622	4	No	20	0.07812	5	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.032	4	No	19	0.1532	42.11	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	0.035	0.032	4	No	19	0.0006882	89.47	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1425	0.08647	4	No	20	0.04936	0	No	0.01	Param.
Lead (mg/L)	MW-300	0.00039	0.000083	0.015	No	15	0.000061	86.67	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.00029	0.00011	0.015	No	15	0.00004648	93.33	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.00056	0.00022	0.015	No	15	0.0003098	53.33	No	0.01	NP (normality)
Lithium (mg/L)	MW-300	0.0036	0.0014	0.04	No	18	0.0006094	77.78	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02747	0.02296	0.04	No	18	0.00406	0	ln(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.0027	0.0012	0.04	No	18	0.001913	61.11	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.0025	0.0014	0.04	No	18	0.0004912	77.78	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.0021	0.0013	0.04	No	18	0.0002928	77.78	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.00019	0.00015	0.002	No	18	0.000009428	94.44	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00065	0.00015	0.002	No	18	0.0003297	22.22	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.00015	0.00014	0.002	No	18	0.000002357	94.44	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.00042	0.000087	0.002	No	18	0.00006619	88.89	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.476**	**0.7791**	**0.1**	**Yes**	**18**	**0.6125**	**0**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0056	0.0033	0.1	No	18	0.00104	61.11	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.0045	0.0016	0.1	No	18	0.0006835	94.44	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.0045	0.00098	0.1	No	18	0.0008297	94.44	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.005894	0.003572	0.05	No	18	0.001919	0	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006557	0.004208	0.05	No	17	0.001874	0	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00082	0.00027	0.05	No	18	0.0001296	94.44	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005602	0.00361	0.05	No	18	0.001646	0	No	0.01	Param.
Thallium (mg/L)	MW-303	0.0002433	0.0001656	0.002	No	18	0.00006419	5.556	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0001929	0.0001181	0.002	No	18	0.00006573	16.67	No	0.01	Param.
Thallium (mg/L)	MW-308	0.0002932	0.0002035	0.002	No	18	0.00007414	5.556	No	0.01	Param.

Appendix IV - Trend Test Summary - 100 Series Wells - All Results (No Significant)

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 4:41 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	MW-100 (bg)	0.00002984	11	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-101 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-104	0.001406	11	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-107 (bg)	8.2e-12	6	21	No	8	50	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-108 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-306 (bg)	0	0	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-307 (bg)	0.00007956	9	21	No	8	25	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-100 (bg)	0.1612	2	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-101 (bg)	0.00207	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-104	1.087	10	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-107 (bg)	0.02022	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-108 (bg)	-0.03999	-7	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-110	-0.3759	-6	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-306 (bg)	0.01153	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-307 (bg)	0.02133	4	21	No	8	0	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-100 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-101 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-107 (bg)	0	3	21	No	8	87.5	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-108 (bg)	0	-3	-21	No	8	87.5	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-110	0.000584	3	21	No	8	0	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-306 (bg)	0	-3	-21	No	8	87.5	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-307 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP

Appendix IV - Trend Test Summary - 200 Series Wells - All Results (No Significant)

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 4:55 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	MW-100 (bg)	0.1612	2	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-101 (bg)	0.00207	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-107 (bg)	0.02022	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-108 (bg)	-0.03999	-7	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-200	-2.05	-16	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-201	0.8575	14	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-206	-0.7981	-10	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-306 (bg)	0.01153	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-307 (bg)	0.02133	4	21	No	8	0	n/a	n/a	0.01	NP

Appendix IV - Trend Test Summary - 300 Series Wells - All Results (No Significant)

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 5:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	MW-100 (bg)	0.00002984	11	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-101 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-107 (bg)	8.2e-12	6	21	No	8	50	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-108 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-304	0.0001631	0	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-306 (bg)	0	0	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-307 (bg)	0.00007956	9	21	No	8	25	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-100 (bg)	0.1612	2	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-101 (bg)	0.00207	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-107 (bg)	0.02022	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-108 (bg)	-0.03999	-7	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-303	0.4088	7	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-306 (bg)	0.01153	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-307 (bg)	0.02133	4	21	No	8	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-100 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-101 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-107 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-108 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-303	-0.1802	-20	-21	No	8	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-306 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-307 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP

Outlier Summary - 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 6:16 AM

	MW-107 Chromium (mg/L)	MW-108 Field pH (SU)	MW-307 Lithium (mg/L)	MW-100 Sulfate (mg/L)
5/2/2016				15 (o)
7/5/2016		7.11 (o)		
11/7/2016			0.0097 (o)	
1/9/2017	0.017 (o)			

Outlier Summary - 200 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 7:14 AM

	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-100 Sulfate (mg/L)	MW-206 Total Dissolved Solids (mg/L)
3/2/2016	0.022 (o)						32000 (o)
5/2/2016						15 (o)	
7/5/2016		360 (o)		7.11 (o)			
11/7/2016					0.0097 (o)		
1/9/2017			0.017 (o)				

Outlier Summary - 300 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 7:40 AM

	MW-304 Arsenic (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)
3/3/2016	0.009 (o)					
5/2/2016						15 (o)
5/4/2016	0.019 (o)					
7/5/2016			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)	

Prediction Limits - 100, 200 & 300 Series

100 Series

Appendix III - Interwell Prediction Limits - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:15 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-103	0.081	n/a	9/7/2021	0.19	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	9/3/2021	8.7	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	9/3/2021	0.2	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	9/3/2021	0.77	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	9/3/2021	3.3	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-103	1.517	n/a	9/7/2021	3.5	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.517	n/a	9/3/2021	63	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.517	n/a	9/3/2021	59	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.517	n/a	9/3/2021	8.4	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.517	n/a	9/3/2021	21	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	7.034	n/a	9/7/2021	12	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.034	n/a	9/3/2021	110	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	7.034	n/a	9/3/2021	10	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.034	n/a	9/3/2021	57	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.034	n/a	9/3/2021	100	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	9/3/2021	4.32	Yes	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	9/3/2021	0.41	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	4.7	n/a	9/7/2021	22	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	4.7	n/a	9/3/2021	480	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	4.7	n/a	9/3/2021	9.3	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	4.7	n/a	9/3/2021	32	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	4.7	n/a	9/3/2021	160	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	9/3/2021	1000	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	9/3/2021	210	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	9/3/2021	170	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	9/3/2021	580	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:15 AM

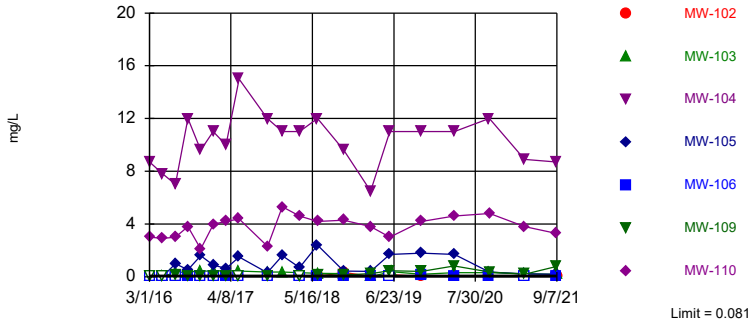
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	9/7/2021	0.018ND	No	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**9/7/2021**	**0.19**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**9/3/2021**	**8.7**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**9/3/2021**	**0.2**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	9/3/2021	0.021	No	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**9/3/2021**	**0.77**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**9/3/2021**	**3.3**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-102	1.517	n/a	9/7/2021	0.39	No	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-103**	**1.517**	**n/a**	**9/7/2021**	**3.5**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.517**	**n/a**	**9/3/2021**	**63**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.517**	**n/a**	**9/3/2021**	**59**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.517	n/a	9/3/2021	0.51	No	114	-0.3715	0.4208	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.517**	**n/a**	**9/3/2021**	**8.4**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.517**	**n/a**	**9/3/2021**	**21**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	7.034	n/a	9/7/2021	6.1	No	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**7.034**	**n/a**	**9/7/2021**	**12**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**7.034**	**n/a**	**9/3/2021**	**110**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**7.034**	**n/a**	**9/3/2021**	**10**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	7.034	n/a	9/3/2021	4.4	No	114	2.293	0.1916	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.034**	**n/a**	**9/3/2021**	**57**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.034**	**n/a**	**9/3/2021**	**100**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	9/7/2021	4.62	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	9/7/2021	5.11	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**9/3/2021**	**4.32**	**Yes**	**113**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003104**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-105	6.42	4.5	9/3/2021	6.17	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-106	6.42	4.5	9/3/2021	4.85	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	9/3/2021	4.72	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	9/3/2021	6.28	No	113	n/a	n/a	0	n/a	n/a	0.0003104	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**9/3/2021**	**0.41**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001523**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	9/3/2021	0.07	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	9/3/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	9/3/2021	0.05	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	9/3/2021	0.07	No	114	n/a	n/a	93.86	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	4.7	n/a	9/7/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**4.7**	**n/a**	**9/7/2021**	**22**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**4.7**	**n/a**	**9/3/2021**	**480**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**4.7**	**n/a**	**9/3/2021**	**9.3**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	4.7	n/a	9/3/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001552	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**4.7**	**n/a**	**9/3/2021**	**32**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**4.7**	**n/a**	**9/3/2021**	**160**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001552**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	9/7/2021	10	No	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	9/7/2021	62	No	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**9/3/2021**	**1000**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**9/3/2021**	**210**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	9/3/2021	2.5ND	No	114	n/a	n/a	24.56	n/a	n/a	0.0001523	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-109**	**110**	**n/a**	**9/3/2021**	**170**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**9/3/2021**	**580**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001523**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.32 . 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 114 background values. 84.21% NDs. Annual per-constituent alpha = 0.00213. Individual comparison alpha = 0.0001523 (1 of 2). Comparing 7 points to limit.

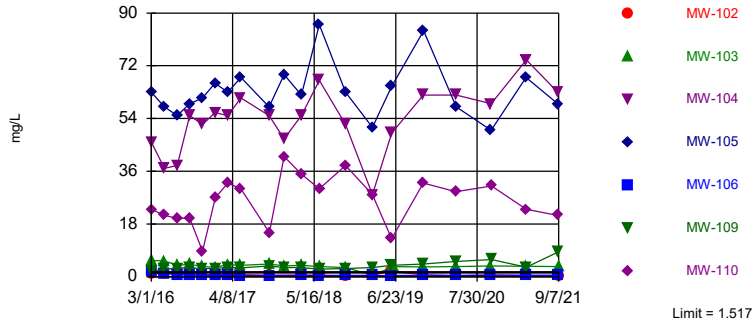
Constituent: Boron Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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=-0.3715, Std. Dev.=0.4208, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 13.02, critical = 14.07. Kappa = 1.873 (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.

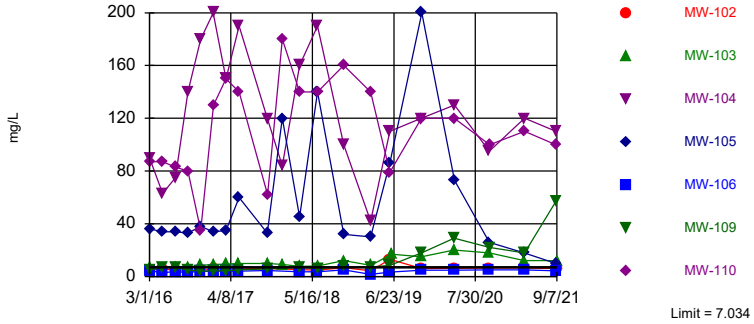
Constituent: Calcium Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=2.293, Std. Dev.=0.1916, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 10.74, critical = 14.07. Kappa = 1.873 (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.

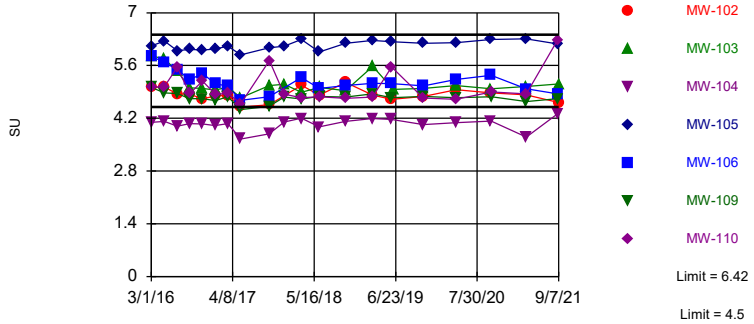
Constituent: Chloride Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 113 background values. Annual per-constituent alpha = 0.004341. Individual comparison alpha = 0.0003104 (1 of 2). Comparing 7 points to limit.

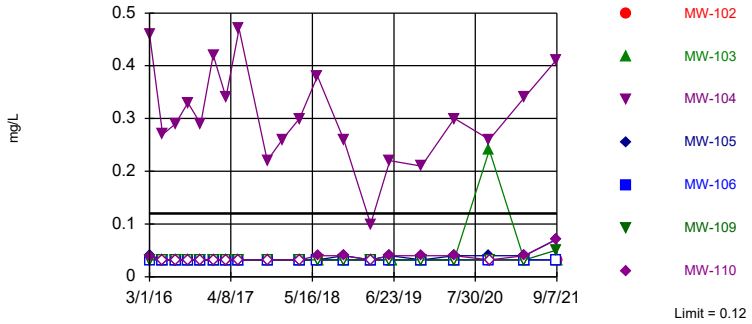
Constituent: Field pH Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 114 background values. 93.86% NDs. Annual per-constituent alpha = 0.00213. Individual comparison alpha = 0.0001523 (1 of 2). Comparing 7 points to limit.

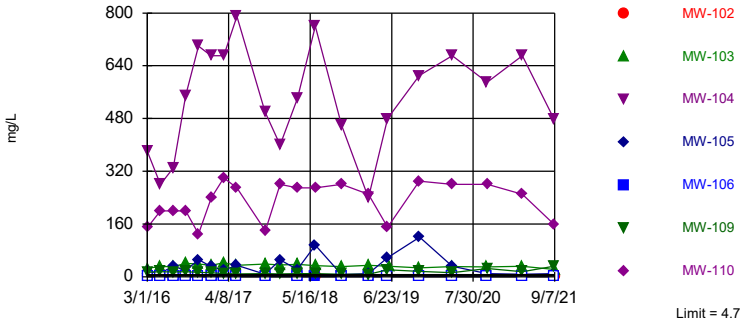
Constituent: Fluoride Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 113 background values. 76.99% NDs. Annual per-constituent alpha = 0.002171. Individual comparison alpha = 0.0001552 (1 of 2). Comparing 7 points to limit.

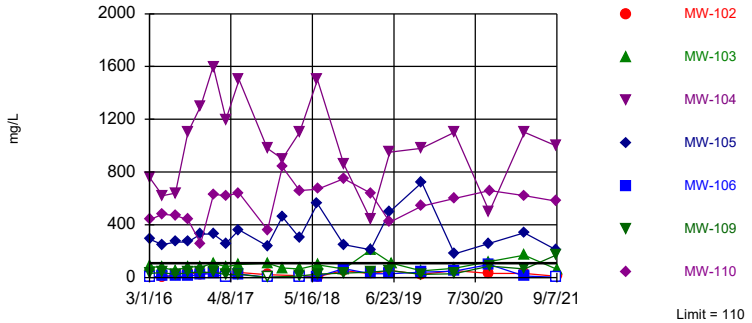
Constituent: Sulfate Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-104, MW-105, MW-109, 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 114 background values. 24.56% NDs. Annual per-constituent alpha = 0.00213. Individual comparison alpha = 0.0001523 (1 of 2). Comparing 7 points to limit.

Constituent: Total Dissolved Solids Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.018	<0.018	<0.018	<0.018					
3/1/2016					<0.018 (*)	8.7	<0.018 (*)	<0.018	<0.018
3/2/2016									
5/2/2016	<0.018	<0.018	<0.018						
5/3/2016									<0.018
5/4/2016				<0.018					
5/5/2016					<0.018 (*)	7.8	<0.018 (*)	<0.018	
7/5/2016	<0.018	<0.018	<0.018						<0.018
7/7/2016					1	7	0.33	<0.018	
7/8/2016				<0.018					
9/6/2016	<0.018	<0.018	<0.018	<0.018				<0.018	<0.018
9/7/2016					0.53	12	0.37		
11/7/2016	<0.018	<0.018	<0.018						<0.018
11/9/2016					1.6	9.6			
11/10/2016				<0.018			0.43	<0.018	
1/9/2017	<0.018	<0.018	<0.018						<0.018
1/11/2017				<0.018	0.9	11			
1/12/2017							0.44	<0.018	
3/13/2017	<0.018	<0.018	0.022 (J)						<0.018
3/14/2017				<0.018	0.63	10			
3/15/2017							0.46	<0.018	
5/15/2017	<0.018	<0.018	<0.018						<0.018
5/18/2017				<0.018	1.5	15	0.44	<0.018	
10/2/2017	<0.018	<0.018	0.023 (J)						<0.018
10/5/2017				<0.018	0.32	12			
10/6/2017							0.37	<0.018	
12/19/2017					1.6 (R)	11 (R)	0.35 (R)		
3/12/2018	<0.018	<0.018	<0.018						<0.018
3/14/2018				<0.018	0.7	11	0.32	<0.018	
6/5/2018	<0.018	<0.018	<0.018						
6/6/2018									<0.018
6/10/2018				<0.018	2.4	12			
6/11/2018							0.26	<0.018	
10/16/2018	<0.018	<0.018	<0.018						
10/17/2018									<0.018
10/18/2018				0.081	0.43	9.6	0.25		
10/19/2018								0.34	
2/27/2019	<0.018	<0.018	<0.018	<0.018					<0.018
3/1/2019					0.4	6.5			
3/2/2019							<0.018	<0.018	
5/31/2019	<0.018	<0.018	<0.018	<0.018					<0.018
6/3/2019					1.7	11		0.17	
6/11/2019							0.39		
11/6/2019	0.017 (V)	0.016 (V)	0.022 (V)	0.016 (V)					0.011 (V)
11/7/2019						11	0.19		
11/9/2019					1.8			0.023 (J)	
4/16/2020	0.02	0.013	0.017	0.013					0.0075 (J)
4/17/2020							0.31		
4/18/2020					1.7	11		0.012	
10/7/2020	<0.018	<0.018	<0.018	<0.018					<0.018
10/8/2020					0.37	12	0.31	0.033 (J)	
10/9/2020									

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-103	MW-102	MW-306 (bg)
3/29/2021	<0.018	<0.018	<0.018	<0.018					<0.018
3/30/2021					0.22		0.23	<0.018	
3/31/2021						8.9			
9/2/2021	0.021	0.018	0.022	<0.018					<0.018
9/3/2021					0.2	8.7			
9/7/2021							0.19	<0.018	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<0.018	<0.018		
3/2/2016			3	<0.018 (*)
5/2/2016	<0.018			
5/3/2016				
5/4/2016		<0.018 (*)		
5/5/2016			2.9	<0.018 (*)
7/5/2016	<0.018			
7/7/2016			3	0.1
7/8/2016		<0.018		
9/6/2016	<0.018			
9/7/2016		0.022 (J)	3.8	0.073
11/7/2016	<0.018			
11/9/2016		<0.018		
11/10/2016			2.1	0.073
1/9/2017	<0.018			
1/11/2017		<0.018		
1/12/2017			4	0.059
3/13/2017	<0.018			
3/14/2017		0.071		0.044 (J)
3/15/2017			4.2	
5/15/2017	<0.018			
5/18/2017		<0.018 (*)	4.4	<0.018 (*)
10/2/2017	<0.018			
10/5/2017		<0.018		0.047 (J)
10/6/2017			2.3	
12/19/2017			5.3 (R)	
3/12/2018	<0.018			
3/14/2018		<0.018	4.6	<0.018
6/5/2018				
6/6/2018	<0.018			
6/10/2018		0.066		
6/11/2018			4.2	0.11
10/16/2018				
10/17/2018	<0.018			
10/18/2018		0.067	4.3	0.15
10/19/2018				
2/27/2019	<0.018			
3/1/2019		0.048 (J)	3.8	0.23
3/2/2019				
5/31/2019	<0.018			
6/3/2019		<0.018	3	0.45
6/11/2019				
11/6/2019	0.0099 (J)			
11/7/2019			4.2	0.42
11/9/2019		0.097 (V)		
4/16/2020	0.0055 (J)			
4/17/2020		0.07	4.6	0.83
4/18/2020				
10/7/2020	<0.018			
10/8/2020		0.031 (J)		
10/9/2020			4.8	0.37

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
3/29/2021	<0.018			
3/30/2021		<0.018		
3/31/2021			3.8	0.2
9/2/2021	<0.018			
9/3/2021		0.021	3.3	0.77
9/7/2021				

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	1	0.67	1.4	1 (J)					
3/1/2016					63	46	5.6	0.99 (J)	0.6
3/2/2016									
5/2/2016	0.78	0.58	1.1						
5/3/2016									0.55
5/4/2016				0.62					
5/5/2016					58	37	5.4	1.2	
7/5/2016	0.65	0.43	0.94						0.53
7/7/2016					55	38	3.9	1.1	
7/8/2016				0.4					
9/6/2016	0.7	0.48	1	0.45				1	0.5
9/7/2016					59	55	4.2		
11/7/2016	0.8	0.56	1.2						0.68
11/9/2016					61	52			
11/10/2016				0.44			3.5	0.73	
1/9/2017	0.74	0.43	1.2						0.56
1/11/2017				0.42	66	56			
1/12/2017							3.3	0.63	
3/13/2017	0.78	0.48	1.3						0.62
3/14/2017				0.42	63	55			
3/15/2017							4.1	0.72	
5/15/2017	0.76	0.37	1						0.58
5/18/2017				0.38	68	61	3.9	0.71	
10/2/2017	0.78	0.47	1.2						0.62
10/5/2017				0.39	58	55			
10/6/2017							4.3	0.56	
12/19/2017					69 (R)	47 (R)	3.7 (R)		
3/12/2018	0.88	0.49	1.4						0.59
3/14/2018				0.49	62	55	3.9	0.63	
6/5/2018	0.9	0.49	1.2						
6/6/2018									0.59
6/10/2018				0.39	86	67			
6/11/2018							3.5	0.55	
10/16/2018	0.86	0.42	1.4						
10/17/2018									0.54
10/18/2018				0.41	63	52	3.1		
10/19/2018								0.37	
2/27/2019	0.96	0.56	1.3	0.44					0.63
3/1/2019					51	28			
3/2/2019							0.56	0.57	
5/31/2019	0.76	0.33	1.1	0.28					0.45
6/3/2019					65	49		2	
6/11/2019							3.5		
11/6/2019	0.88	0.49	1.2	0.46					0.55
11/7/2019						62	3.4		
11/9/2019					84			0.61 (V)	
4/16/2020	0.84	0.36	1.3	0.38					0.53
4/17/2020							3.5		
4/18/2020					58	62		0.45	
10/7/2020	0.93	0.43	1.6	0.47					0.63
10/8/2020					50	59	3.7	0.67	
10/9/2020									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-103	MW-102	MW-306 (bg)
3/29/2021	1	0.46	1.6	0.43					0.68
3/30/2021					68		3.6	0.47	
3/31/2021						74			
9/2/2021	1.1	0.47	1.5	0.63					0.56
9/3/2021					59	63			
9/7/2021							3.5	0.39	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	1.5	1.8		
3/2/2016			23	2
5/2/2016	0.83			
5/3/2016				
5/4/2016		1.1		
5/5/2016			21	2.6
7/5/2016	1.6			
7/7/2016			20	2.9
7/8/2016		0.82		
9/6/2016	1.6			
9/7/2016		0.57	20	3.1
11/7/2016	1.5			
11/9/2016		0.62		
11/10/2016			8.7	2.7
1/9/2017	0.98			
1/11/2017		0.44		
1/12/2017			27	2.9
3/13/2017	0.75			
3/14/2017		0.46		3.1
3/15/2017			32	
5/15/2017	0.83			
5/18/2017		0.41	30	3
10/2/2017	0.83			
10/5/2017		0.39		3.7
10/6/2017			15	
12/19/2017			41 (R)	3.1 (R)
3/12/2018	0.71			
3/14/2018		0.47	35	3.1
6/5/2018				
6/6/2018	0.68			
6/10/2018		0.39		
6/11/2018			30	2.6
10/16/2018				
10/17/2018	0.66			
10/18/2018		0.47	38	2.8
10/19/2018				
2/27/2019	0.7			
3/1/2019		0.46	28	3.1
3/2/2019				
5/31/2019	0.52			
6/3/2019		0.38	13	3.9
6/11/2019				
11/6/2019	0.74			
11/7/2019			32	4.3
11/9/2019		0.56 (V)		
4/16/2020	0.59			
4/17/2020		0.42	29	5.2
4/18/2020				
10/7/2020	0.67			
10/8/2020		0.51		
10/9/2020			31	5.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
3/29/2021	0.75			
3/30/2021		0.49		
3/31/2021			23	3.3
9/2/2021	0.73			
9/3/2021		0.51	21	8.4
9/7/2021				

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	5.3	8.1	7.4	5.4					
3/1/2016					36	90	6.6	4.8	5.6
3/2/2016									
5/2/2016	4.4	6	6.3						
5/3/2016									5.1
5/4/2016				4.5					
5/5/2016					34	63	6.5	5.6	
7/5/2016	4.2	5.2	4.8						4.7
7/7/2016					34	75	7.3	5	
7/8/2016				4.9					
9/6/2016	4.3	5.5	6	4.3				4.8	4.4
9/7/2016					33	140	7.4		
11/7/2016	4.2	5.4	5.7						4.6
11/9/2016					38	180			
11/10/2016				4.5			8.4	4.7	
1/9/2017	5.3	6.1	6.8						5.3
1/11/2017				5.3	34	200			
1/12/2017							9.2	5.6	
3/13/2017	5.2	5.5	6.8						5.6
3/14/2017				5.5	35	150			
3/15/2017							9.5	5.9	
5/15/2017	4.8	4.7	6.1						5.2
5/18/2017				5	60	190	9.9	5.7	
10/2/2017	5.5	6.1	6						5.5
10/5/2017				5.6	33	120			
10/6/2017							10	6	
12/19/2017					120 (R)	84 (R)	9.3 (R)		
3/12/2018	5.3	6.1	5.9						5.6
3/14/2018				5.2	45	160	7.7	5.2	
6/5/2018	5.3	5.5	6.5						
6/6/2018									5.6
6/10/2018				5.2	140	190			
6/11/2018							8	4.9	
10/16/2018	5.5	5.1	5.9						
10/17/2018									5.5
10/18/2018				5.2	32	100	12		
10/19/2018								6.7	
2/27/2019	4.6	5	4.3	5.1					5.1
3/1/2019					30	42			
3/2/2019							8.5	4.4	
5/31/2019	5.1	5.4	4.5	5					5.4
6/3/2019					86	110		13	
6/11/2019							17		
11/6/2019	5.8	6.1	5.7	6					5.9
11/7/2019						120	15		
11/9/2019					200			6.1	
4/16/2020	6.1	5.3	5.6	5.8					6.2
4/17/2020							20		
4/18/2020					73	130		6.3	
10/7/2020	6.6	5.7	5.1	5.9					6.1
10/8/2020					26	95	18	6.4	
10/9/2020									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-103	MW-102	MW-306 (bg)
3/29/2021	10	5.2	5	5.8					6.2
3/30/2021					18		12	6.4	
3/31/2021						120			
9/2/2021	5.8	5.1	5.2	5.1					5.9
9/3/2021					10	110			
9/7/2021							12	6.1	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	4	4.4		
3/2/2016			87	5
5/2/2016	3.6			
5/3/2016				
5/4/2016		3		
5/5/2016			87	6.8
7/5/2016	3.6			
7/7/2016			83	6.7
7/8/2016		3.5		
9/6/2016	4			
9/7/2016		3.3	80	4.8
11/7/2016	4.4			
11/9/2016		3.9		
11/10/2016			35	4.2
1/9/2017	4.4			
1/11/2017		4.1		
1/12/2017			130	4.4
3/13/2017	4.1			
3/14/2017		4		4.4
3/15/2017			150	
5/15/2017	3.7			
5/18/2017		4	140	5
10/2/2017	4.8			
10/5/2017		4.5		5.8
10/6/2017			62	
12/19/2017			180 (R)	
3/12/2018	4			
3/14/2018		3.7	140	6.9
6/5/2018				
6/6/2018	4.1			
6/10/2018		3.6		
6/11/2018			140	6
10/16/2018				
10/17/2018	3.7			
10/18/2018		5	160	7.5
10/19/2018				
2/27/2019	4			
3/1/2019		1.7 (J)	140	7.2
3/2/2019				
5/31/2019	3.7			
6/3/2019		3.3	79	8.5
6/11/2019				
11/6/2019	4.7			
11/7/2019			120	18
11/9/2019		4.7		
4/16/2020	4.9			
4/17/2020		4.8	120	29
4/18/2020				
10/7/2020	4.7			
10/8/2020		5		
10/9/2020			100	22

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
3/29/2021	5.4			
3/30/2021		5		
3/31/2021			110	18
9/2/2021	5.1			
9/3/2021		4.4	100	57
9/7/2021				

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	5.11	5.11	4.9	5.26					
3/1/2016					6.12	4.09	5.86	5.03	5.08
3/2/2016									
5/2/2016	4.76	4.77	4.69						
5/3/2016									5.14
5/4/2016				5.1					
5/5/2016					6.25	4.12	5.77	5.03	
7/5/2016	5.12	5.48	7.11 (o)						5.38
7/7/2016					5.99	3.99	5.45	4.85	
7/8/2016				4.96					
9/6/2016	5.11	5.12	5.19	5.43				4.84	5.37
9/7/2016					6.03	4.06	5.01		
11/7/2016	4.76	4.73	4.64						4.92
11/9/2016					6.01	4.05			
11/10/2016				4.89			4.99	4.72	
1/9/2017	4.99	5	4.94						5.05
1/11/2017				4.87	6.04	4.01			
1/12/2017							4.95	4.79	
3/13/2017	4.57	4.74	4.63						4.87
3/14/2017				4.71	6.11	4.06			
3/15/2017							5.03	4.81	
5/15/2017	4.6	4.63	4.52						4.69
5/18/2017				4.5	5.88	3.65	4.75	4.5	
10/2/2017	4.64	4.63	4.54						4.88
10/5/2017				4.63	6.07	3.79			
10/6/2017							5.07	4.56	
12/19/2017					6.11 (R)	4.1 (R)	5.1 (R)		
3/12/2018	4.85	4.81	4.81						5.07
3/14/2018				5.14	6.29	4.2	4.89	5.08	
6/5/2018	4.92	5.04	4.9						
6/6/2018									5.09
6/10/2018				5.12	5.96	3.97			
6/11/2018							5.02	4.81	
10/16/2018	4.93	4.98	4.81						
10/17/2018									4.99
10/18/2018				4.97	6.19	4.12	4.93		
10/19/2018								5.15	
2/27/2019	4.75	4.78	4.71	4.84					4.87
3/1/2019					6.27	4.19			
3/2/2019							5.58	4.81	
5/31/2019	4.9	4.92	4.84	4.92					4.89
6/3/2019					6.23	4.17		4.7	
6/11/2019							4.97		
11/6/2019	4.82	4.88	4.78	4.94					5.04
11/7/2019						4.03	4.99		
11/9/2019					6.19			4.78	
4/16/2020	5.03	5.15	4.96	5.17					5.13
4/17/2020							5.07		
4/18/2020					6.21	4.08		4.96	
10/7/2020	4.74	4.91	4.8	5.08					5.13
10/8/2020					6.29	4.13	4.98	4.87	
10/9/2020									

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-103	MW-102	MW-306 (bg)
3/29/2021	4.79	4.89	4.8	4.92					4.93
3/30/2021					6.31		5.04	4.82	
3/31/2021						3.7			
9/2/2021	4.81	4.87	4.77	5.07					4.94
9/3/2021					6.17	4.32			
9/7/2021							5.11	4.62	

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-109	MW-110
2/29/2016				
3/1/2016	6.37	5.84		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016	5.605 (D)			
5/3/2016				
5/4/2016		5.69		
5/5/2016			4.87	5.04
7/5/2016	6.29			
7/7/2016			4.86	5.55
7/8/2016		5.49		
9/6/2016	6.42			
9/7/2016		5.22	4.72	4.86
11/7/2016	5.75			
11/9/2016		5.39		
11/10/2016			4.72	5.19
1/9/2017	5.98			
1/11/2017		5.12		
1/12/2017			4.67	4.84
3/13/2017	5.81			
3/14/2017		5.05	4.77	
3/15/2017				4.86
5/15/2017	5.42			
5/18/2017		4.68	4.43	4.59
10/2/2017	5.63			
10/5/2017		4.77	4.52	
10/6/2017				5.73
12/19/2017			4.76 (R)	4.84 (R)
3/12/2018	5.6			
3/14/2018		5.28	4.71	4.75
6/5/2018				
6/6/2018	5.58			
6/10/2018		4.99		
6/11/2018			4.78	4.77
10/16/2018				
10/17/2018	5.54			
10/18/2018		5.07	4.76	4.73
10/19/2018				
2/27/2019	5.4			
3/1/2019		5.13	4.85	4.76
3/2/2019				
5/31/2019	5.45			
6/3/2019		5.12	4.75	5.56
6/11/2019				
11/6/2019	5.52			
11/7/2019			4.78	4.74
11/9/2019		5.06		
4/16/2020	5.58			
4/17/2020		5.23	4.75	4.7
4/18/2020				
10/7/2020	5.5			
10/8/2020		5.34		
10/9/2020			4.77	4.9

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-109	MW-110
3/29/2021	5.46			
3/30/2021		4.98		
3/31/2021			4.64	4.85
9/2/2021	5.16			
9/3/2021		4.85	4.72	6.28
9/7/2021				

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.032	<0.032	<0.032	<0.032					
3/1/2016					0.041 (J)	0.46	0.037 (J)	<0.032	<0.032
3/2/2016									
5/2/2016	<0.032	<0.032	<0.032						
5/3/2016									<0.032
5/4/2016				<0.032					
5/5/2016					<0.032	0.27	<0.032	<0.032	
7/5/2016	<0.032	<0.032	<0.032						<0.032
7/7/2016					<0.032	0.29	<0.032	<0.032	
7/8/2016				<0.032					
9/6/2016	<0.032	<0.032	<0.032	<0.032				<0.032	<0.032
9/7/2016					<0.032	0.33	<0.032		
11/7/2016	<0.032	<0.032	<0.032						<0.032
11/9/2016					<0.032	0.29			
11/10/2016				<0.032			<0.032	<0.032	
1/9/2017	<0.032	<0.032	<0.032						<0.032
1/11/2017				<0.032	<0.032	0.42			
1/12/2017							<0.032	<0.032	
3/13/2017	<0.032	<0.032	<0.032						<0.032
3/14/2017				<0.032	<0.032	0.34			
3/15/2017							<0.032	<0.032	
5/15/2017	<0.032	<0.032	<0.032						<0.032
5/18/2017				<0.032	<0.032	0.47	<0.032	<0.032	
10/2/2017	<0.032	<0.032	<0.032						<0.032
10/5/2017				<0.032	<0.032	0.22			
10/6/2017							<0.032	<0.032	
12/19/2017						0.26 (R)			
3/12/2018	<0.032	<0.032	<0.032						<0.032
3/14/2018				0.12	<0.032	0.3	<0.032	<0.032	
6/5/2018	<0.032	<0.032	<0.032						
6/6/2018									<0.032
6/10/2018				<0.032	<0.032	0.38			
6/11/2018							<0.032	<0.032	
10/16/2018	<0.032	<0.032	<0.032						
10/17/2018									<0.032
10/18/2018				<0.032	0.04 (J)	0.26	<0.032		
10/19/2018								<0.032	
2/27/2019	<0.032	<0.032	<0.032	<0.032					<0.032
3/1/2019					<0.032	0.1			
3/2/2019							<0.032	<0.032	
5/31/2019	<0.032	<0.032	<0.032	<0.032					<0.032
6/3/2019					0.04 (J)	0.22		<0.032	
6/11/2019							<0.032		
11/6/2019	<0.032	<0.032	<0.032	<0.032					<0.032
11/7/2019						0.21	<0.032		
11/9/2019					<0.032			<0.032	
4/16/2020	<0.032	<0.032	<0.032	<0.032					<0.032
4/17/2020							<0.032		
4/18/2020					0.04 (J)	0.3		<0.032	
10/7/2020	<0.032	<0.032	<0.032	<0.032					<0.032
10/8/2020					0.04 (J)	0.26	0.24	<0.032	
10/9/2020									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-103	MW-102	MW-306 (bg)
3/29/2021	0.06	<0.032	<0.032	<0.032					<0.032
3/30/2021					0.04		<0.032	<0.032	
3/31/2021						0.34			
9/2/2021	0.08	0.1	<0.032	0.04					<0.032
9/3/2021					0.07	0.41			
9/7/2021							<0.032	<0.032	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	0.033 (J)	<0.032		
3/2/2016			0.039 (J)	<0.032
5/2/2016	<0.032			
5/3/2016				
5/4/2016		<0.032		
5/5/2016			<0.032	<0.032
7/5/2016	<0.032			
7/7/2016			<0.032	<0.032
7/8/2016		<0.032		
9/6/2016	<0.032			
9/7/2016		<0.032	<0.032	<0.032
11/7/2016	<0.032			
11/9/2016		<0.032		
11/10/2016			<0.032	<0.032
1/9/2017	<0.032			
1/11/2017		<0.032		
1/12/2017			<0.032	<0.032
3/13/2017	<0.032			
3/14/2017		<0.032		<0.032
3/15/2017			<0.032	
5/15/2017	<0.032			
5/18/2017		<0.032	<0.032	<0.032
10/2/2017	<0.032			
10/5/2017		<0.032		<0.032
10/6/2017			<0.032	
12/19/2017				
3/12/2018	<0.032			
3/14/2018		<0.032	<0.032	<0.032
6/5/2018				
6/6/2018	<0.032			
6/10/2018		<0.032		
6/11/2018			0.04 (J)	<0.032
10/16/2018				
10/17/2018	<0.032			
10/18/2018		<0.032	0.04 (J)	<0.032
10/19/2018				
2/27/2019	<0.032			
3/1/2019		<0.032	<0.032	<0.032
3/2/2019				
5/31/2019	<0.032			
6/3/2019		<0.032	0.04 (J)	<0.032
6/11/2019				
11/6/2019	<0.032			
11/7/2019			0.04 (J)	<0.032
11/9/2019		<0.032		
4/16/2020	<0.032			
4/17/2020		<0.032	0.04 (J)	<0.032
4/18/2020				
10/7/2020	<0.032			
10/8/2020		<0.032		
10/9/2020			<0.032	<0.032

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
3/29/2021	<0.032			
3/30/2021		<0.032		
3/31/2021			0.04	<0.032
9/2/2021	0.04			
9/3/2021		<0.032	0.07	0.05
9/7/2021				

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-105	MW-102	MW-104	MW-306 (bg)	MW-106
2/29/2016	<1.4	1.6 (J)	<1.4	<1.4					
3/1/2016					17	<1.4	380	<1.4	<1.4
3/2/2016									
5/2/2016	15 (o)	2.1 (J)		<1.4					
5/3/2016								<1.4	
5/4/2016			<1.4						<1.4
5/5/2016					11	<1.4	280		
7/5/2016	<1.4	2 (J)		<1.4				<1.4	
7/7/2016					33	<1.4	330		
7/8/2016			<1.4						<1.4
9/6/2016	<1.4	1.8 (J)	<1.4	<1.4		<1.4		<1.4	
9/7/2016					18		550		<1.4
11/7/2016	<1.4	1.7 (J)		<1.4				<1.4	
11/9/2016					52		700		<1.4
11/10/2016			<1.4			<1.4			
1/9/2017	<1.4	1.5 (J)		2.6 (J)				<1.4	
1/11/2017			<1.4		31		670		<1.4
1/12/2017						<1.4			
3/13/2017	2.5 (J)	2.2 (J)		<1.4				<1.4	
3/14/2017			<1.4		20		670		<1.4
3/15/2017						<1.4 (*)			
5/15/2017	<1.4	1.9 (J)		<1.4				<1.4	
5/18/2017			<1.4 (X)		35	<1.4 (X)	790		<1.4 (X)
10/2/2017	<1.4	3.4 (J)		<1.4				1.5 (J)	
10/5/2017			<1.4		7.7		500		<1.4
10/6/2017						<1.4			
12/19/2017					51 (R)		400 (R)		
3/12/2018	<1.4	2.6 (J)		<1.4				<1.4	
3/14/2018			<1.4		22	<1.4	540		<1.4
6/5/2018	<1.4	2.6 (J)		<1.4					
6/6/2018								<1.4	
6/10/2018			1.5 (J)		96		760		1.4 (J)
6/11/2018						1.7 (J)			
10/16/2018	<1.4	2.8 (J)		<1.4					
10/17/2018								<1.4	
10/18/2018			<1.4		6.6		460		<1.4
10/19/2018						3.4 (J)			
2/27/2019	<1.4	2.4 (J)	1.9 (J)	<1.4				<1.4	
3/1/2019					9.6		240		<1.4
3/2/2019						<1.4			
5/31/2019	<1.4	3.3 (J)	<1.4	<1.4				<1.4	
6/3/2019					58	3.5 (J)	480		<1.4
6/11/2019									
11/6/2019	<1.4	3.7 (J)	<1.4	<1.4				<1.4	
11/7/2019							610		
11/9/2019					120	<1.4			<1.4
4/16/2020	<1.4	1.7 (J)	<1.4	<1.4				<1.4	
4/17/2020									<1.4
4/18/2020					32	<1.4	670		
10/7/2020	<1.4	4 (J)	<1.4	<1.4				<1.4	
10/8/2020					9.3	<1.4	590		<1.4
10/9/2020									

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-105	MW-102	MW-104	MW-306 (bg)	MW-106
3/29/2021	<1.4	2.3	<1.4	<1.4				<1.4	
3/30/2021					7.6	<1.4			<1.4
3/31/2021							670		
9/2/2021	<1.4	4.7	<1.4	<1.4				<1.4	
9/3/2021					9.3		480		<1.4
9/7/2021						<1.4			

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-103	MW-110	MW-109
2/29/2016				
3/1/2016	<1.4	26		
3/2/2016			150	13
5/2/2016	<1.4			
5/3/2016				
5/4/2016				
5/5/2016		31	200	15
7/5/2016	<1.4			
7/7/2016		31	200	14
7/8/2016				
9/6/2016	3.7 (J)			
9/7/2016		41	200	15
11/7/2016	<1.4			
11/9/2016				
11/10/2016		39	130	13
1/9/2017	<1.4			
1/11/2017				
1/12/2017		35	240	12
3/13/2017	<1.4			
3/14/2017				10 (V)
3/15/2017		43	300	
5/15/2017	<1.4			
5/18/2017		35	270	8.7
10/2/2017	1.7 (J)			
10/5/2017				9.8
10/6/2017		39	140	
12/19/2017		36 (R)	280 (R)	8.4 (R)
3/12/2018	<1.4			
3/14/2018		38	270	9.7
6/5/2018				
6/6/2018	<1.4			
6/10/2018				
6/11/2018		34	270	10
10/16/2018				
10/17/2018	<1.4			
10/18/2018		31	280	8.1
10/19/2018				
2/27/2019	<1.4			
3/1/2019			250	7.4
3/2/2019		35		
5/31/2019	<1.4			
6/3/2019			150	21
6/11/2019		32		
11/6/2019	<1.4			
11/7/2019		27	290	16
11/9/2019				
4/16/2020	<1.4			
4/17/2020		31	280	12
4/18/2020				
10/7/2020	<1.4			
10/8/2020		30		
10/9/2020			280	25

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-103	MW-110	MW-109
3/29/2021	<1.4			
3/30/2021		32		
3/31/2021			250	15
9/2/2021	<1.4			
9/3/2021			160	32
9/7/2021		22		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	20	<5	12	20					
3/1/2016					290	760	84	<5	10
3/2/2016									
5/2/2016	<5	<5	6						
5/3/2016									<5
5/4/2016				6					
5/5/2016					250	620	76	<5	
7/5/2016	12	14	<5						<5
7/7/2016					270	640	54	24	
7/8/2016				6					
9/6/2016	36	30	38	36				40	36
9/7/2016					270	1100	82		
11/7/2016	18	8	<5						<5
11/9/2016					330	1300			
11/10/2016				16			80	20	
1/9/2017	4 (J)	<5	14						<5
1/11/2017				38	330	1600			
1/12/2017							110	54	
3/13/2017	6	<5	8						22
3/14/2017				<5	260	1200			
3/15/2017							82	14	
5/15/2017	<5	<5	<5						6
5/18/2017				10	360	1500	100	38	
10/2/2017	<5	<5	6						16
10/5/2017				<5	240	980			
10/6/2017							110	22	
12/19/2017					460 (R)	900 (R)	72 (R)		
3/12/2018	18	14	<5						<5
3/14/2018				8	300	1100	66	14	
6/5/2018	10	<5	14						
6/6/2018									20
6/10/2018				8	560	1500			
6/11/2018							96	8	
10/16/2018	32	12	6						
10/17/2018									44
10/18/2018				28	250	860	64		
10/19/2018								54	
2/27/2019	110	54	110	68					20
3/1/2019					210	440			
3/2/2019							210	28	
5/31/2019	46	8	26	<5					32
6/3/2019					500	950		54	
6/11/2019							110		
11/6/2019	<5	4 (J)	<5	10					24
11/7/2019						980	50		
11/9/2019					720			24	
4/16/2020	28	18	8	44					6
4/17/2020							70		
4/18/2020					180	1100		54	
10/7/2020	30	20	26	24					16
10/8/2020					260	500	120	32	
10/9/2020									

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-105	MW-104	MW-103	MW-102	MW-306 (bg)
3/29/2021	38	12	28	26					42
3/30/2021					340		170	32	
3/31/2021						1100			
9/2/2021	40	10	8	8					10
9/3/2021					210	1000			
9/7/2021							62	10	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	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		12		
5/5/2016			480	38
7/5/2016	<5			
7/7/2016			470	22
7/8/2016		10		
9/6/2016	44			
9/7/2016		10	440	38
11/7/2016	30			
11/9/2016		26		
11/10/2016			260	38
1/9/2017	12			
1/11/2017		28		
1/12/2017			630	40
3/13/2017	20			
3/14/2017		<5		22
3/15/2017			620	
5/15/2017	4 (J)			
5/18/2017		26	640	24
10/2/2017	24			
10/5/2017		<5		<5
10/6/2017			360	
12/19/2017			840 (R)	
3/12/2018	<5			
3/14/2018		<5	660	12
6/5/2018				
6/6/2018	16			
6/10/2018		6		
6/11/2018			670	26
10/16/2018				
10/17/2018	44			
10/18/2018		68	750	34
10/19/2018				
2/27/2019	28			
3/1/2019		28	640	42
3/2/2019				
5/31/2019	18			
6/3/2019		28	420	54
6/11/2019				
11/6/2019	20			
11/7/2019			540	24
11/9/2019		42		
4/16/2020	8			
4/17/2020		48	600	28
4/18/2020				
10/7/2020	12			
10/8/2020		100		
10/9/2020			660	86

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 8:15 AM View: 100 Series

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
3/29/2021	40			
3/30/2021		12		
3/31/2021			620	66
9/2/2021	<5			
9/3/2021		<5	580	170
9/7/2021				

200 Series

Appendix III - Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:24 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-200**	**0.081**	**n/a**	**9/8/2021**	**2.1**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/8/2021**	**3.8**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/8/2021**	**13**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.393**	**n/a**	**9/8/2021**	**74**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.393**	**n/a**	**9/8/2021**	**72**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.393**	**n/a**	**9/8/2021**	**200**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.829**	**n/a**	**9/8/2021**	**100**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.829**	**n/a**	**9/8/2021**	**130**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.829**	**n/a**	**9/8/2021**	**440**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**9/8/2021**	**0.36**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-200**	**4.7**	**n/a**	**9/8/2021**	**60**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4.7**	**n/a**	**9/8/2021**	**110**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4.7**	**n/a**	**9/8/2021**	**140**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/8/2021**	**480**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/8/2021**	**550**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/8/2021**	**1700**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**

Appendix III - Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:24 AM

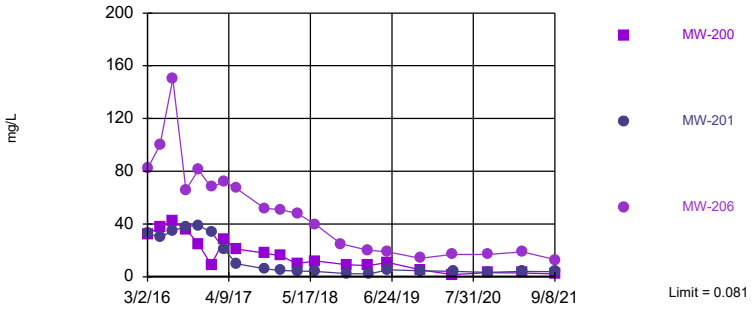
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**9/8/2021**	**2.1**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/8/2021**	**3.8**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/8/2021**	**13**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.393**	**n/a**	**9/8/2021**	**74**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.393**	**n/a**	**9/8/2021**	**72**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.393**	**n/a**	**9/8/2021**	**200**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.829**	**n/a**	**9/8/2021**	**100**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.829**	**n/a**	**9/8/2021**	**130**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.829**	**n/a**	**9/8/2021**	**440**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	9/8/2021	0.049	No	114	n/a	n/a	93.86	n/a	n/a	0.0001528	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**9/8/2021**	**0.36**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	9/8/2021	0.048	No	114	n/a	n/a	93.86	n/a	n/a	0.0001528	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**4.7**	**n/a**	**9/8/2021**	**60**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**4.7**	**n/a**	**9/8/2021**	**110**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**4.7**	**n/a**	**9/8/2021**	**140**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001557**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/8/2021**	**480**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/8/2021**	**550**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/8/2021**	**1700**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001528**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.32 . 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 censored data exceeded 50%. Limit is highest of 114 background values. 84.21% NDs. Annual per-constituent alpha = 0.0009163. Individual comparison alpha = 0.0001528 (1 of 2). Comparing 3 points to limit.

Constituent: Boron Analysis Run 12/13/2021 8:20 AM View: 200 Series Interwell

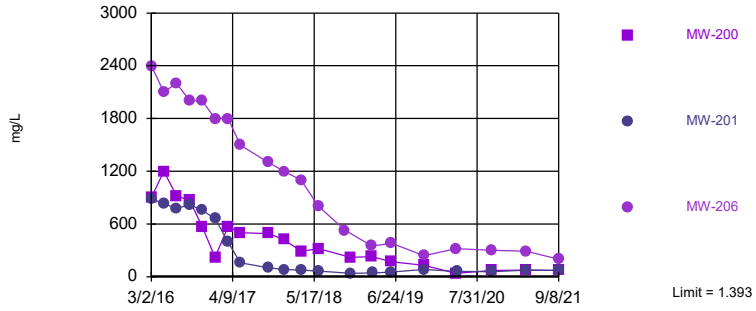
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3715, Std. Dev.=0.4208, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 13.02, critical = 14.07. Kappa = 1.67 (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 12/13/2021 8:20 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

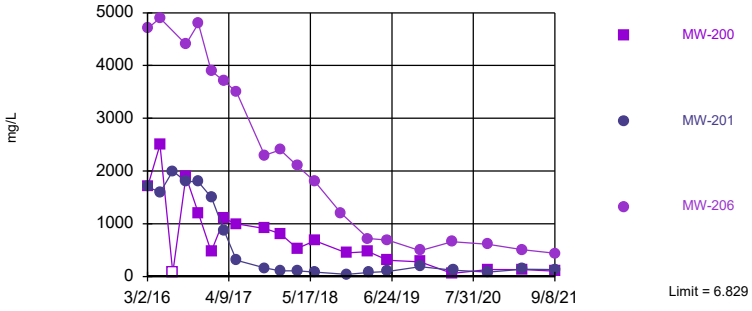
Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=2.293, Std. Dev.=0.1916, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 10.74, critical = 14.07. Kappa = 1.67 (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 12/13/2021 8:20 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

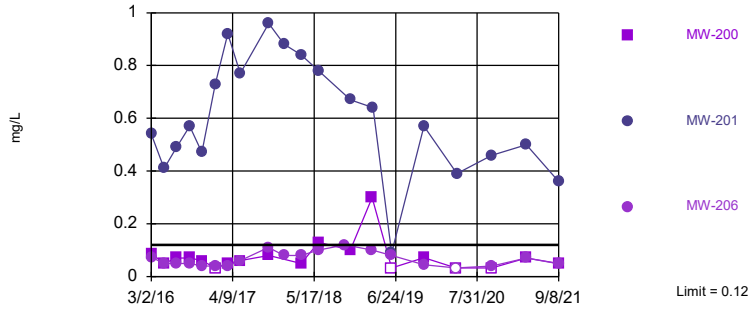
Sanitas™ v.9.6.32 . UG

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 114 background values. 93.86% NDs. Annual per-constituent alpha = 0.0009163. Individual comparison alpha = 0.0001528 (1 of 2). Comparing 3 points to limit.

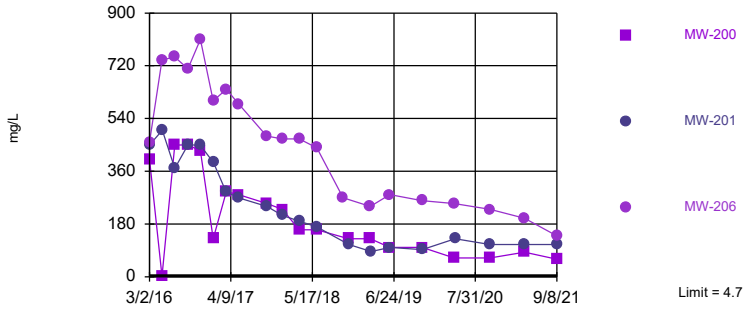
Constituent: Fluoride Analysis Run 12/13/2021 8:20 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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 113 background values. 76.99% NDs. Annual per-constituent alpha = 0.0009338. Individual comparison alpha = 0.0001557 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 12/13/2021 8:20 AM View: 200 Series Interwell

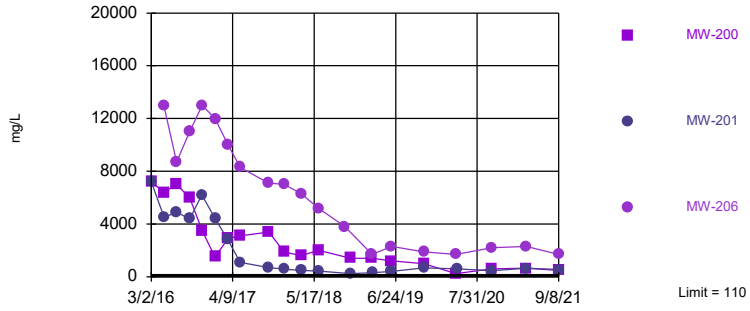
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 114 background values. 24.56% NDs. Annual per-constituent alpha = 0.0009163. Individual comparison alpha = 0.0001528 (1 of 2). Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 12/13/2021 8:20 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.018	<0.018	<0.018	<0.018					
3/1/2016					<0.018	<0.018			
3/2/2016							32	82	33
5/2/2016	<0.018	<0.018	<0.018			<0.018			
5/3/2016					<0.018		38	100	
5/4/2016				<0.018					30
7/5/2016	<0.018	<0.018	<0.018		<0.018	<0.018	42	150	
7/6/2016									35
7/8/2016				<0.018					
9/6/2016	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
9/8/2016							36	66	38
11/7/2016	<0.018	<0.018	<0.018		<0.018	<0.018			
11/8/2016									39
11/9/2016							25	81	
11/10/2016				<0.018					
1/9/2017	<0.018	<0.018	<0.018		<0.018	<0.018			
1/11/2017				<0.018					
1/12/2017							9.1	68	
1/13/2017									34
3/13/2017	<0.018	0.022 (J)	<0.018		<0.018	<0.018			
3/14/2017				<0.018					
3/16/2017									21
3/17/2017							28	72	
5/15/2017	<0.018	<0.018	<0.018		<0.018	<0.018			
5/16/2017							21		
5/17/2017								67	10
5/18/2017				<0.018					
10/2/2017	<0.018	0.023 (J)	<0.018		<0.018	<0.018			
10/3/2017								52	
10/4/2017							18		6
10/5/2017				<0.018					
12/20/2017							16 (R)	51	4.9 (R)
3/12/2018	<0.018	<0.018	<0.018		<0.018	<0.018			
3/13/2018							10		
3/14/2018				<0.018				48	4.4
6/5/2018	<0.018	<0.018	<0.018						
6/6/2018					<0.018	<0.018			
6/8/2018							12	40	
6/9/2018									4.1
6/10/2018				<0.018					
10/16/2018	<0.018	<0.018	<0.018						
10/17/2018					<0.018	<0.018		25	
10/18/2018				0.081					
11/13/2018							9.1		
11/14/2018									2.3
2/27/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
2/28/2019							8.5	20	
3/5/2019									2.1
5/31/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
6/4/2019							11	19	5.2
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	14	4.5

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	0.02	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	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
10/12/2020							3	17	3.3
3/29/2021	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
4/1/2021							2.9	19	4
9/2/2021	0.021	0.022	0.018	<0.018	<0.018	<0.018			
9/8/2021							2.1	13	3.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	1	1.4	0.67	1 (J)					
3/1/2016					0.6	1.5			
3/2/2016							900	2400	890
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	2000	820
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								1500	160
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)	1200	82 (R)
3/12/2018	0.88	1.4	0.49		0.59	0.71			
3/13/2018							290		
3/14/2018				0.49				1100	75
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	380 (D)	54
11/6/2019	0.88	1.2	0.49	0.46	0.55	0.74			
11/12/2019							130	240	82

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	0.84	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	300	58
3/29/2021	1	1.6	0.46	0.43	0.68	0.75			
4/1/2021							75	290	75
9/2/2021	1.1	1.5	0.47	0.63	0.56	0.73			
9/8/2021							74	200	72

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	6.6	5.1	5.7	5.9	6.1	4.7			
10/12/2020							130	610	82
3/29/2021	10	5	5.2	5.8	6.2	5.4			
4/1/2021							130	510	140
9/2/2021	5.8	5.2	5.1	5.1	5.9	5.1			
9/8/2021							100	440	130

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-200	MW-201
2/29/2016	<0.032	<0.032	<0.032	<0.032					
3/1/2016					0.033 (J)	<0.032			
3/2/2016							0.074 (J)	0.088 (J)	0.54
5/2/2016	<0.032	<0.032		<0.032	<0.032				
5/3/2016						<0.032	0.05 (J)	0.05 (J)	
5/4/2016			<0.032						0.41
7/5/2016	<0.032	<0.032		<0.032	<0.032	<0.032	0.05 (J)	0.07 (J)	
7/6/2016									0.49
7/8/2016			<0.032						
9/6/2016	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
9/8/2016							0.05 (J)	0.07 (J)	0.57
11/7/2016	<0.032	<0.032		<0.032	<0.032	<0.032			
11/8/2016									0.47
11/9/2016							0.04 (J)	0.06 (J)	
11/10/2016			<0.032						
1/9/2017	<0.032	<0.032		<0.032	<0.032	<0.032			
1/11/2017			<0.032						
1/12/2017							0.04 (J)	<0.032	
1/13/2017									0.73
3/13/2017	<0.032	<0.032		<0.032	<0.032	<0.032			
3/14/2017			<0.032						
3/16/2017									0.92
3/17/2017							0.04 (J)	0.05 (J)	
5/15/2017	<0.032	<0.032		<0.032	<0.032	<0.032			
5/16/2017								0.06 (J)	
5/17/2017							0.06 (J)		0.77
5/18/2017			<0.032						
10/2/2017	<0.032	<0.032		<0.032	<0.032	<0.032			
10/3/2017							0.11		
10/4/2017								0.08 (J)	0.96
10/5/2017			<0.032						
12/20/2017							0.08 (I)		0.88 (R)
3/12/2018	<0.032	<0.032		<0.032	<0.032	<0.032			
3/13/2018								0.05 (J)	
3/14/2018			0.12				0.08 (J)		0.84
6/5/2018	<0.032	<0.032		<0.032					
6/6/2018					<0.032	<0.032			
6/8/2018							0.1	0.13	
6/9/2018									0.78
6/10/2018			<0.032						
10/16/2018	<0.032	<0.032		<0.032					
10/17/2018					<0.032	<0.032	0.12		
10/18/2018			<0.032						
11/13/2018								0.1	
11/14/2018									0.67
2/27/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
2/28/2019							0.1	0.3	
3/5/2019									0.64
5/31/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
6/4/2019							0.08 (J)	<0.032	0.09 (J)
11/6/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
11/12/2019							0.045 (J)	0.072 (J)	0.57

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-200	MW-201
4/16/2020	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
4/18/2020							<0.032	<0.032	
4/22/2020									0.39
10/7/2020	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
10/12/2020							0.04 (J)	<0.032	0.46
3/29/2021	0.06	<0.032	<0.032	<0.032	<0.032	<0.032			
4/1/2021							0.07	0.07	0.5
9/2/2021	0.08	0.1	0.04	<0.032	0.04	<0.032			
9/8/2021							0.048	0.049	0.36

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-307 (bg)	MW-306 (bg)	MW-200	MW-206	MW-201
2/29/2016	<1.4	<1.4	<1.4	1.6 (J)					
3/1/2016					<1.4	<1.4			
3/2/2016							400	460	450
5/2/2016	15 (o)	<1.4		2.1 (J)	<1.4				
5/3/2016						<1.4	2.2 (J)	740	
5/4/2016			<1.4						500
7/5/2016	<1.4	<1.4		2 (J)	<1.4	<1.4	450 (J)	750	
7/6/2016									370
7/8/2016			<1.4						
9/6/2016	<1.4	<1.4	<1.4	1.8 (J)	3.7 (J)	<1.4			
9/8/2016							450	710	450
11/7/2016	<1.4	<1.4		1.7 (J)	<1.4	<1.4			
11/8/2016									450
11/9/2016							430	810	
11/10/2016			<1.4						
1/9/2017	<1.4	2.6 (J)		1.5 (J)	<1.4	<1.4			
1/11/2017			<1.4						
1/12/2017							130	600	
1/13/2017									390
3/13/2017	2.5 (J)	<1.4		2.2 (J)	<1.4	<1.4			
3/14/2017			<1.4						
3/16/2017									290
3/17/2017							290	640	
5/15/2017	<1.4	<1.4		1.9 (J)	<1.4	<1.4			
5/16/2017							280		
5/17/2017								590	270
5/18/2017			<1.4 (X)						
10/2/2017	<1.4	<1.4		3.4 (J)	1.7 (J)	1.5 (J)			
10/3/2017								480	
10/4/2017							250		240
10/5/2017			<1.4						
12/20/2017							230 (R)	470	210 (R)
3/12/2018	<1.4	<1.4		2.6 (J)	<1.4	<1.4			
3/13/2018							160		
3/14/2018			<1.4					470	190
6/5/2018	<1.4	<1.4		2.6 (J)					
6/6/2018					<1.4	<1.4			
6/8/2018							160	440	
6/9/2018									170
6/10/2018			1.5 (J)						
10/16/2018	<1.4	<1.4		2.8 (J)					
10/17/2018					<1.4	<1.4		270	
10/18/2018			<1.4						
11/13/2018							130		
11/14/2018									110
2/27/2019	<1.4	<1.4	1.9 (J)	2.4 (J)	<1.4	<1.4			
2/28/2019							130	240	
3/5/2019									86
5/31/2019	<1.4	<1.4	<1.4	3.3 (J)	<1.4	<1.4			
6/4/2019							100	280	100
11/6/2019	<1.4	<1.4	<1.4	3.7 (J)	<1.4	<1.4			
11/12/2019							100	260	93

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-307 (bg)	MW-306 (bg)	MW-200	MW-206	MW-201
4/16/2020	<1.4	<1.4	<1.4	1.7 (J)	<1.4	<1.4			
4/18/2020							64	250	
4/22/2020									130
10/7/2020	<1.4	<1.4	<1.4	4 (J)	<1.4	<1.4			
10/12/2020							64	230	110
3/29/2021	<1.4	<1.4	<1.4	2.3	<1.4	<1.4			
4/1/2021							84	200	110
9/2/2021	<1.4	<1.4	<1.4	4.7	<1.4	<1.4			
9/8/2021							60	140	110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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 12/13/2021 8:24 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021	38	28	12	26	42	40			
4/1/2021							640	650	2300
9/2/2021	40	8	10	8	10	<5			
9/8/2021							480	550	1700

Appendix III - Intrawell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:50 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-206**	**4.64**	**3.998**	**9/8/2021**	**4.77**	**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

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 8:50 AM

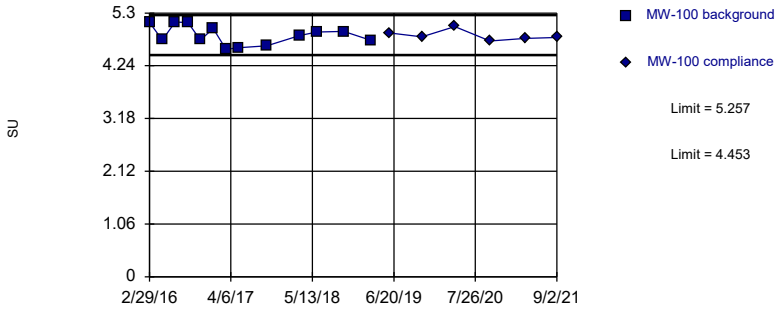
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	9/2/2021	4.81	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	9/2/2021	5.07	No	13	4.955	0.258	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-107	5.412	4.406	9/2/2021	4.87	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	9/2/2021	4.77	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	9/8/2021	5.21	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	9/8/2021	4.63	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**	**9/8/2021**	**4.77**	**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	9/2/2021	4.94	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	9/2/2021	5.16	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2

Sanitas™ v.9.6.32 . UG

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 12/13/2021 8:48 AM View: 200 Series Interwell

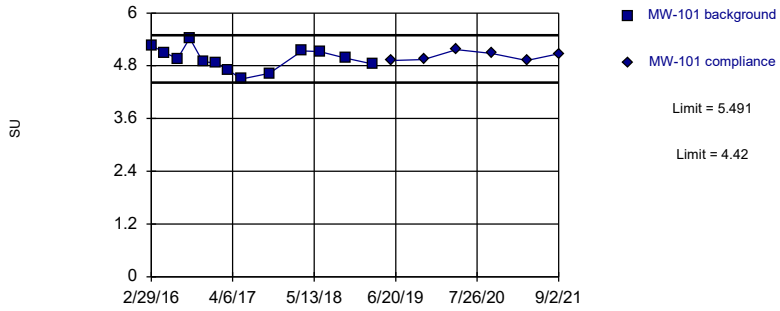
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 8:48 AM View: 200 Series Interwell

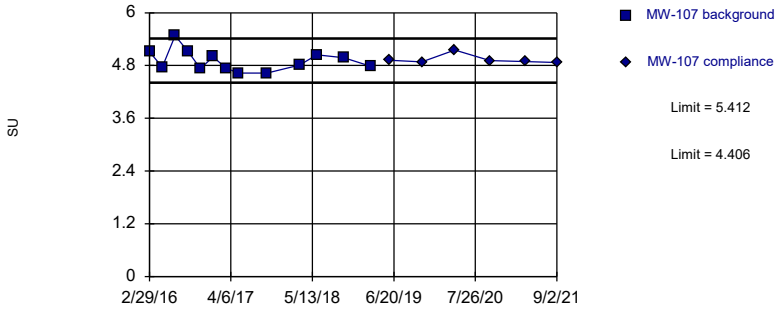
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 8:48 AM View: 200 Series Interwell

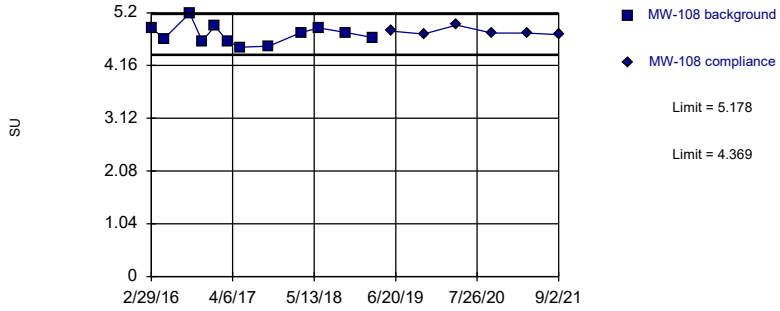
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 8:48 AM View: 200 Series Interwell

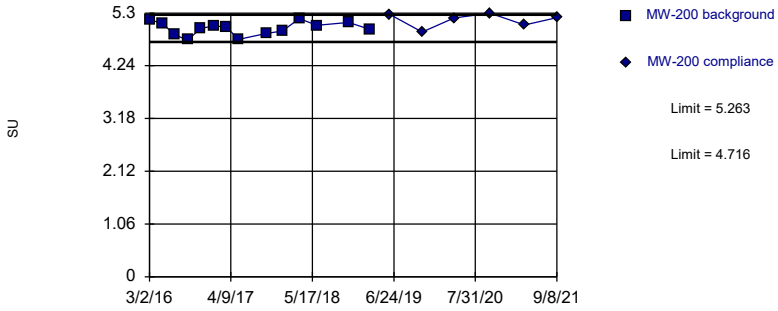
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 8:48 AM View: 200 Series Interwell

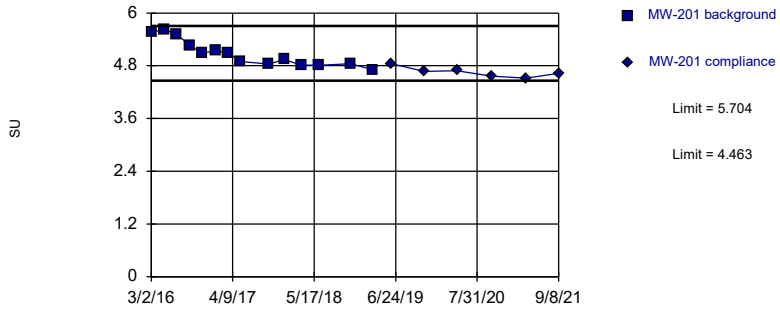
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 8:48 AM View: 200 Series Interwell

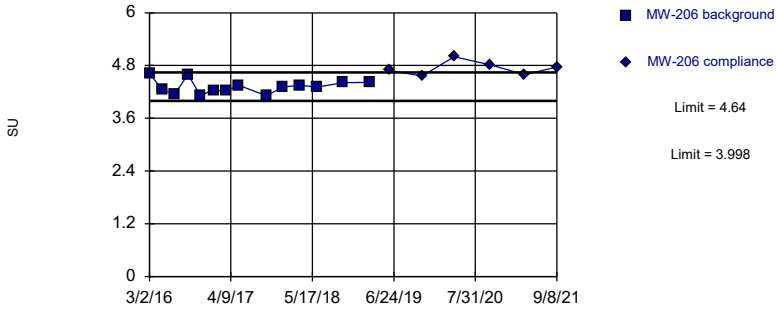
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

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 12/13/2021 8:48 AM View: 200 Series Interwell

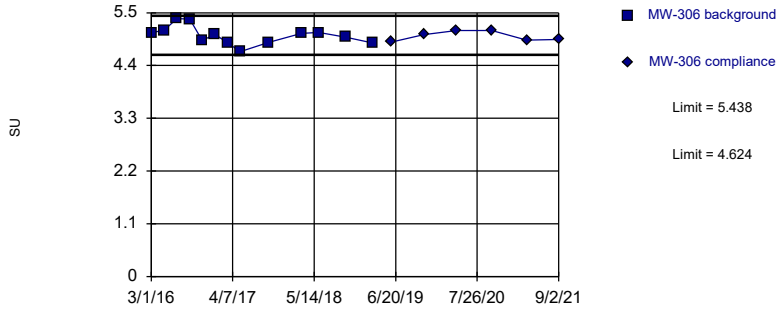
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

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.

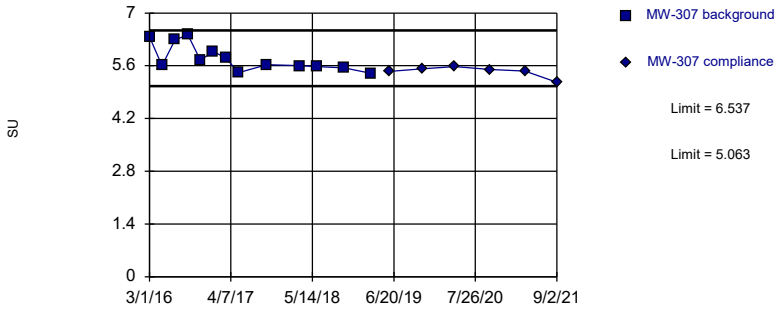
Constituent: Field pH Analysis Run 12/13/2021 8:48 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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 12/13/2021 8:48 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.79
9/2/2021		4.81

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.92
9/2/2021		5.07

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.89
9/2/2021		4.87

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.8
9/2/2021		4.77

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
4/1/2021		5.06
9/8/2021		5.21

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
4/1/2021		4.52
9/8/2021		4.63

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
4/1/2021		4.59
9/8/2021		4.77

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.93
9/2/2021		4.94

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 8:50 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		5.46
9/2/2021		5.16

300 Series

Appendix III - Interwell Prediction Limits - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:11 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	9/7/2021	3.1	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	9/7/2021	1.4	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	9/7/2021	1.7	Yes	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.471	n/a	9/7/2021	56	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.471	n/a	9/7/2021	190	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.471	n/a	9/7/2021	66	Yes	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	6.96	n/a	9/7/2021	8.3	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	6.96	n/a	9/7/2021	46	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	6.96	n/a	9/7/2021	25	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	6.96	n/a	9/7/2021	7	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	6.96	n/a	9/7/2021	88	Yes	114	2.293	0.1916	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	9/7/2021	0.24	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-304	0.12	n/a	9/7/2021	0.7	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	9/7/2021	0.17	Yes	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	4.7	n/a	9/7/2021	120	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	4.7	n/a	9/7/2021	530	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	4.7	n/a	9/7/2021	140	Yes	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	9/7/2021	360	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	9/7/2021	1000	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	9/7/2021	450	Yes	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 300 Series Wells - All Results

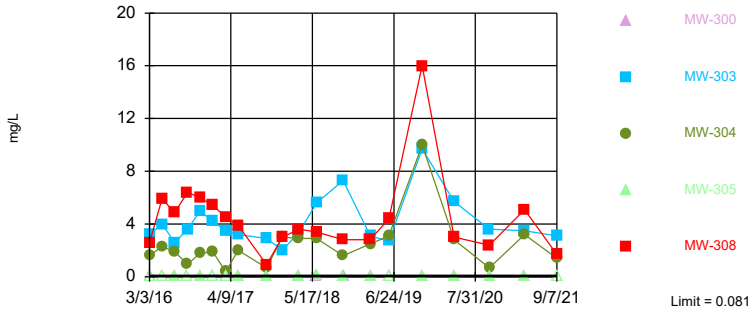
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:11 AM

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	9/7/2021	0.022	No	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**9/7/2021**	**3.1**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**9/7/2021**	**1.4**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	9/7/2021	0.018ND	No	114	n/a	n/a	84.21	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**9/7/2021**	**1.7**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.471	n/a	9/7/2021	0.46	No	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.471**	**n/a**	**9/7/2021**	**56**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.471**	**n/a**	**9/7/2021**	**190**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-305	1.471	n/a	9/7/2021	0.53	No	114	-0.3715	0.4208	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-308**	**1.471**	**n/a**	**9/7/2021**	**66**	**Yes**	**114**	**-0.3715**	**0.4208**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**6.96**	**n/a**	**9/7/2021**	**8.3**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**6.96**	**n/a**	**9/7/2021**	**46**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**6.96**	**n/a**	**9/7/2021**	**25**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**6.96**	**n/a**	**9/7/2021**	**7**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**6.96**	**n/a**	**9/7/2021**	**88**	**Yes**	**114**	**2.293**	**0.1916**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**9/7/2021**	**0.24**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**MW-304**	**0.12**	**n/a**	**9/7/2021**	**0.7**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-305	0.12	n/a	9/7/2021	0.032ND	No	114	n/a	n/a	93.86	n/a	n/a	0.0001526	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**9/7/2021**	**0.17**	**Yes**	**114**	**n/a**	**n/a**	**93.86**	**n/a**	**n/a**	**0.0001526**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	4.7	n/a	9/7/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**4.7**	**n/a**	**9/7/2021**	**120**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001555**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**4.7**	**n/a**	**9/7/2021**	**530**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001555**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-305	4.7	n/a	9/7/2021	1.4ND	No	113	n/a	n/a	76.99	n/a	n/a	0.0001555	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-308**	**4.7**	**n/a**	**9/7/2021**	**140**	**Yes**	**113**	**n/a**	**n/a**	**76.99**	**n/a**	**n/a**	**0.0001555**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	9/7/2021	54	No	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**9/7/2021**	**360**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001526**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**9/7/2021**	**1000**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001526**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	9/7/2021	24	No	114	n/a	n/a	24.56	n/a	n/a	0.0001526	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**9/7/2021**	**450**	**Yes**	**114**	**n/a**	**n/a**	**24.56**	**n/a**	**n/a**	**0.0001526**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



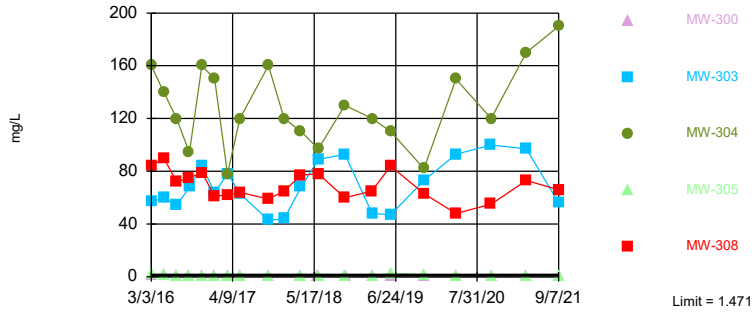
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 84.21% NDs. Annual per-constituent alpha = 0.001525. Individual comparison alpha = 0.0001526 (1 of 2). Comparing 5 points to limit.

Constituent: Boron Analysis Run 12/13/2021 9:10 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Parametric



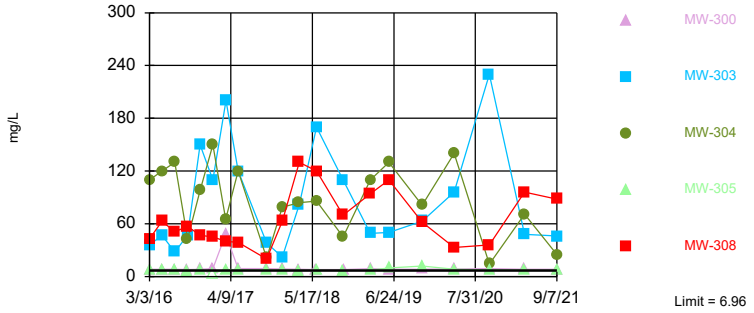
Background Data Summary (based on natural log transformation): Mean=-0.3715, Std. Dev.=0.4208, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 13.02, critical = 14.07. Kappa = 1.8 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

Constituent: Calcium Analysis Run 12/13/2021 9:10 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-300, MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



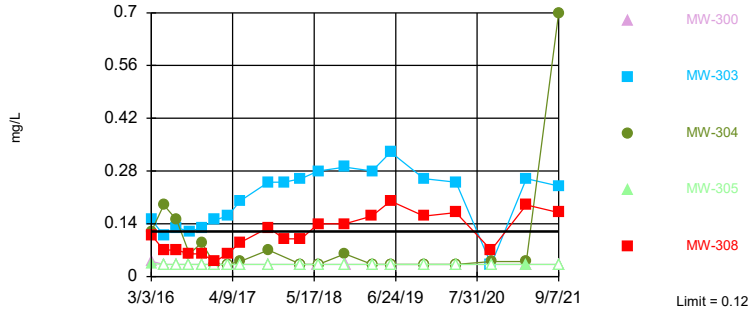
Background Data Summary (based on square root transformation): Mean=2.293, Std. Dev.=0.1916, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 10.74, critical = 14.07. Kappa = 1.8 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

Constituent: Chloride Analysis Run 12/13/2021 9:10 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



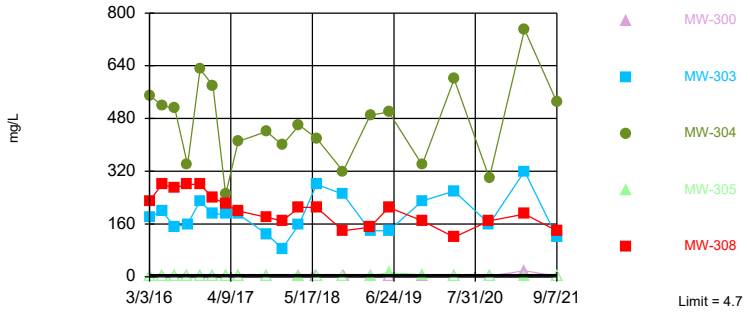
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 93.86% NDs. Annual per-constituent alpha = 0.001525. Individual comparison alpha = 0.0001526 (1 of 2). Comparing 5 points to limit.

Constituent: Fluoride Analysis Run 12/13/2021 9:10 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



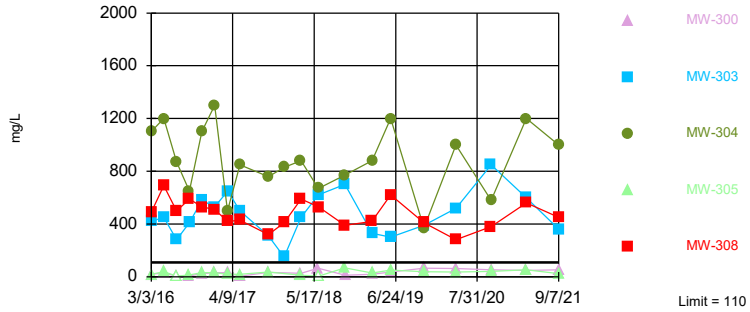
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 113 background values. 76.99% NDs. Annual per-constituent alpha = 0.001554. Individual comparison alpha = 0.0001555 (1 of 2). Comparing 5 points to limit.

Constituent: Sulfate Analysis Run 12/13/2021 9:10 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 114 background values. 24.56% NDs. Annual per-constituent alpha = 0.001525. Individual comparison alpha = 0.0001526 (1 of 2). Comparing 5 points to limit.

Constituent: Total Dissolved Solids Analysis Run 12/13/2021 9:10 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.018	<0.018	<0.018	<0.018					
3/1/2016					<0.018	<0.018			
3/3/2016							3.2	<0.018	0.11 (J)
5/2/2016	<0.018	<0.018	<0.018			<0.018			
5/3/2016					<0.018				
5/4/2016				<0.018			4	<0.018 (*)	<0.018
7/5/2016	<0.018	<0.018	<0.018		<0.018	<0.018			
7/6/2016							2.6		
7/7/2016								0.034 (J)	<0.018
7/8/2016				<0.018					
9/6/2016	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
9/7/2016								<0.018	0.028 (J)
9/8/2016							3.6		
11/7/2016	<0.018	<0.018	<0.018		<0.018	<0.018		0.045 (J)	
11/8/2016							5		0.025 (J)
11/10/2016				<0.018					
1/9/2017	<0.018	<0.018	<0.018		<0.018	<0.018			
1/10/2017							4.2	<0.018 (*)	<0.018 (*)
1/11/2017				<0.018					
3/13/2017	<0.018	0.022 (J)	<0.018		<0.018	<0.018			
3/14/2017				<0.018					
3/15/2017								<0.018	<0.018
3/16/2017							3.5		
5/15/2017	<0.018	<0.018	<0.018		<0.018	<0.018	3.2		
5/16/2017								0.043 (J)	<0.018
5/18/2017				<0.018					
10/2/2017	<0.018	0.023 (J)	<0.018		<0.018	<0.018			
10/3/2017							2.9	0.026 (J)	0.03 (J)
10/5/2017				<0.018					
12/20/2017							2		
3/12/2018	<0.018	<0.018	<0.018		<0.018	<0.018			
3/13/2018							3.4	0.07	<0.018
3/14/2018				<0.018					
6/5/2018	<0.018	<0.018	<0.018						
6/6/2018					<0.018	<0.018			0.024 (J)
6/7/2018							5.6	0.1	
6/10/2018				<0.018					
10/16/2018	<0.018	<0.018	<0.018						
10/17/2018					<0.018	<0.018	7.3	0.074	
10/18/2018				0.081					0.022 (J)
2/27/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
2/28/2019							3.1	0.027 (J)	<0.018
5/31/2019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	2.7	<0.018	<0.018
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)	0.011 (V)	0.0099 (J)			
11/11/2019							9.7	0.036 (V)	0.035 (V)
4/16/2020	0.02	0.017	0.013	0.013	0.0075 (J)	0.0055 (J)			
4/18/2020							5.7	0.016	0.027
10/7/2020	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
10/8/2020							3.6		
10/9/2020								0.018 (J)	0.025 (J)
3/29/2021	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018			
3/31/2021									0.046

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-303	MW-305	MW-300
4/1/2021							3.5	0.035	
9/2/2021	0.021	0.022	0.018	<0.018	<0.018	<0.018			
9/7/2021							3.1	<0.018	0.022

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
2/29/2016		
3/1/2016		
3/3/2016	2.6	1.6
5/2/2016		
5/3/2016		
5/4/2016	5.9	2.3
7/5/2016		
7/6/2016	4.9	1.9
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	6.4	0.95
9/8/2016		
11/7/2016		
11/8/2016	6	1.8
11/10/2016		
1/9/2017		
1/10/2017	5.4	1.9
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		0.38
3/16/2017	4.5	
5/15/2017		
5/16/2017	3.9	2
5/18/2017		
10/2/2017		
10/3/2017	0.93	0.67
10/5/2017		
12/20/2017	3	3
3/12/2018		
3/13/2018	3.6	2.9
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	3.4	2.9
6/10/2018		
10/16/2018		
10/17/2018	2.8	1.6
10/18/2018		
2/27/2019	2.8	
2/28/2019		2.5
5/31/2019	4.4	3.1
11/6/2019		
11/11/2019	16	10
4/16/2020		
4/18/2020	3	2.8
10/7/2020		
10/8/2020	2.4	
10/9/2020		0.68
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	5.1	3.2
9/2/2021		
9/7/2021	1.7	1.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	1	1.4	0.67	1 (J)					
3/1/2016					0.6	1.5			
3/3/2016							57	2.5	1 (J)
5/2/2016	0.78	1.1	0.58			0.83			
5/3/2016					0.55				
5/4/2016				0.62			60	1.1	1
7/5/2016	0.65	0.94	0.43		0.53	1.6			
7/6/2016							54		
7/7/2016								0.71	0.62
7/8/2016				0.4					
9/6/2016	0.7	1	0.48	0.45	0.5	1.6			
9/7/2016								0.78	0.6
9/8/2016							68		
11/7/2016	0.8	1.2	0.56		0.68	1.5		0.82	
11/8/2016							84		0.53
11/10/2016				0.44					
1/9/2017	0.74	1.2	0.43		0.56	0.98			
1/10/2017							64	0.58	0.51
1/11/2017				0.42					
3/13/2017	0.78	1.3	0.48		0.62	0.75			
3/14/2017				0.42					
3/15/2017								0.69	0.53
3/16/2017							78		
5/15/2017	0.76	1	0.37		0.58	0.83	63		
5/16/2017								0.66	0.48
5/18/2017				0.38					
10/2/2017	0.78	1.2	0.47		0.62	0.83			
10/3/2017							43	0.68	0.46
10/5/2017				0.39					
12/20/2017							44		
3/12/2018	0.88	1.4	0.49		0.59	0.71			
3/13/2018							68	0.65	0.46
3/14/2018				0.49					
6/5/2018	0.9	1.2	0.49						
6/6/2018					0.59	0.68			0.45
6/7/2018							89	0.6	
6/10/2018				0.39					
10/16/2018	0.86	1.4	0.42						
10/17/2018					0.54	0.66	93	0.73	
10/18/2018				0.41					0.48
2/27/2019	0.96	1.3	0.56	0.44	0.63	0.7			
2/28/2019							48	0.84	0.44
5/31/2019	0.76	1.1	0.33	0.28	0.45	0.52	47	2.6	0.55
11/6/2019	0.88	1.2	0.49	0.46	0.55	0.74			
11/11/2019							73	1.6 (V)	0.56 (V)
4/16/2020	0.84	1.3	0.36	0.38	0.53	0.59			
4/18/2020							93	0.9	0.48
10/7/2020	0.93	1.6	0.43	0.47	0.63	0.67			
10/8/2020							100		
10/9/2020								0.76	0.58
3/29/2021	1	1.6	0.46	0.43	0.68	0.75			
3/31/2021									0.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-303	MW-305	MW-300
4/1/2021							97	0.61	
9/2/2021	1.1	1.5	0.47	0.63	0.56	0.73			
9/7/2021							56	0.53	0.46

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
2/29/2016		
3/1/2016		
3/3/2016	84	160
5/2/2016		
5/3/2016		
5/4/2016	90	140
7/5/2016		
7/6/2016	72	120
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	75	94
9/8/2016		
11/7/2016		
11/8/2016	79	160
11/10/2016		
1/9/2017		
1/10/2017	61	150
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		78
3/16/2017	62	
5/15/2017		
5/16/2017	64	120
5/18/2017		
10/2/2017		
10/3/2017	59	160
10/5/2017		
12/20/2017	65	120
3/12/2018		
3/13/2018	77	110
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	78	97
6/10/2018		
10/16/2018		
10/17/2018	60	130
10/18/2018		
2/27/2019	65	
2/28/2019		120
5/31/2019	84	110
11/6/2019		
11/11/2019	63	82
4/16/2020		
4/18/2020	48	150
10/7/2020		
10/8/2020	55	
10/9/2020		120
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	73	170
9/2/2021		
9/7/2021	66	190

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	5.3	7.4	8.1	5.4					
3/1/2016					5.6	4			
3/3/2016							36	7.9	8.2
5/2/2016	4.4	6.3	6			3.6			
5/3/2016					5.1				
5/4/2016				4.5			47	7	8.2
7/5/2016	4.2	4.8	5.2		4.7	3.6			
7/6/2016							28		
7/7/2016								7.1	8.3
7/8/2016				4.9					
9/6/2016	4.3	6	5.5	4.3	4.4	4			
9/7/2016								6.9	8.1
9/8/2016							47		
11/7/2016	4.2	5.7	5.4		4.6	4.4		8	
11/8/2016							150		8.5
11/10/2016				4.5					
1/9/2017	5.3	6.8	6.1		5.3	4.4			
1/10/2017							110	<7.4 (*)	9.1
1/11/2017				5.3					
3/13/2017	5.2	6.8	5.5		5.6	4.1			
3/14/2017				5.5					
3/15/2017								8.1	48
3/16/2017							200		
5/15/2017	4.8	6.1	4.7		5.2	3.7	120		
5/16/2017								7.8	8.9
5/18/2017				5					
10/2/2017	5.5	6	6.1		5.5	4.8			
10/3/2017							38	7.1	8.9
10/5/2017				5.6					
12/20/2017							22	7.6	8.8
3/12/2018	5.3	5.9	6.1		5.6	4			
3/13/2018							82	6.9	8.3
3/14/2018				5.2					
6/5/2018	5.3	6.5	5.5						
6/6/2018					5.6	4.1			8
6/7/2018							170	7.3	
6/10/2018				5.2					
10/16/2018	5.5	5.9	5.1						
10/17/2018					5.5	3.7	110	6.8	
10/18/2018				5.2					8.1
2/27/2019	4.6	4.3	5	5.1	5.1	4			
2/28/2019							49	7.1	9.1
5/31/2019	5.1	4.5	5.4	5	5.4	3.7	50	9.8	8.2
11/6/2019	5.8	5.7	6.1	6	5.9	4.7			
11/11/2019							63	12	8.4
4/16/2020	6.1	5.6	5.3	5.8	6.2	4.9			
4/18/2020							96	8.2	8.7
10/7/2020	6.6	5.1	5.7	5.9	6.1	4.7			
10/8/2020							230		
10/9/2020								7.5	8.9
3/29/2021	10	5	5.2	5.8	6.2	5.4			
3/31/2021									8.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-303	MW-305	MW-300
4/1/2021							48	7.4	
9/2/2021	5.8	5.2	5.1	5.1	5.9	5.1			
9/7/2021							46	7	8.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
2/29/2016		
3/1/2016		
3/3/2016	43	110
5/2/2016		
5/3/2016		
5/4/2016	63	120
7/5/2016		
7/6/2016	51	130
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	57	43
9/8/2016		
11/7/2016		
11/8/2016	47	98
11/10/2016		
1/9/2017		
1/10/2017	45	150
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		65
3/16/2017	40	
5/15/2017		
5/16/2017	39	120
5/18/2017		
10/2/2017		
10/3/2017	20	21
10/5/2017		
12/20/2017	63	79
3/12/2018		
3/13/2018	130	84
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	120	86
6/10/2018		
10/16/2018		
10/17/2018	70	45
10/18/2018		
2/27/2019	94	
2/28/2019		110
5/31/2019	110	130
11/6/2019		
11/11/2019	62	81
4/16/2020		
4/18/2020	33	140
10/7/2020		
10/8/2020	36	
10/9/2020		14
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	96	71
9/2/2021		
9/7/2021	88	25

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.032	<0.032	<0.032	<0.032					
3/1/2016					<0.032	0.033 (J)			
3/3/2016							0.15	0.035 (J)	0.041 (J)
5/2/2016	<0.032	<0.032	<0.032			<0.032			
5/3/2016					<0.032				
5/4/2016				<0.032			0.11	<0.032	<0.032
7/5/2016	<0.032	<0.032	<0.032		<0.032	<0.032			
7/6/2016							0.13		
7/7/2016								<0.032	<0.032
7/8/2016				<0.032					
9/6/2016	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
9/7/2016								<0.032	<0.032
9/8/2016							0.12		
11/7/2016	<0.032	<0.032	<0.032		<0.032	<0.032		<0.032	
11/8/2016							0.13		<0.032
11/10/2016				<0.032					
1/9/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
1/10/2017							0.15	<0.032	<0.032
1/11/2017				<0.032					
3/13/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
3/14/2017				<0.032					
3/15/2017								<0.032	<0.032
3/16/2017							0.16		
5/15/2017	<0.032	<0.032	<0.032		<0.032	<0.032	0.2		
5/16/2017								<0.032	<0.032
5/18/2017				<0.032					
10/2/2017	<0.032	<0.032	<0.032		<0.032	<0.032			
10/3/2017							0.25	<0.032	<0.032
10/5/2017				<0.032					
12/20/2017							0.25		
3/12/2018	<0.032	<0.032	<0.032		<0.032	<0.032			
3/13/2018							0.26	<0.032	<0.032
3/14/2018				0.12					
6/5/2018	<0.032	<0.032	<0.032						
6/6/2018					<0.032	<0.032			<0.032
6/7/2018							0.28	<0.032	
6/10/2018				<0.032					
10/16/2018	<0.032	<0.032	<0.032						
10/17/2018					<0.032	<0.032	0.29	<0.032	
10/18/2018				<0.032					<0.032
2/27/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
2/28/2019							0.28	<0.032	<0.032
5/31/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	0.33	<0.032	<0.032
11/6/2019	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
11/11/2019							0.26	<0.032	<0.032
4/16/2020	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
4/18/2020							0.25	<0.032	<0.032
10/7/2020	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032			
10/8/2020							<0.032		
10/9/2020								<0.032	<0.032
3/29/2021	0.06	<0.032	<0.032	<0.032	<0.032	<0.032			
3/31/2021									<0.032

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-303	MW-305	MW-300
4/1/2021							0.26	0.032	
9/2/2021	0.08	<0.032	0.1	0.04	<0.032	0.04			
9/7/2021							0.24	<0.032	<0.032

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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)	<0.032
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.032
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	<0.032
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	0.14	<0.032
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		<0.032
5/31/2019	0.2	<0.032
11/6/2019		
11/11/2019	0.16	<0.032
4/16/2020		
4/18/2020	0.17	<0.032
10/7/2020		
10/8/2020	0.07 (J)	
10/9/2020		0.04 (J)
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	0.19	0.04
9/2/2021		
9/7/2021	0.17	0.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-108 (bg)	MW-107 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-308	MW-303
2/29/2016	<1.4	<1.4	1.6 (J)	<1.4					
3/1/2016					<1.4	<1.4			
3/3/2016							<1.4	230	180
5/2/2016	15 (o)		2.1 (J)	<1.4		<1.4			
5/3/2016					<1.4				
5/4/2016		<1.4					<1.4	280	200
7/5/2016	<1.4		2 (J)	<1.4	<1.4	<1.4			
7/6/2016								270	150
7/7/2016							<1.4		
7/8/2016		<1.4							
9/6/2016	<1.4	<1.4	1.8 (J)	<1.4	<1.4	3.7 (J)			
9/7/2016							<1.4	280	
9/8/2016									160
11/7/2016	<1.4		1.7 (J)	<1.4	<1.4	<1.4			
11/8/2016							<1.4	280	230
11/10/2016		<1.4							
1/9/2017	<1.4		1.5 (J)	2.6 (J)	<1.4	<1.4			
1/10/2017							<1.4	240	190
1/11/2017		<1.4							
3/13/2017	2.5 (J)		2.2 (J)	<1.4	<1.4	<1.4			
3/14/2017		<1.4							
3/15/2017							<1.4 (*)		
3/16/2017								220	190
5/15/2017	<1.4		1.9 (J)	<1.4	<1.4	<1.4			190
5/16/2017							<1.4	200	
5/18/2017		<1.4 (X)							
10/2/2017	<1.4		3.4 (J)	<1.4	1.5 (J)	1.7 (J)			
10/3/2017							<1.4	180	130
10/5/2017		<1.4							
12/20/2017								170	85
3/12/2018	<1.4		2.6 (J)	<1.4	<1.4	<1.4			
3/13/2018							<1.4	210	160
3/14/2018		<1.4							
6/5/2018	<1.4		2.6 (J)	<1.4					
6/6/2018					<1.4	<1.4	<1.4		
6/7/2018								210	280
6/10/2018		1.5 (J)							
10/16/2018	<1.4		2.8 (J)	<1.4					
10/17/2018					<1.4	<1.4		140	250
10/18/2018		<1.4					<1.4		
2/27/2019	<1.4	1.9 (J)	2.4 (J)	<1.4	<1.4	<1.4		150	
2/28/2019							<1.4		140
5/31/2019	<1.4	<1.4	3.3 (J)	<1.4	<1.4	<1.4	<1.4	210	140
11/6/2019	<1.4	<1.4	3.7 (J)	<1.4	<1.4	<1.4			
11/11/2019							<1.4	170	230
4/16/2020	<1.4	<1.4	1.7 (J)	<1.4	<1.4	<1.4			
4/18/2020							<1.4	120	260
10/7/2020	<1.4	<1.4	4 (J)	<1.4	<1.4	<1.4			
10/8/2020								170	160
10/9/2020							<1.4		
3/29/2021	<1.4	<1.4	2.3	<1.4	<1.4	<1.4			
3/31/2021							18		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-108 (bg)	MW-107 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-308	MW-303
4/1/2021								190	320
9/2/2021	<1.4	<1.4	4.7	<1.4	<1.4	<1.4			
9/7/2021							<1.4	140	120

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-305	MW-304
2/29/2016		
3/1/2016		
3/3/2016	<1.4	550
5/2/2016		
5/3/2016		
5/4/2016	<1.4	520
7/5/2016		
7/6/2016		510
7/7/2016	<1.4	
7/8/2016		
9/6/2016		
9/7/2016	<1.4	340
9/8/2016		
11/7/2016	<1.4	
11/8/2016		630
11/10/2016		
1/9/2017		
1/10/2017	<1.4	580
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	<1.4 (*)	250
3/16/2017		
5/15/2017		
5/16/2017	<1.4	410
5/18/2017		
10/2/2017		
10/3/2017	<1.4	440
10/5/2017		
12/20/2017		400
3/12/2018		
3/13/2018	1.5 (J)	460
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	<1.4	420
6/10/2018		
10/16/2018		
10/17/2018	<1.4	320
10/18/2018		
2/27/2019		
2/28/2019	2.6 (J)	490
5/31/2019	12	500
11/6/2019		
11/11/2019	5.5	340
4/16/2020		
4/18/2020	<1.4	600
10/7/2020		
10/8/2020		
10/9/2020	<1.4	300
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-305	MW-304
4/1/2021	1.9	750
9/2/2021		
9/7/2021	<1.4	530

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	20	12	<5	20					
3/1/2016					10	<5			
3/3/2016							420	18	18
5/2/2016	<5	6	<5			36			
5/3/2016					<5				
5/4/2016				6			450	38	28
7/5/2016	12	<5	14		<5	<5			
7/6/2016							280		
7/7/2016								<5	<5
7/8/2016				6					
9/6/2016	36	38	30	36	36	44			
9/7/2016								14	8
9/8/2016							410		
11/7/2016	18	<5	8		<5	30		32	
11/8/2016							580		24
11/10/2016				16					
1/9/2017	4 (J)	14	<5		<5	12			
1/10/2017							530	32	30
1/11/2017				38					
3/13/2017	6	8	<5		22	20			
3/14/2017				<5					
3/15/2017								20	32
3/16/2017							650		
5/15/2017	<5	<5	<5		6	4 (J)	500		
5/16/2017								18	<5
5/18/2017				10					
10/2/2017	<5	6	<5		16	24			
10/3/2017							310	36	34
10/5/2017				<5					
12/20/2017							150		
3/12/2018	18	<5	14		<5	<5			
3/13/2018							450	12	26
3/14/2018				8					
6/5/2018	10	14	<5						
6/6/2018					20	16			64
6/7/2018							620	<5	
6/10/2018				8					
10/16/2018	32	6	12						
10/17/2018					44	44	700	68	
10/18/2018				28					12
2/27/2019	110	110	54	68	20	28			
2/28/2019							330	28	20
5/31/2019	46	26	8	<5	32	18	300	50	36
11/6/2019	<5	<5	4 (J)	10	24	20			
11/11/2019							390	38	66
4/16/2020	28	8	18	44	6	8			
4/18/2020							520	36	62
10/7/2020	30	26	20	24	16	12			
10/8/2020							850		
10/9/2020								42	52
3/29/2021	38	28	12	26	42	40			
3/31/2021									48

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-303	MW-305	MW-300
4/1/2021							600	52	
9/2/2021	40	8	10	8	10	<5			
9/7/2021							360	24	54

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
2/29/2016		
3/1/2016		
3/3/2016	490	1100
5/2/2016		
5/3/2016		
5/4/2016	690	1200
7/5/2016		
7/6/2016	500	870
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	590	650
9/8/2016		
11/7/2016		
11/8/2016	530	1100
11/10/2016		
1/9/2017		
1/10/2017	510	1300
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		500
3/16/2017	420	
5/15/2017		
5/16/2017	430	850
5/18/2017		
10/2/2017		
10/3/2017	320	760
10/5/2017		
12/20/2017	410	830
3/12/2018		
3/13/2018	590	880
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	530	670
6/10/2018		
10/16/2018		
10/17/2018	390	770
10/18/2018		
2/27/2019	420	
2/28/2019		880
5/31/2019	620	1200
11/6/2019		
11/11/2019	410	370
4/16/2020		
4/18/2020	280	1000
10/7/2020		
10/8/2020	380	
10/9/2020		580
3/29/2021		
3/31/2021		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2021 9:11 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	560	1200
9/2/2021		
9/7/2021	450	1000

Appendix III - Intrawell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:16 AM

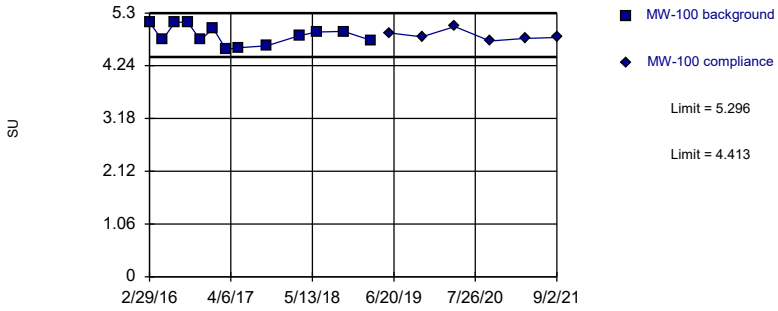
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	9/2/2021	4.81	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	9/2/2021	5.07	No	13	4.955	0.258	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-107	5.461	4.357	9/2/2021	4.87	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	9/2/2021	4.77	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	9/7/2021	4.52	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	9/7/2021	6.56	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	9/7/2021	5.1	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	9/7/2021	4.68	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	9/2/2021	4.94	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	9/2/2021	5.16	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	9/7/2021	6.13	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

Sanitas™ v.9.6.32 . UG

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 12/13/2021 9:13 AM View: 300 Series Intrawell

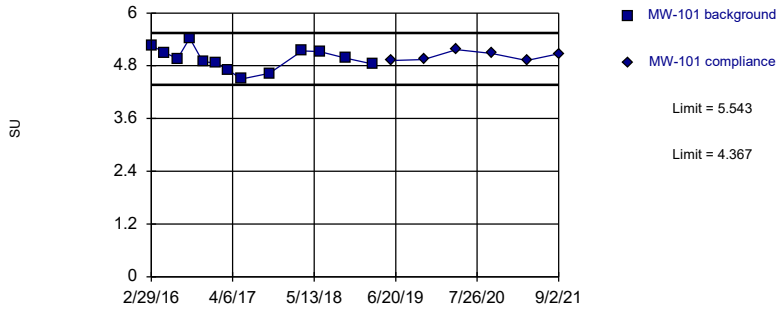
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

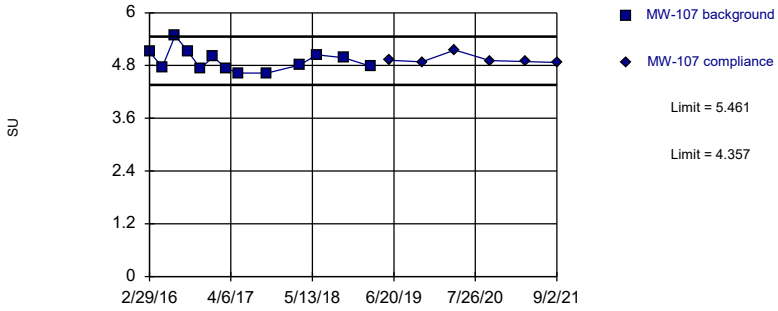
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

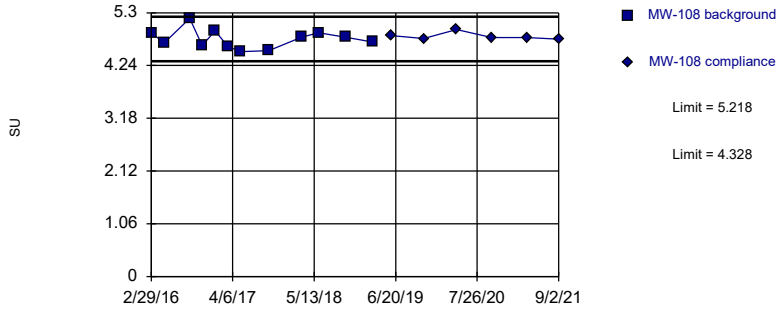
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

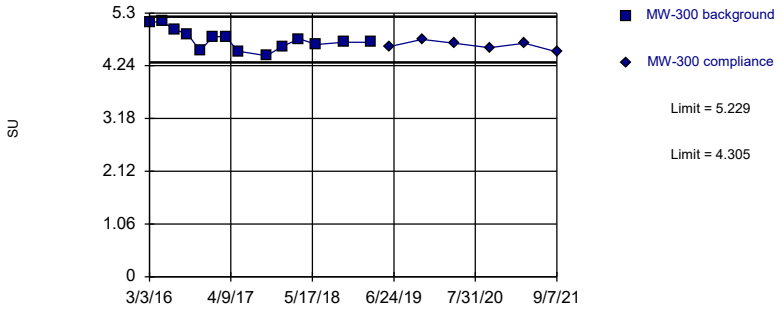
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

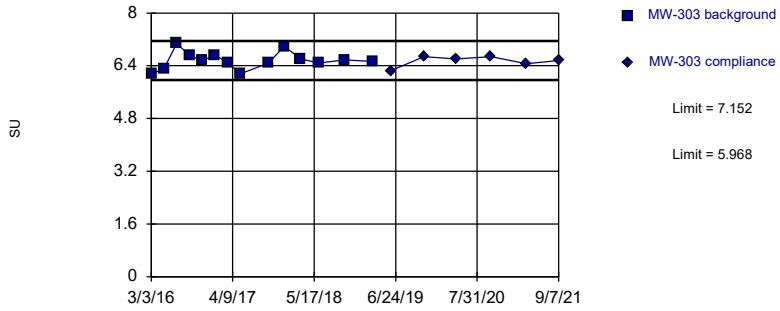
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

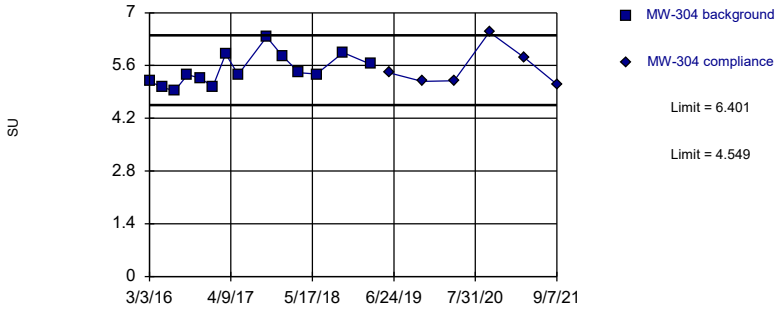
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

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 12/13/2021 9:13 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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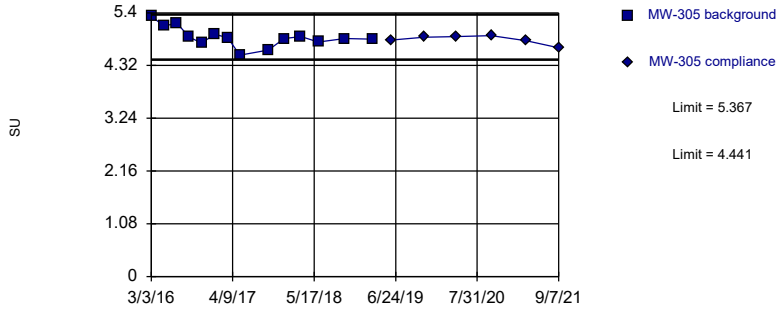
Within Limits

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 12/13/2021 9:13 AM View: 300 Series Intrawell

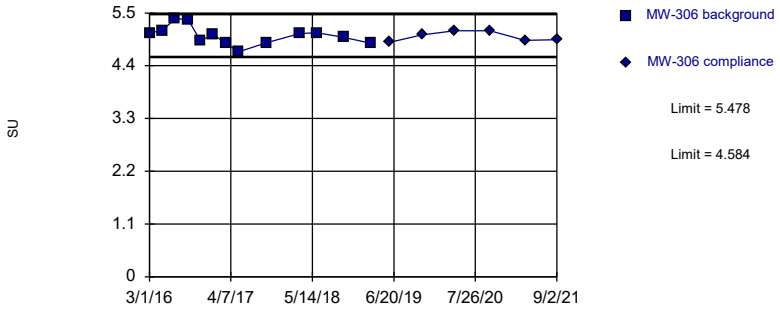
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

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 12/13/2021 9:13 AM View: 300 Series Intrawell

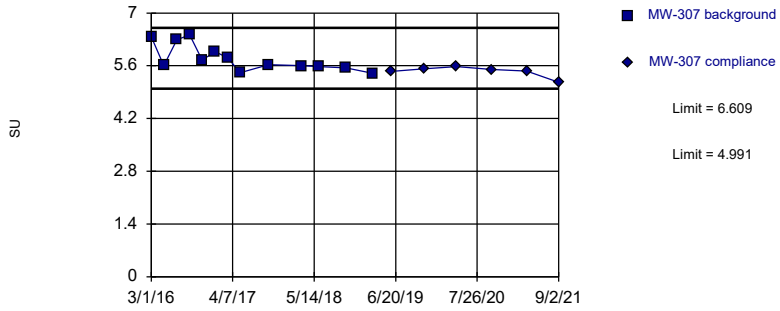
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

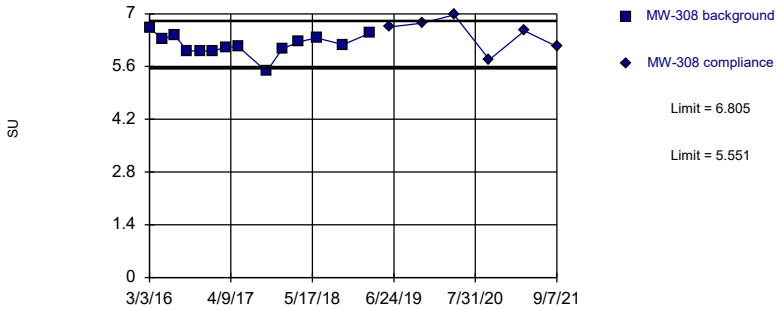
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Appendix III - Intrawell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:16 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	9/2/2021	4.81	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	9/2/2021	5.07	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	9/2/2021	4.87	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	9/2/2021	4.77	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	9/7/2021	4.52	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	9/7/2021	6.56	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	9/7/2021	5.1	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	9/7/2021	4.68	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	9/2/2021	4.94	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	9/2/2021	5.16	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	9/7/2021	6.13	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.79
9/2/2021		4.81

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.92
9/2/2021		5.07

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.89
9/2/2021		4.87

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.8
9/2/2021		4.77

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/31/2021		4.69
9/7/2021		4.52

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
4/1/2021		6.46
9/7/2021		6.56

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
4/1/2021		5.81
9/7/2021		5.1

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
4/1/2021		4.83
9/7/2021		4.68

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		4.93
9/2/2021		4.94

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
3/29/2021		5.46
9/2/2021		5.16

Prediction Limit

Constituent: Field pH (SU) Analysis Run 12/13/2021 9:16 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
4/1/2021		6.55
9/7/2021		6.13

Trend Tests - 100, 200 & 300 Series

100 Series

Appendix III - Trend Test Summary - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 6:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06814**	**92**	**74**	**Yes**	**19**	**21.05**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.511**	**118**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**1.897**	**123**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.283**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - 100 Series Wells - All Results

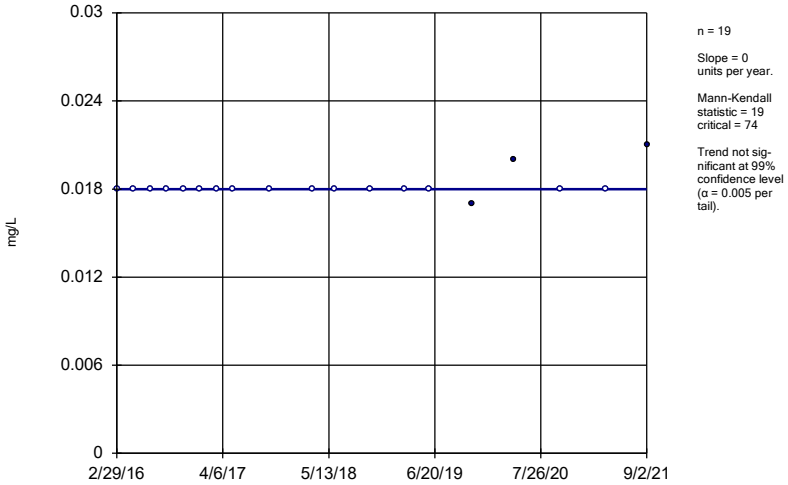
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 6:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	19	74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-17	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02395	-45	-81	No	20	15	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0	11	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	2.2e-9	1	81	No	20	10	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-23	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	9	74	No	19	73.68	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06814**	**92**	**74**	**Yes**	**19**	**21.05**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.2149	52	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.005298	-17	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-103	-0.196	-80	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-104	3.337	80	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-105	0.6698	16	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01798	-46	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07115	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-109**	**0.511**	**118**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	0.8461	25	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.003315	12	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1603	58	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**1.897**	**123**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	-1.266	-5	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	-1.171	-20	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1014	-43	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.283**	**114**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	2.629	13	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.215	74	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02151	-25	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01106	-10	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.02001	32	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.01639	-8	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.02366	-23	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-33	-74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	17	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.01303	-27	-81	No	20	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	1	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	9	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.551	-57	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	27.68	23	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	-0.3512	-11	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-109	0.2481	8	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	8.782	48	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-2	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-15	-74	No	19	89.47	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.563	56	74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9518	19	74	No	19	15.79	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	0	-4	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	0	-1	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9071	29	74	No	19	36.84	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.6222	31	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-109	6.246	56	74	No	19	5.263	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	28.44	42	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.481	49	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-6	-74	No	19	21.05	n/a	n/a	0.01	NP

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 19
critical = 74

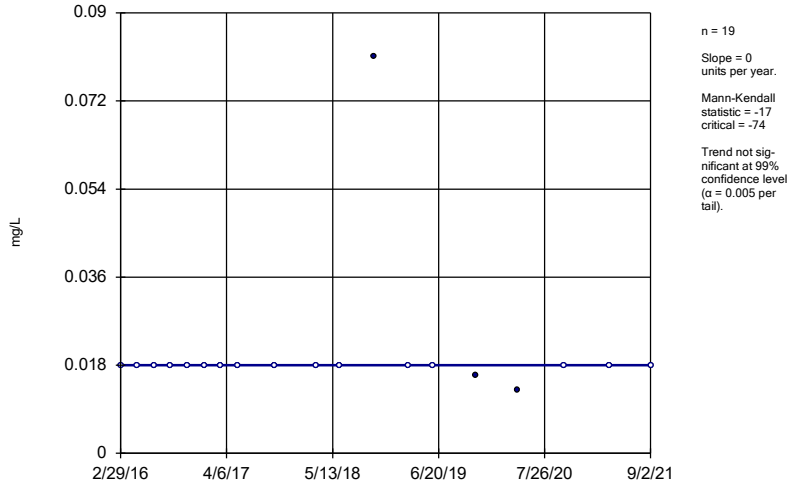
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:22 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:22 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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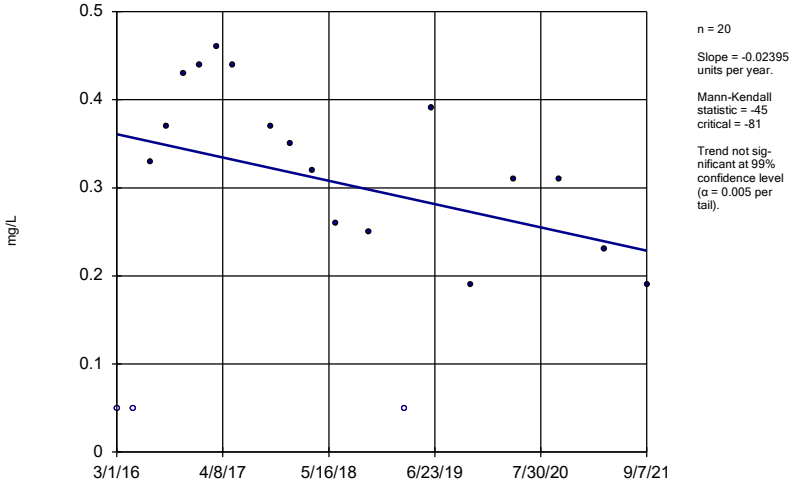
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-103



n = 20

Slope = -0.02395 units per year.

Mann-Kendall statistic = -45
critical = -81

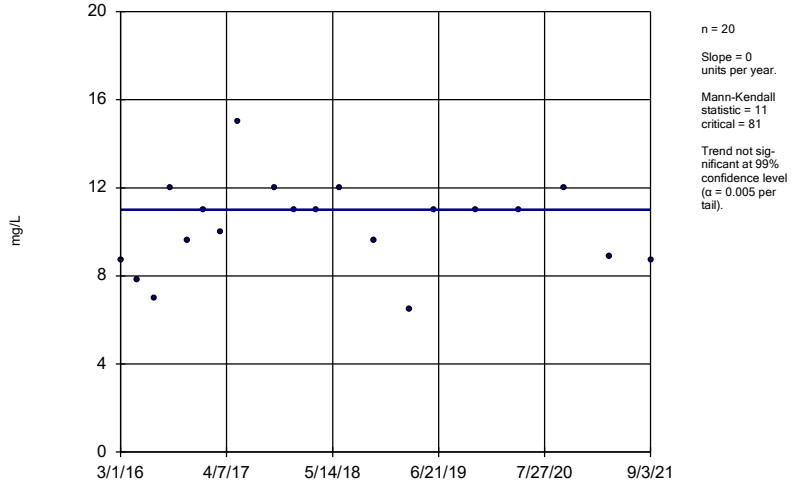
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:22 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 11
critical = 81

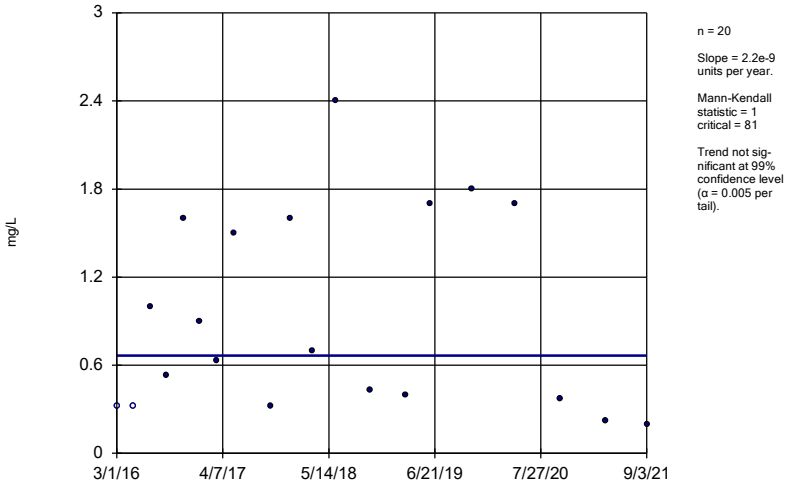
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:22 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-105



n = 20

Slope = 2.2e-9 units per year.

Mann-Kendall statistic = 1
critical = 81

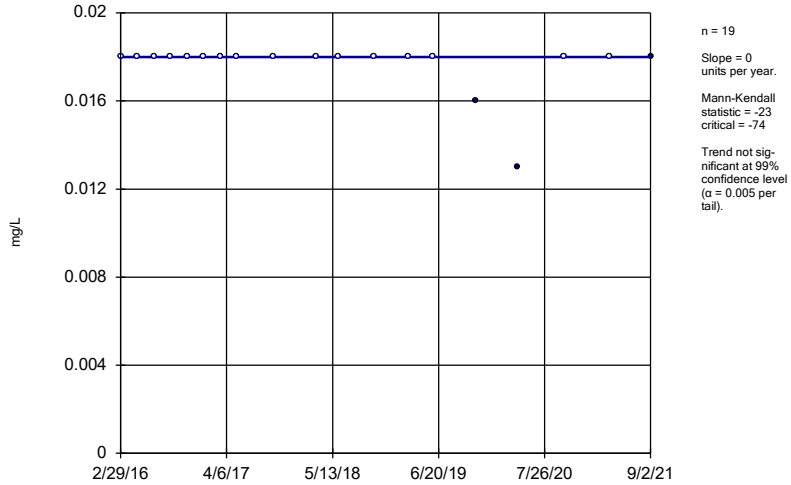
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:22 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -74

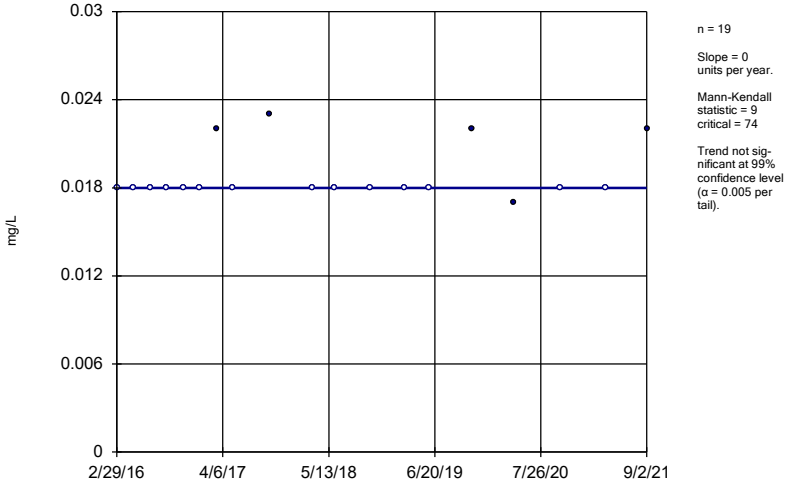
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:22 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 74

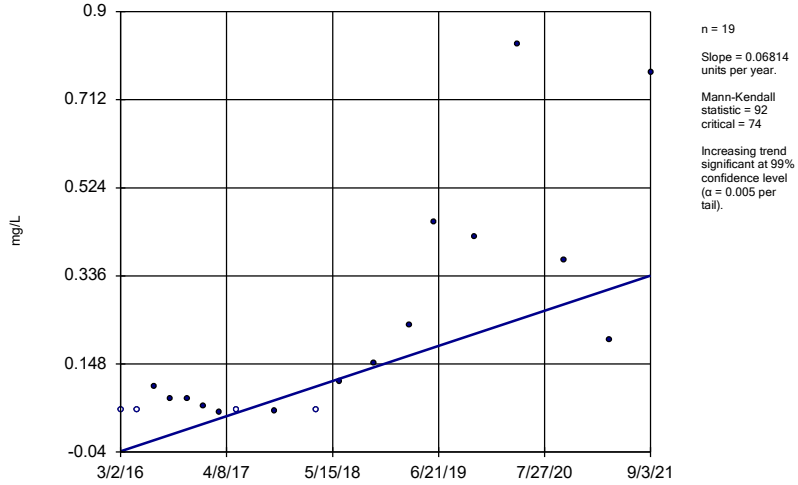
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-109



n = 19

Slope = 0.06814 units per year.

Mann-Kendall statistic = 92
critical = 74

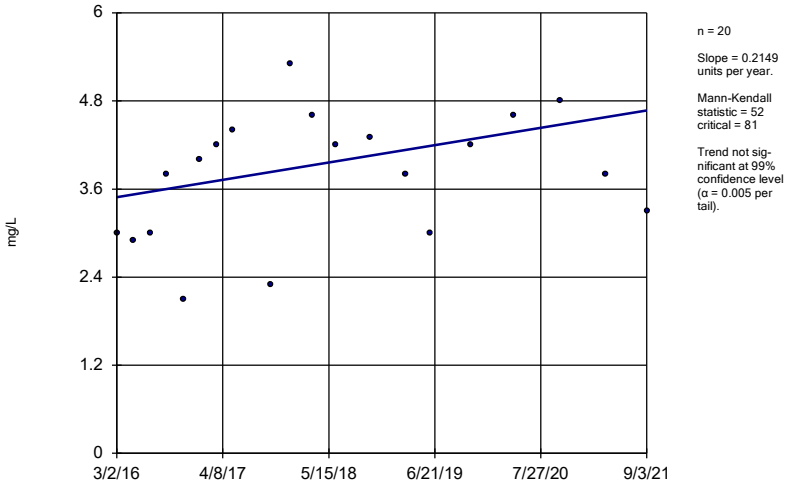
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-110



n = 20

Slope = 0.2149 units per year.

Mann-Kendall statistic = 52
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

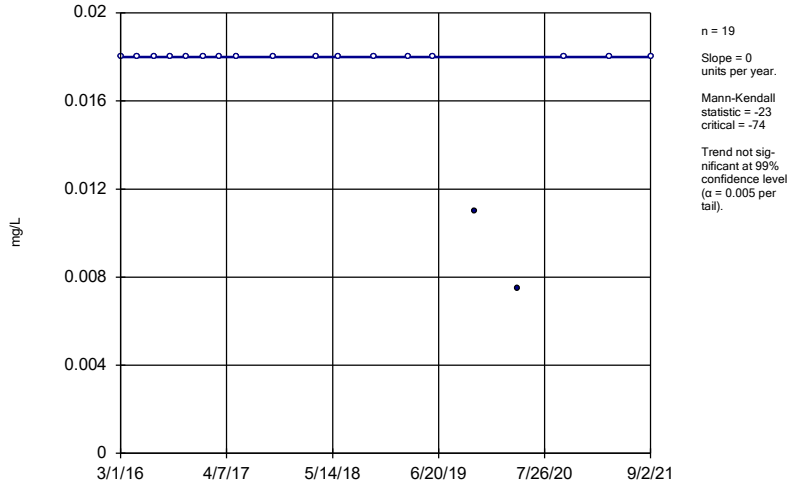
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

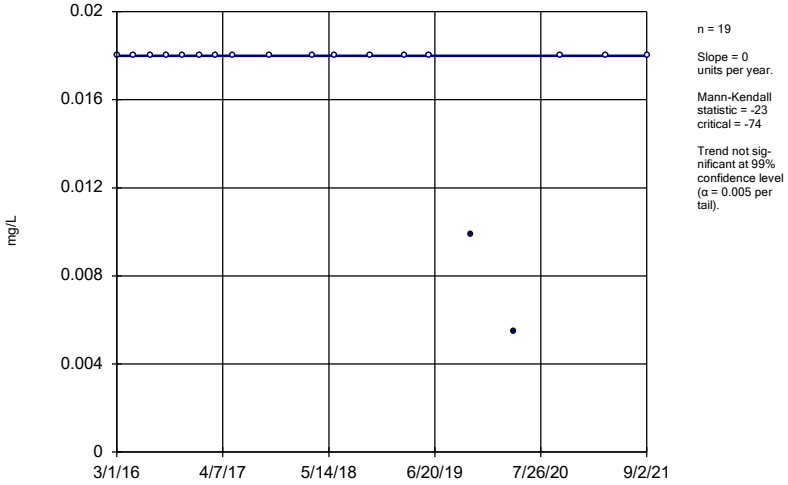
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

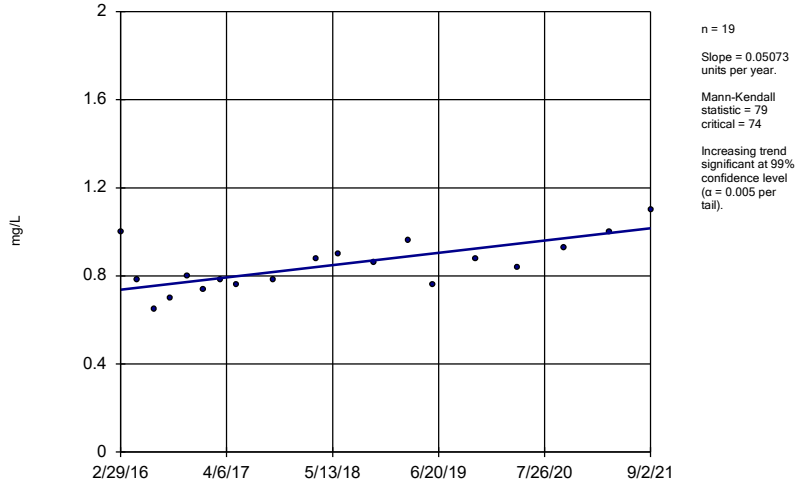
Constituent: Boron Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0.05073 units per year.

Mann-Kendall statistic = 79
critical = 74

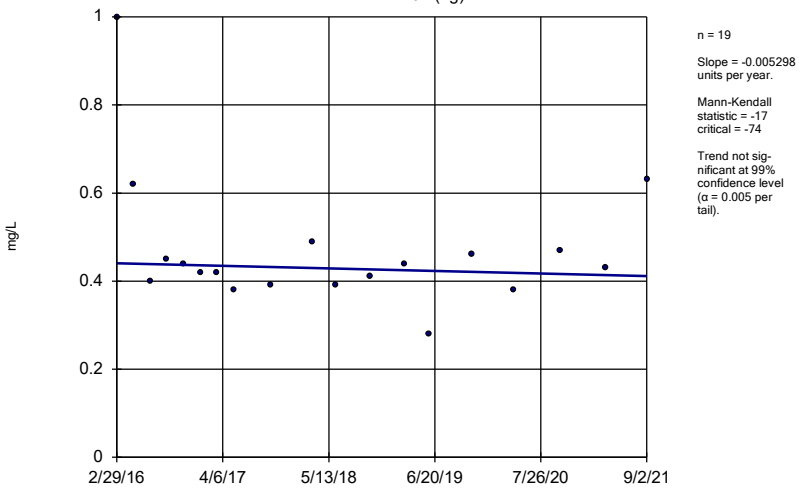
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = -0.005298 units per year.

Mann-Kendall statistic = -17
critical = -74

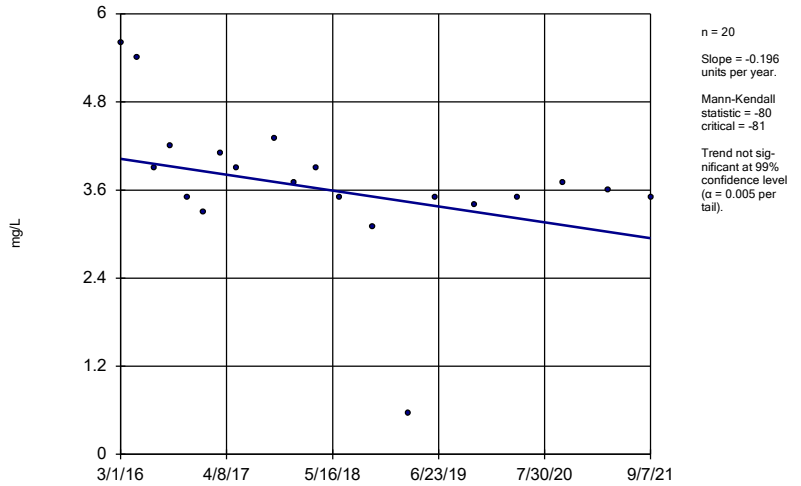
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-103



n = 20

Slope = -0.196 units per year.

Mann-Kendall statistic = -80
critical = -81

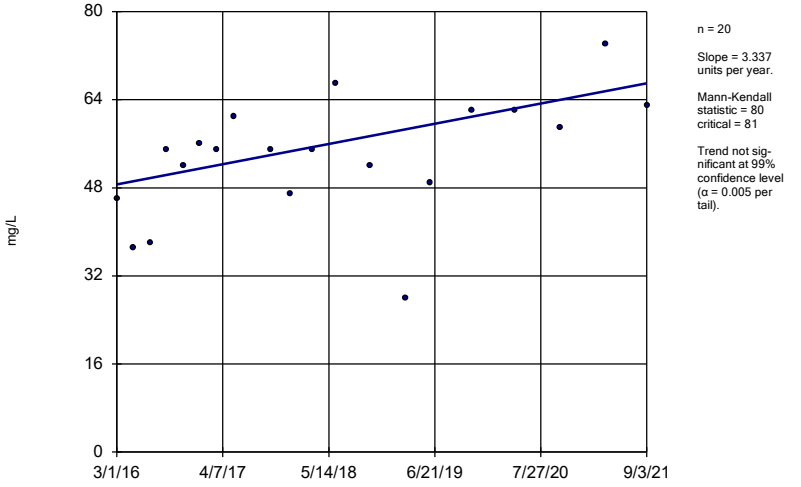
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 20

Slope = 3.337 units per year.

Mann-Kendall statistic = 80
critical = 81

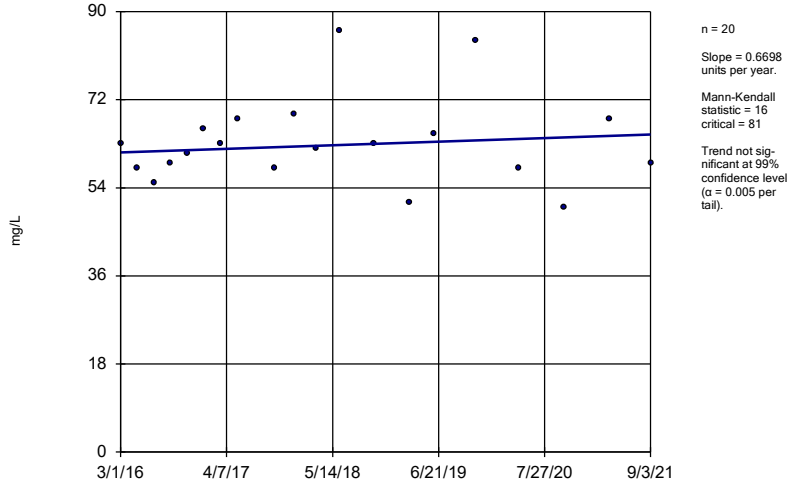
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-105



n = 20

Slope = 0.6698 units per year.

Mann-Kendall statistic = 16
critical = 81

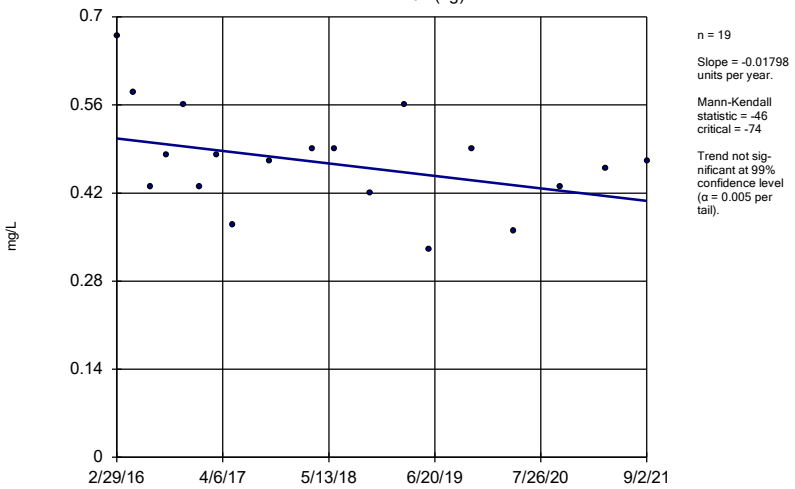
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.01798 units per year.

Mann-Kendall statistic = -46
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

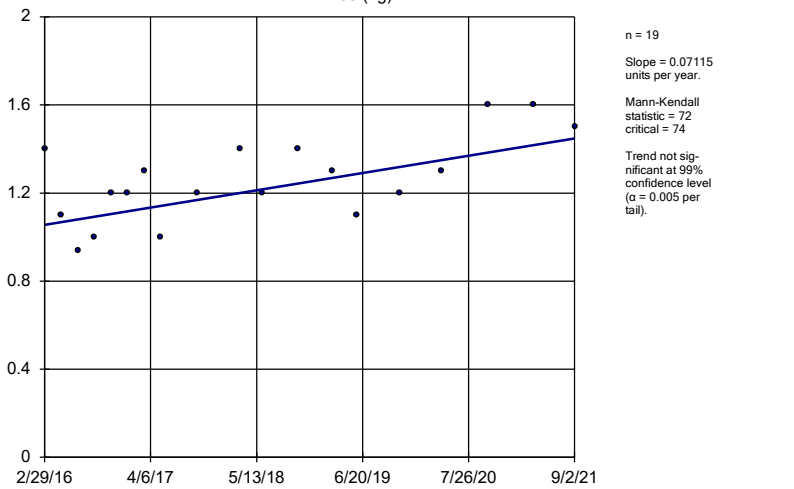
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.07115 units per year.

Mann-Kendall statistic = 72
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

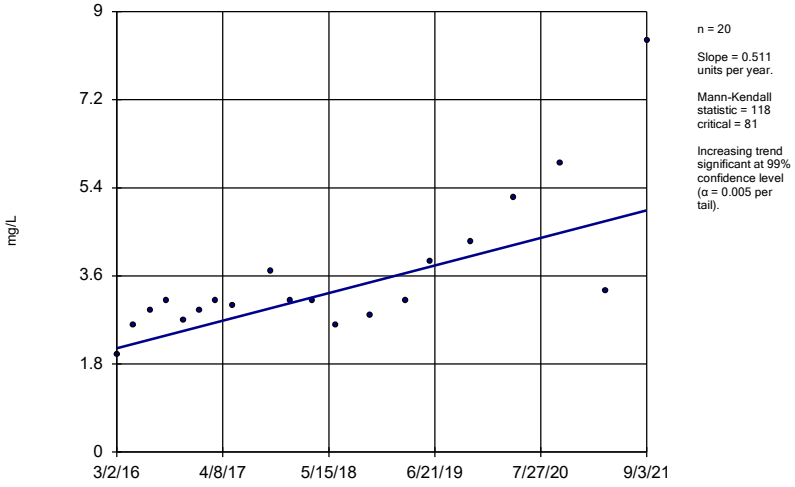
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-109



n = 20

Slope = 0.511 units per year.

Mann-Kendall statistic = 118
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

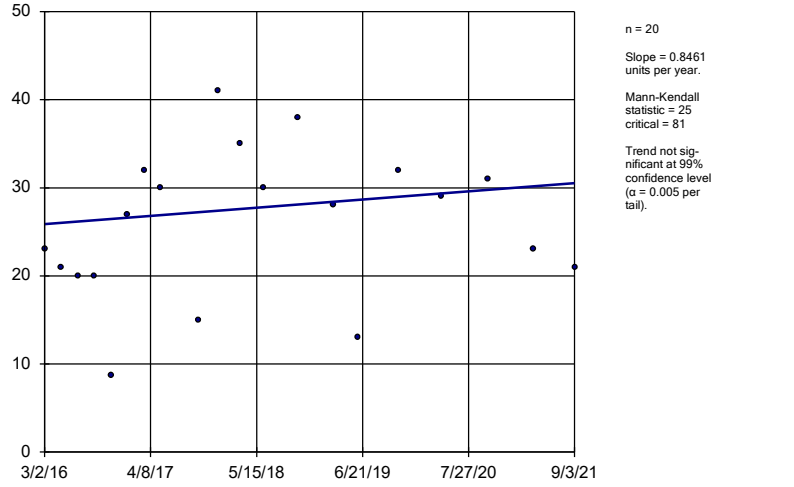
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-110



n = 20

Slope = 0.8461 units per year.

Mann-Kendall statistic = 25
critical = 81

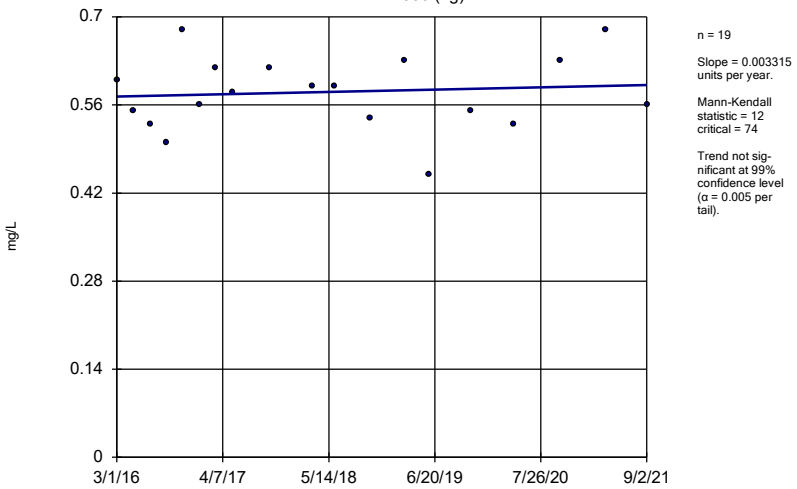
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0.003315 units per year.

Mann-Kendall statistic = 12
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

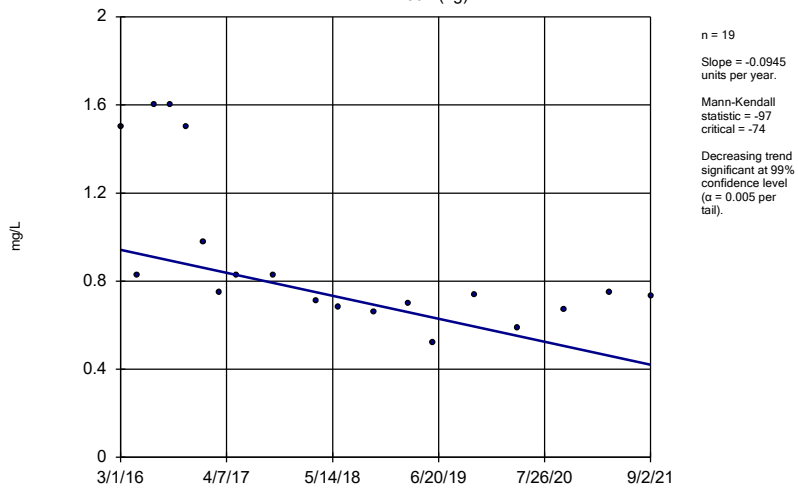
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = -0.0945 units per year.

Mann-Kendall statistic = -97
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

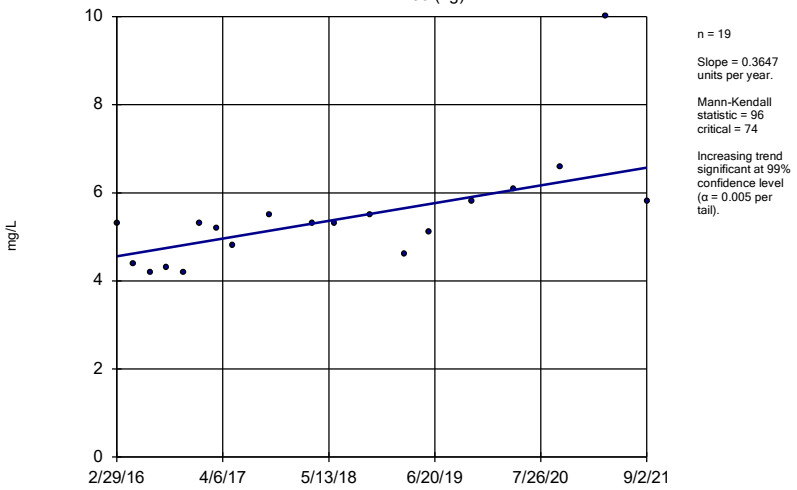
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0.3647 units per year.

Mann-Kendall statistic = 96
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

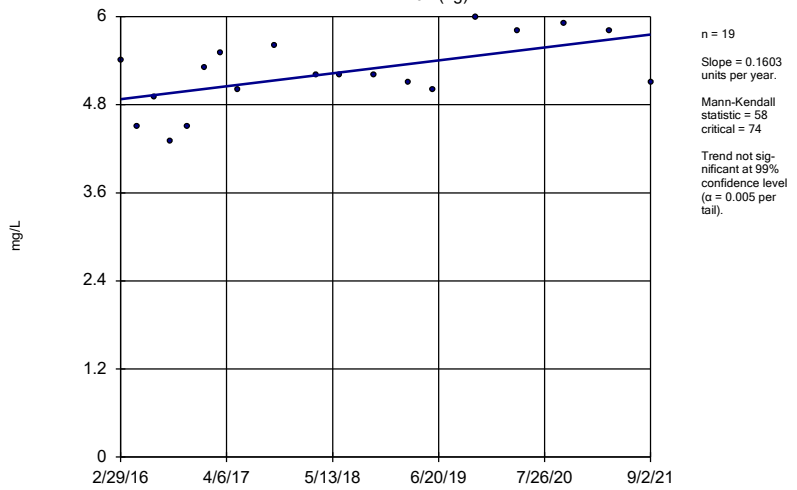
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0.1603 units per year.

Mann-Kendall statistic = 58
critical = 74

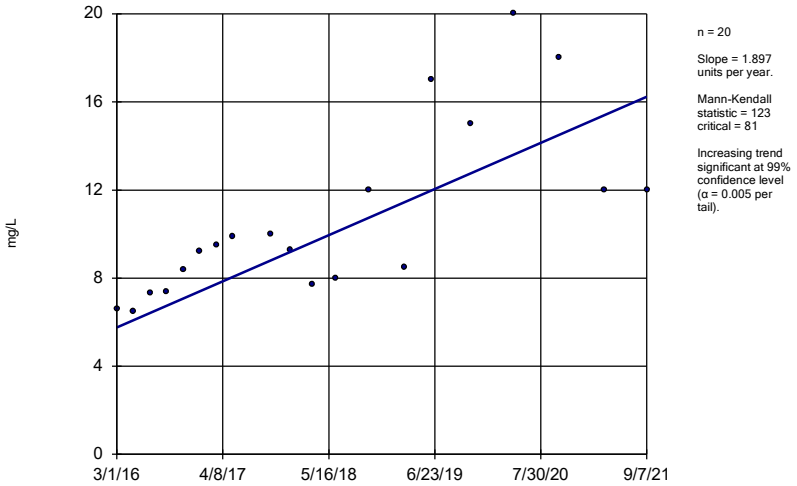
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-103



n = 20

Slope = 1.897 units per year.

Mann-Kendall statistic = 123 critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

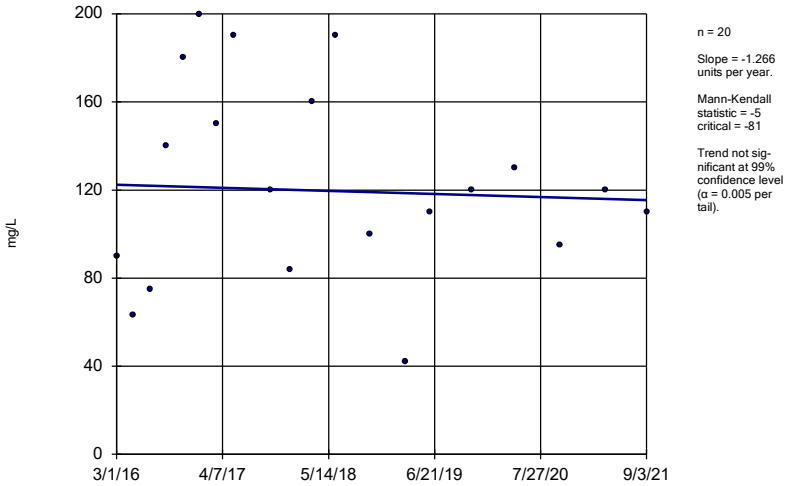
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 20

Slope = -1.266 units per year.

Mann-Kendall statistic = -5 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

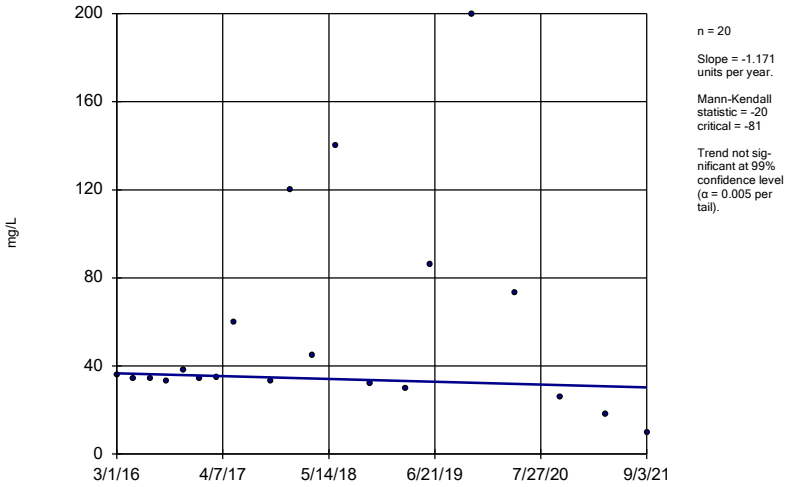
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-105



n = 20

Slope = -1.171 units per year.

Mann-Kendall statistic = -20 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

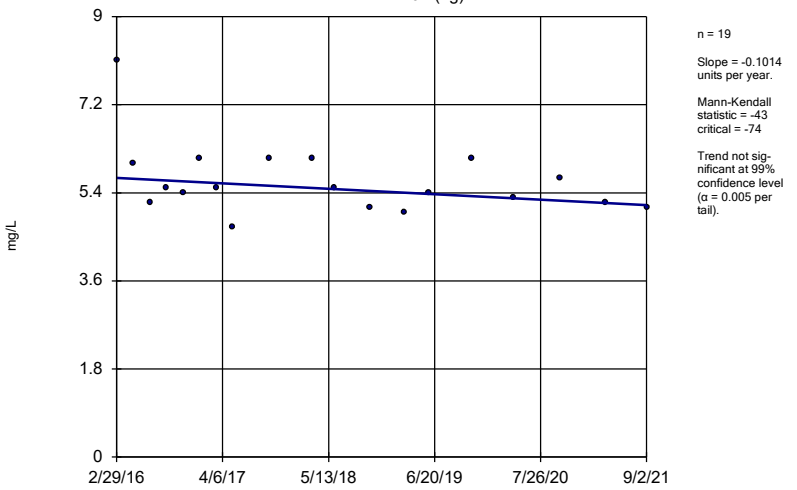
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.1014 units per year.

Mann-Kendall statistic = -43 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

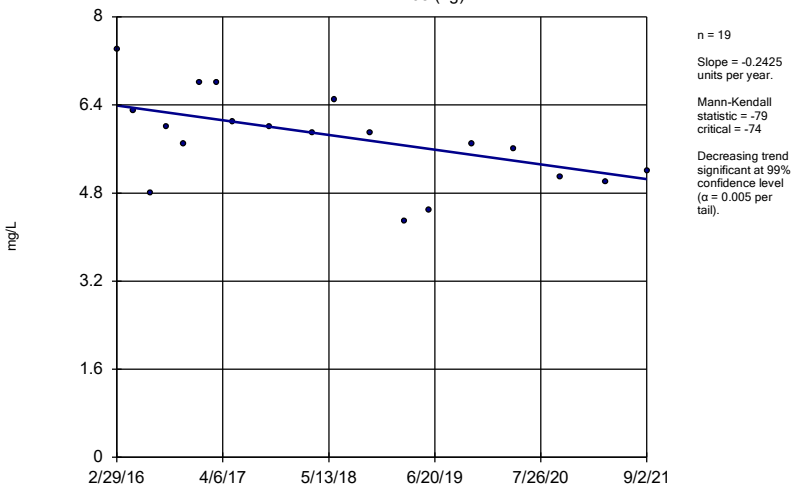
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = -0.2425 units per year.

Mann-Kendall statistic = -79 critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

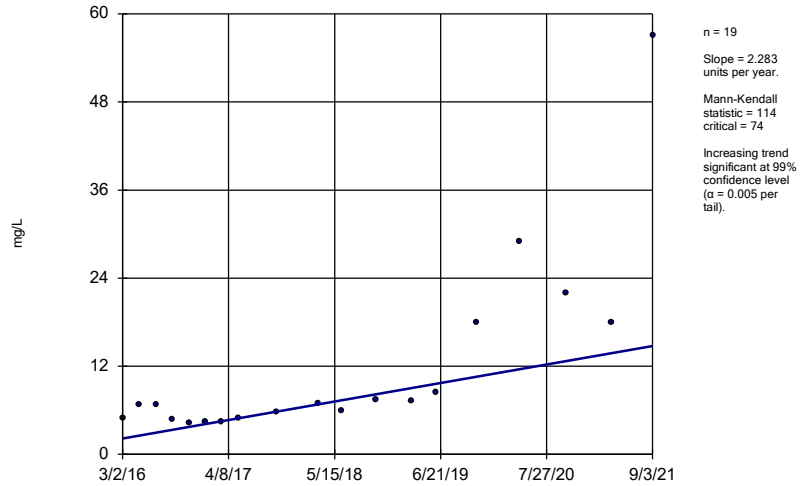
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-109



n = 19

Slope = 2.283 units per year.

Mann-Kendall statistic = 114 critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

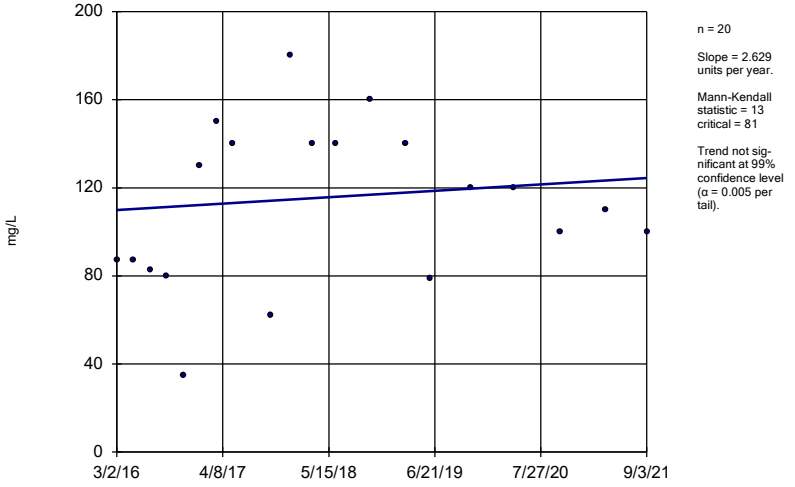
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-110



n = 20

Slope = 2.629 units per year.

Mann-Kendall statistic = 13 critical = 81

Trend not sig-nificant at 99% confidence level (α = 0.005 per tail).

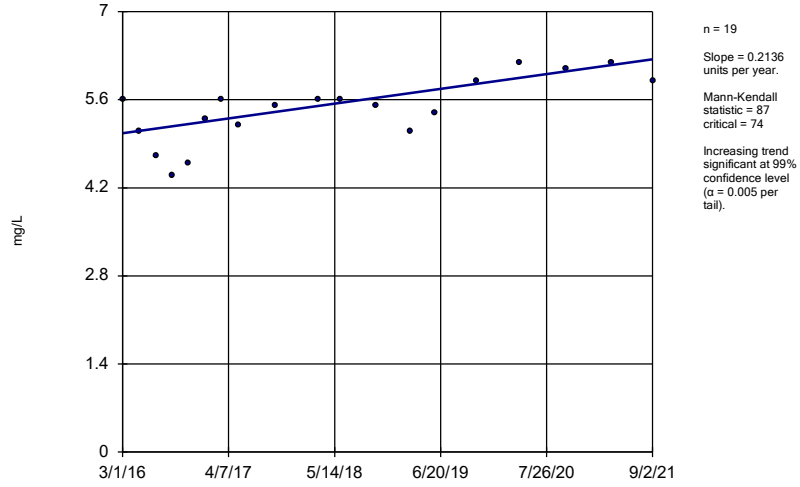
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0.2136 units per year.

Mann-Kendall statistic = 87 critical = 74

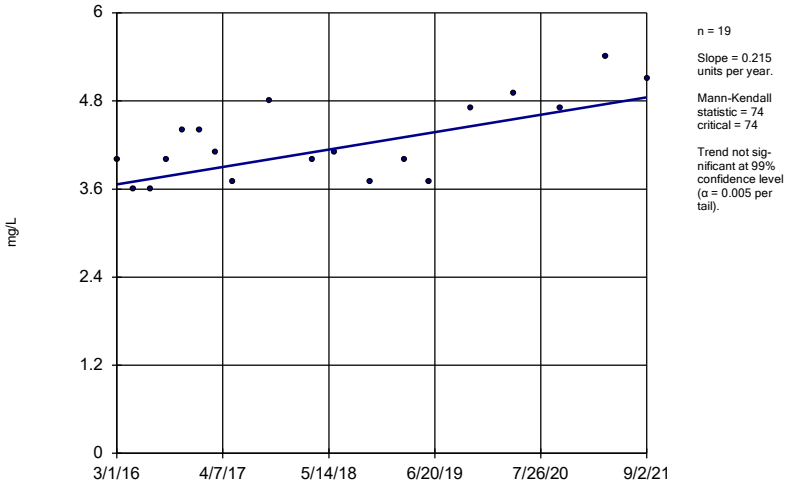
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0.215 units per year.

Mann-Kendall statistic = 74
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

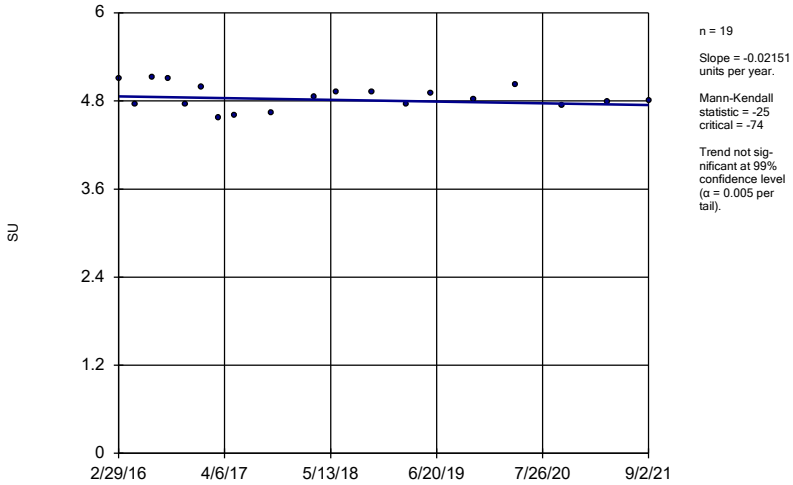
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = -0.02151 units per year.

Mann-Kendall statistic = -25
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

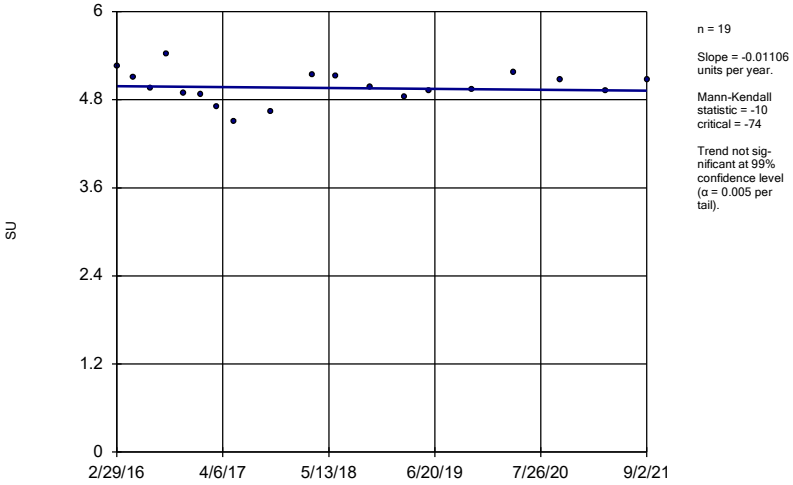
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = -0.01106 units per year.

Mann-Kendall statistic = -10
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

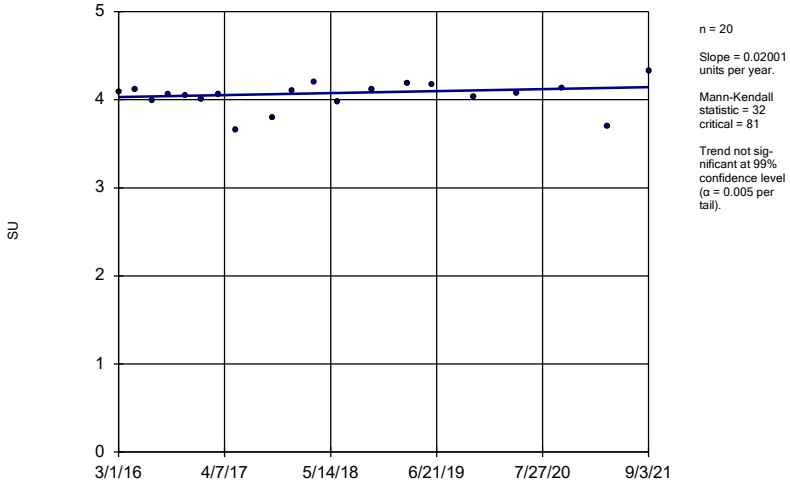
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 20

Slope = 0.02001 units per year.

Mann-Kendall statistic = 32
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

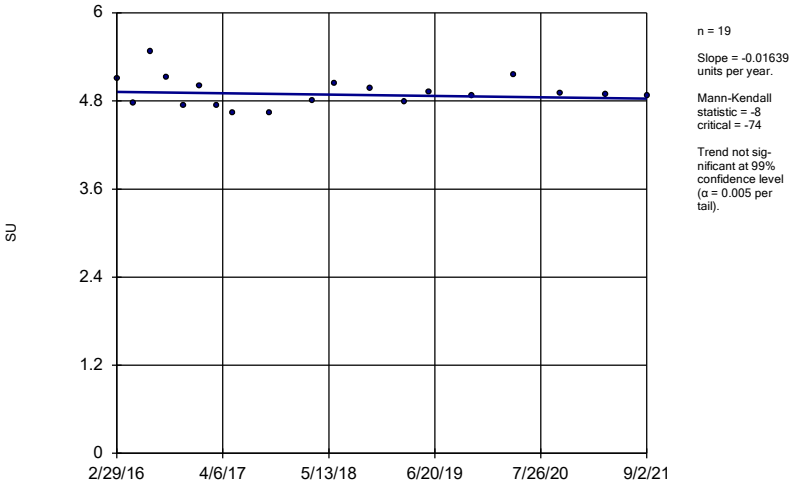
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.01639 units per year.

Mann-Kendall statistic = -8
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

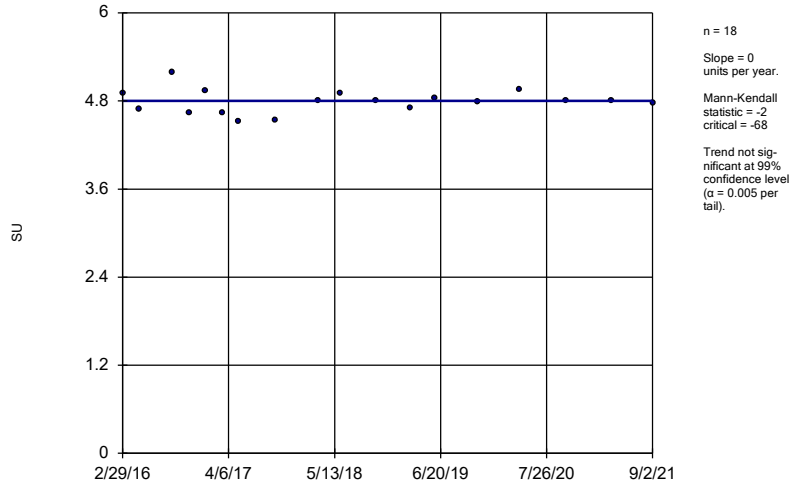
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -2
critical = -68

Trend not significant at 99% confidence level (α = 0.005 per tail).

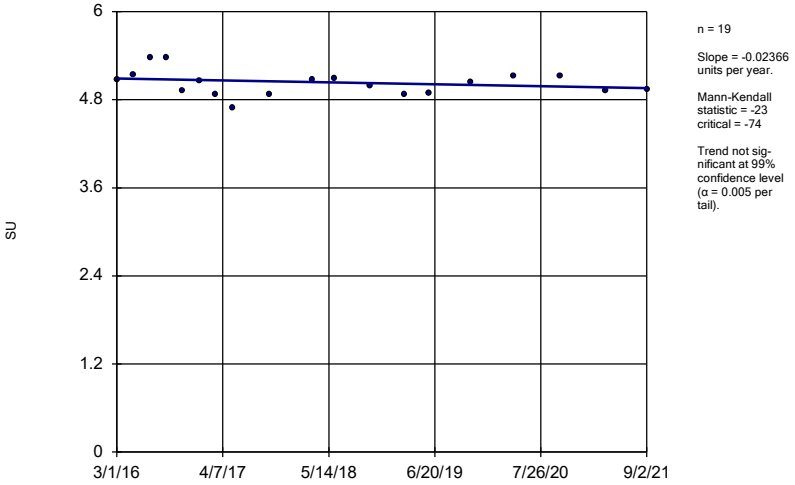
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = -0.02366 units per year.

Mann-Kendall statistic = -23
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

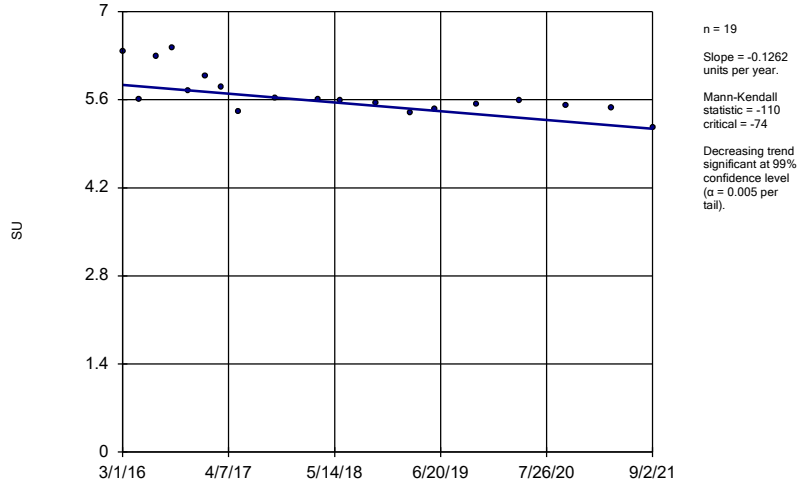
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = -0.1262 units per year.

Mann-Kendall statistic = -110
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

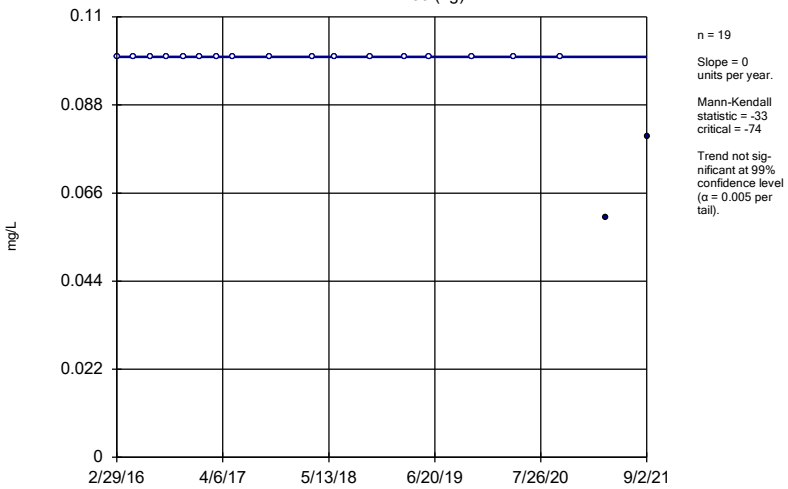
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -33
critical = -74

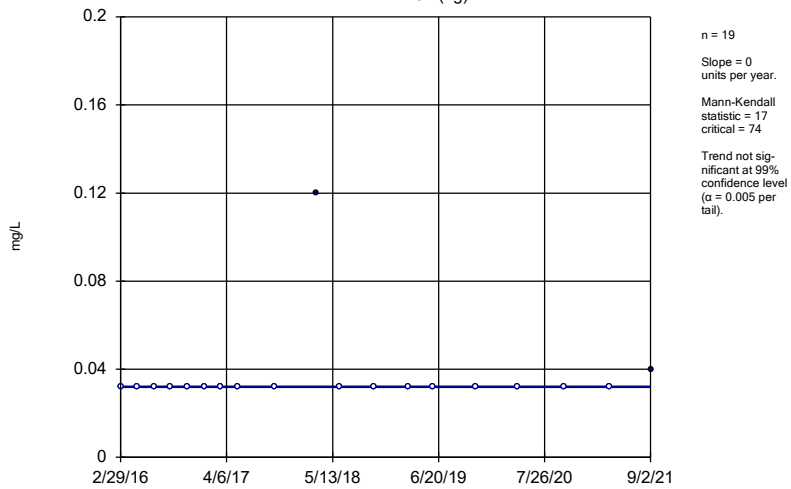
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 17
critical = 74

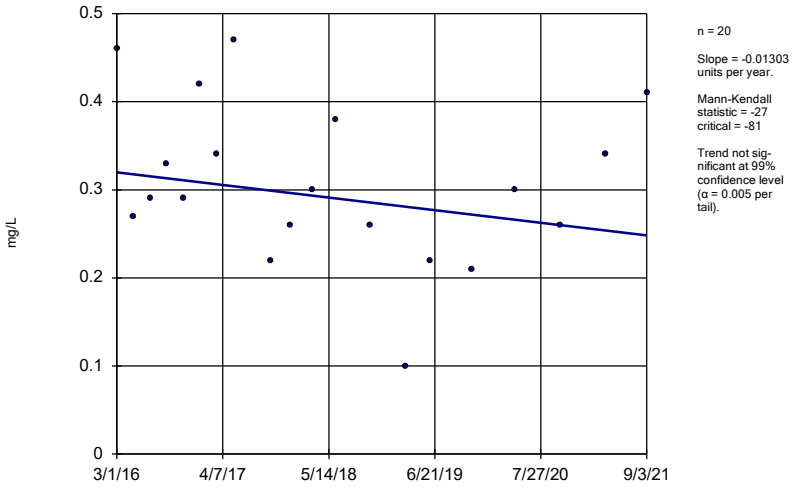
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 20

Slope = -0.01303 units per year.

Mann-Kendall statistic = -27
critical = -81

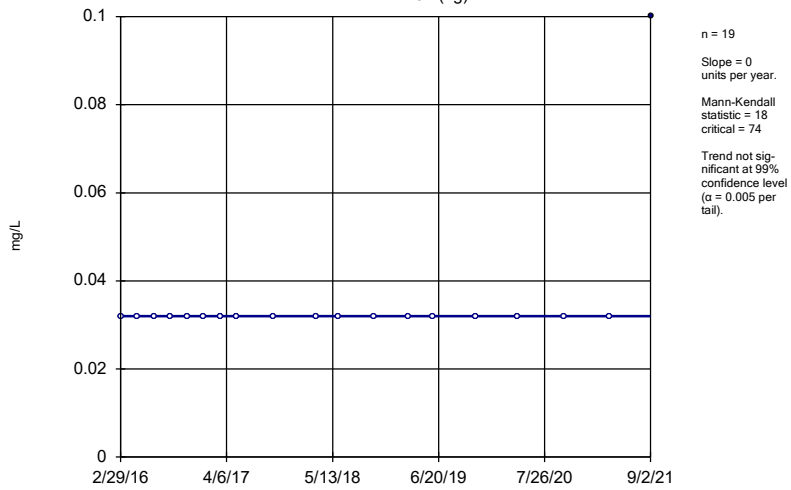
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 18
critical = 74

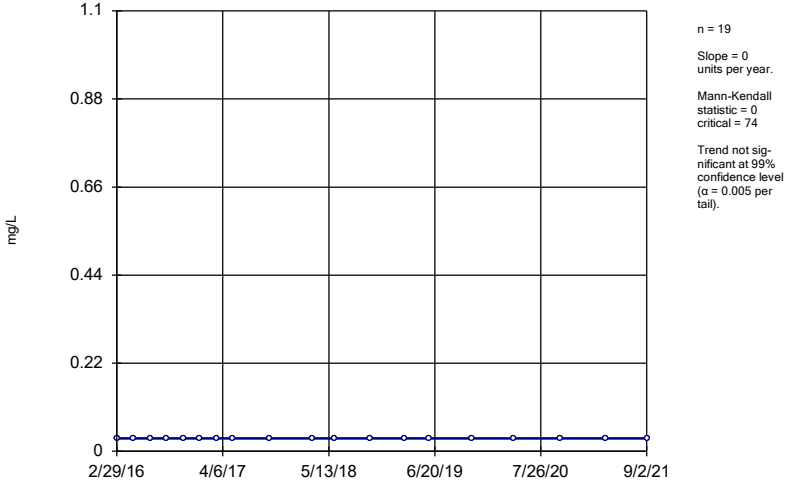
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

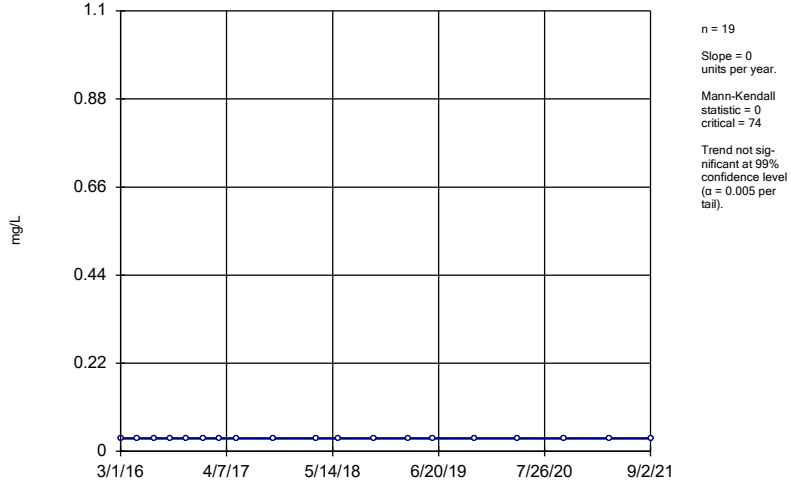


Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

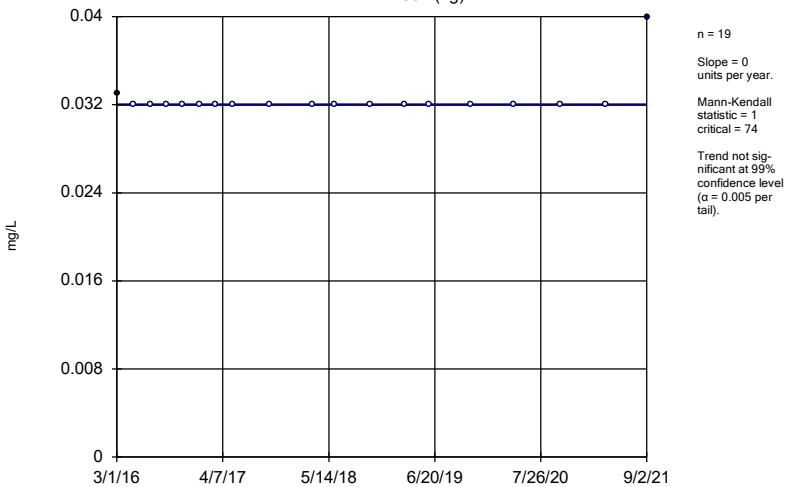


Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

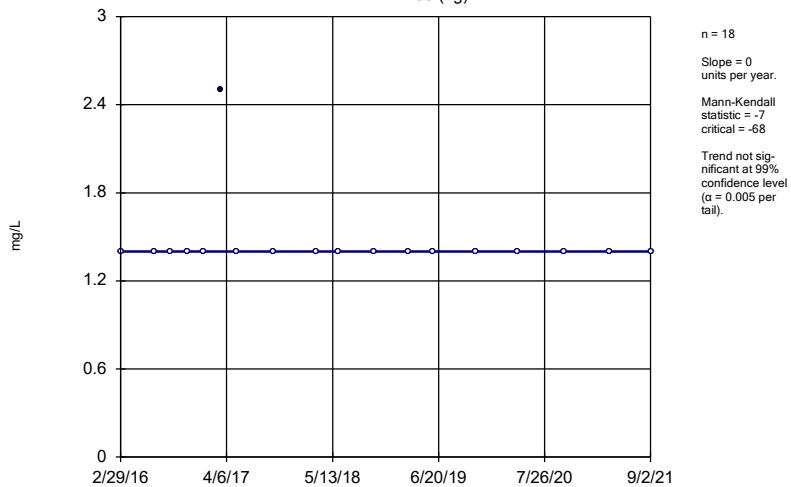


Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



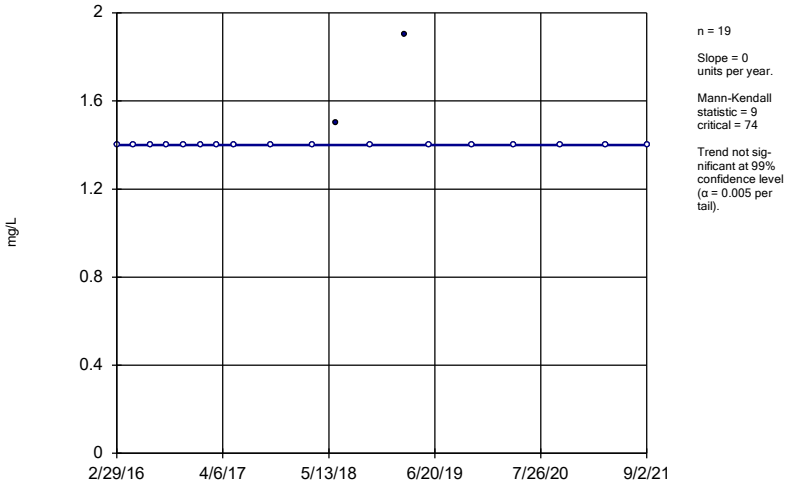
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 9 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

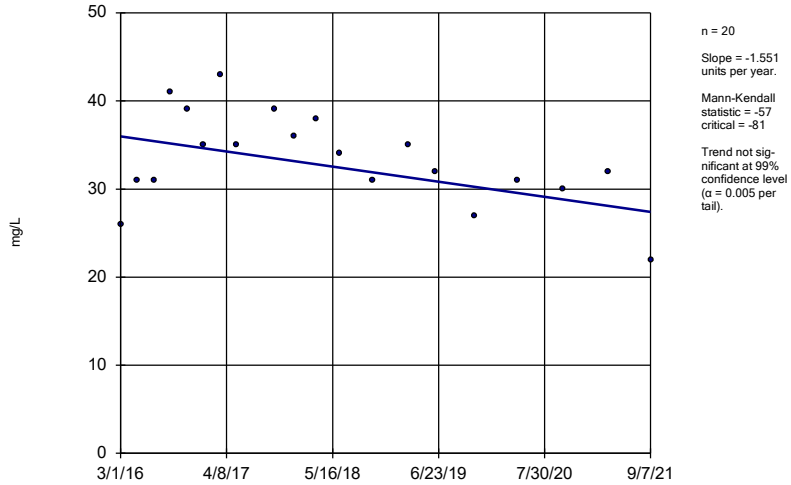
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-103



n = 20

Slope = -1.551 units per year.

Mann-Kendall statistic = -57 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

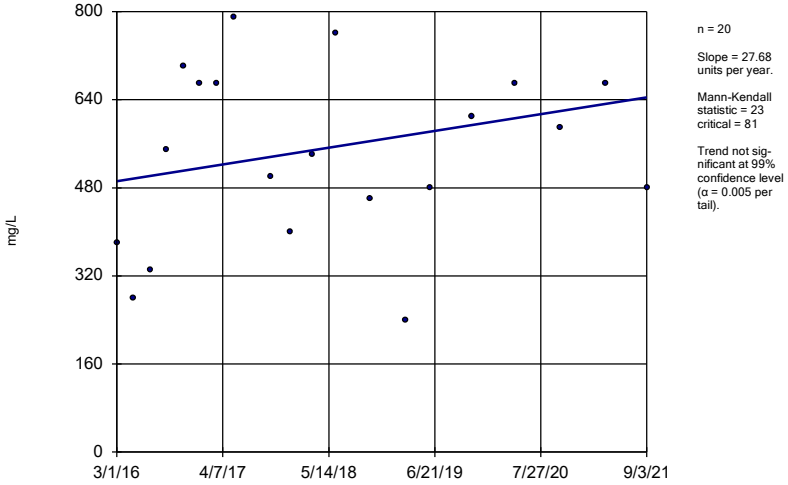
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 20

Slope = 27.68 units per year.

Mann-Kendall statistic = 23 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

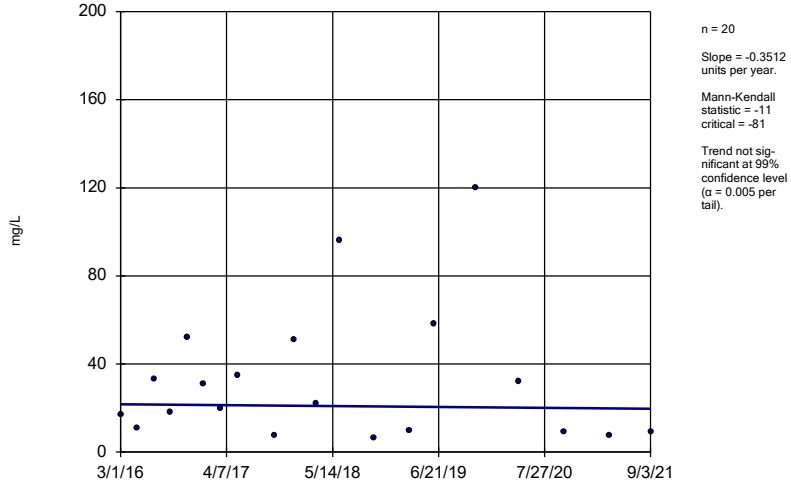
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-105



n = 20

Slope = -0.3512 units per year.

Mann-Kendall statistic = -11 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

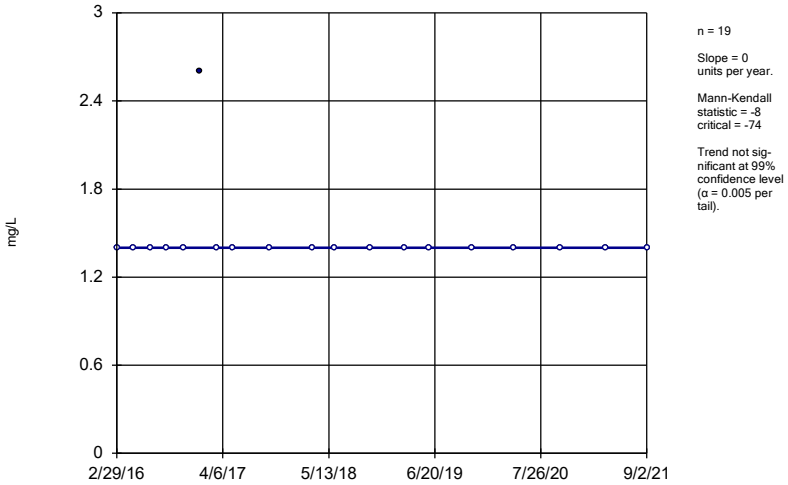
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -8
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

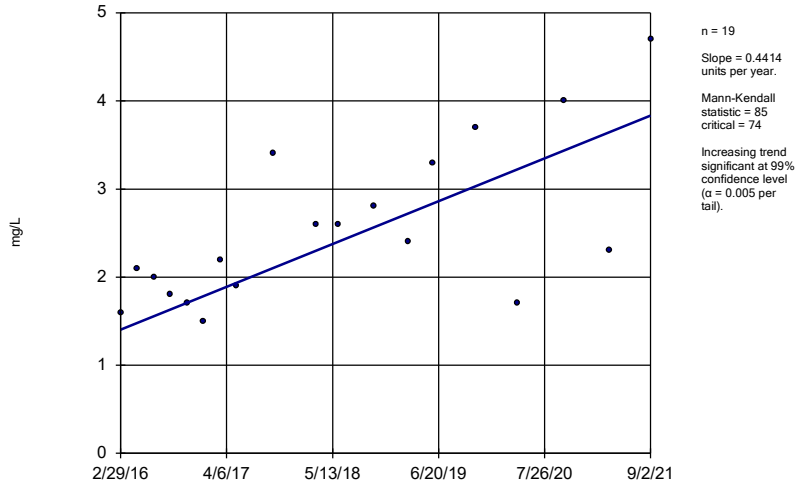
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.4414 units per year.

Mann-Kendall statistic = 85
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

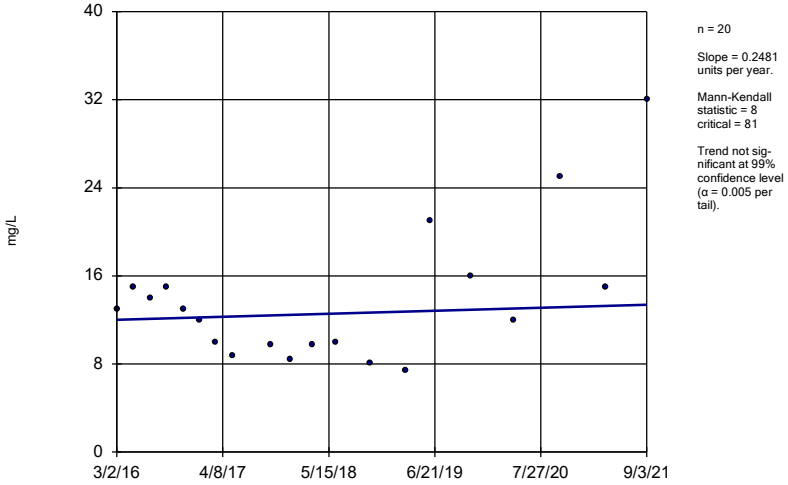
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-109



n = 20

Slope = 0.2481 units per year.

Mann-Kendall statistic = 8
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

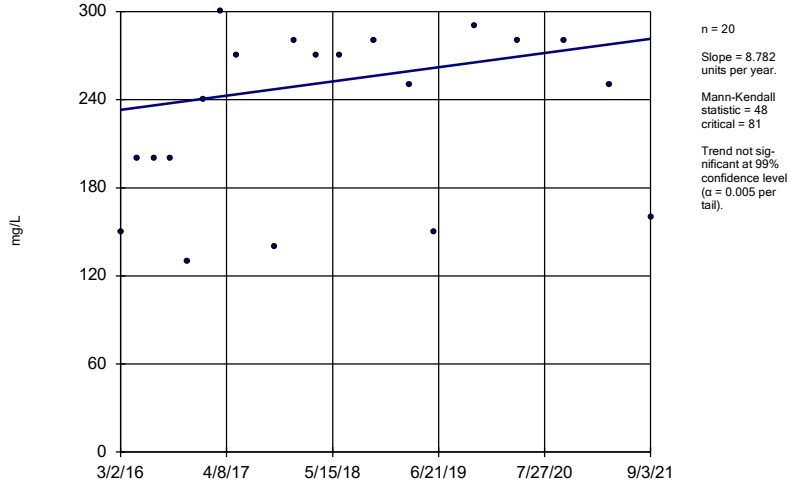
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-110



n = 20

Slope = 8.782 units per year.

Mann-Kendall statistic = 48
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

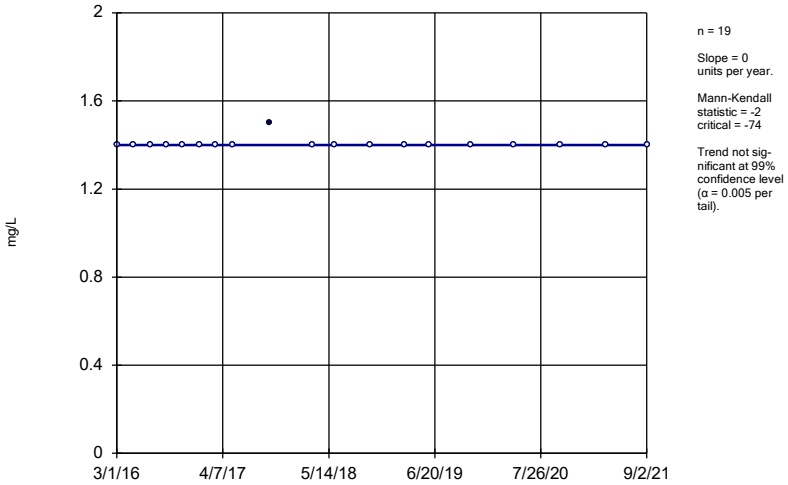
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0
units per year.

Mann-Kendall
statistic = -2
critical = -74

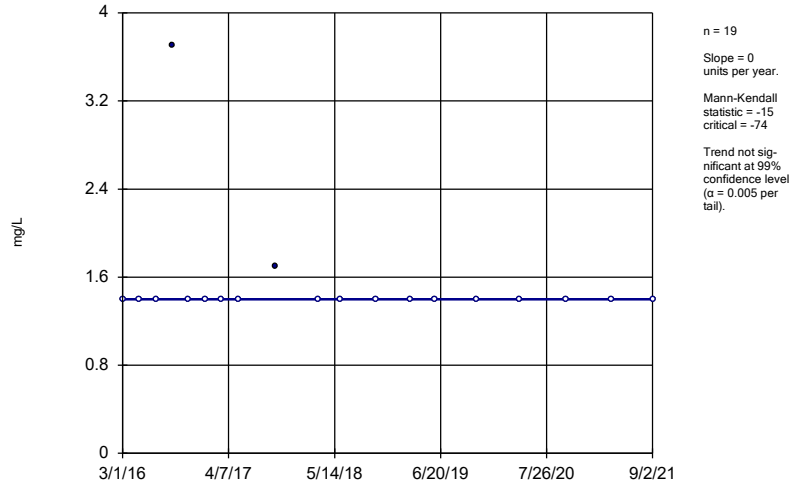
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0
units per year.

Mann-Kendall
statistic = -15
critical = -74

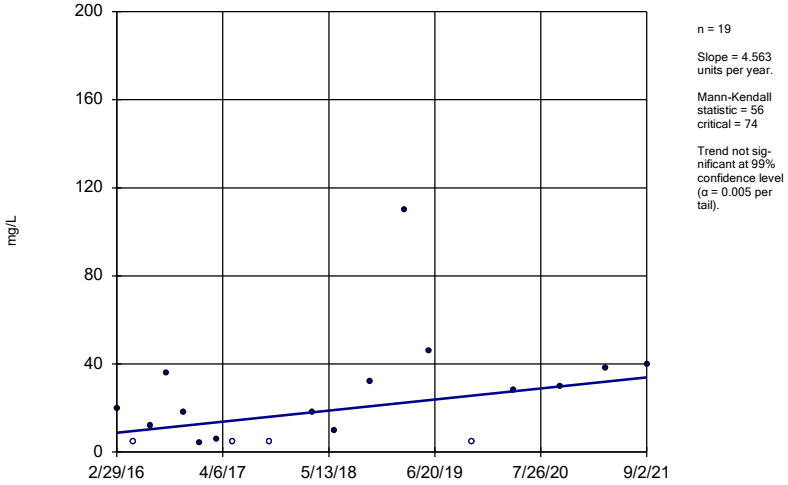
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 4.563
units per year.

Mann-Kendall
statistic = 56
critical = 74

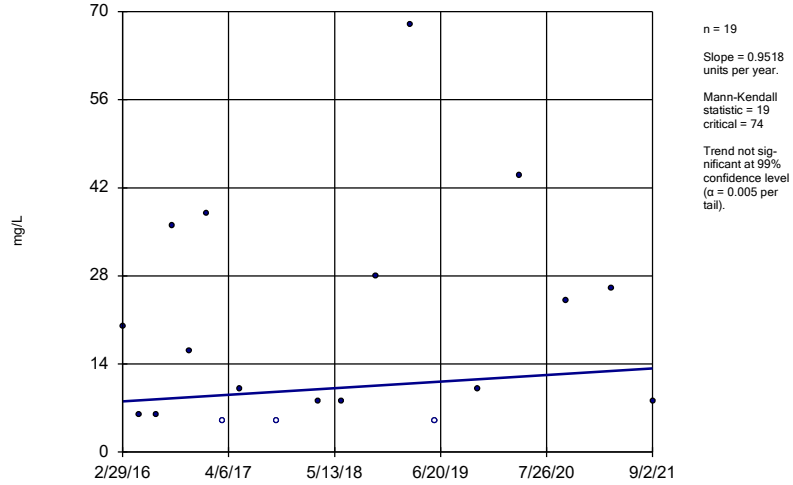
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0.9518
units per year.

Mann-Kendall
statistic = 19
critical = 74

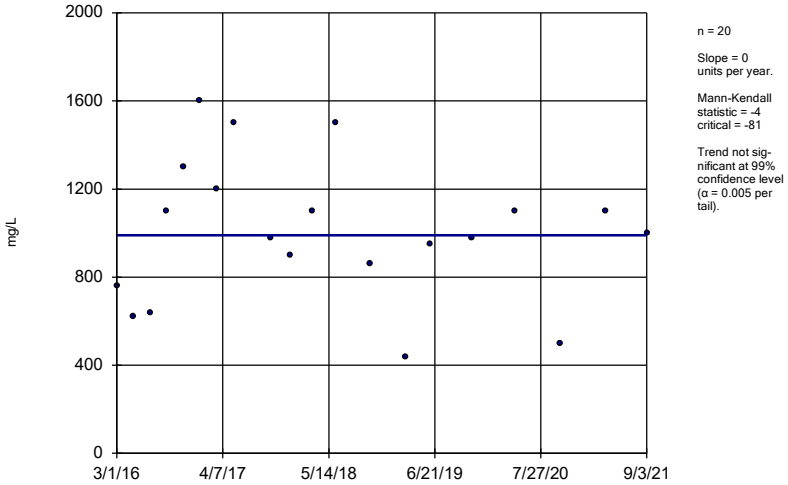
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -4 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

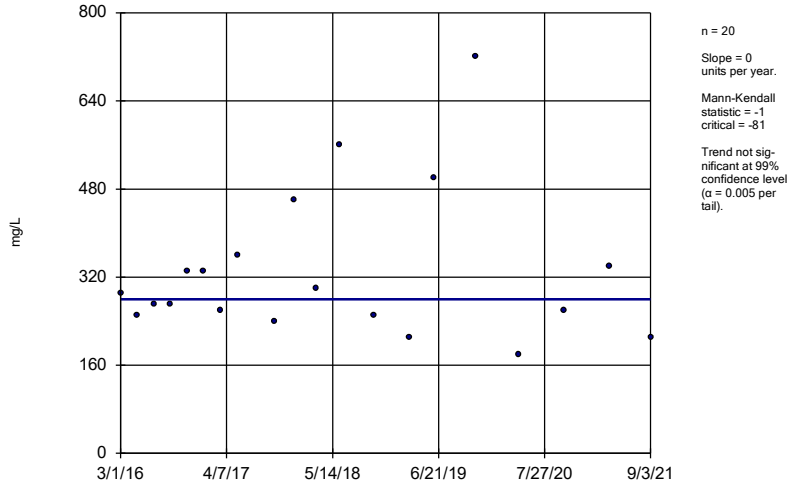
Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-105



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

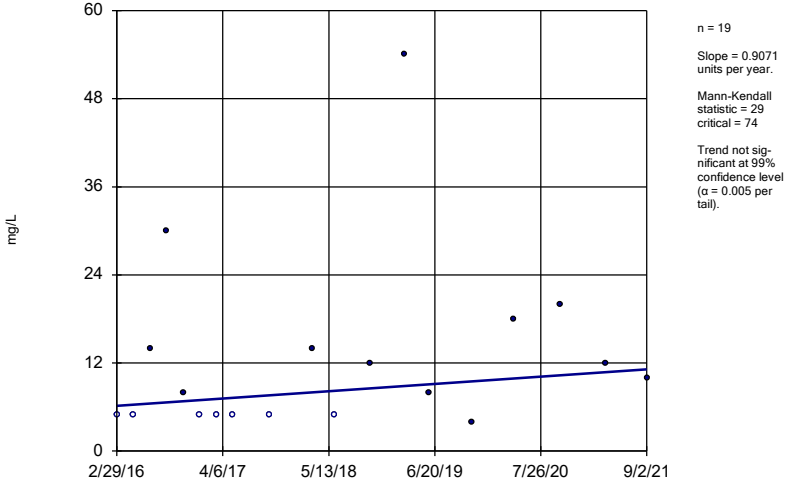
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0.9071 units per year.

Mann-Kendall statistic = 29 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

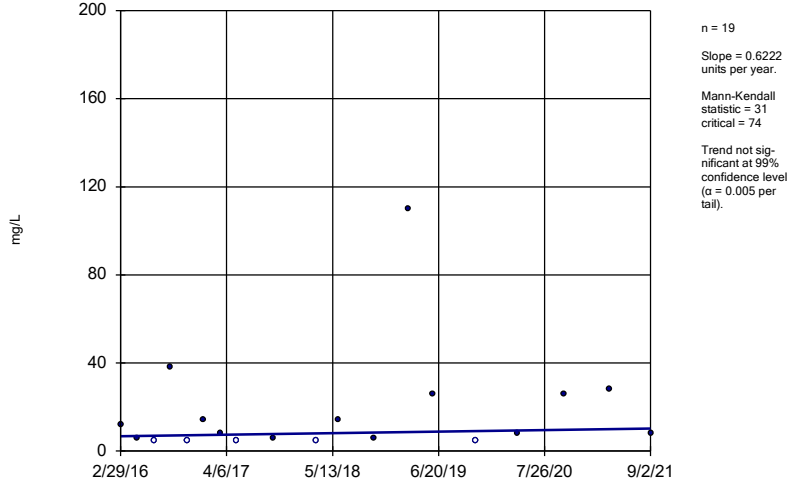
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.6222 units per year.

Mann-Kendall statistic = 31 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

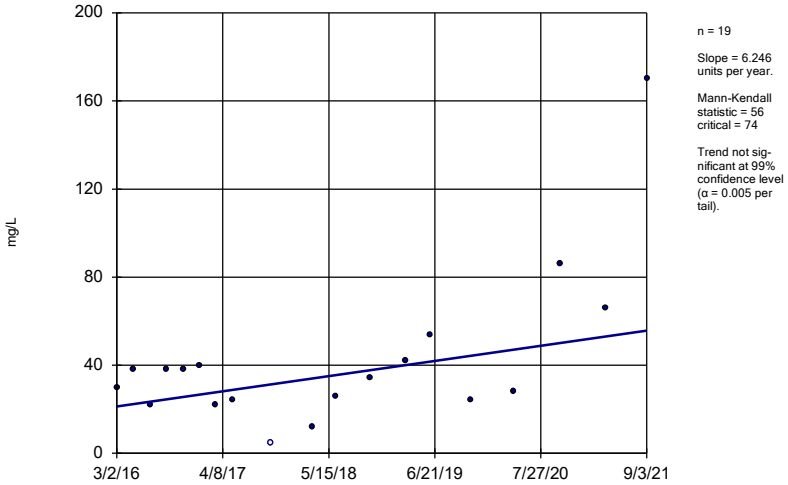
Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-109



n = 19

Slope = 6.246 units per year.

Mann-Kendall statistic = 56 critical = 74

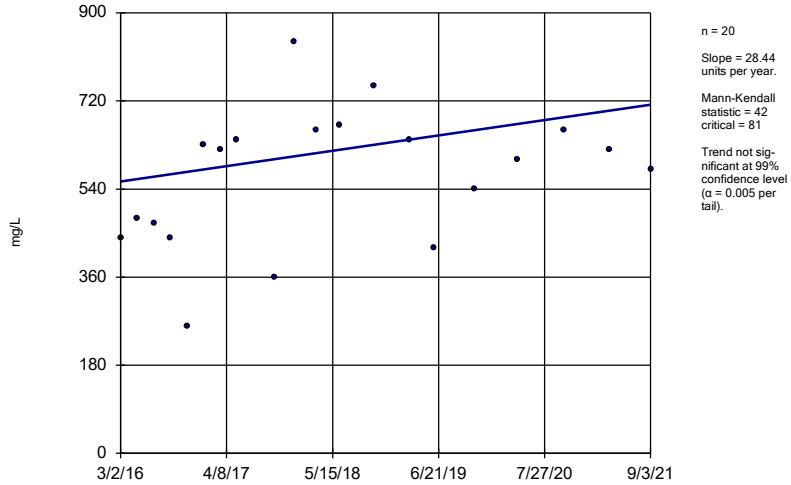
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-110



n = 20

Slope = 28.44 units per year.

Mann-Kendall statistic = 42 critical = 81

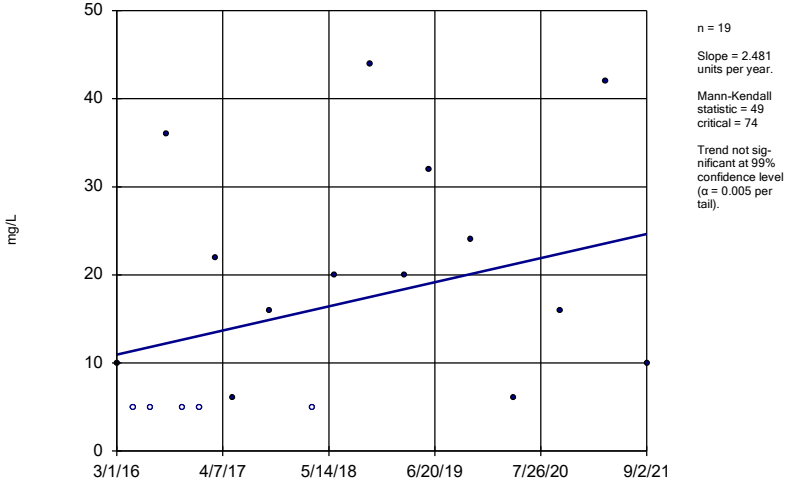
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 2.481 units per year.

Mann-Kendall statistic = 49 critical = 74

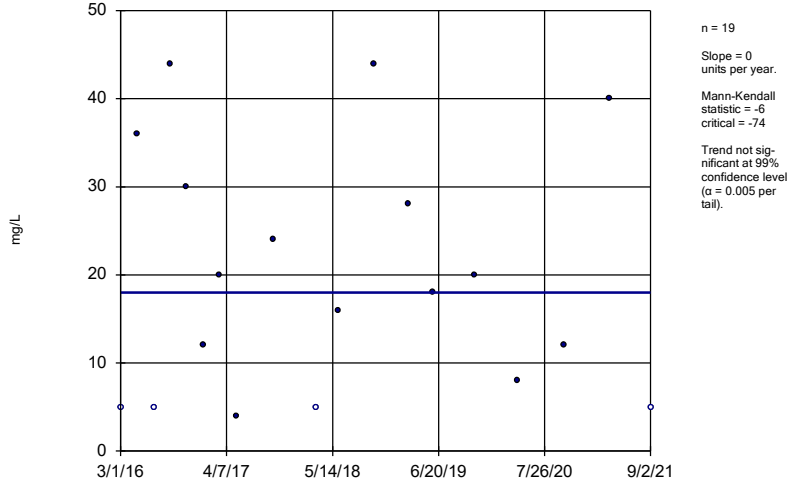
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -6 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

200 Series

Appendix III - Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:15 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-200**	**-6.774**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-5.856**	**-128**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-17.9**	**-162**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-163.2**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-151.6**	**-134**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-520.7**	**-178**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-297.6**	**-130**	**-81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-314.7**	**-106**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1067**	**-157**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-206**	**0.1014**	**90**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-68.94**	**-125**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-86.08**	**-143**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-116.1**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-948.8**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-873.6**	**-115**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2435**	**-136**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - 200 Series Wells - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:15 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	19	74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-17	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-23	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	9	74	No	19	73.68	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-6.774**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-5.856**	**-128**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-17.9**	**-162**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.005298	-17	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01798	-46	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07115	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-200**	**-163.2**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-151.6**	**-134**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-520.7**	**-178**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.003315	12	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1603	58	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1014	-43	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-297.6**	**-130**	**-81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-314.7**	**-106**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-1067**	**-157**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.215	74	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.02151	-25	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01106	-10	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.01639	-8	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-206**	**0.1014**	**90**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-306 (bg)	-0.02366	-23	-74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1262**	**-110**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-33	-74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	17	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.04202	-35	-81	No	20	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	1	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	9	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-68.94**	**-125**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-86.08**	**-143**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-116.1**	**-151**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	-2	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-15	-74	No	19	89.47	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.563	56	74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9518	19	74	No	19	15.79	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9071	29	74	No	19	36.84	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.6222	31	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-948.8**	**-157**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-873.6**	**-115**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2435**	**-136**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.481	49	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-6	-74	No	19	21.05	n/a	n/a	0.01	NP

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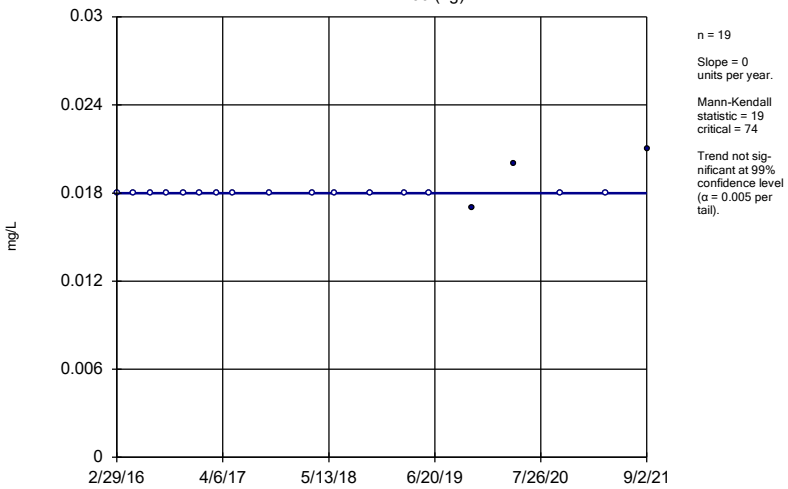
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 19
critical = 74

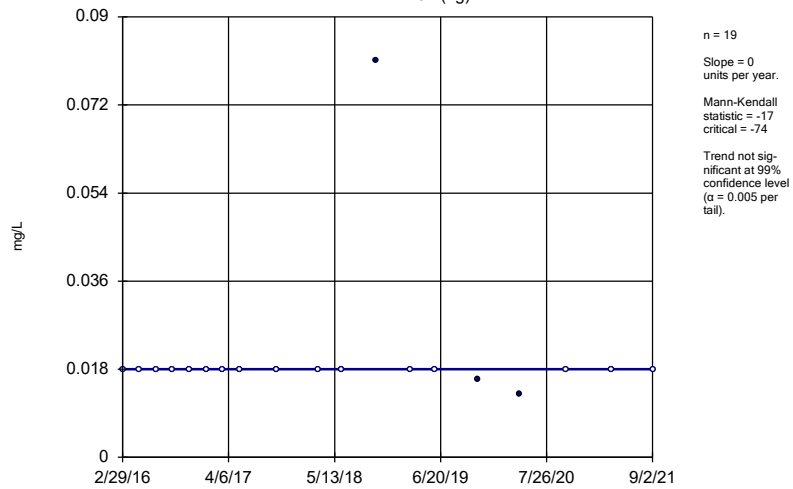
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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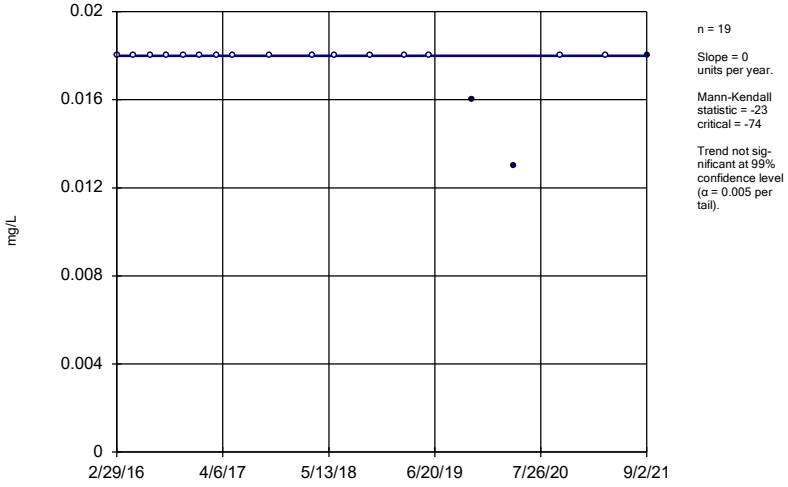
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -74

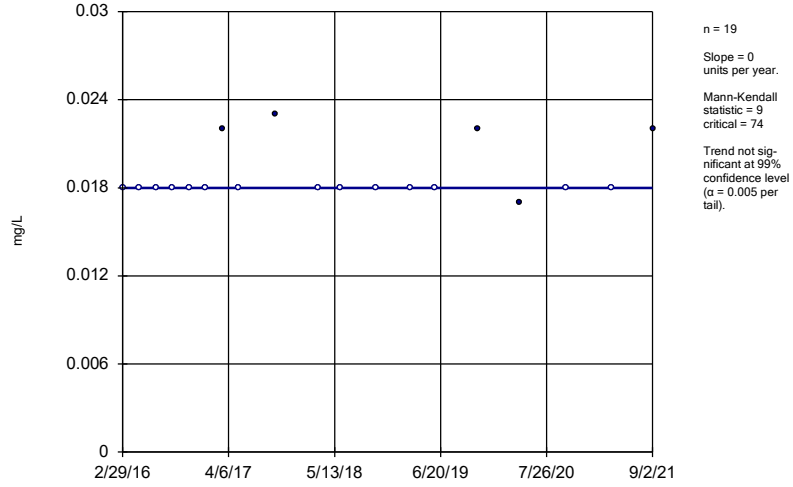
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 74

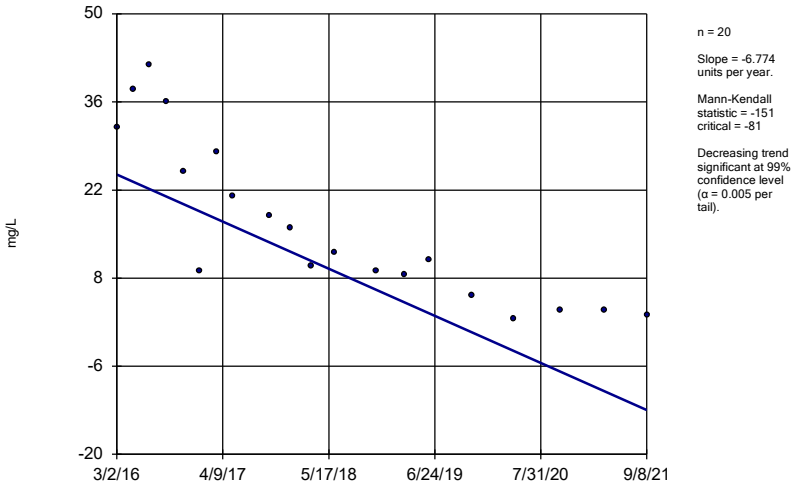
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-200



n = 20

Slope = -6.774 units per year.

Mann-Kendall statistic = -151
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

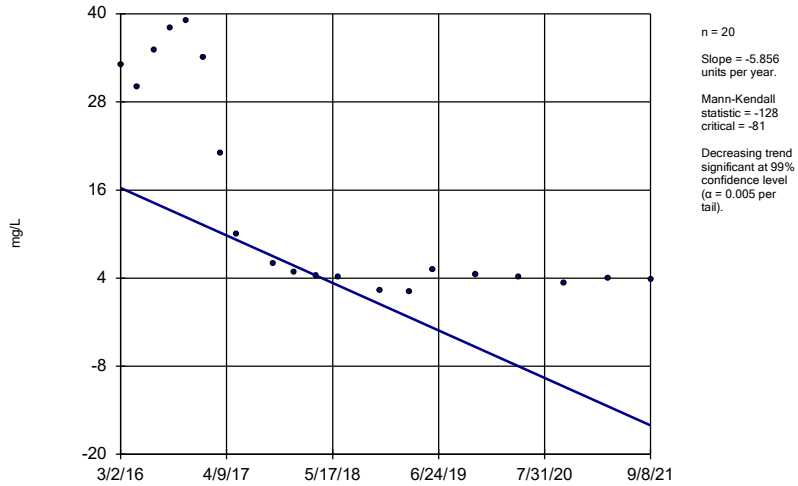
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-201



n = 20

Slope = -5.856 units per year.

Mann-Kendall statistic = -128
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

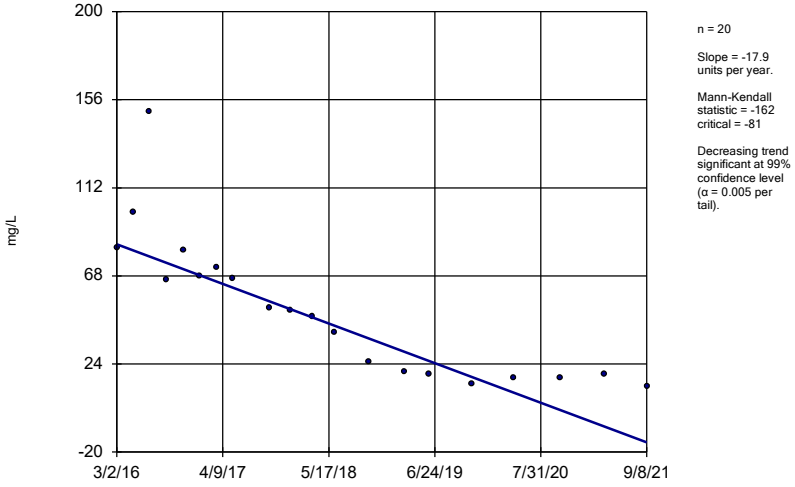
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-206



n = 20

Slope = -17.9 units per year.

Mann-Kendall statistic = -162
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

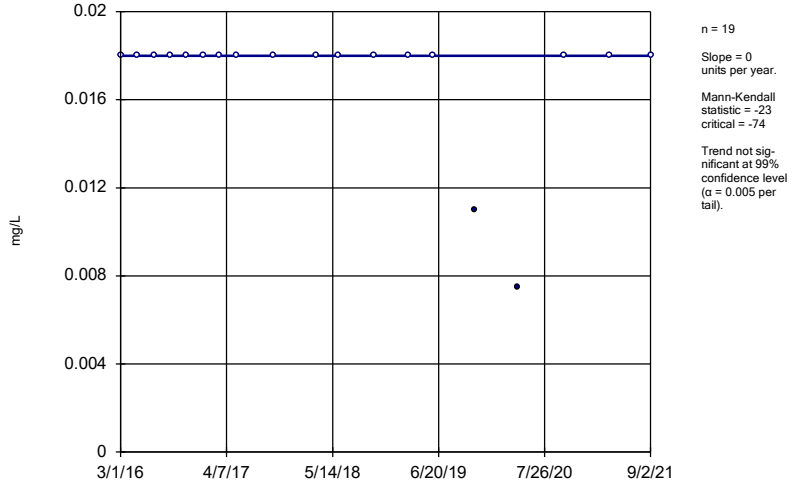
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

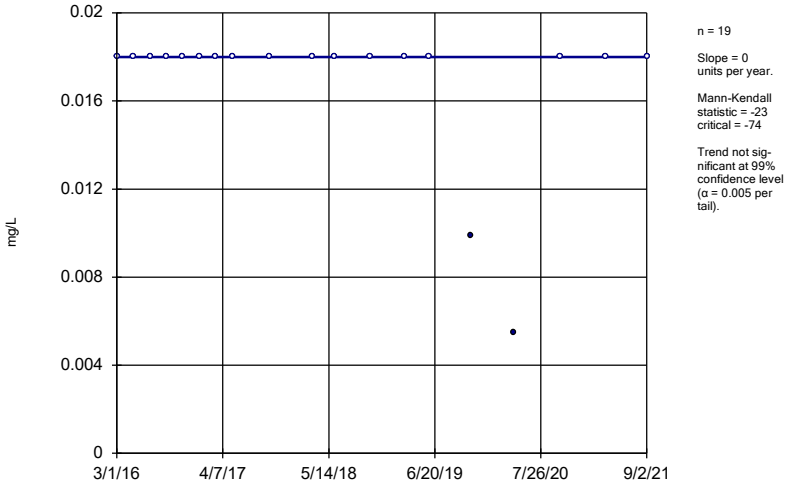
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

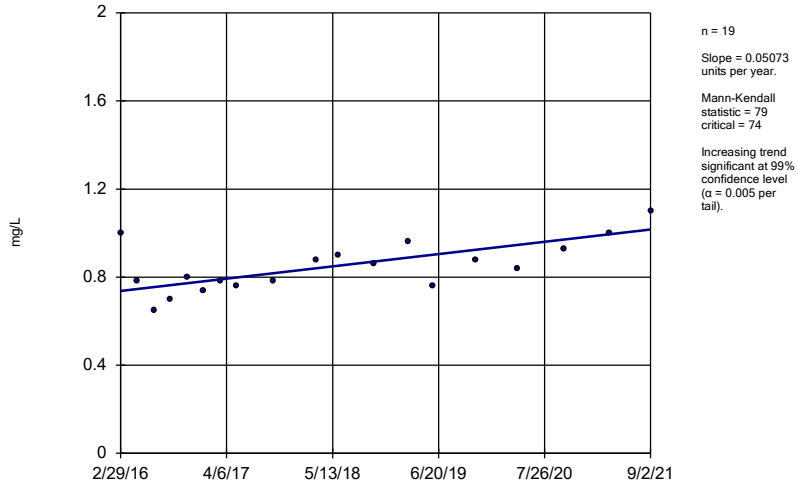
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0.05073 units per year.

Mann-Kendall statistic = 79
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

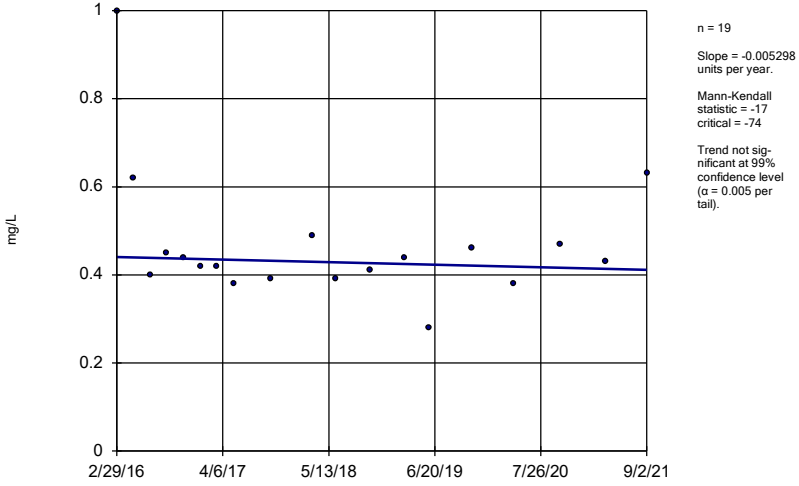
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = -0.005298 units per year.

Mann-Kendall statistic = -17
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

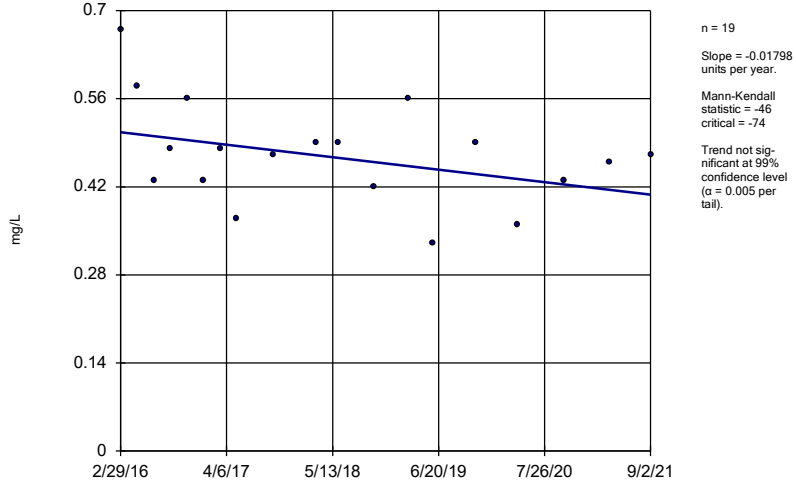
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.01798 units per year.

Mann-Kendall statistic = -46
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

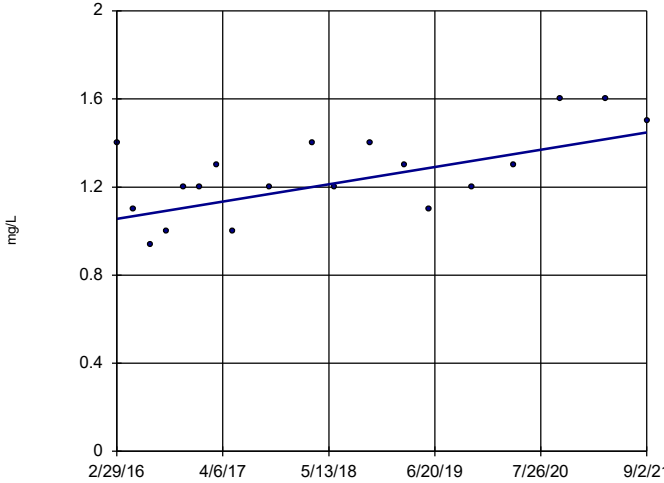
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.07115 units per year.

Mann-Kendall statistic = 72
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

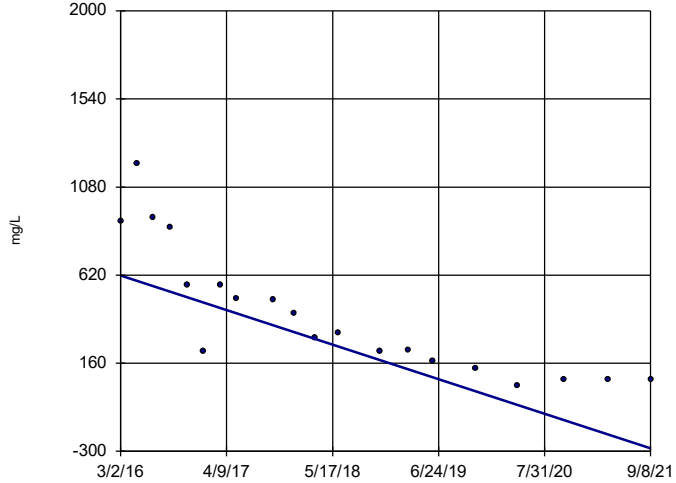
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-200



n = 20

Slope = -163.2 units per year.

Mann-Kendall statistic = -157
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

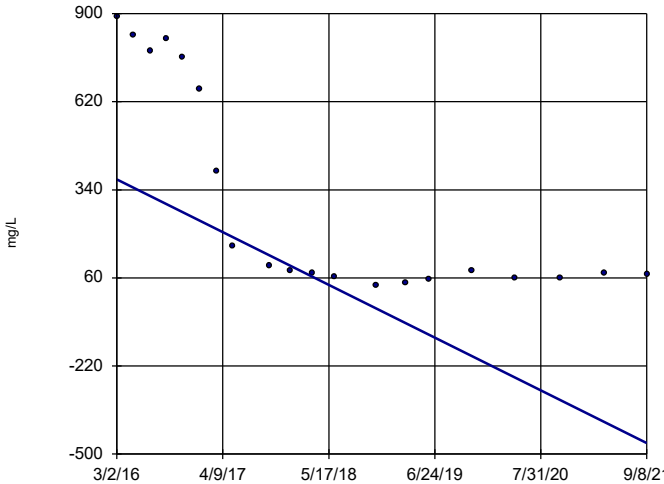
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-201



n = 20

Slope = -151.6 units per year.

Mann-Kendall statistic = -134
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

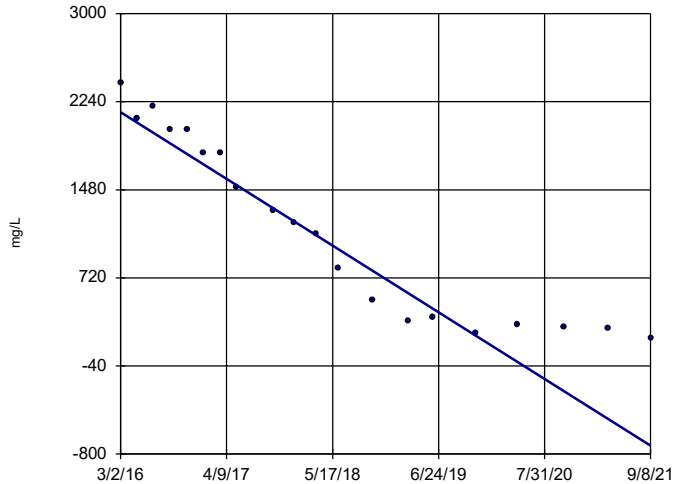
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-206



n = 20

Slope = -520.7 units per year.

Mann-Kendall statistic = -178
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

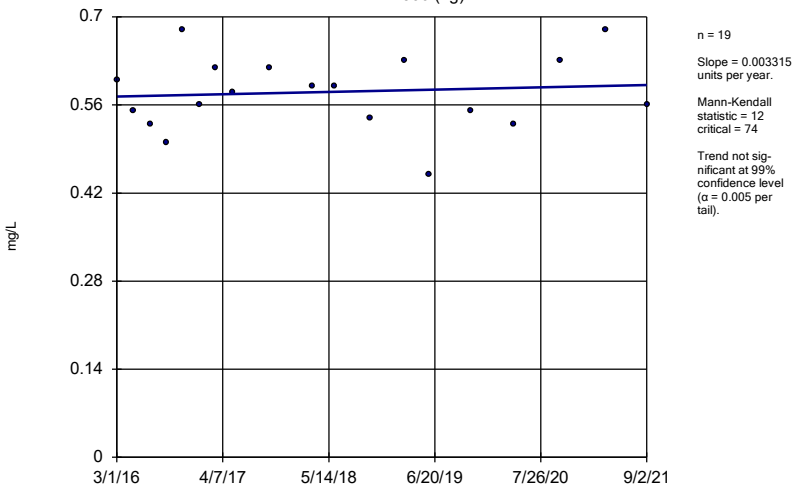
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0.003315 units per year.

Mann-Kendall statistic = 12
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

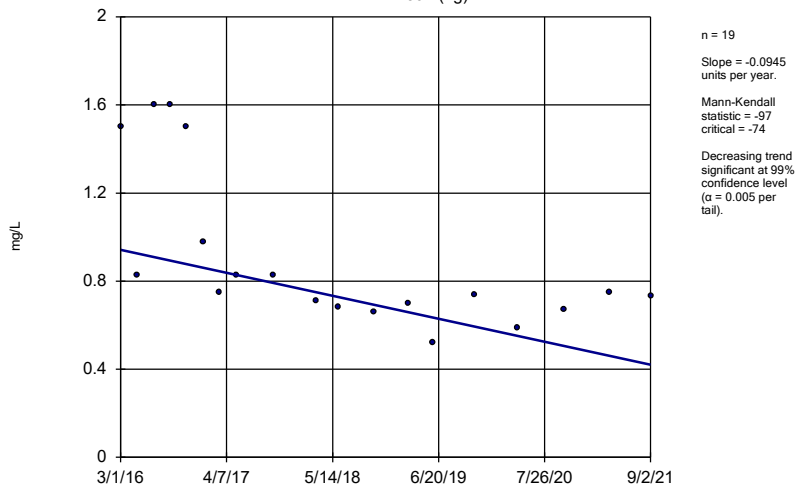
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = -0.0945 units per year.

Mann-Kendall statistic = -97
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

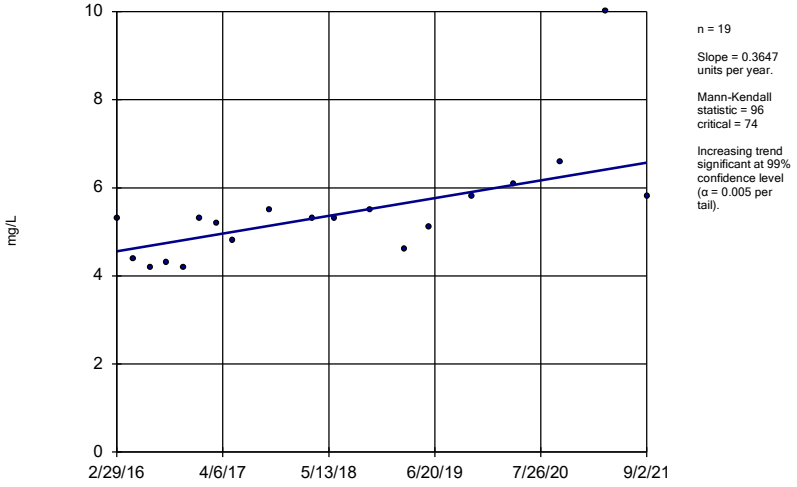
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0.3647 units per year.

Mann-Kendall statistic = 96
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

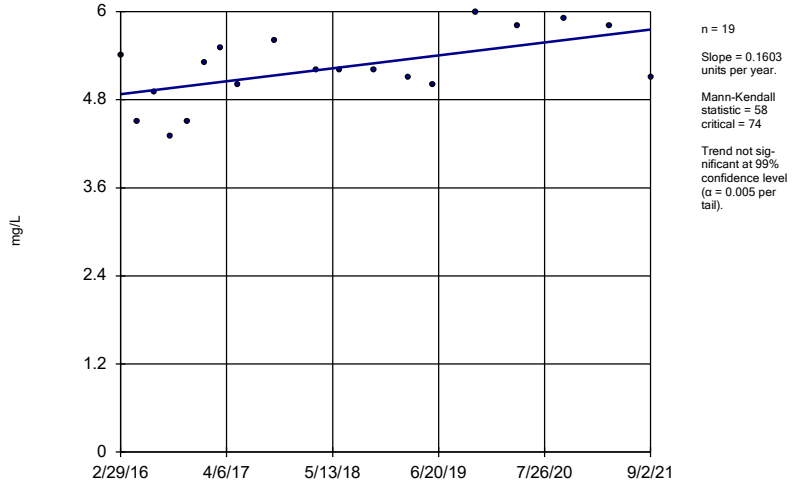
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0.1603 units per year.

Mann-Kendall statistic = 58
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

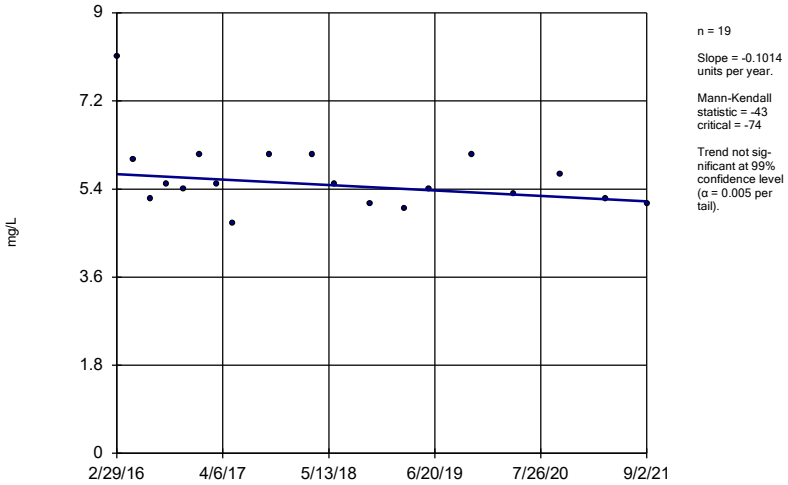
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.1014 units per year.

Mann-Kendall statistic = -43
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

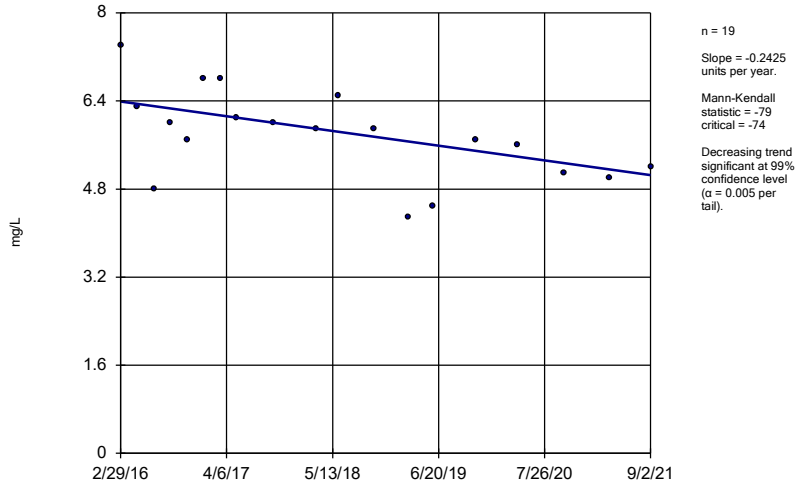
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = -0.2425 units per year.

Mann-Kendall statistic = -79
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

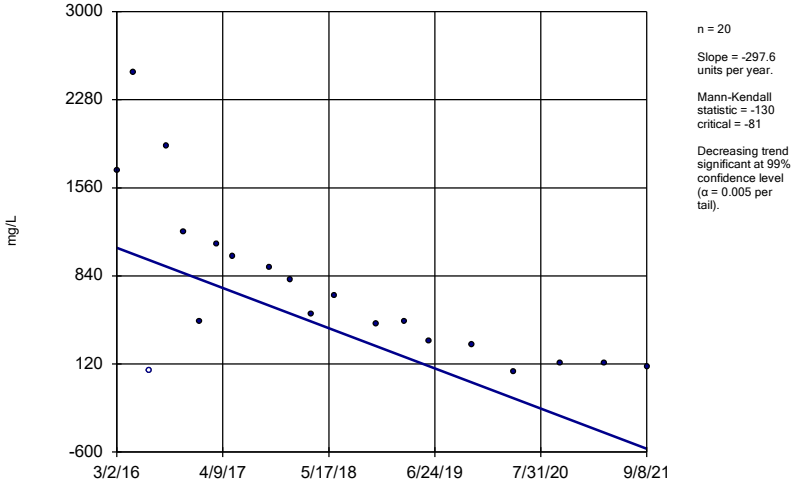
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-200



n = 20

Slope = -297.6 units per year.

Mann-Kendall statistic = -130
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

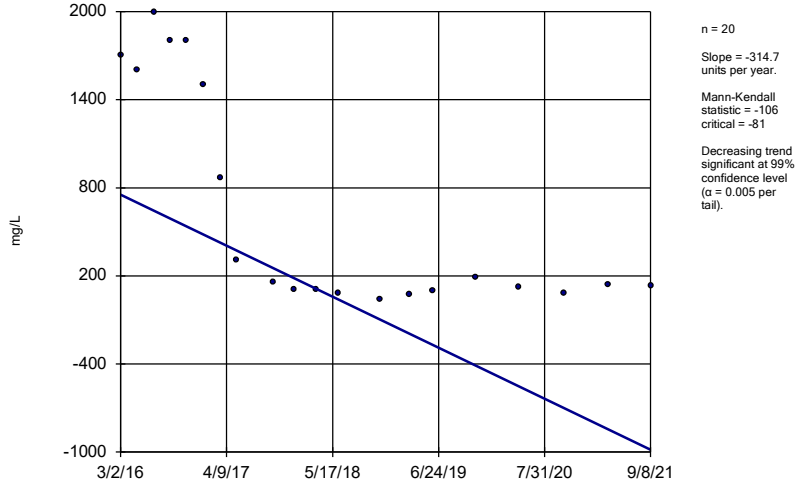
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-201



n = 20

Slope = -314.7 units per year.

Mann-Kendall statistic = -106
critical = -81

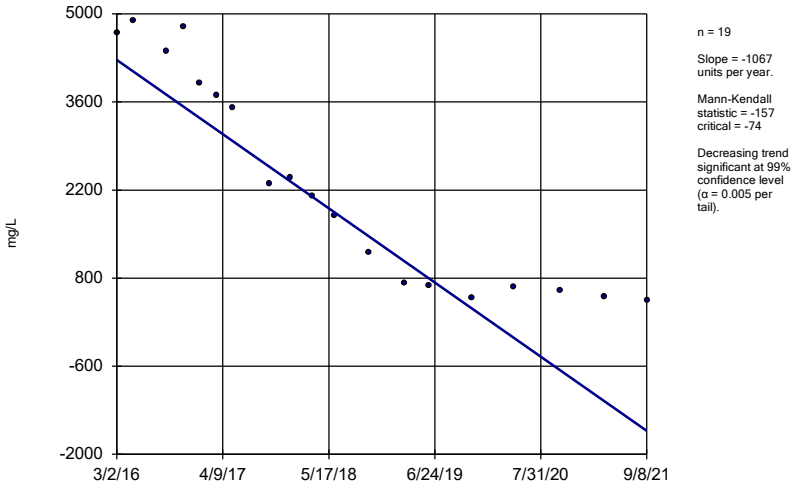
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-206



n = 19

Slope = -1067 units per year.

Mann-Kendall statistic = -157 critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

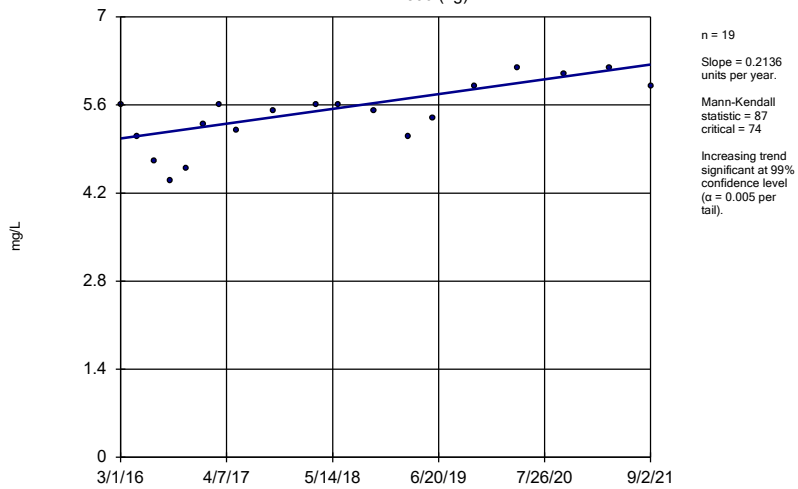
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0.2136 units per year.

Mann-Kendall statistic = 87 critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

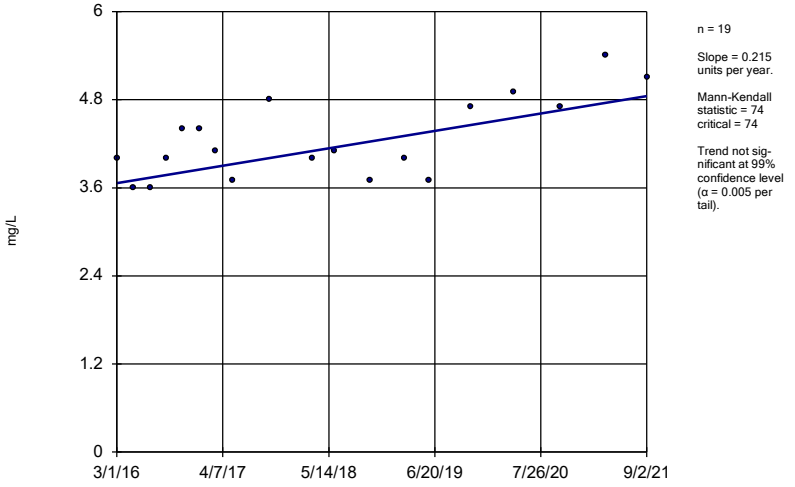
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0.215 units per year.

Mann-Kendall statistic = 74 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

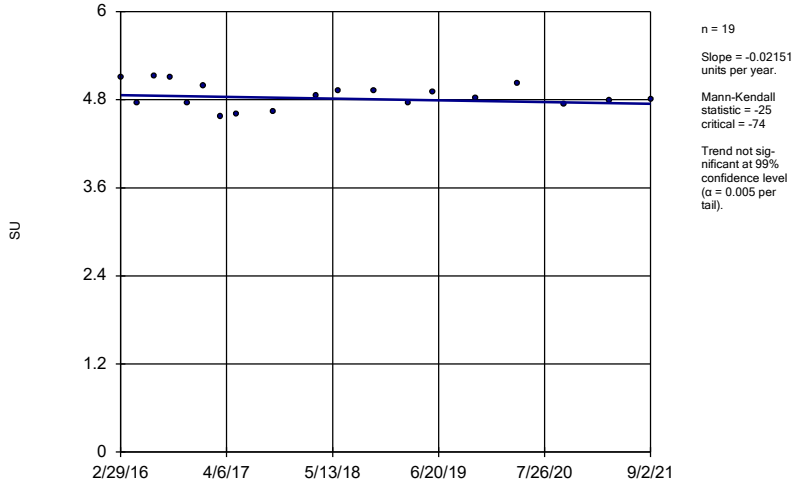
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = -0.02151 units per year.

Mann-Kendall statistic = -25 critical = -74

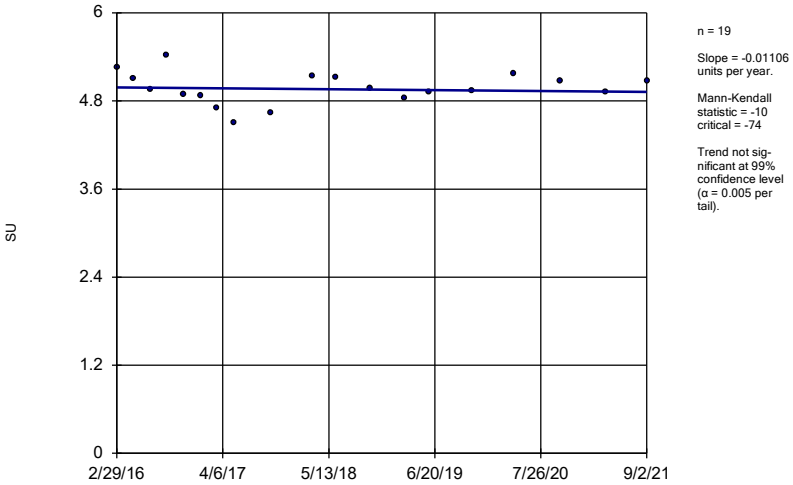
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = -0.01106 units per year.

Mann-Kendall statistic = -10
critical = -74

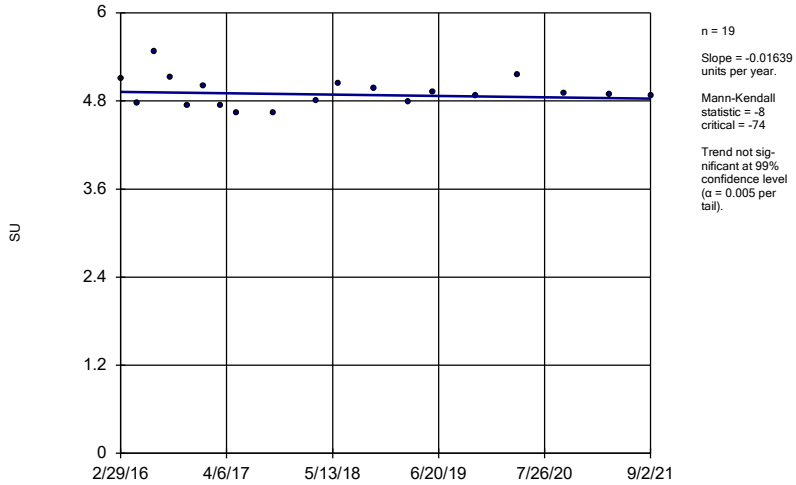
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.01639 units per year.

Mann-Kendall statistic = -8
critical = -74

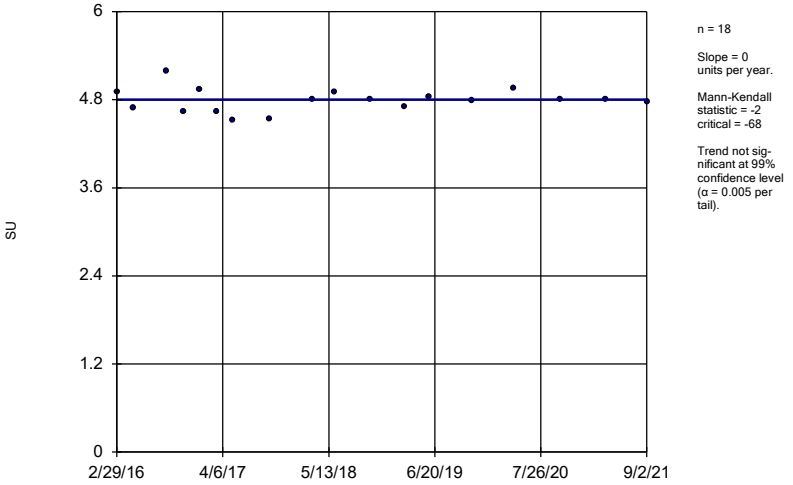
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -2
critical = -68

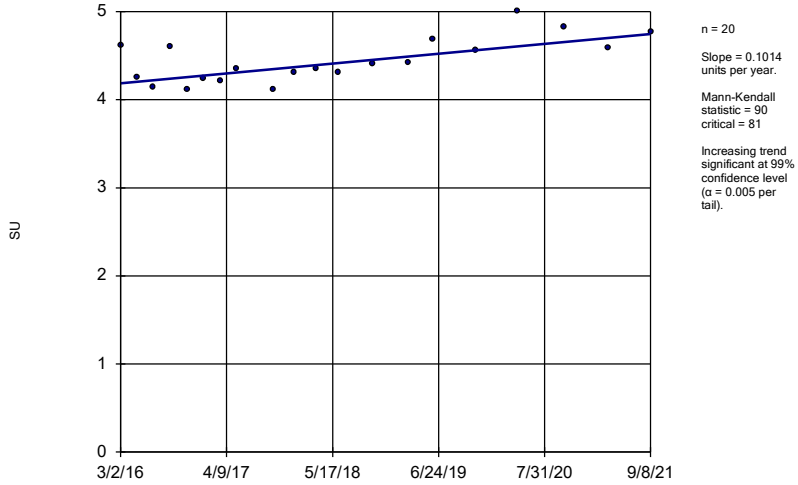
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-206



n = 20

Slope = 0.1014 units per year.

Mann-Kendall statistic = 90
critical = 81

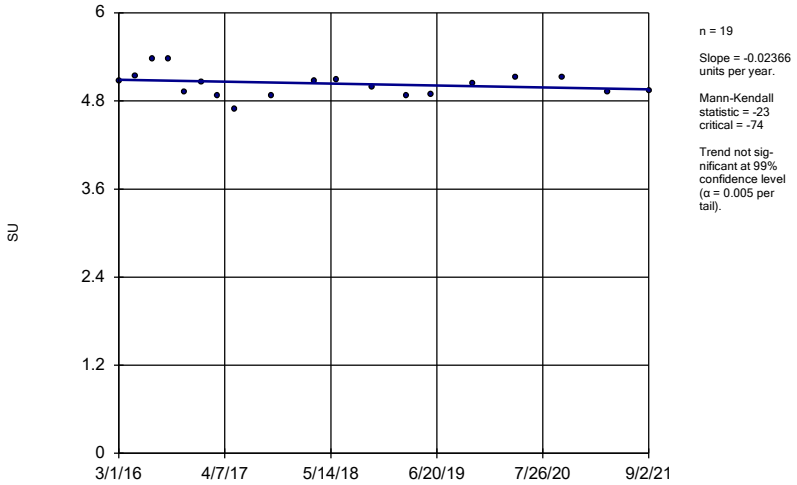
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = -0.02366 units per year.

Mann-Kendall statistic = -23 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

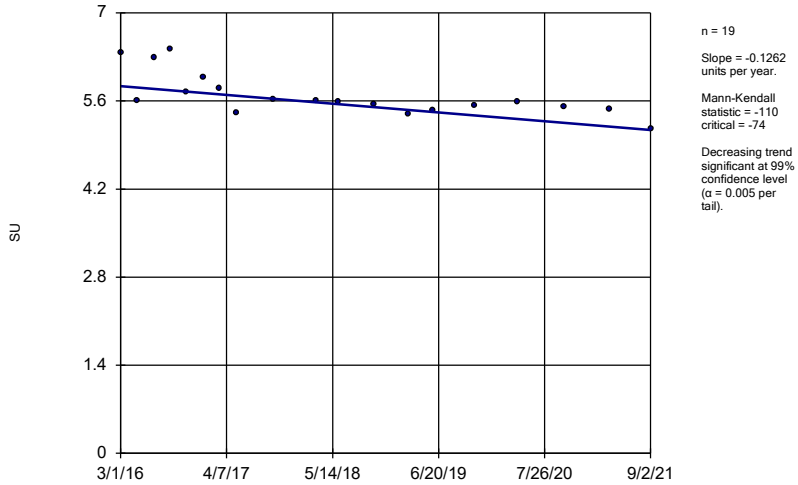
Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = -0.1262 units per year.

Mann-Kendall statistic = -110 critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

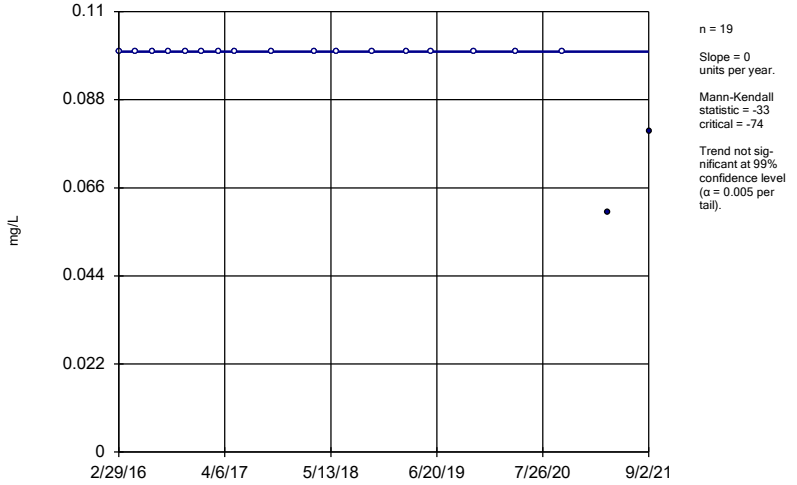
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -33 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

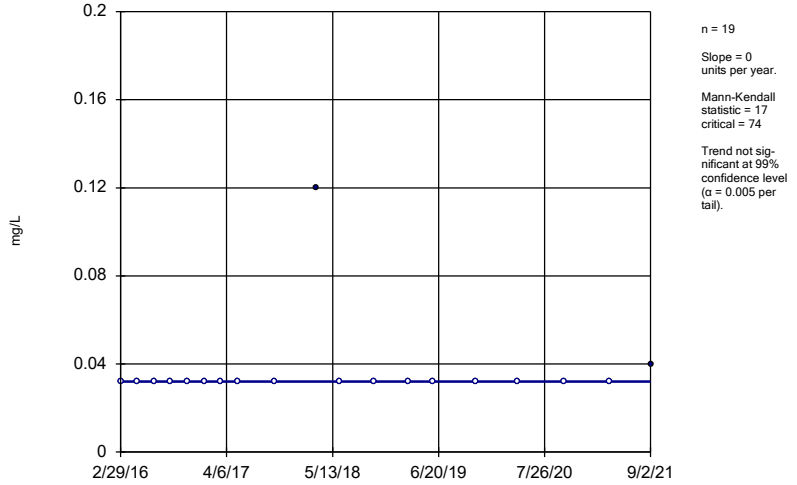
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 17 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

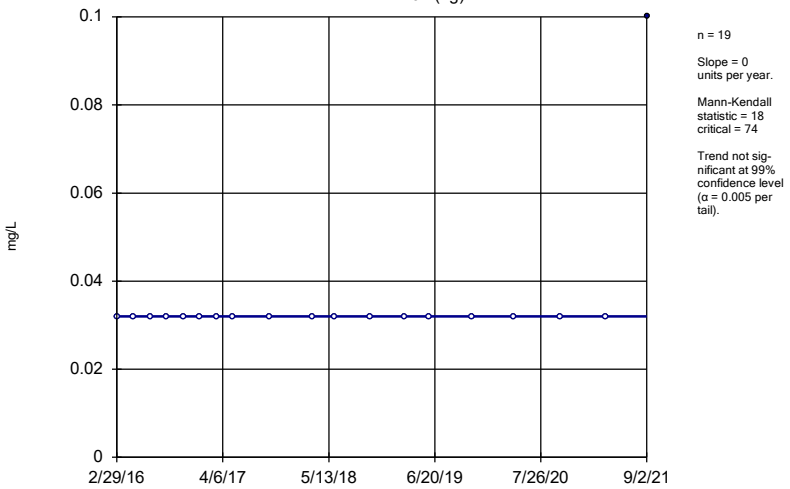
Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 18
critical = 74

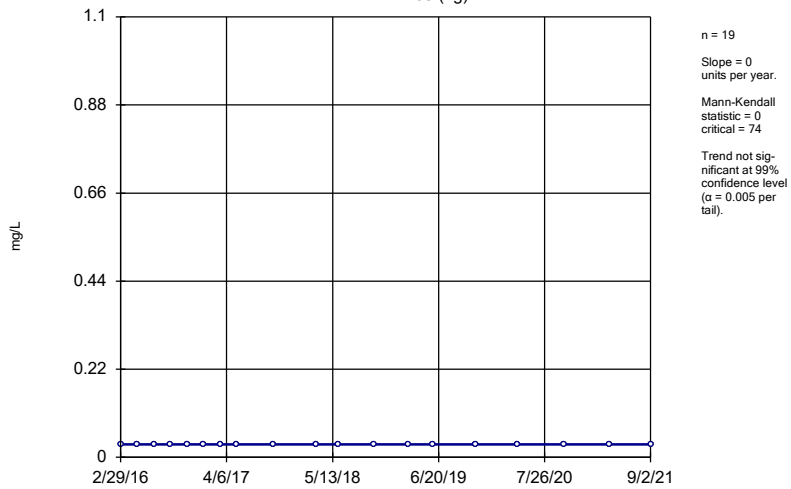
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 74

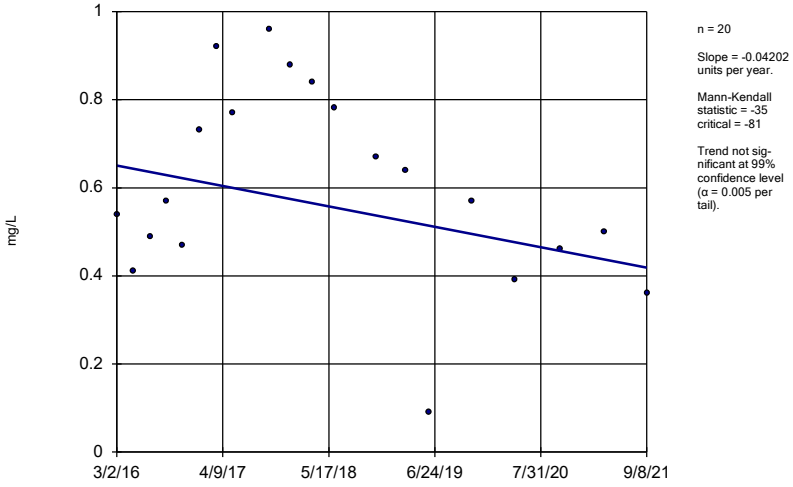
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-201



n = 20

Slope = -0.04202 units per year.

Mann-Kendall statistic = -35
critical = -81

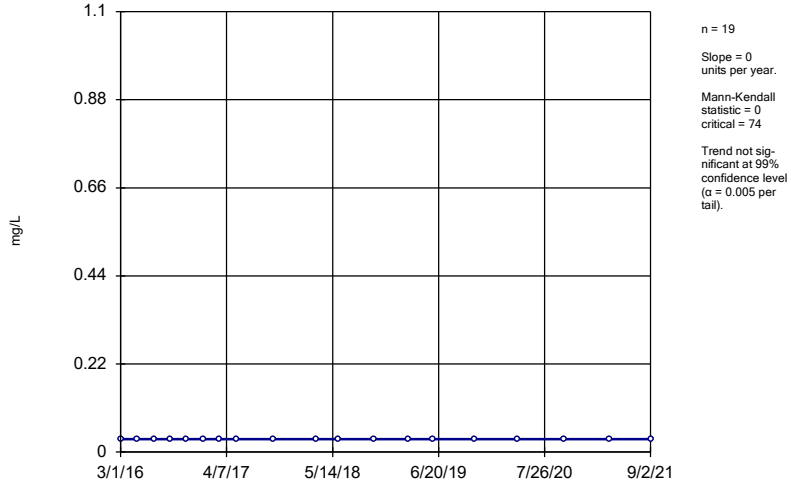
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 74

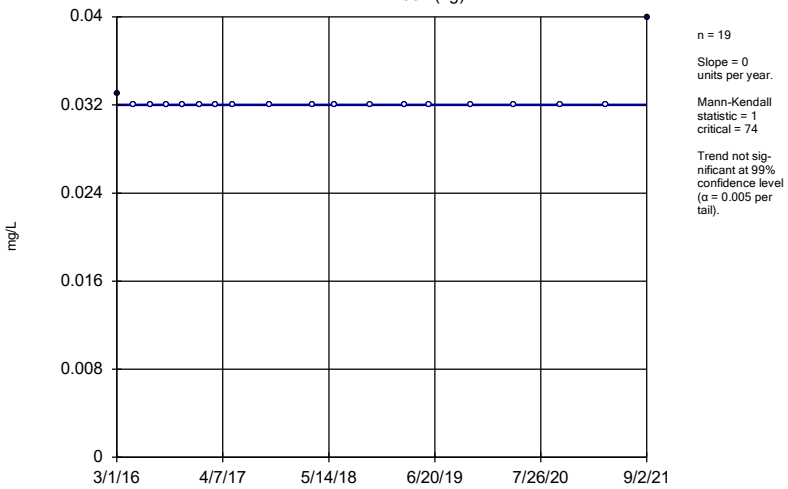
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 74

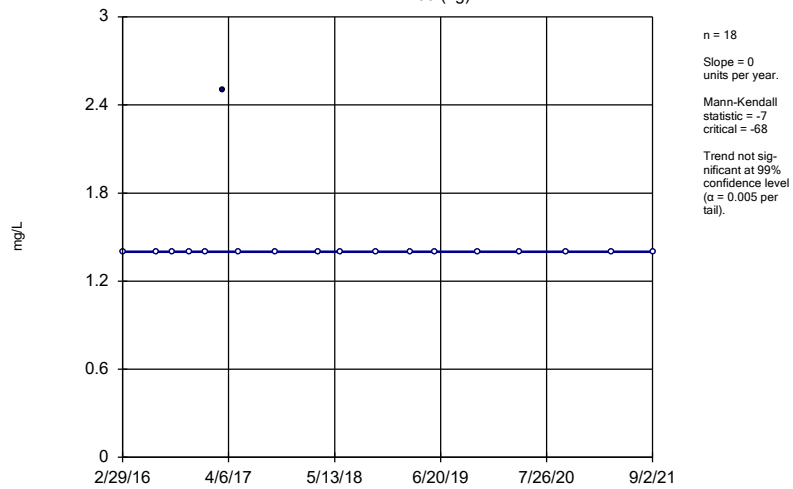
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -7
critical = -68

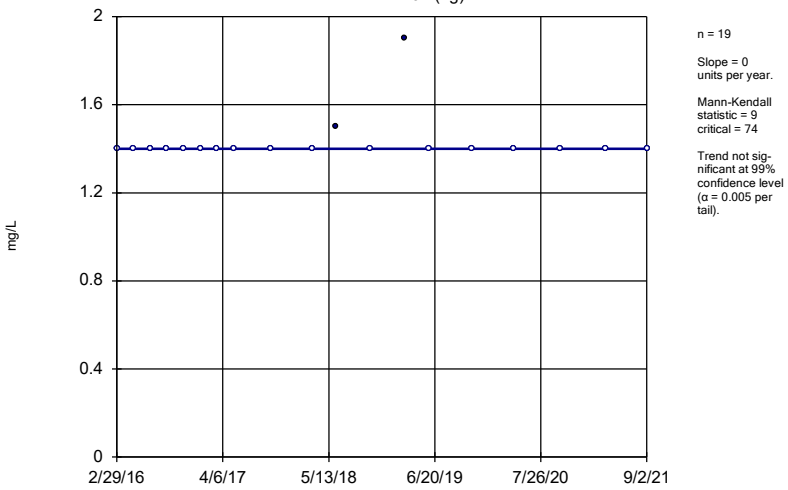
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 74

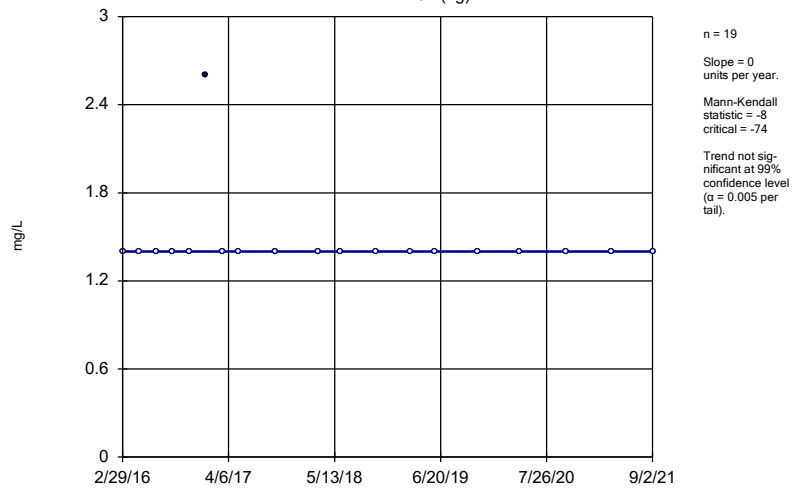
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -8
critical = -74

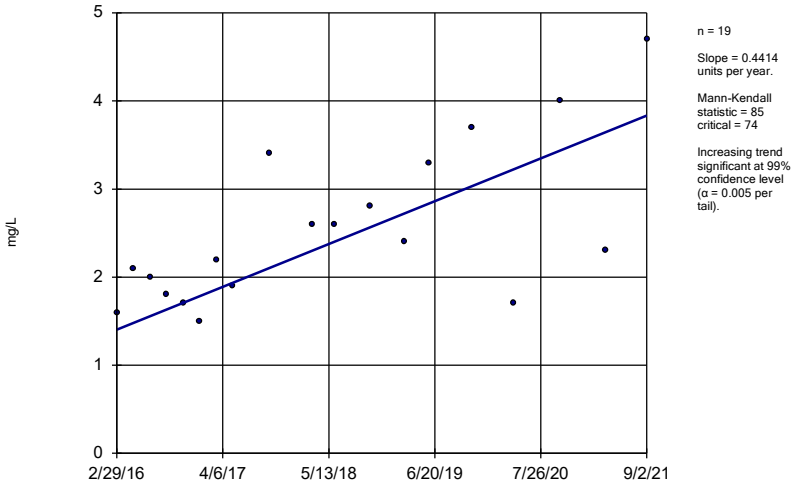
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.4414 units per year.

Mann-Kendall statistic = 85
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

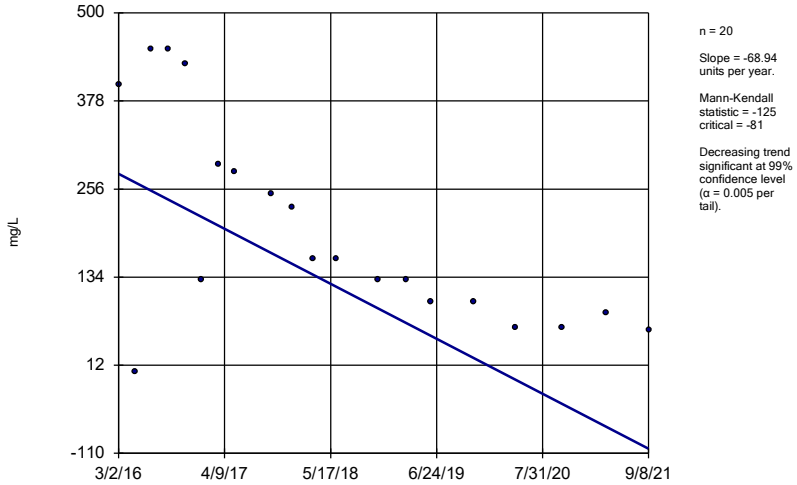
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-200



n = 20

Slope = -68.94 units per year.

Mann-Kendall statistic = -125
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

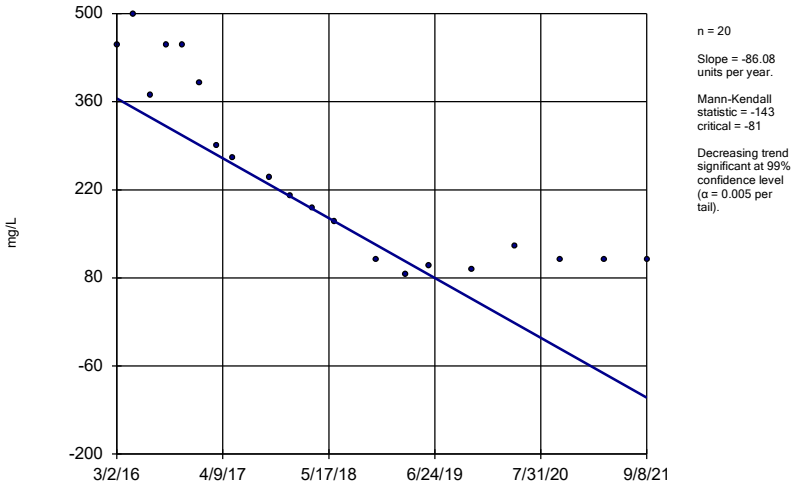
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-201



n = 20

Slope = -86.08 units per year.

Mann-Kendall statistic = -143
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

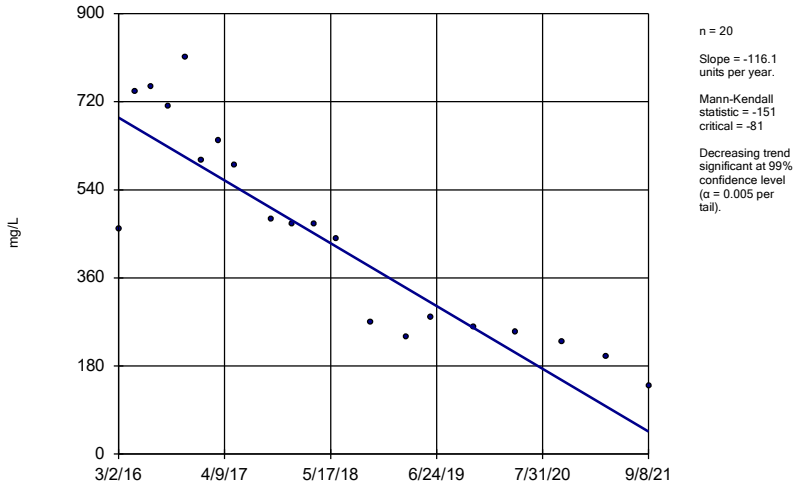
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-206



n = 20

Slope = -116.1 units per year.

Mann-Kendall statistic = -151
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

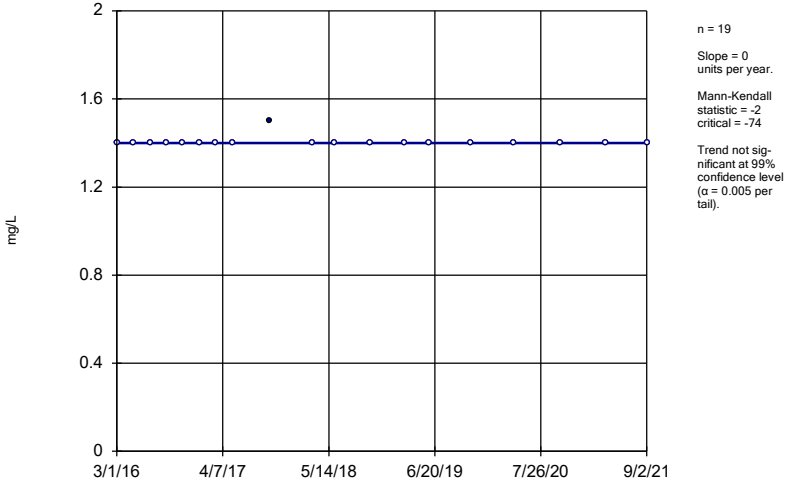
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -2 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

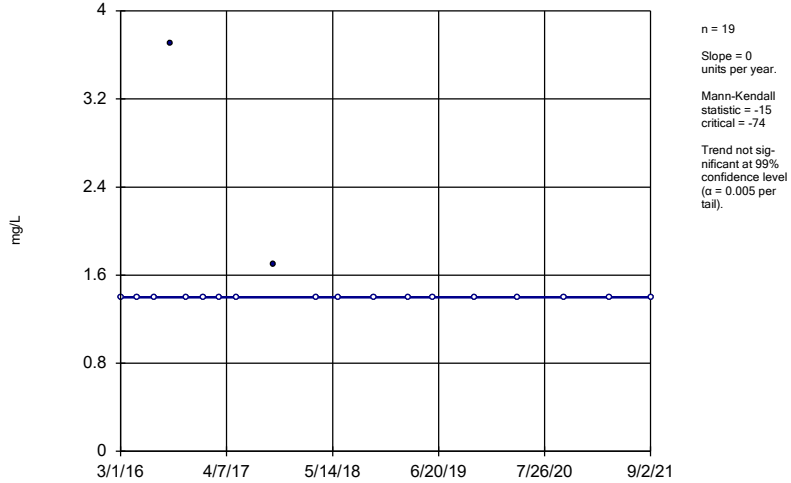
Constituent: Sulfate Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -15 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

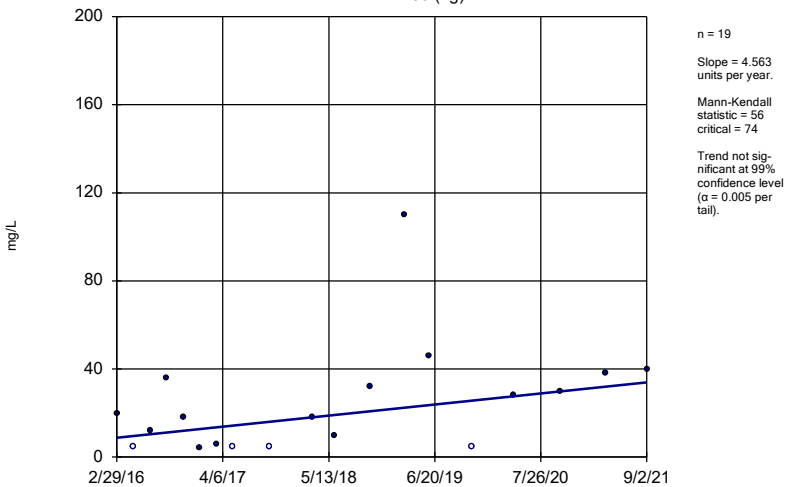
Constituent: Sulfate Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 4.563 units per year.

Mann-Kendall statistic = 56 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

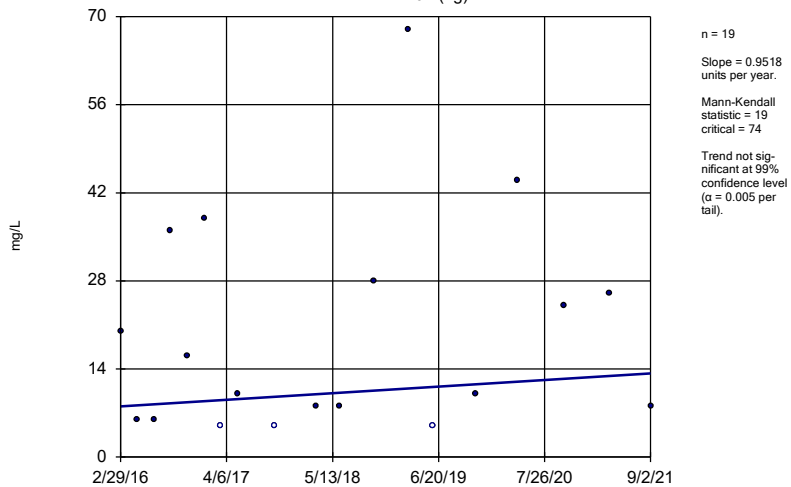
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0.9518 units per year.

Mann-Kendall statistic = 19 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

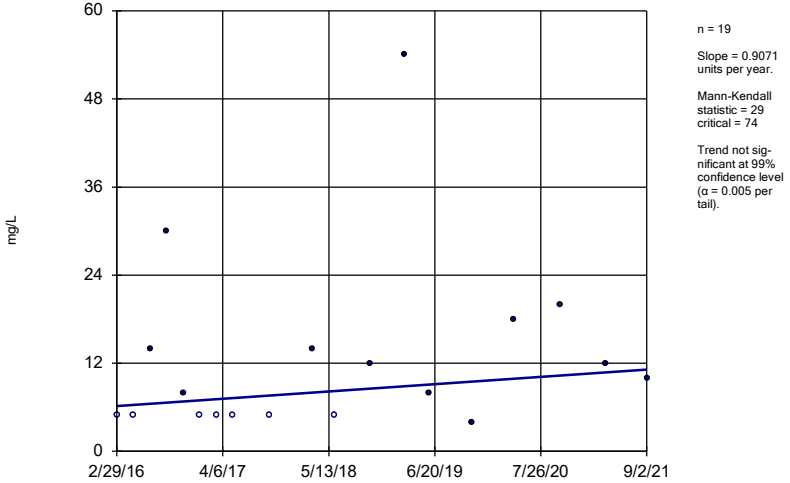
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0.9071 units per year.

Mann-Kendall statistic = 29
critical = 74

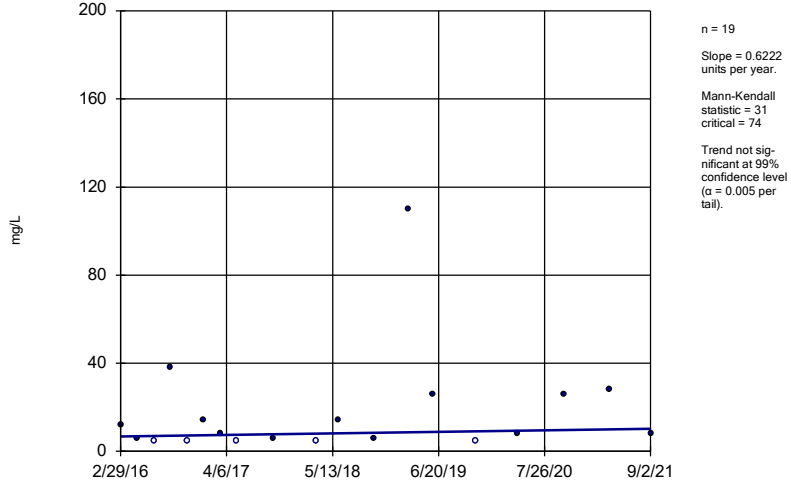
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.6222 units per year.

Mann-Kendall statistic = 31
critical = 74

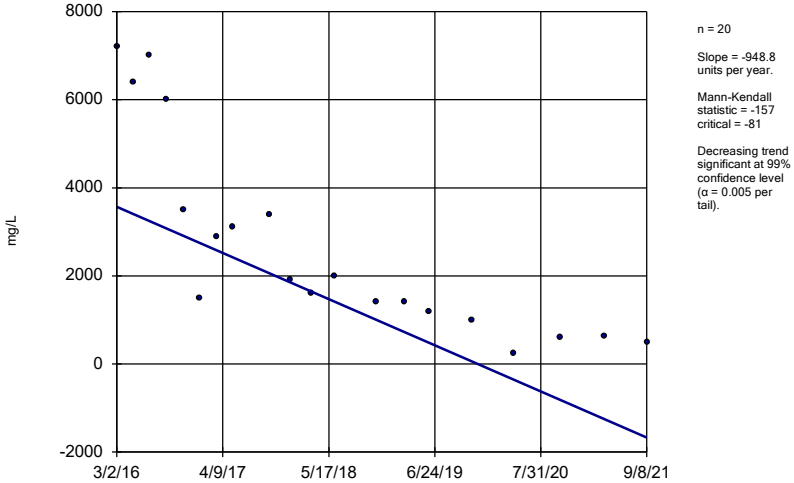
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-200



n = 20

Slope = -948.8 units per year.

Mann-Kendall statistic = -157
critical = -81

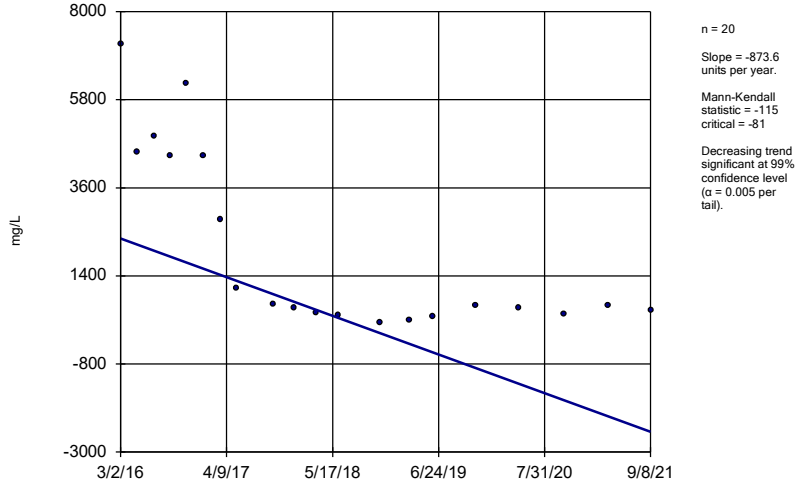
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-201



n = 20

Slope = -873.6 units per year.

Mann-Kendall statistic = -115
critical = -81

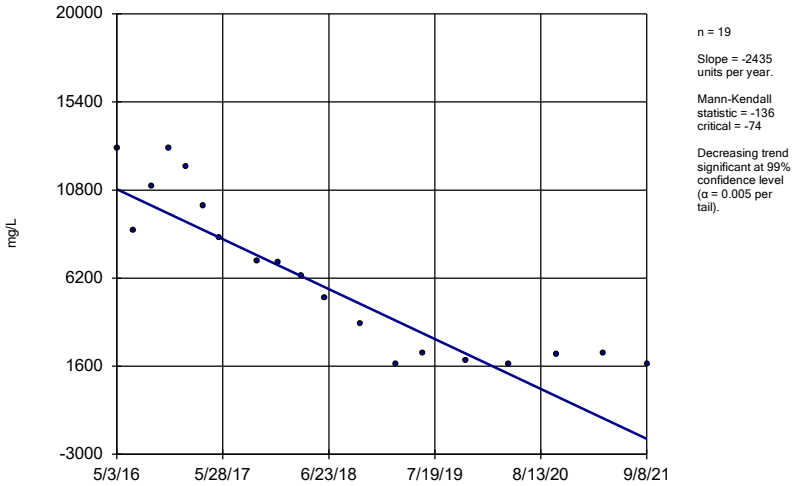
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-206



n = 19

Slope = -2435 units per year.

Mann-Kendall statistic = -136 critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

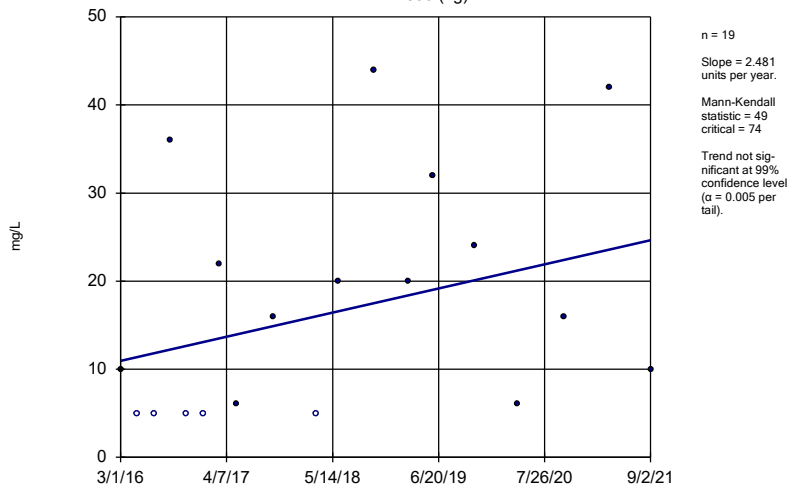
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 2.481 units per year.

Mann-Kendall statistic = 49 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

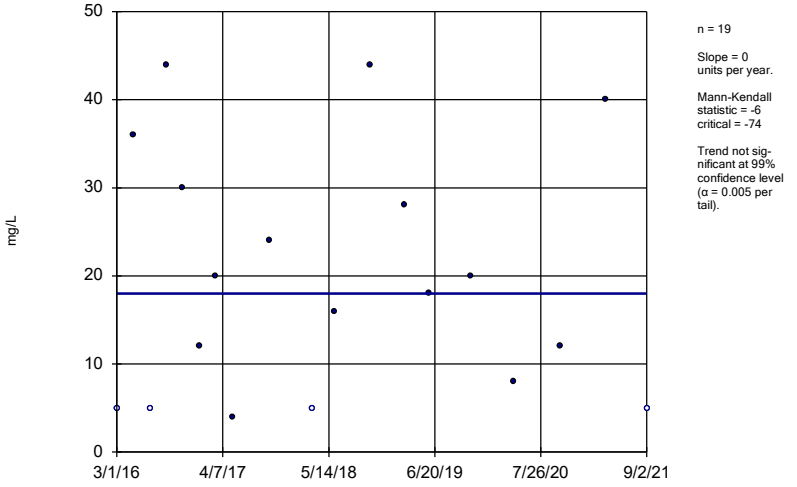
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -6 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

300 Series

Appendix III - Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:29 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-303**	**0.03808**	**87**	**81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.0231**	**106**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-25.03**	**-116**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - 300 Series Wells - All Results

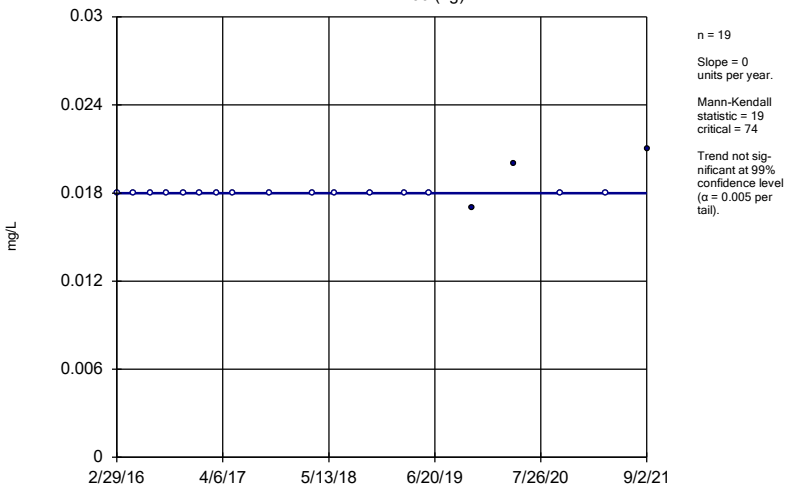
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:29 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	19	74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-17	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-23	-74	No	19	84.21	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	9	74	No	19	73.68	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.04267	10	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2747	47	81	No	20	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-23	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.4949	-56	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.05073**	**79**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.005298	-17	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01798	-46	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.07115	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-303	4.14	50	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	0	5	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.003315	12	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.0945**	**-97**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-2.717	-48	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3647**	**96**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1603	58	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1014	-43	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-108 (bg)**	**-0.2425**	**-79**	**-74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-300	0	10	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	2.611	22	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-7.639	-37	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.06068	17	81	No	20	5	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.2136**	**87**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-307 (bg)	0.215	74	74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-308	5.918	25	81	No	20	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-33	-74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	17	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-303**	**0.03808**	**87**	**81**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-304	0	-27	-74	No	19	42.11	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	1	74	No	19	89.47	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.0231**	**106**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-7	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	9	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4414**	**85**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-303	1.174	8	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	-5.065	-5	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	-2	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	-15	-74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-25.03**	**-116**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.563	56	74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9518	19	74	No	19	15.79	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9071	29	74	No	19	36.84	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.6222	31	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	18.28	21	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	-19.41	-10	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.481	49	74	No	19	26.32	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-6	-74	No	19	21.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-24.42	-48	-81	No	20	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 19
critical = 74

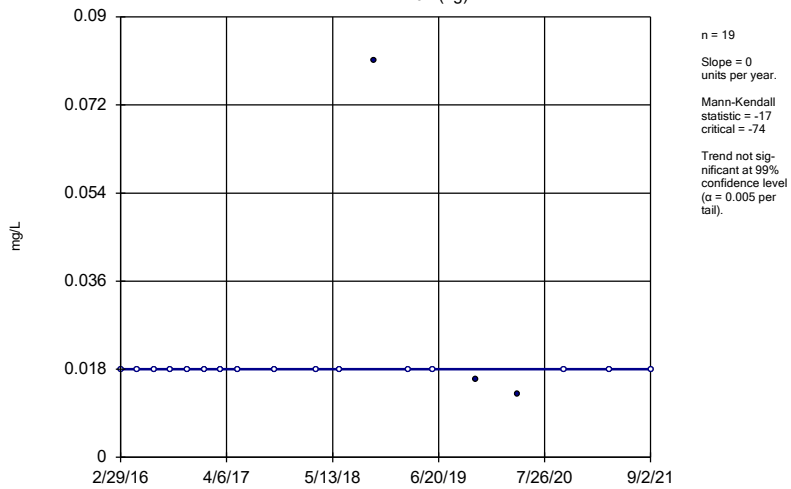
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -74

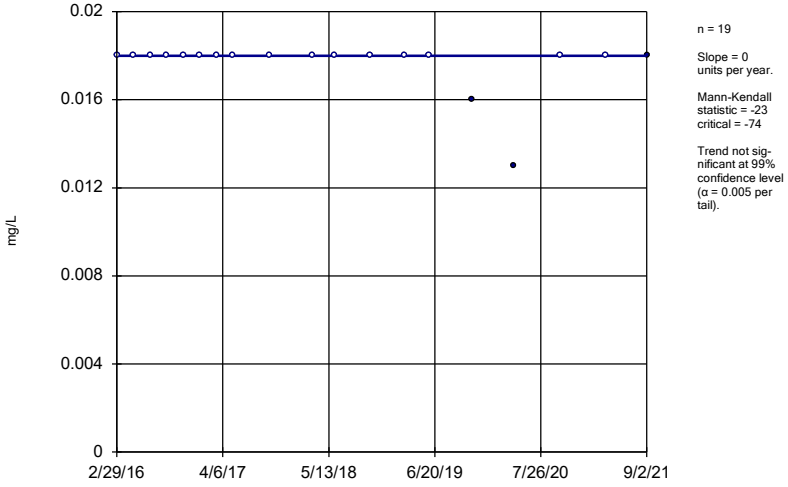
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -74

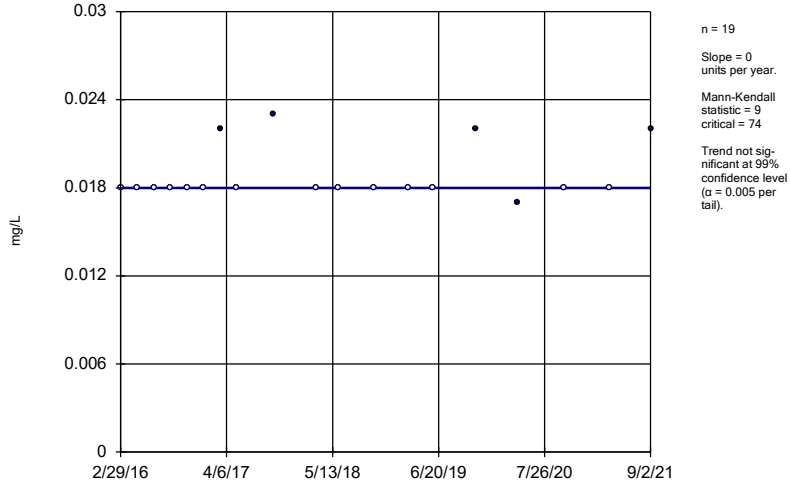
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 74

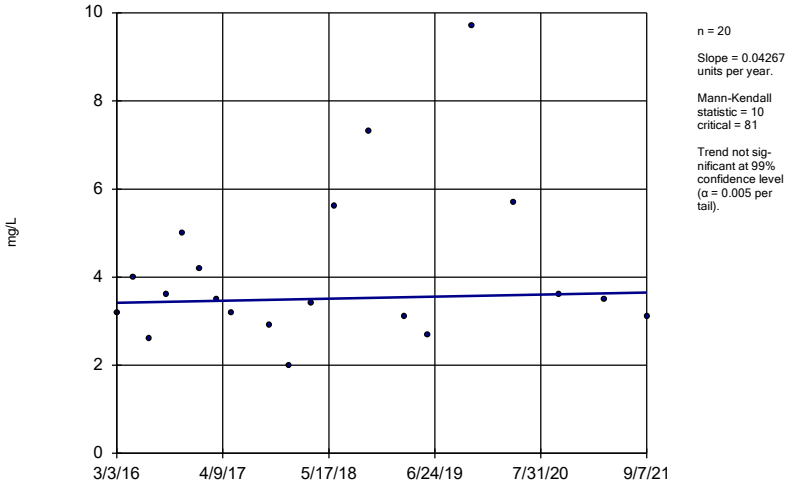
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-303



n = 20

Slope = 0.04267 units per year.

Mann-Kendall statistic = 10 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

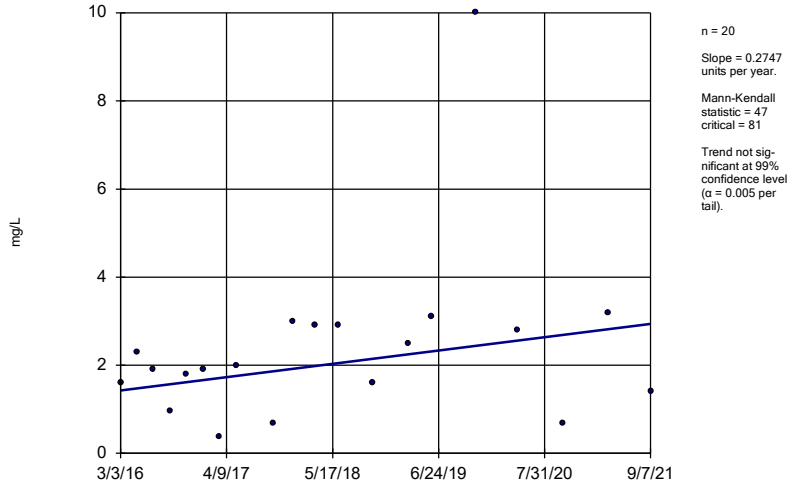
Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-304



n = 20

Slope = 0.2747 units per year.

Mann-Kendall statistic = 47 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

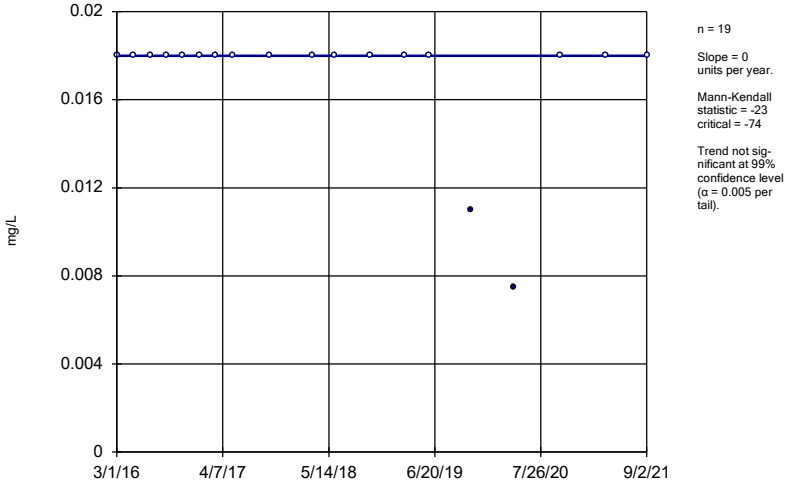
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

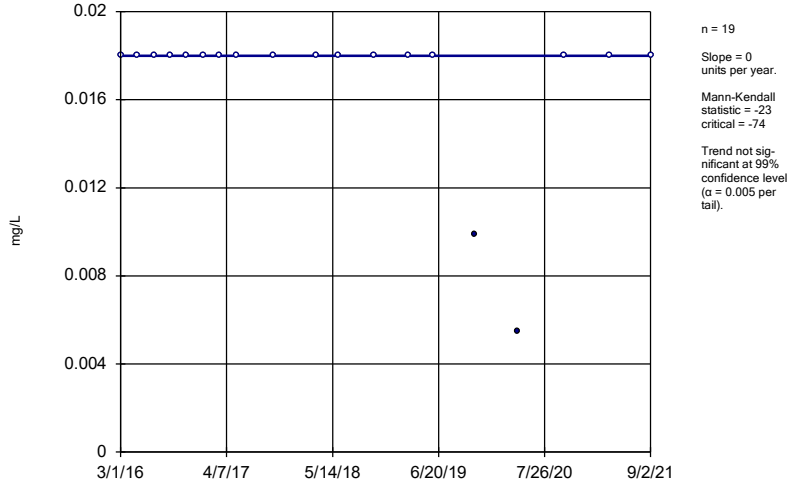
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -23 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

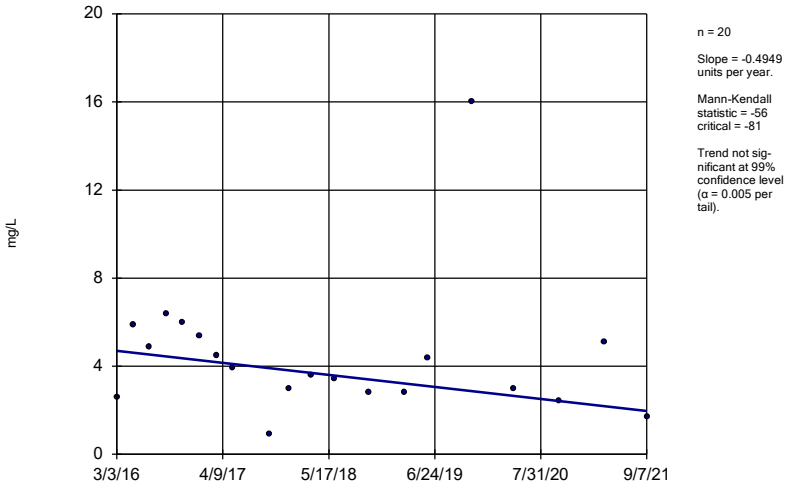
Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-308



n = 20

Slope = -0.4949 units per year.

Mann-Kendall statistic = -56 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

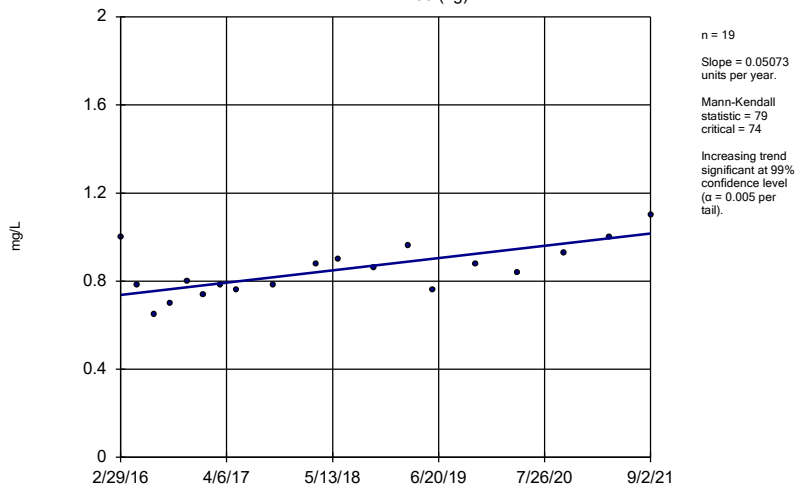
Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0.05073 units per year.

Mann-Kendall statistic = 79 critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

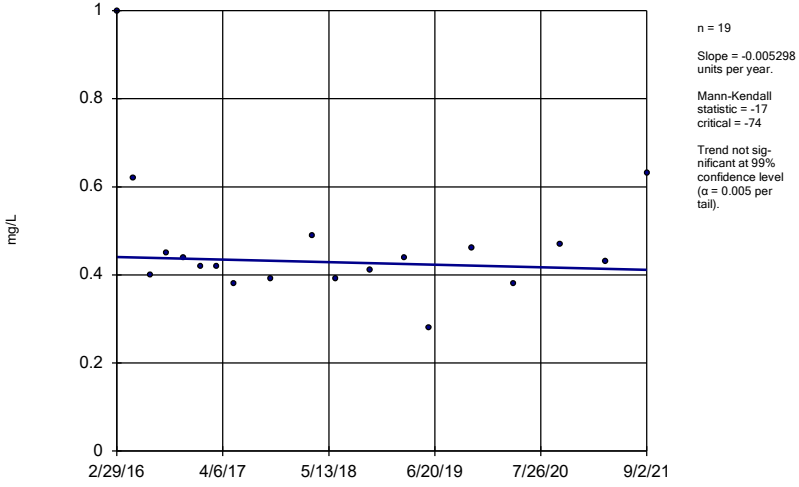
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = -0.005298 units per year.

Mann-Kendall statistic = -17 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

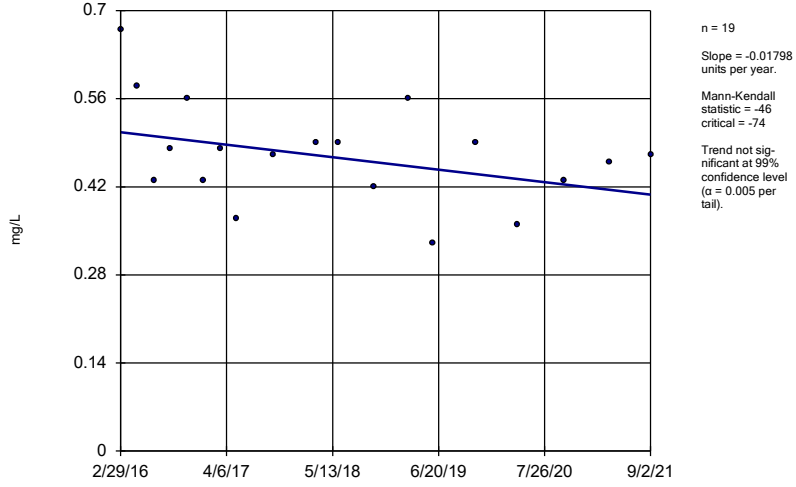
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.01798 units per year.

Mann-Kendall statistic = -46 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

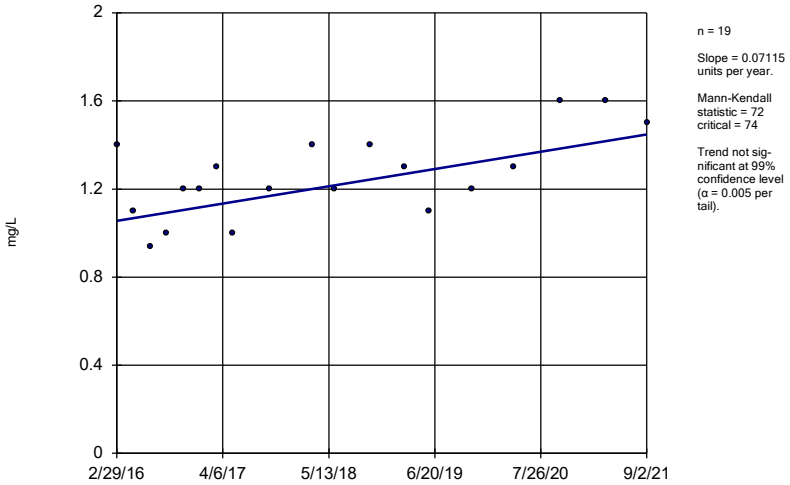
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.07115 units per year.

Mann-Kendall statistic = 72 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

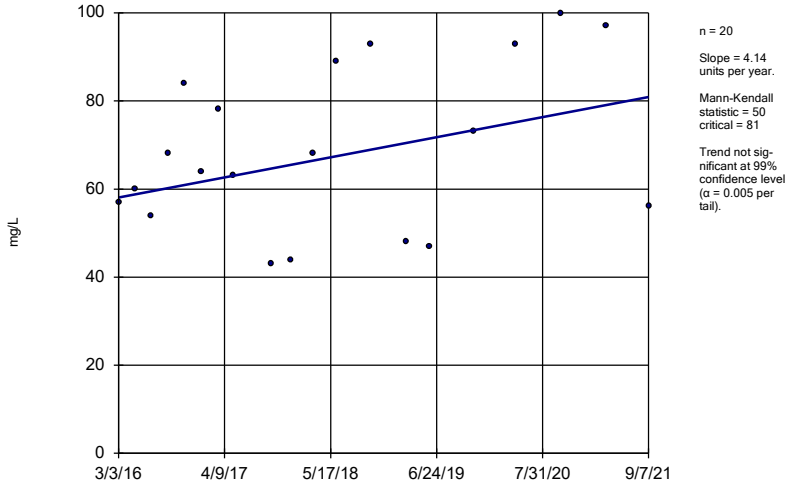
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-303



n = 20

Slope = 4.14 units per year.

Mann-Kendall statistic = 50 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

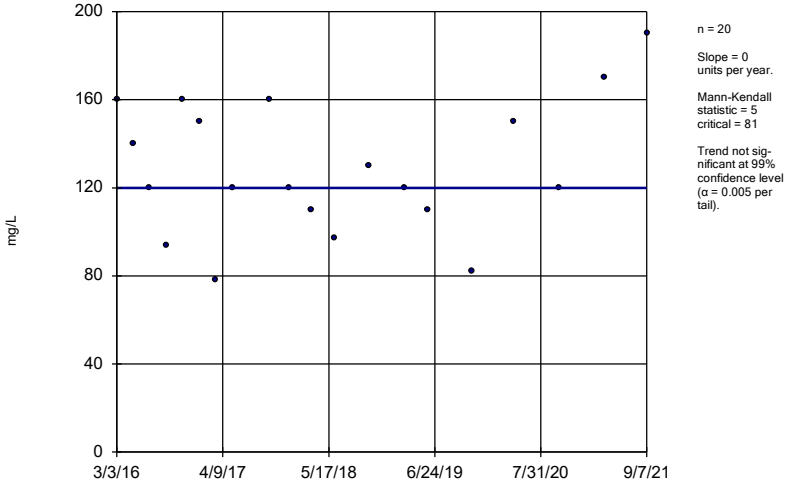
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-304



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 5 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

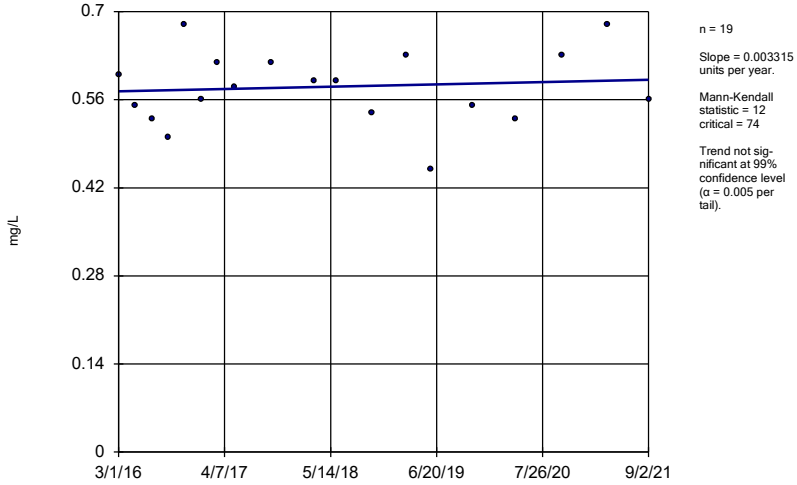
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0.003315 units per year.

Mann-Kendall statistic = 12 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

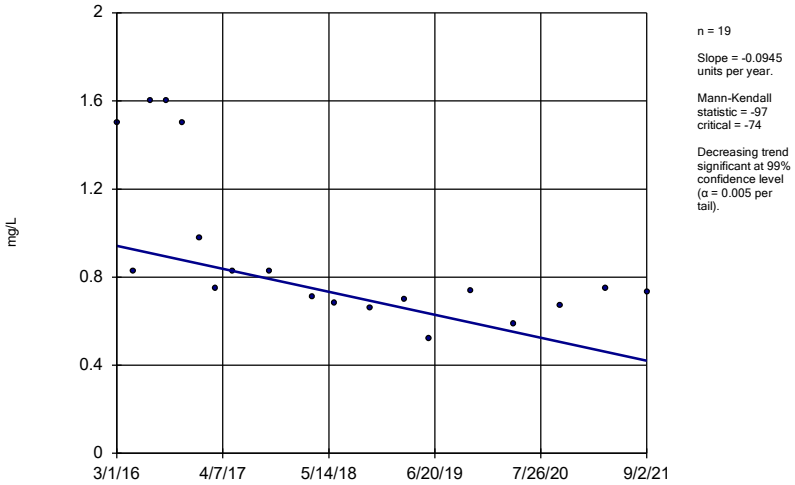
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = -0.0945 units per year.

Mann-Kendall statistic = -97 critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

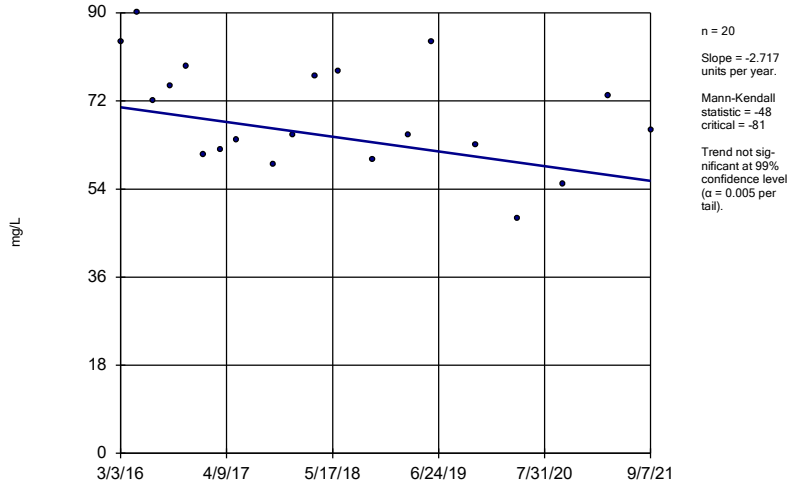
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-308



n = 20

Slope = -2.717 units per year.

Mann-Kendall statistic = -48 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

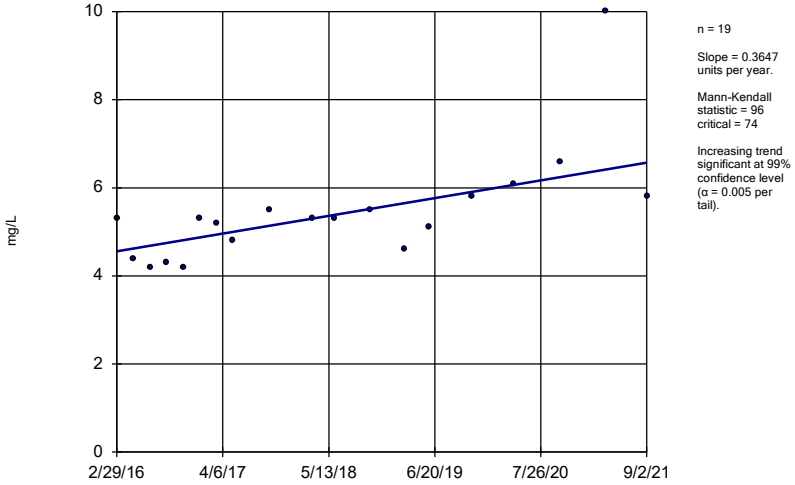
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0.3647 units per year.

Mann-Kendall statistic = 96 critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

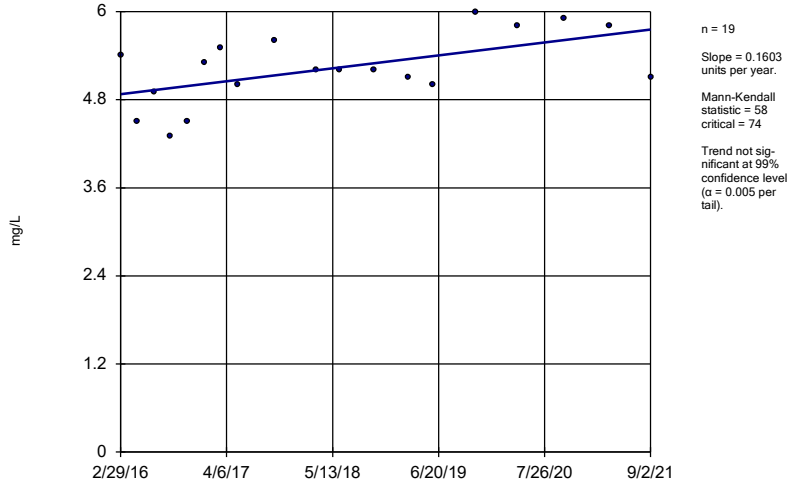
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0.1603 units per year.

Mann-Kendall statistic = 58 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

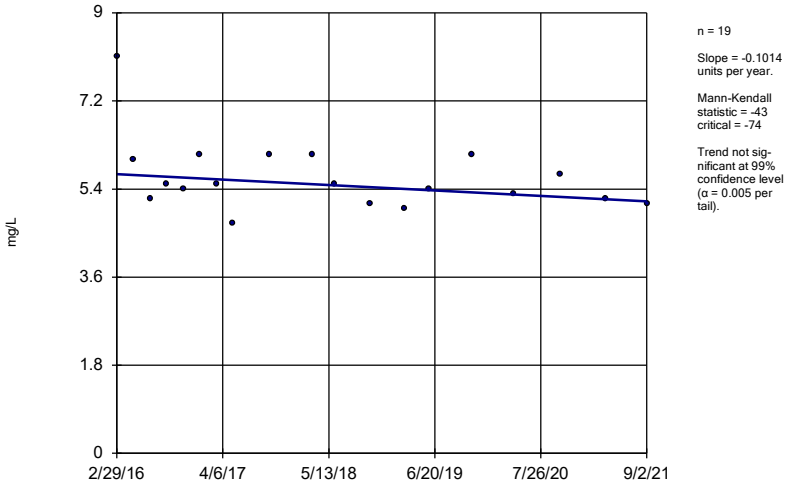
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = -0.1014 units per year.

Mann-Kendall statistic = -43
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

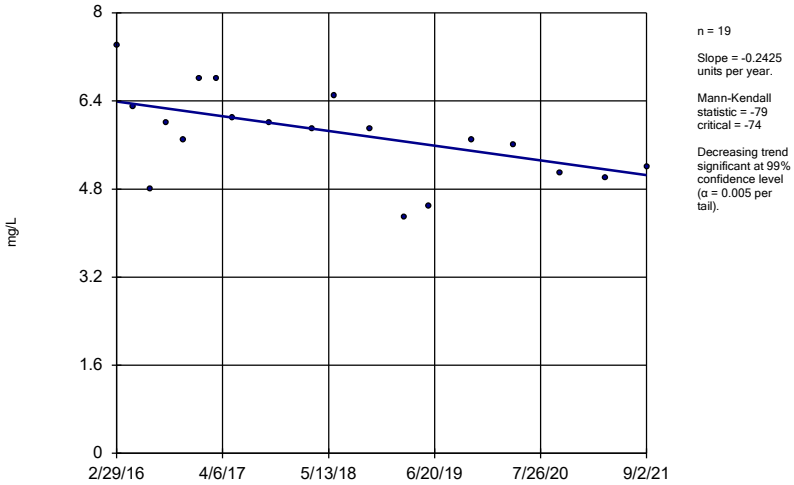
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = -0.2425 units per year.

Mann-Kendall statistic = -79
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

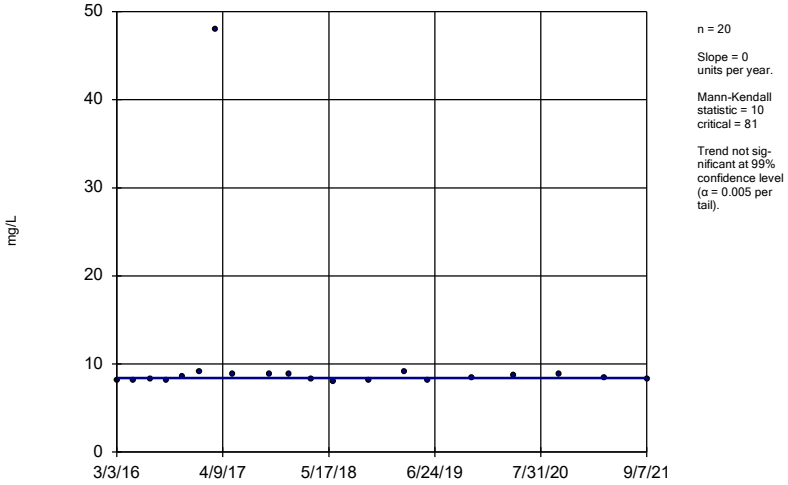
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-300



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 10
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

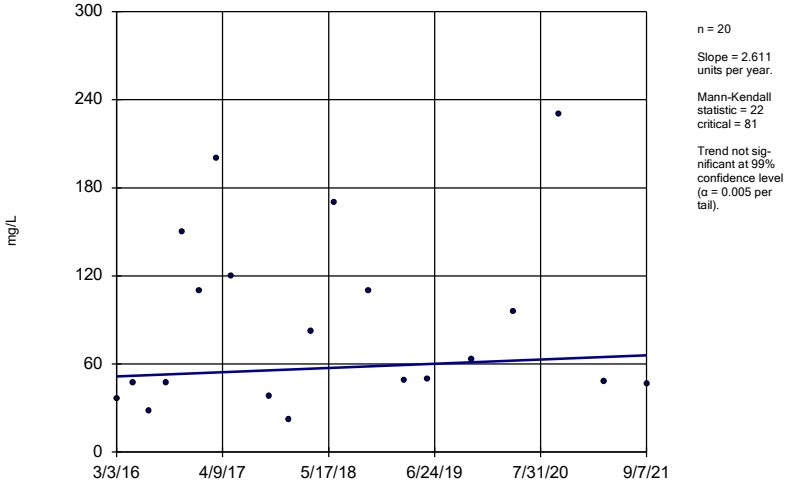
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-303



n = 20

Slope = 2.611 units per year.

Mann-Kendall statistic = 22
critical = 81

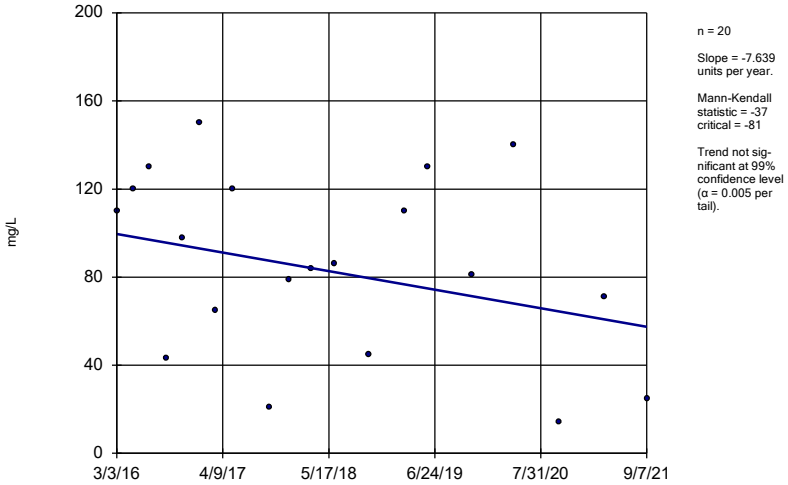
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-304



n = 20

Slope = -7.639 units per year.

Mann-Kendall statistic = -37
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

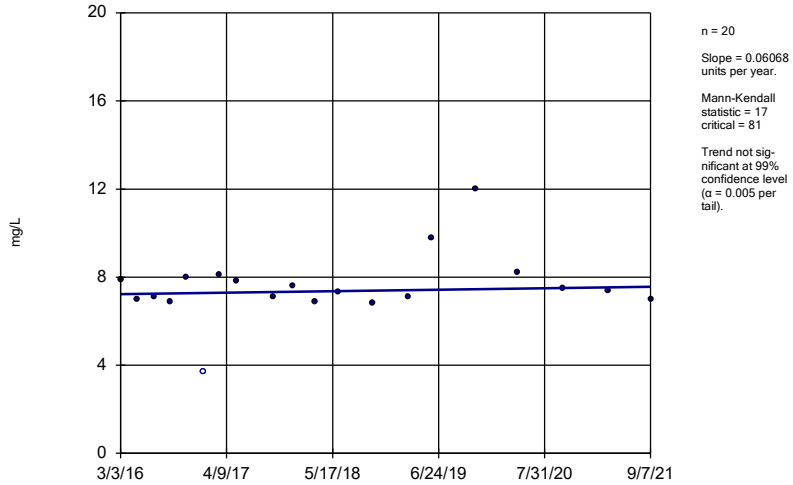
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 20

Slope = 0.06068 units per year.

Mann-Kendall statistic = 17
critical = 81

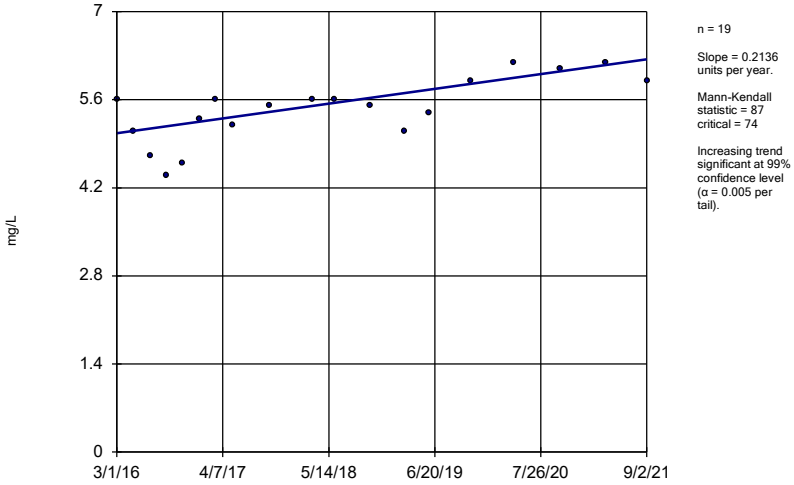
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0.2136 units per year.

Mann-Kendall statistic = 87
critical = 74

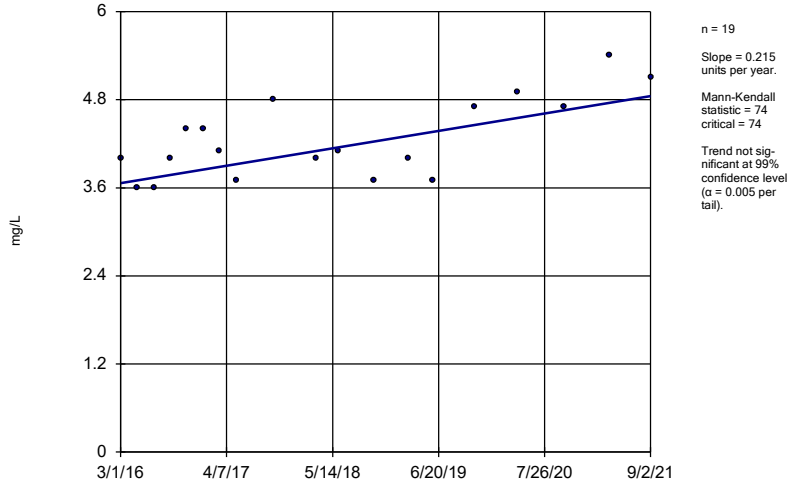
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0.215 units per year.

Mann-Kendall statistic = 74
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

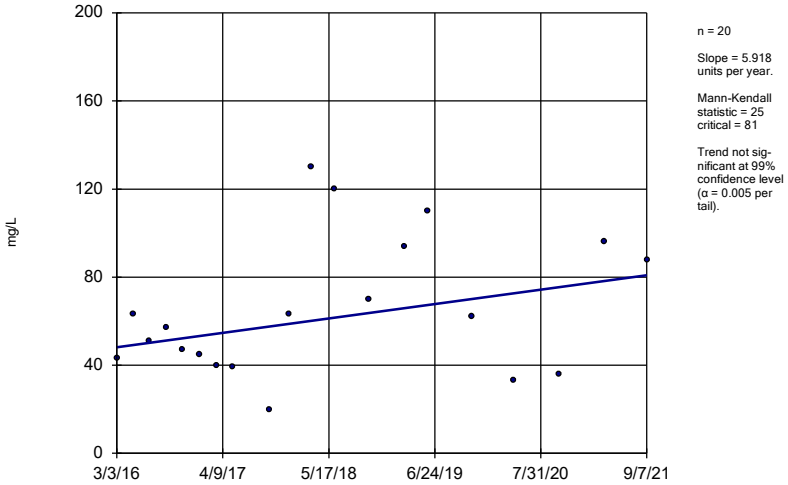
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-308



n = 20

Slope = 5.918 units per year.

Mann-Kendall statistic = 25 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

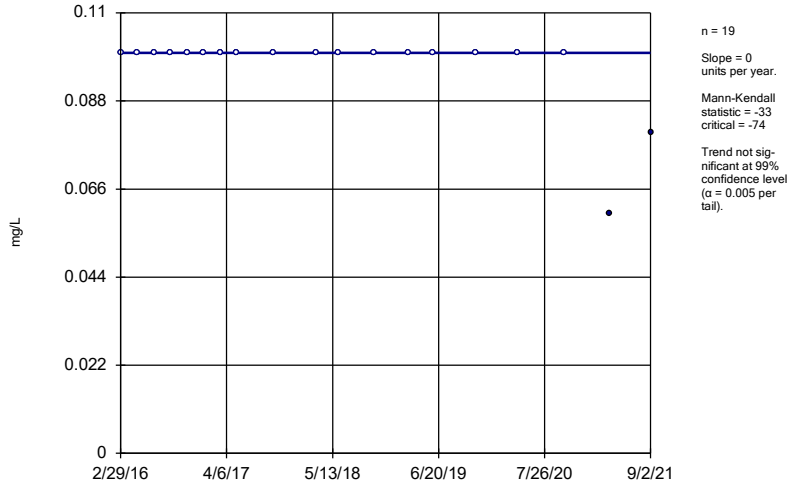
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -33 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

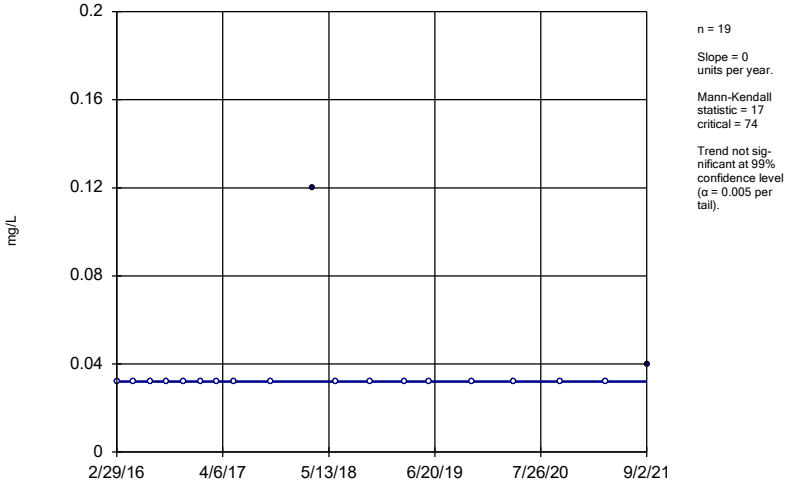
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 17 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

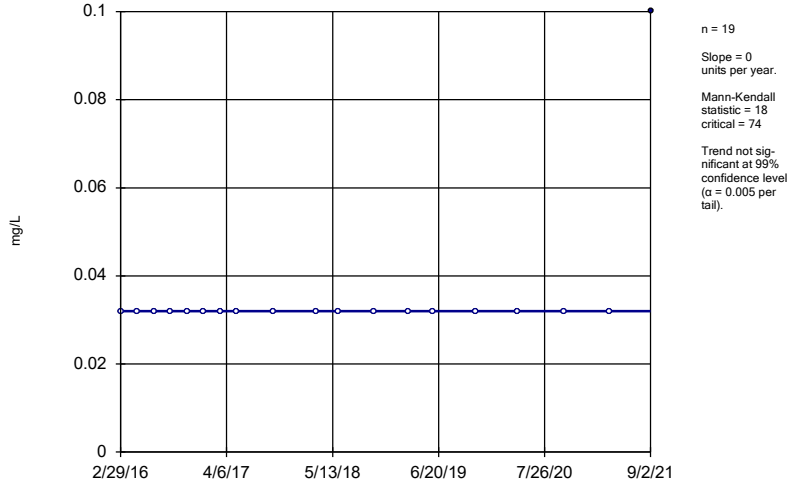
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 18 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

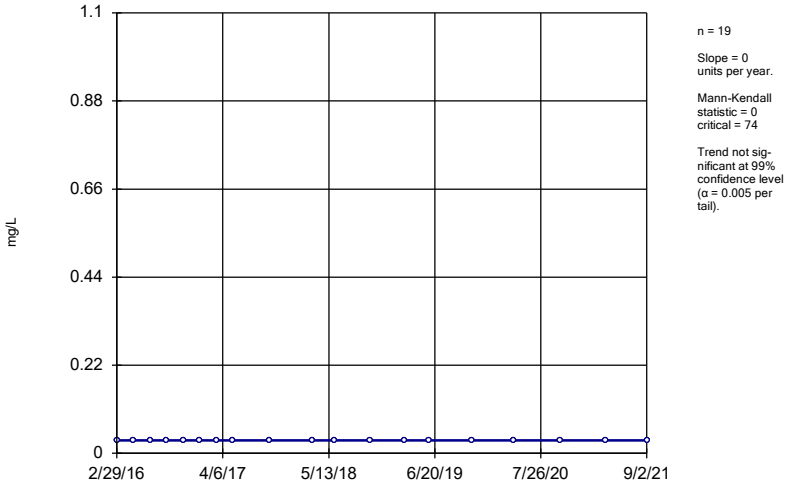
Constituent: Fluoride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 74

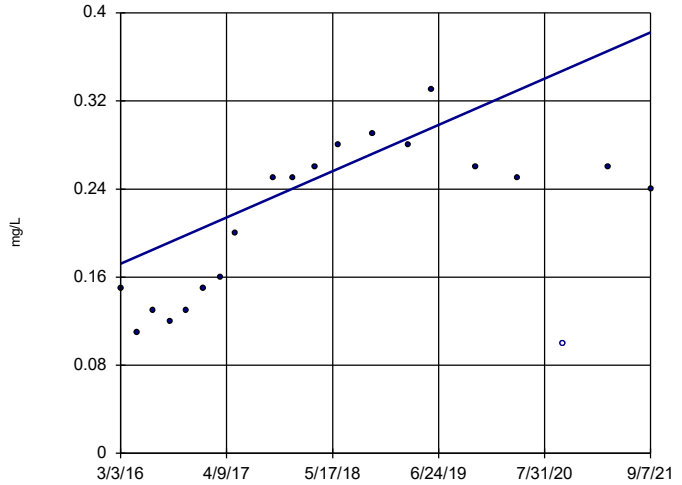
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-303



n = 20

Slope = 0.03808 units per year.

Mann-Kendall statistic = 87
critical = 81

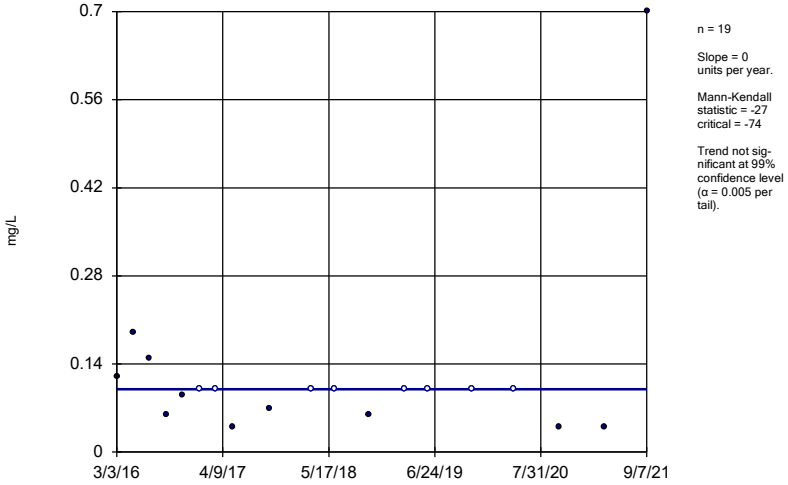
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-304



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -27
critical = -74

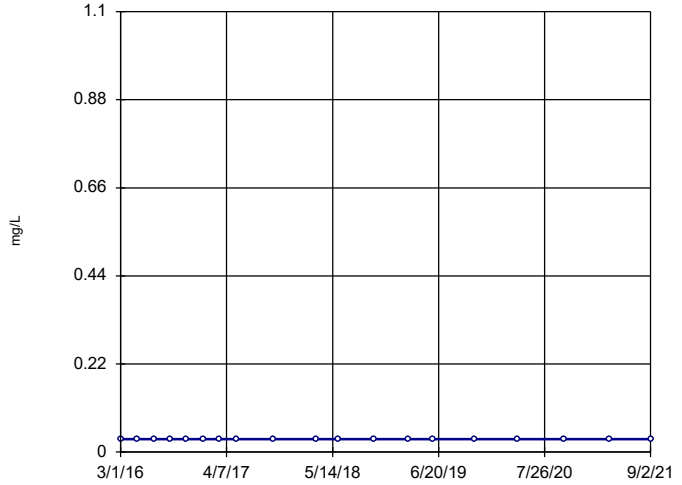
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 74

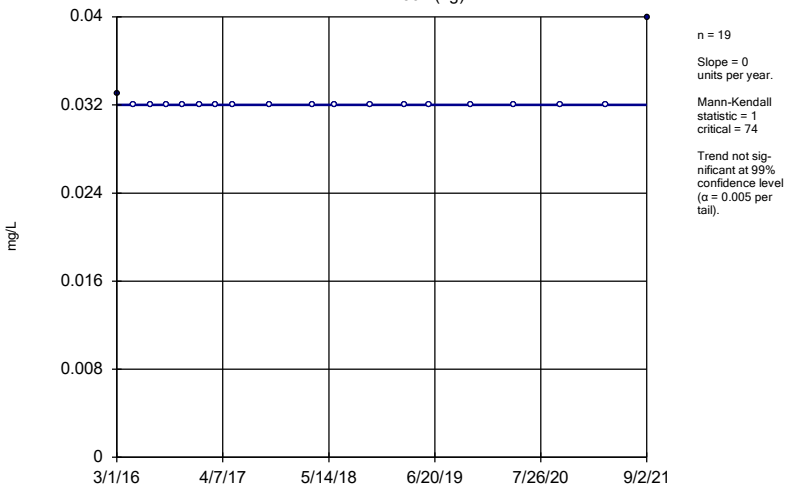
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 74

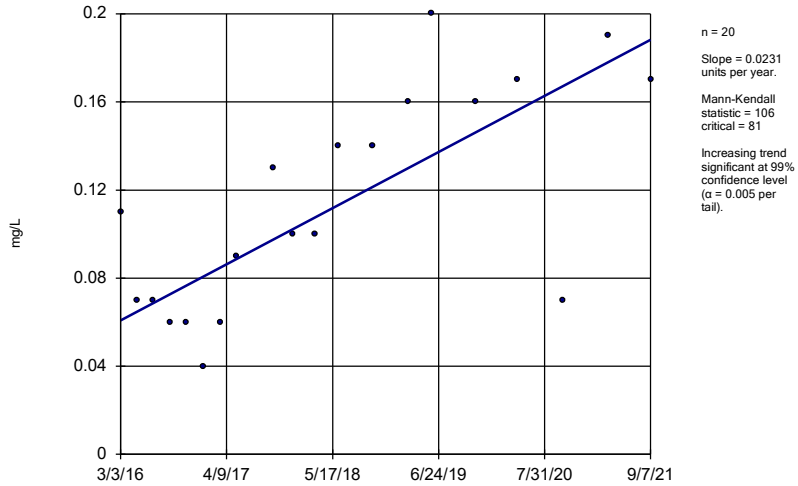
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-308



n = 20

Slope = 0.0231 units per year.

Mann-Kendall statistic = 106
critical = 81

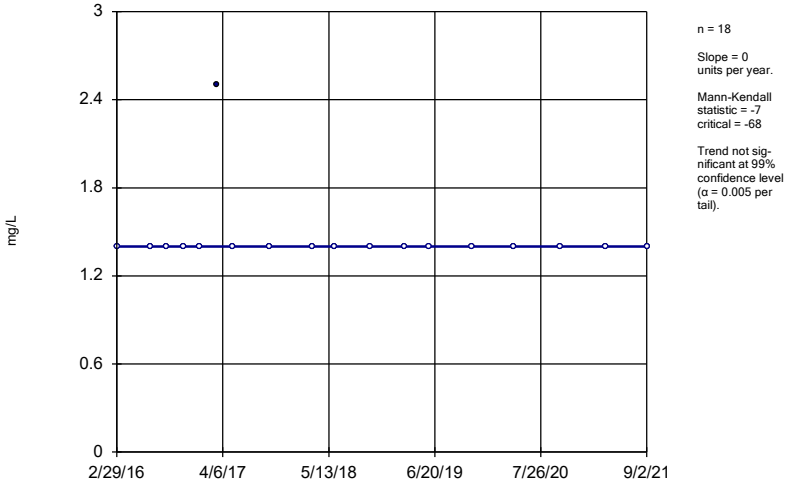
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -7
critical = -68

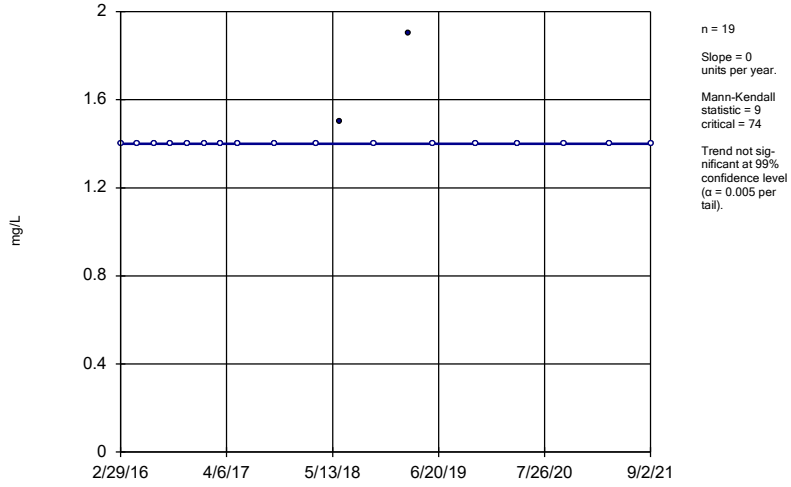
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

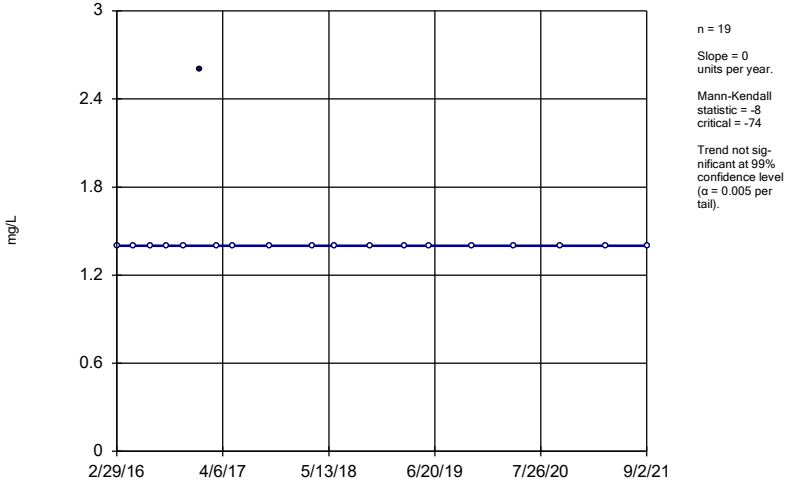
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -8
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

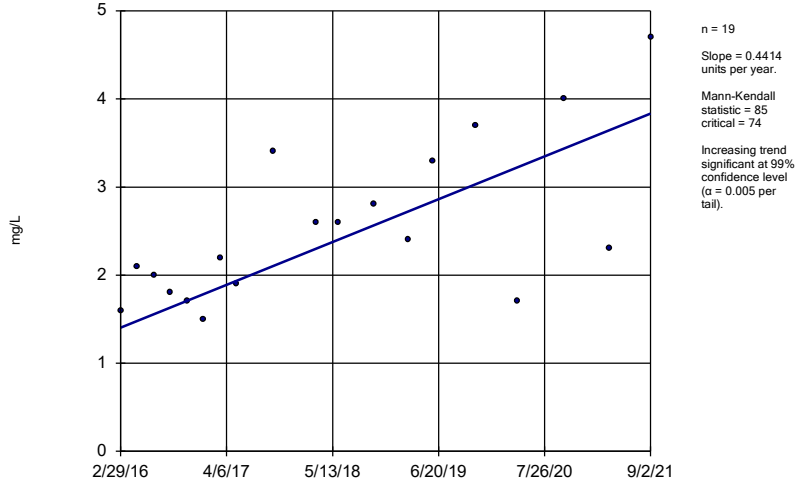
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.4414 units per year.

Mann-Kendall statistic = 85
critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

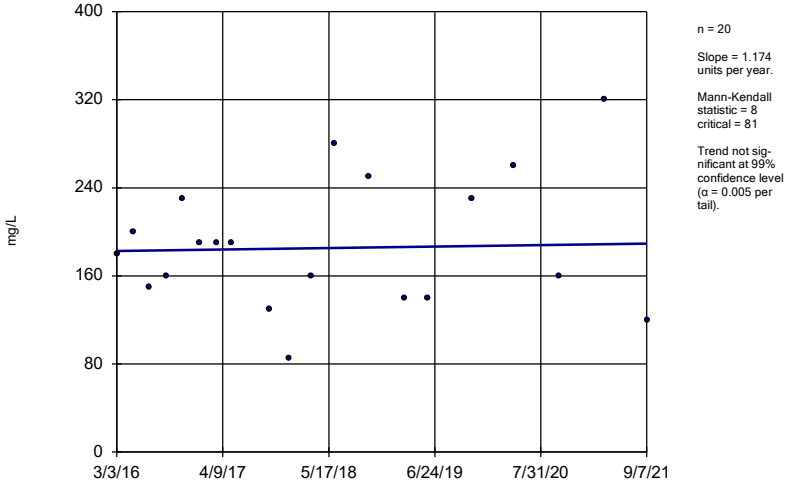
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-303



n = 20

Slope = 1.174 units per year.

Mann-Kendall statistic = 8
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

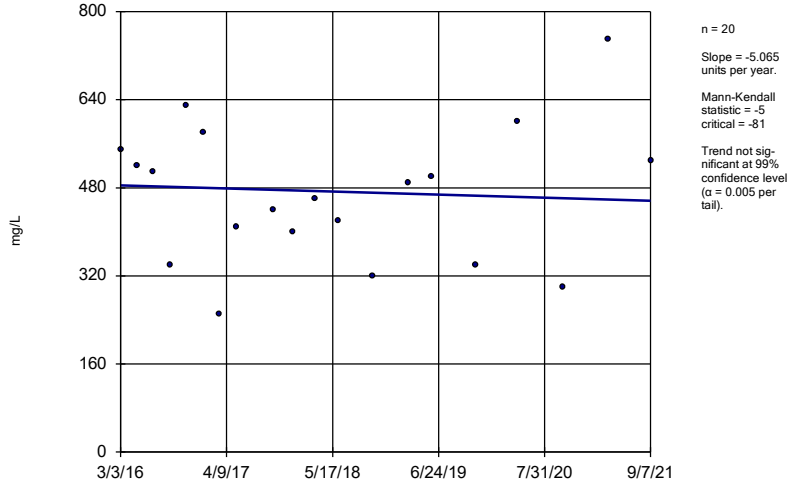
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-304



n = 20

Slope = -5.065 units per year.

Mann-Kendall statistic = -5
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

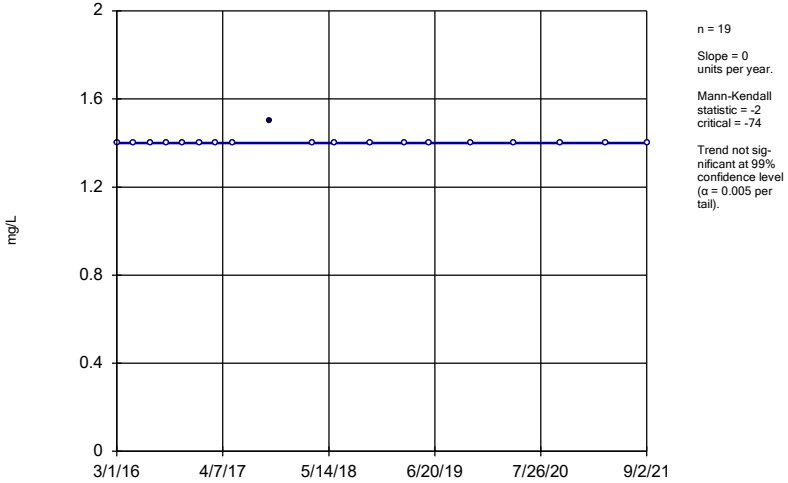
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -2 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

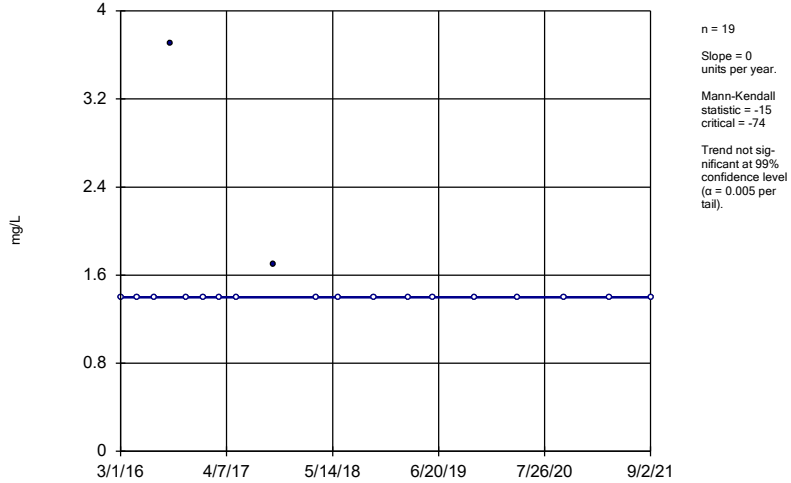
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -15 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

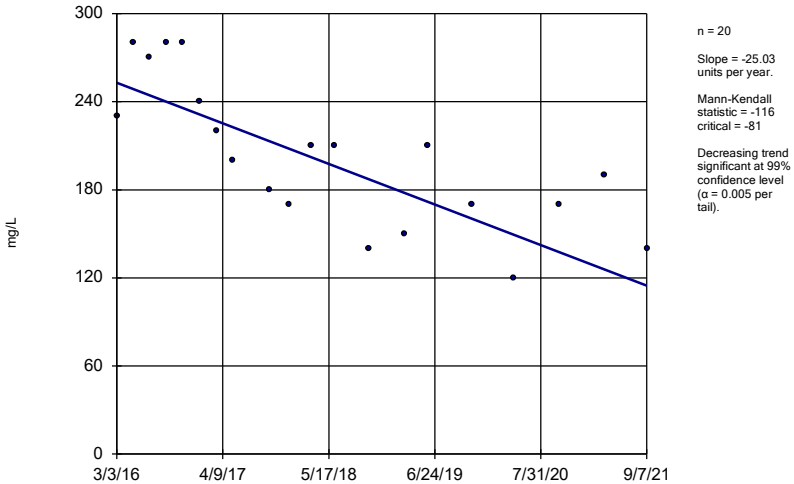
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-308



n = 20

Slope = -25.03 units per year.

Mann-Kendall statistic = -116 critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

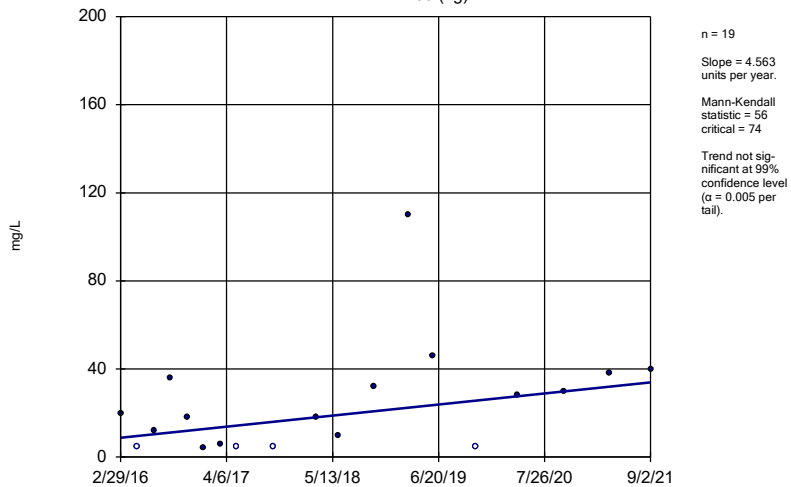
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 4.563 units per year.

Mann-Kendall statistic = 56 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

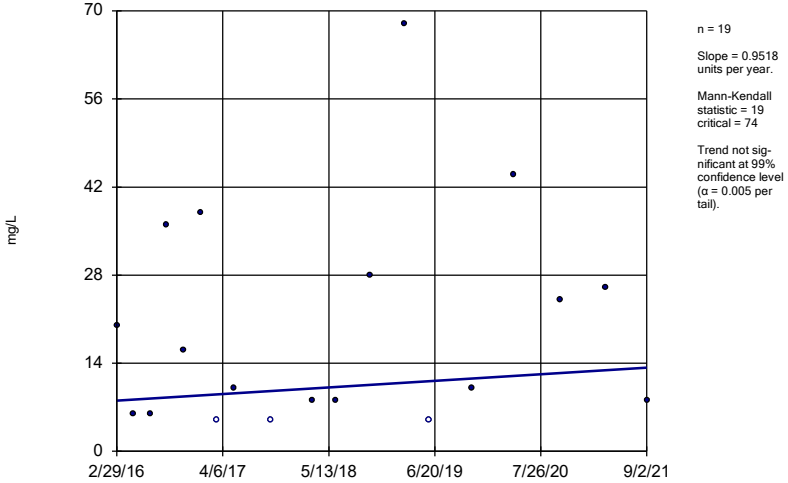
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 19

Slope = 0.9518 units per year.

Mann-Kendall statistic = 19
critical = 74

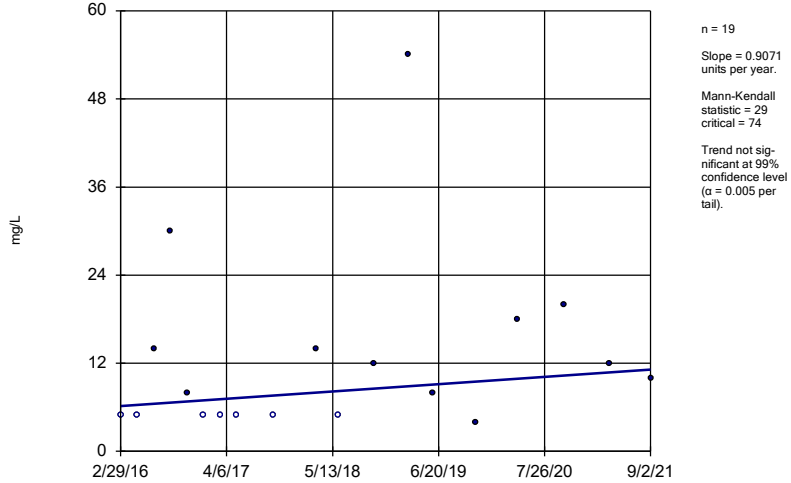
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 19

Slope = 0.9071 units per year.

Mann-Kendall statistic = 29
critical = 74

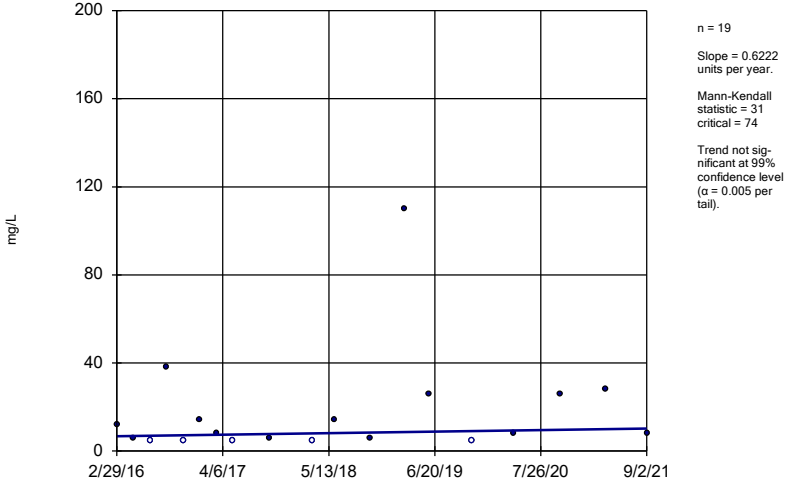
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.6222 units per year.

Mann-Kendall statistic = 31
critical = 74

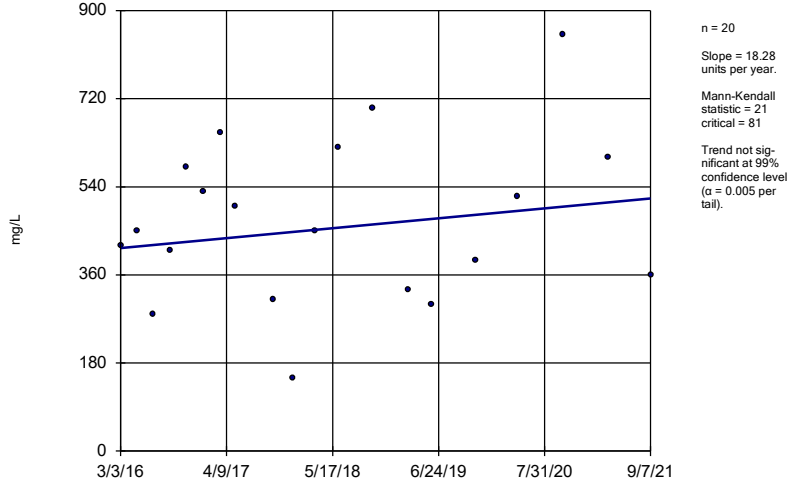
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-303



n = 20

Slope = 18.28 units per year.

Mann-Kendall statistic = 21
critical = 81

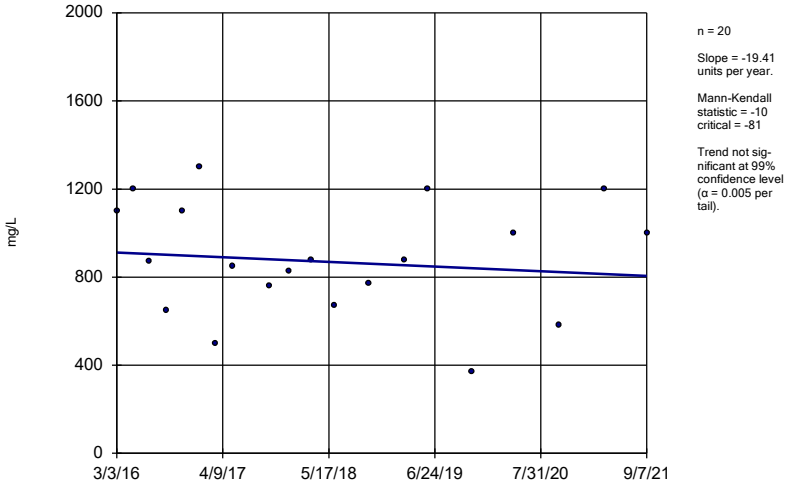
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-304



n = 20

Slope = -19.41 units per year.

Mann-Kendall statistic = -10
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

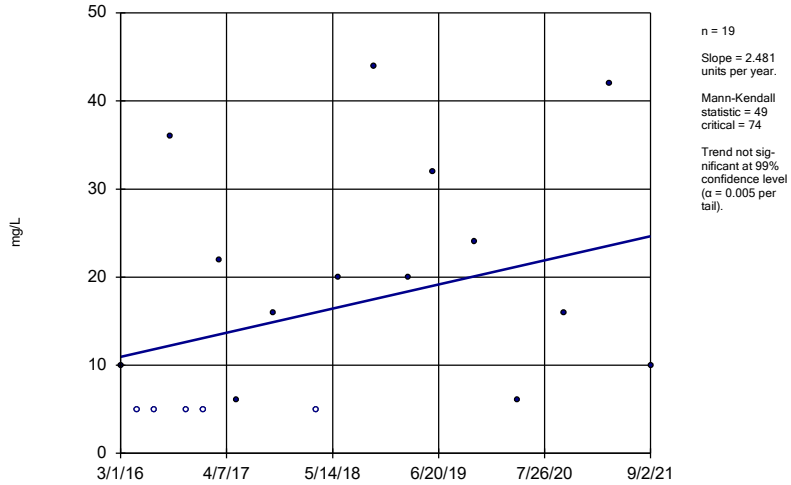
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 19

Slope = 2.481 units per year.

Mann-Kendall statistic = 49
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

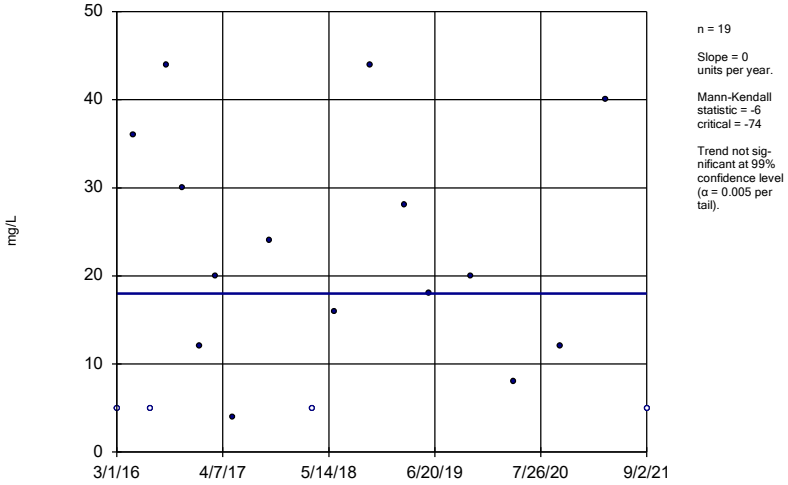
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -6
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

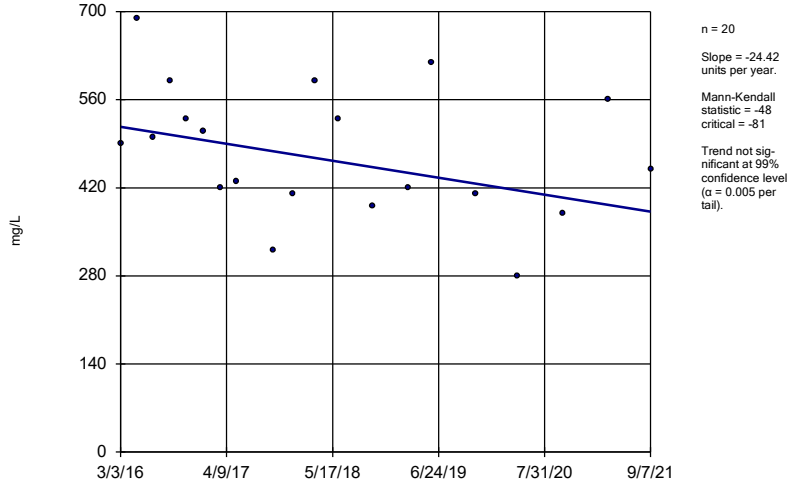
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-308



n = 20

Slope = -24.42 units per year.

Mann-Kendall statistic = -48
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Confidence Intervals - 100, 200 & 300 Series

100 Series

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02078**	**0.01466**	**0.006**	**Yes**	**18**	**0.005062**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.31**	**13.24**	**5**	**Yes**	**18**	**4.189**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.104**	**5.466**	**5**	**Yes**	**18**	**1.354**	**0**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.00585**	**0.003476**	**0.002**	**Yes**	**18**	**0.001962**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0005	0.00039	0.01	No	18	0.00002593	94.44	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	18	0.0004081	83.33	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.006841	0.002425	0.01	No	18	0.00365	5.556	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0047	0.0036	0.01	No	18	0.001684	0	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.00048	0.00025	0.01	No	18	0.0001728	83.33	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	18	0.0001246	55.56	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.011	0.0085	2	No	18	0.001401	0	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.05888	0.04046	2	No	18	0.01522	0	No	0.01	Param.
Barium (mg/L)	MW-104	0.02508	0.02015	2	No	18	0.004075	0	No	0.01	Param.
Barium (mg/L)	MW-105	0.04663	0.03537	2	No	18	0.009299	0	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0096	2	No	18	0.001908	0	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02339	0.01849	2	No	18	0.004235	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-110	0.04536	0.03419	2	No	18	0.009233	0	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.00017	0.00011	0.004	No	18	0.00001414	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001152	0.0007673	0.004	No	18	0.0003176	0	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.00017	0.000044	0.004	No	18	0.0000297	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.00017	0.00013	0.004	No	18	0.00002185	88.89	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00056	0.00028	0.005	No	18	0.000149	44.44	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.00028	0.000078	0.005	No	18	0.00004761	94.44	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.00032	0.00011	0.005	No	18	0.0000417	88.89	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0012	0.00037	0.1	No	18	0.0004584	83.33	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.0011	0.00028	0.1	No	18	0.002076	72.22	No	0.01	NP (normality)
Chromium (mg/L)	MW-104	0.002197	0.001261	0.1	No	18	0.0006302	22.22	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002544	0.001856	0.1	No	18	0.0005678	5.556	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0019	0.001	0.1	No	18	0.0002121	94.44	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.016	0.001	0.1	No	18	0.003536	94.44	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0016	0.00042	0.1	No	18	0.0002471	83.33	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.00056	0.00023	0.006	No	18	0.0001186	88.89	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.00064	0.00044	0.006	No	18	0.0001737	66.67	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02078**	**0.01466**	**0.006**	**Yes**	**18**	**0.005062**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.00087	0.00037	0.006	No	18	0.00008792	88.89	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.00059	0.00044	0.006	No	18	0.0001433	33.33	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.006914	0.003456	0.006	No	18	0.003128	0	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-110	0.01212	0.005463	0.006	No	18	0.006471	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-102	1.748	1.217	5	No	18	0.5103	0	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.743	4.877	5	No	18	1.542	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.31**	**13.24**	**5**	**Yes**	**18**	**4.189**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.244	2.638	5	No	18	1.327	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.296	0.7576	5	No	18	0.4895	5.556	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	3.029	1.666	5	No	18	1.126	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.104**	**5.466**	**5**	**Yes**	**18**	**1.354**	**0**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.037	0.032	4	No	19	0.04767	89.47	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3582	0.2548	4	No	20	0.09103	0	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.04	0.032	4	No	19	0.008965	63.16	No	0.01	NP (normality)
Fluoride (mg/L)	MW-109	0.05	0.032	4	No	19	0.004129	94.74	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.04	0.032	4	No	19	0.008888	57.89	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.00029	0.00018	0.015	No	18	0.0000426	88.89	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00029	0.00011	0.015	No	18	0.00004243	94.44	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002363	0.001859	0.015	No	18	0.0004171	0	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	18	0.0001538	88.89	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00029	0.015	No	18	0.00002357	94.44	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	18	0.0002422	77.78	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00029	0.015	No	18	0.00003146	72.22	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.0019	0.0014	0.04	No	18	0.0002942	83.33	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.0017	0.04	No	18	0.0006073	44.44	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.0331	0.02006	0.04	No	18	0.01163	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.0019	0.00039	0.04	No	18	0.0003559	94.44	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0035	0.0012	0.04	No	18	0.001453	66.67	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006581	0.005187	0.04	No	18	0.001215	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.012	0.0073	0.04	No	18	0.01964	0	No	0.01	NP (normality)
Mercury (mg/L)	MW-102	0.00015	0.000094	0.002	No	18	0.00001811	88.89	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00016	0.00012	0.002	No	18	0.0001113	83.33	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001263	0.000701	0.002	No	18	0.0005162	0	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-106	0.00015	0.00008	0.002	No	18	0.0000165	94.44	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.0012	0.000097	0.002	No	18	0.0007945	66.67	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.00585**	**0.003476**	**0.002**	**Yes**	**18**	**0.001962**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-105	0.005457	0.003616	0.1	No	18	0.001657	5.556	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-102	0.001	0.00029	0.05	No	18	0.0002267	77.78	No	0.01	NP (NDs)

Confidence Interval Summary Table - 100 Series - All Results

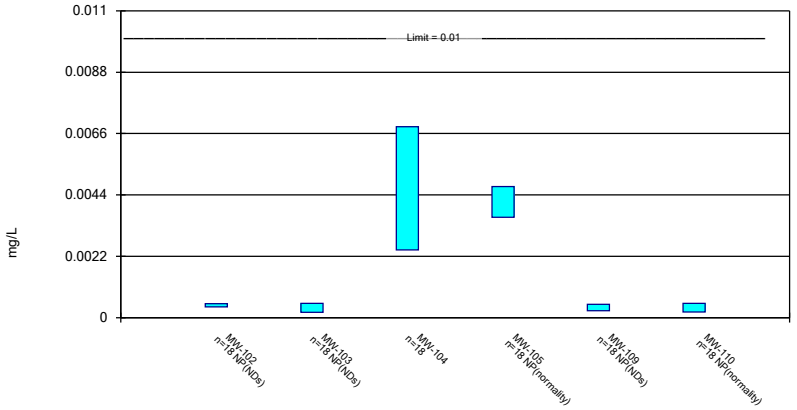
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Selenium (mg/L)	MW-103	0.002788	0.001859	0.05	No	18	0.0007681	5.556	No	0.01	Param.
Selenium (mg/L)	MW-104	0.0112	0.005299	0.05	No	18	0.005383	0	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-105	0.00082	0.0004	0.05	No	18	0.0002217	61.11	No	0.01	NP (normality)
Selenium (mg/L)	MW-109	0.00082	0.00024	0.05	No	18	0.0001941	88.89	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003715	0.003196	0.05	No	18	0.0004287	0	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.00012	0.002	No	18	0.00002121	94.44	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.00015	0.000026	0.002	No	18	0.00002365	88.89	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003399	0.0002456	0.002	No	18	0.0000779	0	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00012	0.00012	0.002	No	18	0.00002828	88.89	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.00012	0.00012	0.002	No	18	7.1e-13	94.44	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002931	0.0002347	0.002	No	18	0.00004828	0	No	0.01	Param.

Sanitas™ v.9.6.32 . 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.

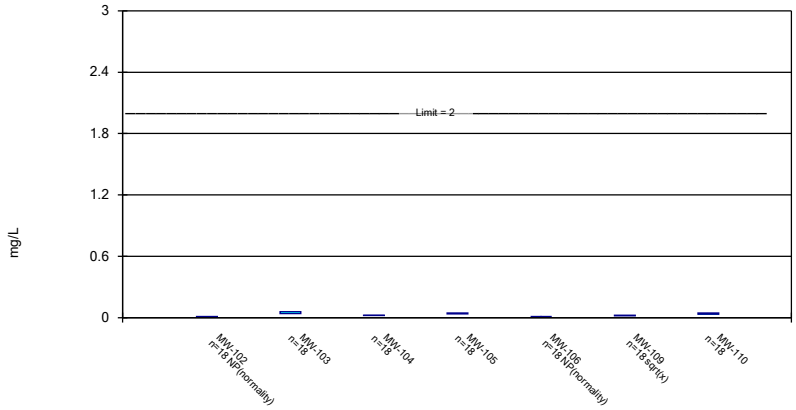


Constituent: Arsenic Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

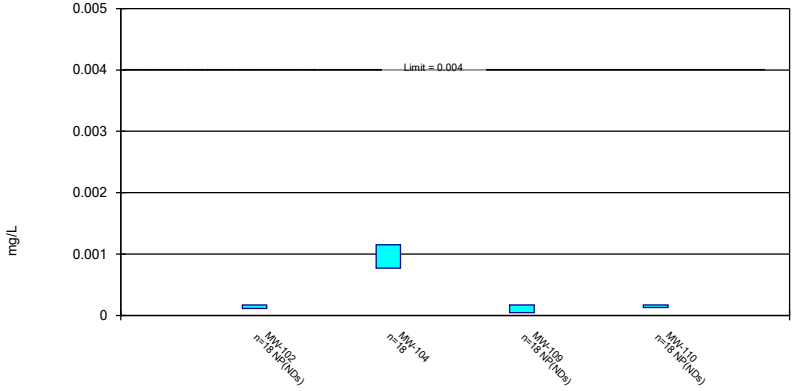


Constituent: Barium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

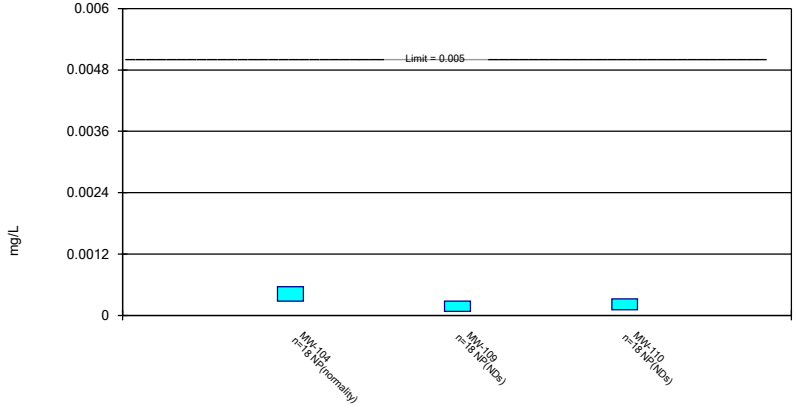


Constituent: Beryllium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

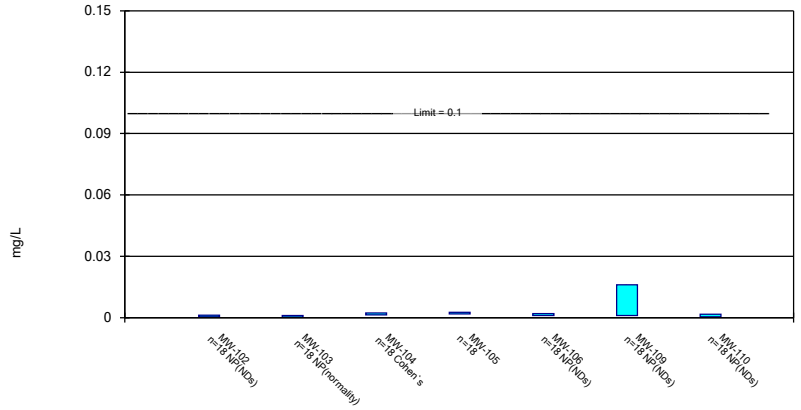


Constituent: Cadmium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

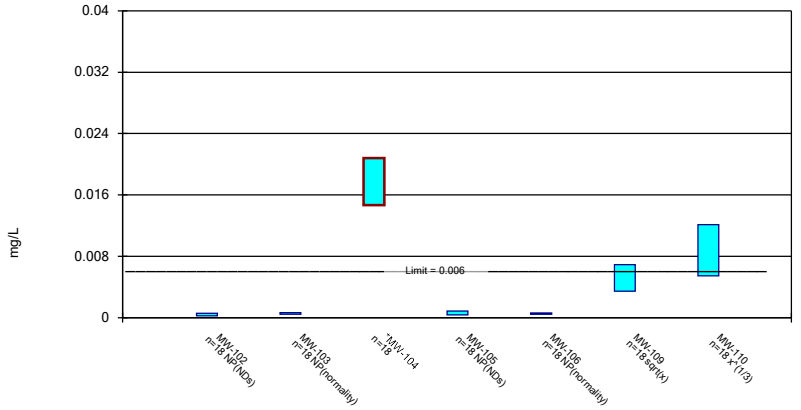


Constituent: Chromium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

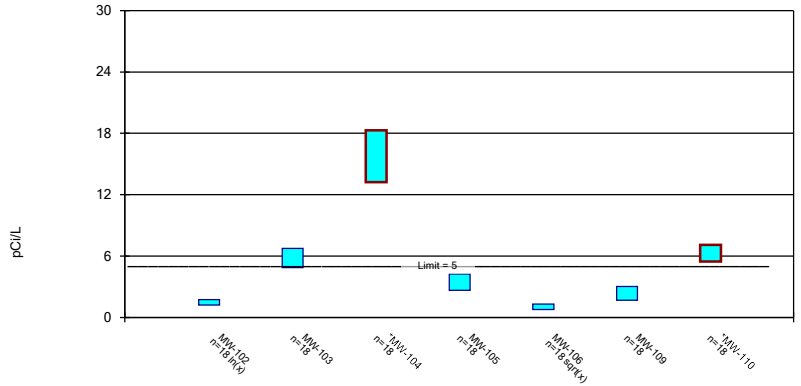


Constituent: Cobalt Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

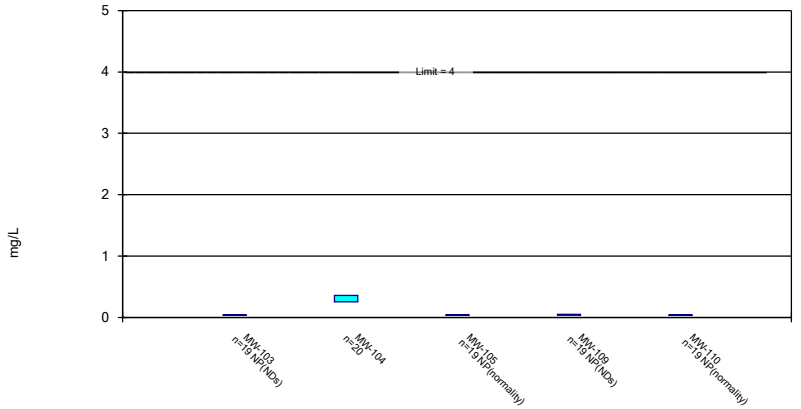


Constituent: Combined Radium 226 + 228 Analysis Run 12/29/2021 11:47 AM View: 100 Series Confiden
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

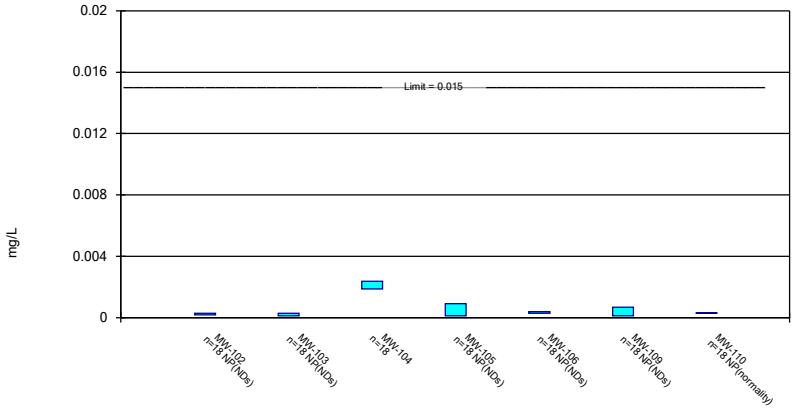


Constituent: Fluoride Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

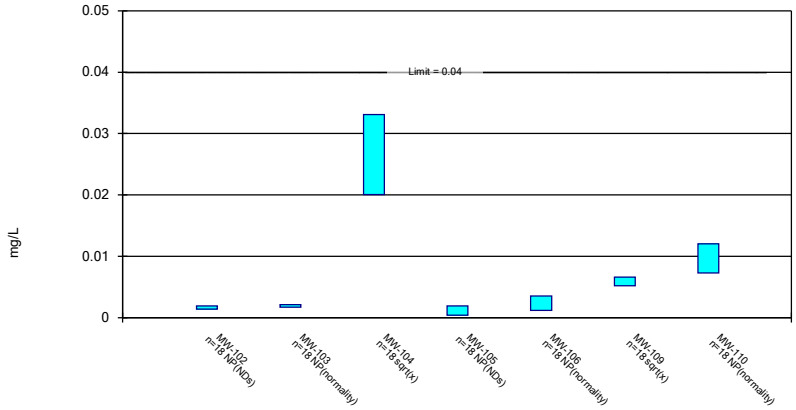


Constituent: Lead Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

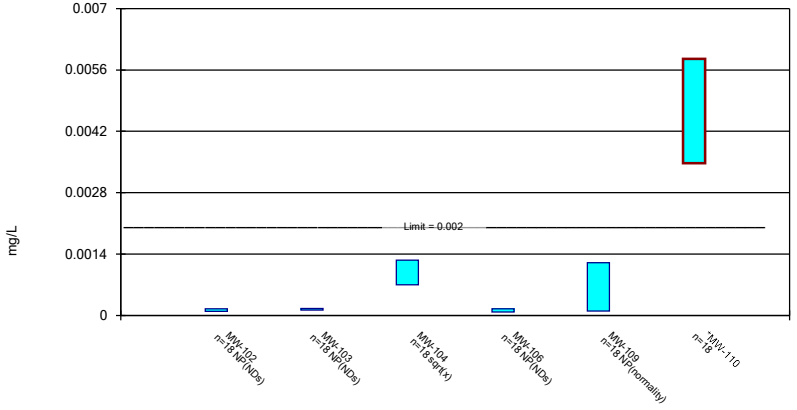


Constituent: Lithium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

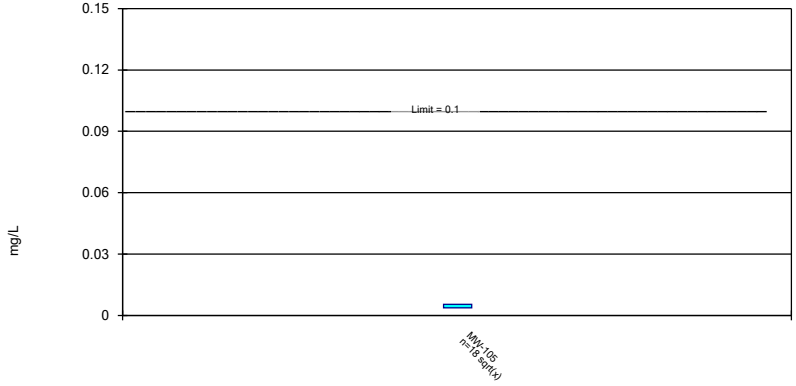


Constituent: Mercury Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Parametric Confidence Interval

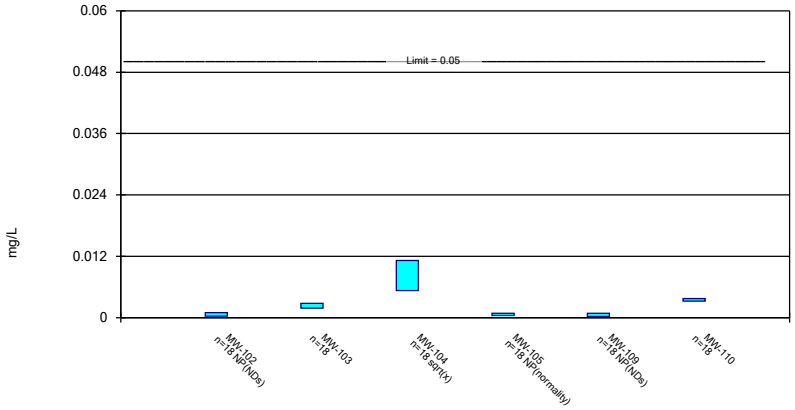
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

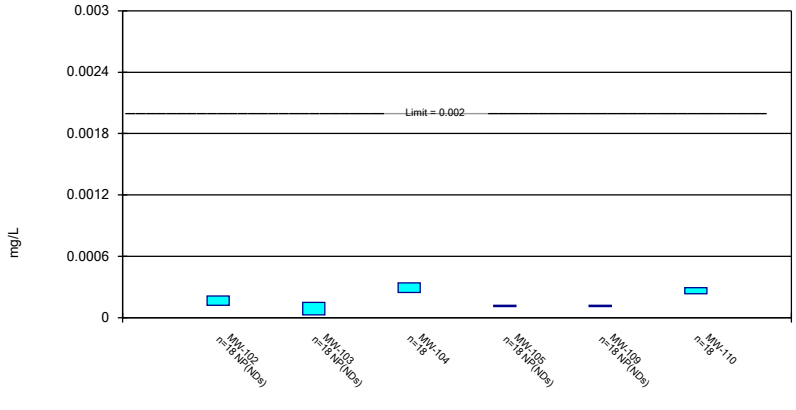


Constituent: Selenium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

200 Series

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.23**	**7.145**	**5**	**Yes**	**18**	**6.977**	**0**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**18**	**7.74**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.04**	**5**	**Yes**	**18**	**12.25**	**0**	**No**	**0.01**	**NP (normality)**

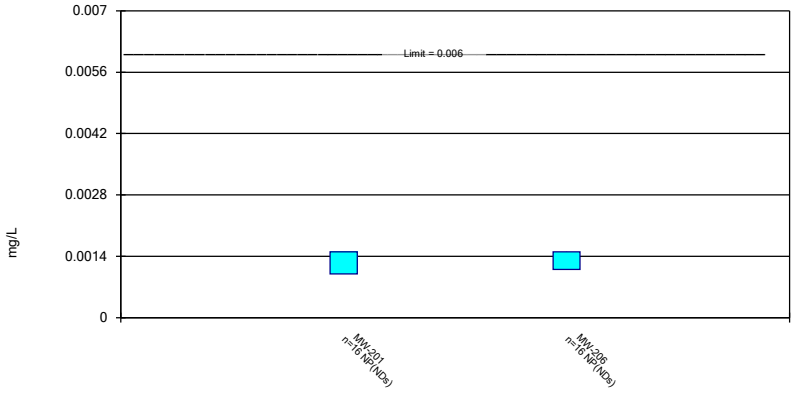
Confidence Interval Summary Table - 200 Series - All Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0015	0.001	0.006	No	16	0.0001708	87.5	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0015	0.0011	0.006	No	16	0.0001	93.75	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.0038	0.00044	0.01	No	18	0.001793	22.22	No	0.01	NP (normality)
Arsenic (mg/L)	MW-201	0.0043	0.00039	0.01	No	18	0.003171	44.44	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.008613	0.002021	0.01	No	18	0.0064	5.556	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.0612	0.03503	2	No	18	0.02162	0	No	0.01	Param.
Barium (mg/L)	MW-201	0.06571	0.03774	2	No	18	0.02312	0	No	0.01	Param.
Barium (mg/L)	MW-206	0.1031	0.05792	2	No	18	0.03733	0	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	18	0.0005517	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	18	0.0005511	94.44	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.00042	0.000041	0.004	No	18	0.000129	77.78	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	17	0.0008407	70.59	No	0.01	NP (normality)
Cadmium (mg/L)	MW-201	0.014	0.0015	0.005	No	18	0.005571	5.556	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.0027	0.00055	0.005	No	18	0.001093	5.556	No	0.01	NP (normality)
Chromium (mg/L)	MW-201	0.0011	0.001	0.1	No	15	0.0003173	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.001	0.1	No	15	0.0004131	93.33	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0019	0.0011	0.006	No	18	0.0006257	22.22	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-201	0.002742	0.001369	0.006	No	18	0.001303	5.556	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004447	0.002194	0.006	No	18	0.001862	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.23**	**7.145**	**5**	**Yes**	**18**	**6.977**	**0**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**18**	**7.74**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**8.04**	**5**	**Yes**	**18**	**12.25**	**0**	**No**	**0.01**	**NP (normality)**
Fluoride (mg/L)	MW-200	0.088	0.05	4	No	19	0.05762	21.05	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7266	0.4774	4	No	20	0.2194	0	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.08083	0.05187	4	No	20	0.0255	5	No	0.01	Param.
Lead (mg/L)	MW-200	0.001216	0.000438	0.015	No	18	0.0005563	16.67	No	0.01	Param.
Lead (mg/L)	MW-201	0.0005	0.00029	0.015	No	18	0.0001285	61.11	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.0092	0.00085	0.015	No	18	0.00411	0	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.0024	0.0012	0.04	No	18	0.00192	77.78	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0069	0.0026	0.04	No	18	0.007443	11.11	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.0029	0.0014	0.04	No	18	0.0003197	83.33	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002103	0.0008524	0.002	No	18	0.001033	5.556	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00026	0.002	No	18	0.001058	5.556	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.00064	0.000075	0.002	No	18	0.0002882	33.33	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-200	0.0078	0.0045	0.1	No	16	0.000825	93.75	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.0045	0.0015	0.1	No	16	0.00075	93.75	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.0045	0.00092	0.1	No	16	0.000895	93.75	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01057	0.004607	0.05	No	18	0.005709	0	ln(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01041	0.003919	0.05	No	18	0.005653	0	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-206	0.0179	0.01149	0.05	No	18	0.005301	0	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0004	0.00006	0.002	No	18	0.0001638	33.33	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.000394	0.0001871	0.002	No	18	0.000171	5.556	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0007049	0.0003	0.002	No	18	0.0003246	5.556	sqrt(x)	0.01	Param.

Non-Parametric Confidence Interval

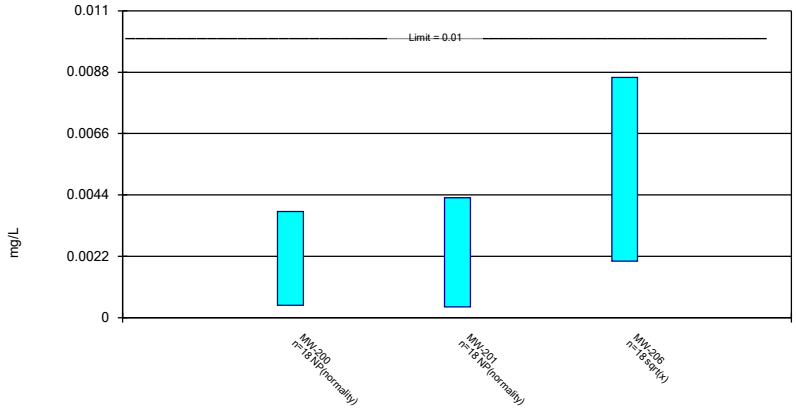
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

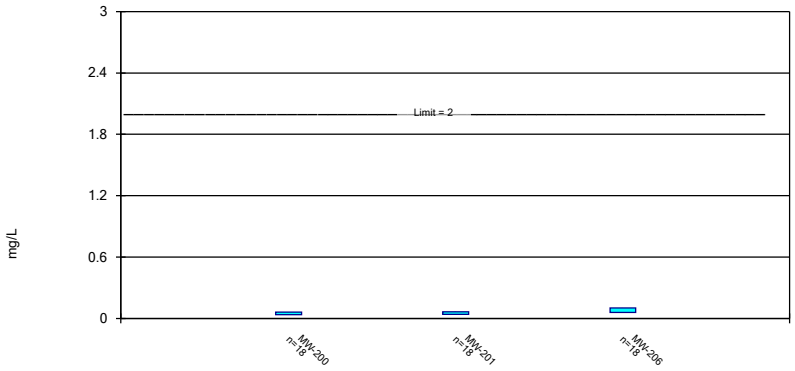
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Parametric Confidence Interval

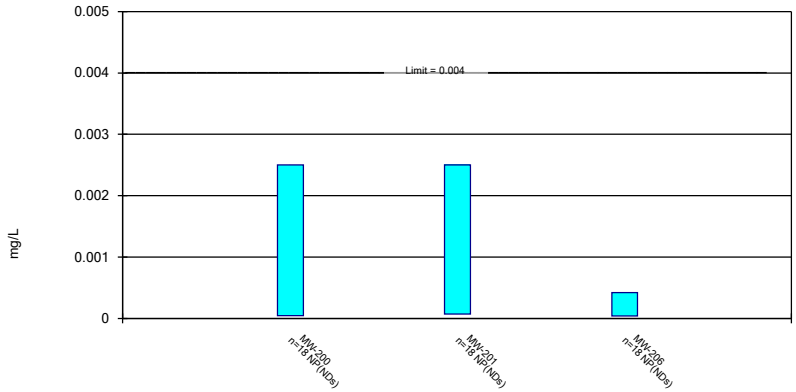
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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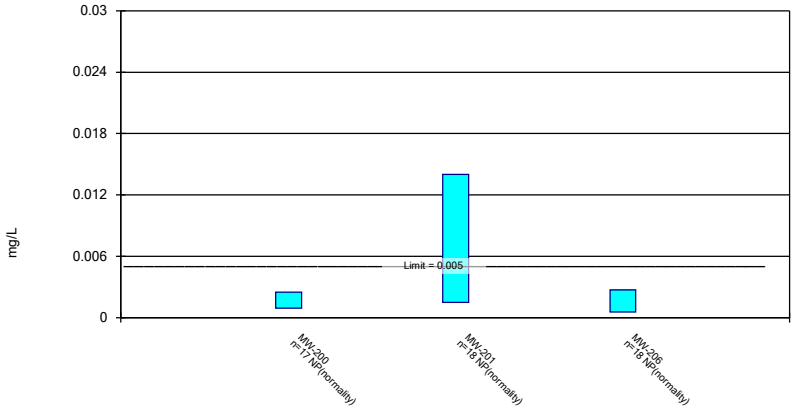
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

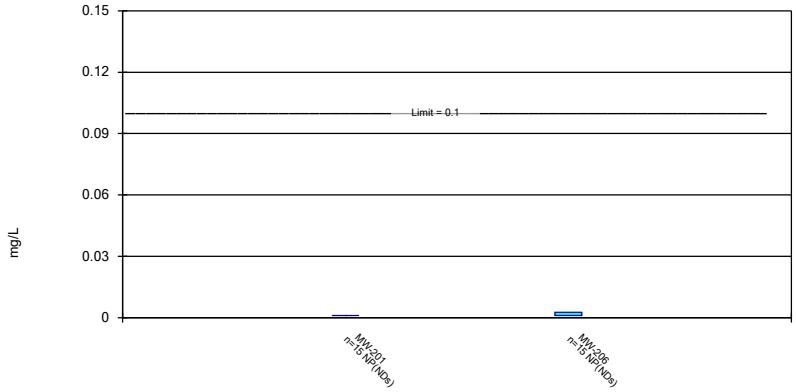


Constituent: Cadmium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

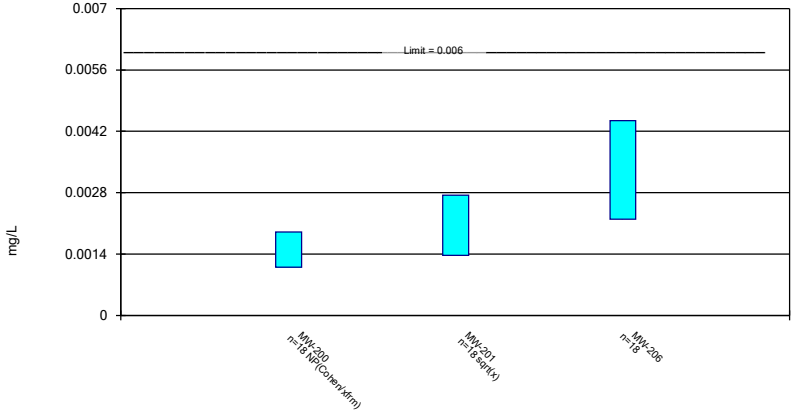


Constituent: Chromium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

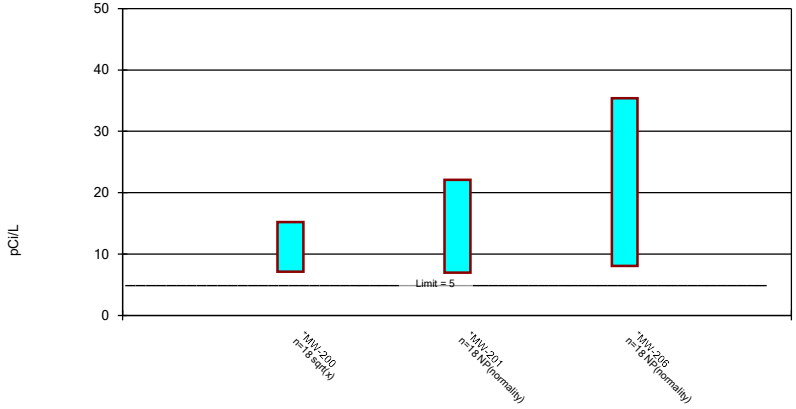


Constituent: Cobalt Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

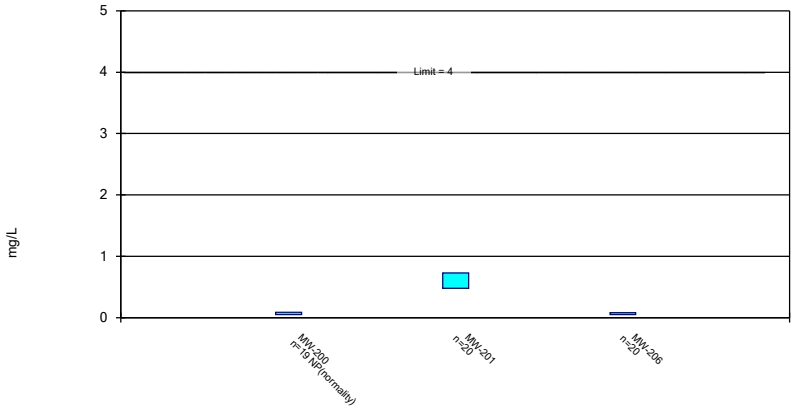


Constituent: Combined Radium 226 + 228 Analysis Run 12/29/2021 11:48 AM View: 200 Series Confiden
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

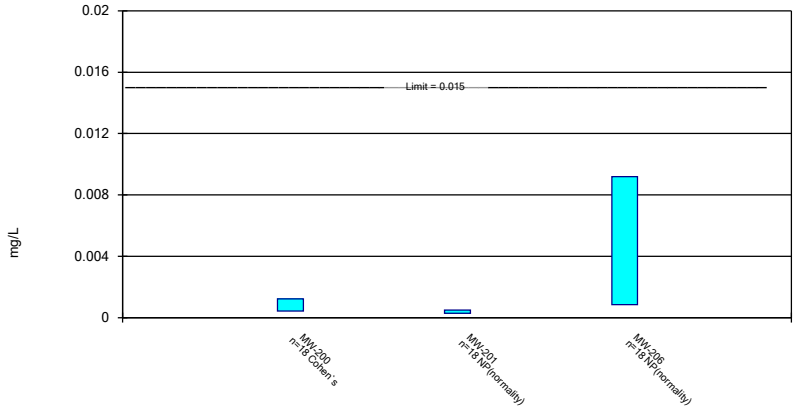


Constituent: Fluoride Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

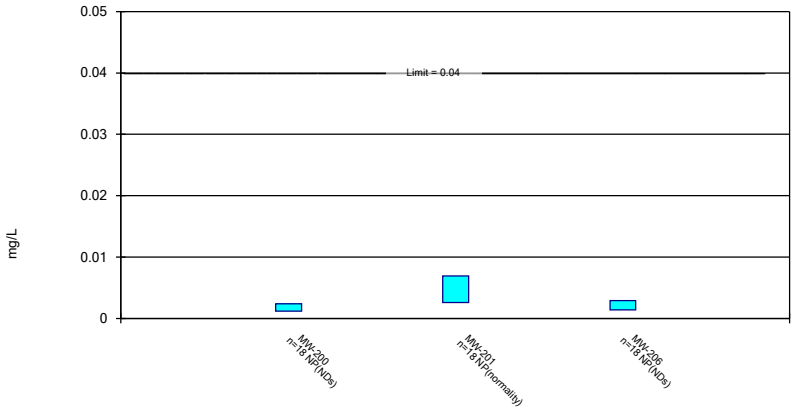


Constituent: Lead Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

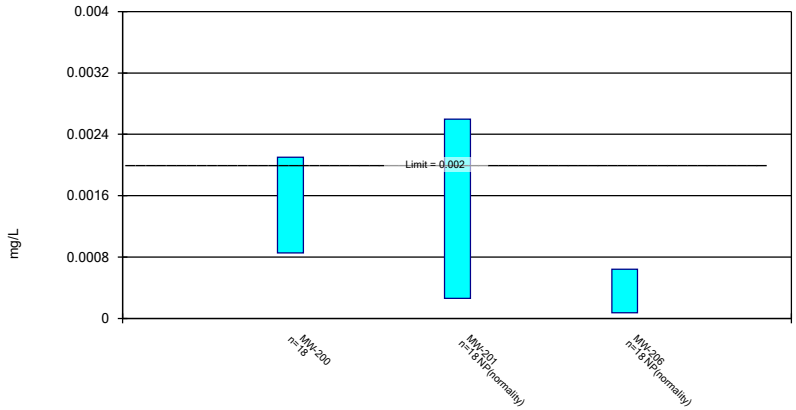


Constituent: Lithium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

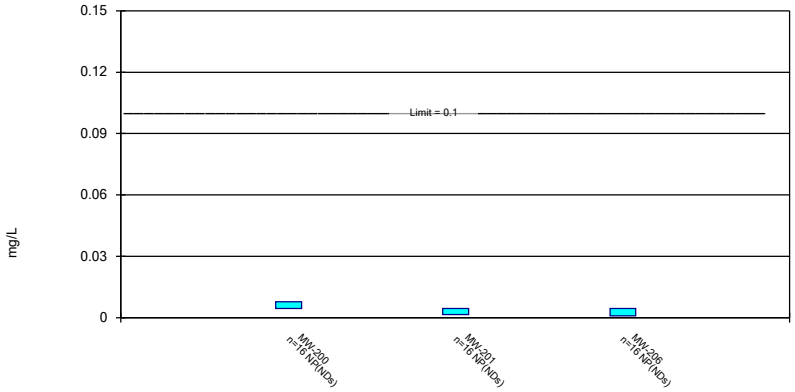


Constituent: Mercury Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

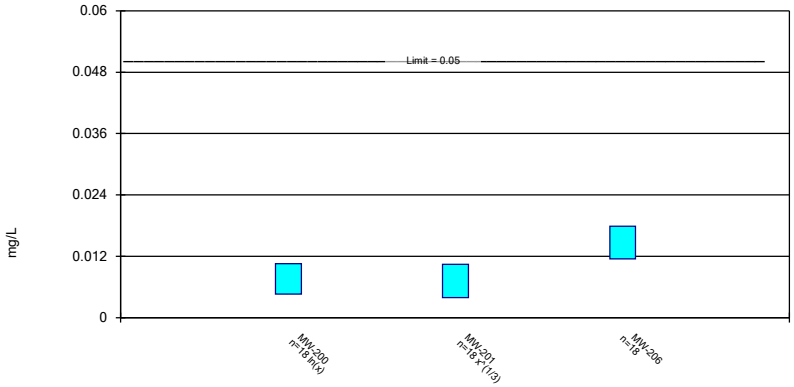


Constituent: Molybdenum Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

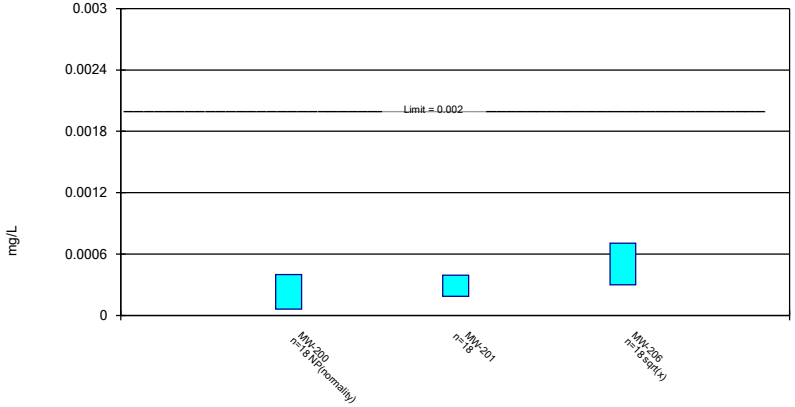


Constituent: Selenium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

300 Series

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**18**	**1.966**	**0**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**MW-303**	**1.476**	**0.7791**	**0.1**	**Yes**	**18**	**0.6125**	**0**	**sqrt(x)**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

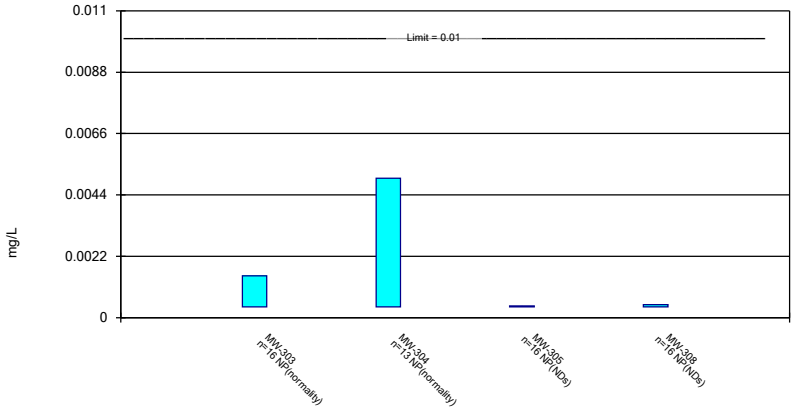
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0015	0.00039	0.01	No	16	0.0006147	50	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.005	0.00039	0.01	No	13	0.001778	23.08	No	0.01	NP (normality)
Arsenic (mg/L)	MW-305	0.00042	0.00039	0.01	No	16	0.00004884	81.25	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00039	0.01	No	16	0.0001772	87.5	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.01	2	No	18	0.000767	0	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04672	0.02977	2	No	18	0.0165	0	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04332	0.02901	2	No	18	0.01183	0	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	18	0.005015	0	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02775	0.02192	2	No	18	0.004817	0	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.00017	0.000074	0.004	No	15	0.00002479	93.33	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.00028	0.000075	0.005	No	18	0.00004832	94.44	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.00051	0.00028	0.005	No	18	0.0001483	33.33	No	0.01	NP (Cohens/xfrm)
Cadmium (mg/L)	MW-304	0.00073	0.00028	0.005	No	18	0.0009282	83.33	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.00028	0.000076	0.005	No	18	0.00004808	94.44	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.00028	0.000089	0.005	No	18	0.00004502	94.44	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0012	0.001	0.1	No	15	0.0006954	86.67	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0012	0.001	0.1	No	15	0.0001121	86.67	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0012	0.001	0.1	No	15	0.0004051	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0012	0.001	0.1	No	15	0.0004051	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.0022	0.00082	0.1	No	15	0.0003166	86.67	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.00093	0.00024	0.006	No	18	0.0001422	83.33	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0006448	0.0005274	0.006	No	18	0.00009708	44.44	No	0.01	Param.
Cobalt (mg/L)	MW-304	0.06218	0.004789	0.006	No	9	0.0953	0	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.00063	0.00044	0.006	No	18	0.0001503	38.89	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.00063	0.00056	0.006	No	18	0.0000165	88.89	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.507	4.761	5	No	18	0.6161	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.4**	**5**	**Yes**	**18**	**1.966**	**0**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	MW-304	7.074	4.083	5	No	18	2.472	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.601	1.233	5	No	18	0.304	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.003	2.259	5	No	18	0.6148	0	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.041	0.032	4	No	19	0.002065	94.74	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.251	0.1622	4	No	20	0.07812	5	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.032	4	No	19	0.1532	42.11	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	0.035	0.032	4	No	19	0.0006882	89.47	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1425	0.08647	4	No	20	0.04936	0	No	0.01	Param.
Lead (mg/L)	MW-300	0.00039	0.000083	0.015	No	15	0.000061	86.67	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.00029	0.00011	0.015	No	15	0.00004648	93.33	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.00056	0.00022	0.015	No	15	0.0003098	53.33	No	0.01	NP (normality)
Lithium (mg/L)	MW-300	0.0036	0.0014	0.04	No	18	0.0006094	77.78	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02747	0.02296	0.04	No	18	0.00406	0	ln(x)	0.01	Param.
Lithium (mg/L)	MW-304	0.0027	0.0012	0.04	No	18	0.001913	61.11	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.0025	0.0014	0.04	No	18	0.0004912	77.78	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.0021	0.0013	0.04	No	18	0.0002928	77.78	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.00019	0.00015	0.002	No	18	0.000009428	94.44	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00065	0.00015	0.002	No	18	0.0003297	22.22	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.00015	0.00014	0.002	No	18	0.000002357	94.44	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.00042	0.000087	0.002	No	18	0.00006619	88.89	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.476**	**0.7791**	**0.1**	**Yes**	**18**	**0.6125**	**0**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.0056	0.0033	0.1	No	18	0.00104	61.11	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.0045	0.0016	0.1	No	18	0.0006835	94.44	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.0045	0.00098	0.1	No	18	0.0008297	94.44	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.005894	0.003572	0.05	No	18	0.001919	0	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006557	0.004208	0.05	No	17	0.001874	0	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00082	0.00027	0.05	No	18	0.0001296	94.44	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005602	0.00361	0.05	No	18	0.001646	0	No	0.01	Param.
Thallium (mg/L)	MW-303	0.0002433	0.0001656	0.002	No	18	0.00006419	5.556	No	0.01	Param.
Thallium (mg/L)	MW-304	0.0001929	0.0001181	0.002	No	18	0.00006573	16.67	No	0.01	Param.
Thallium (mg/L)	MW-308	0.0002932	0.0002035	0.002	No	18	0.00007414	5.556	No	0.01	Param.

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

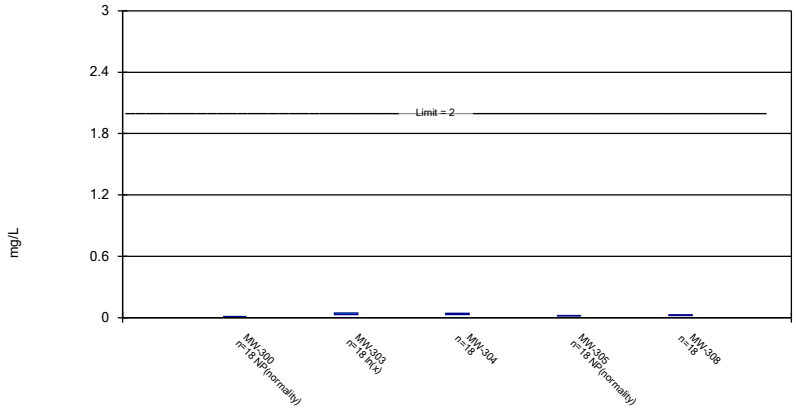


Constituent: Arsenic Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

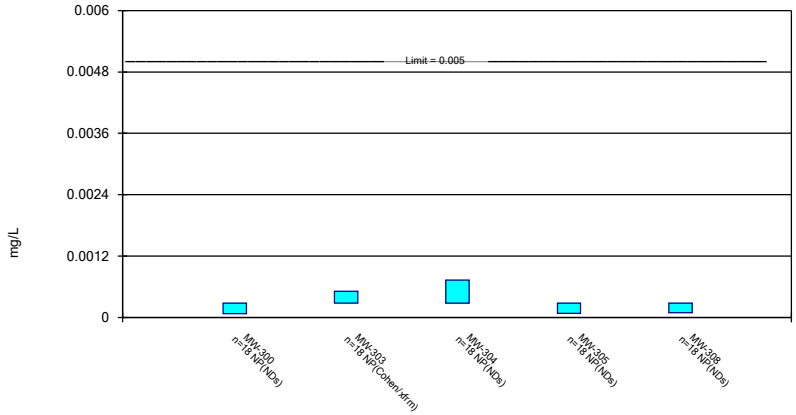
Compliance Limit is not exceeded. Per-well alpha = 0.01.

Constituent: Beryllium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

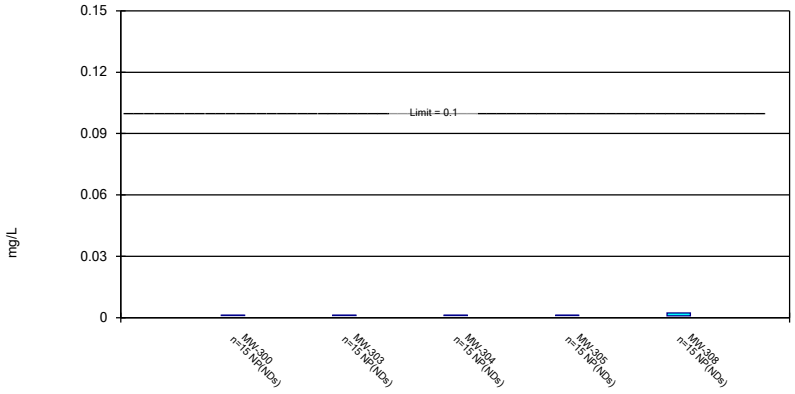


Constituent: Cadmium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

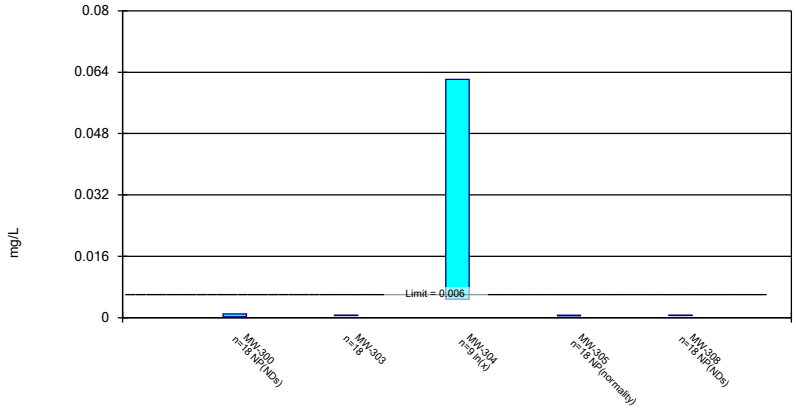


Constituent: Chromium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

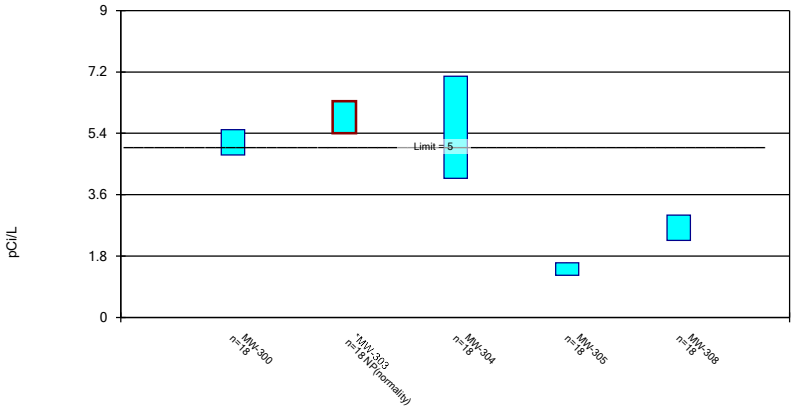


Constituent: Cobalt Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

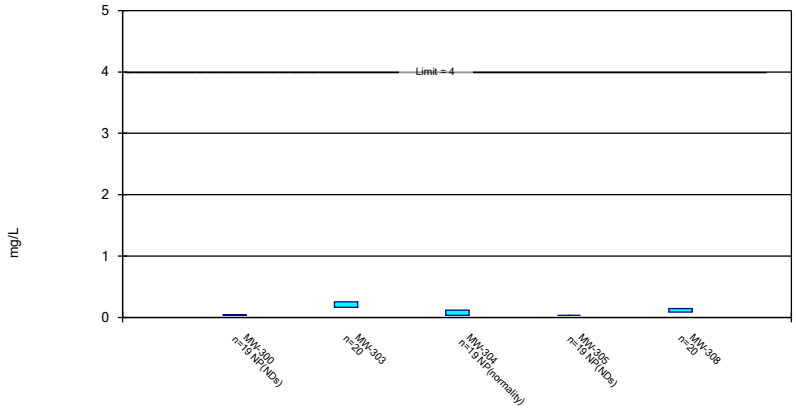


Constituent: Combined Radium 226 + 228 Analysis Run 12/29/2021 11:49 AM View: 300 Series Confiden
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

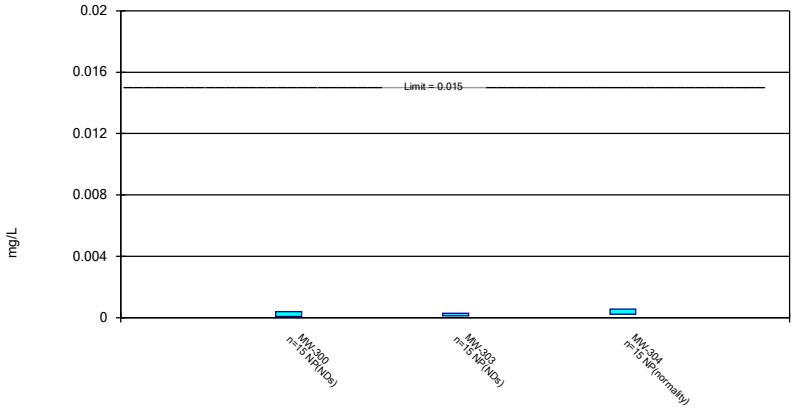


Constituent: Fluoride Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

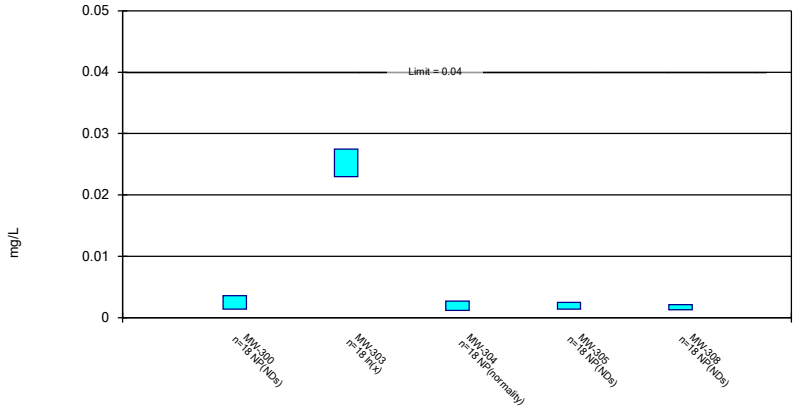


Constituent: Lead Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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.

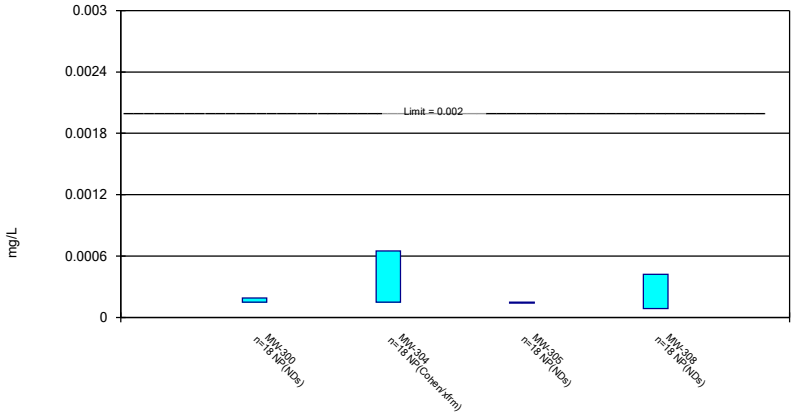


Constituent: Lithium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

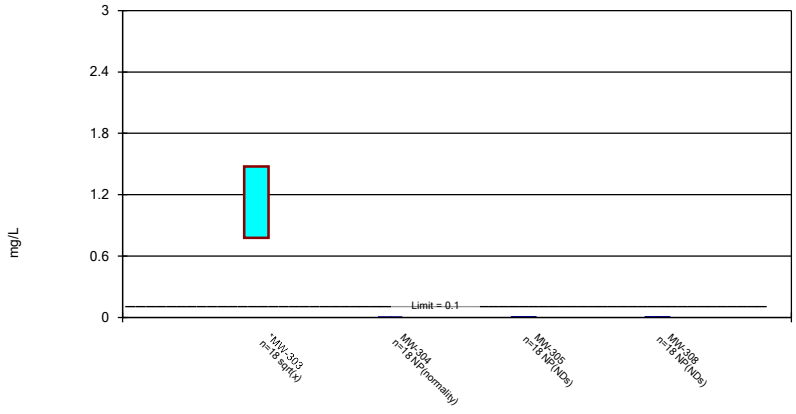


Constituent: Mercury Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Parametric and Non-Parametric (NP) Confidence Interval

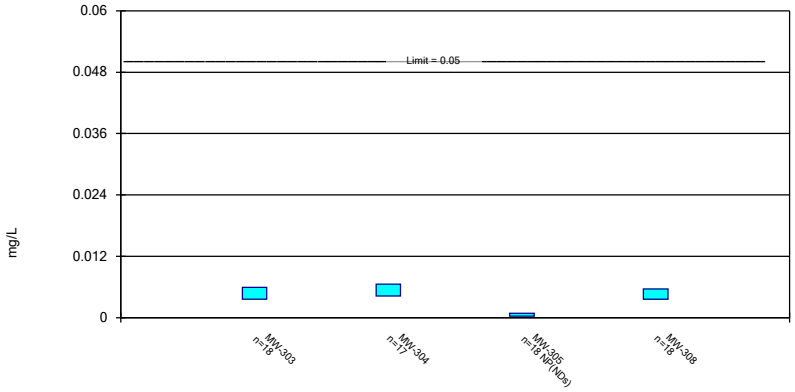
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

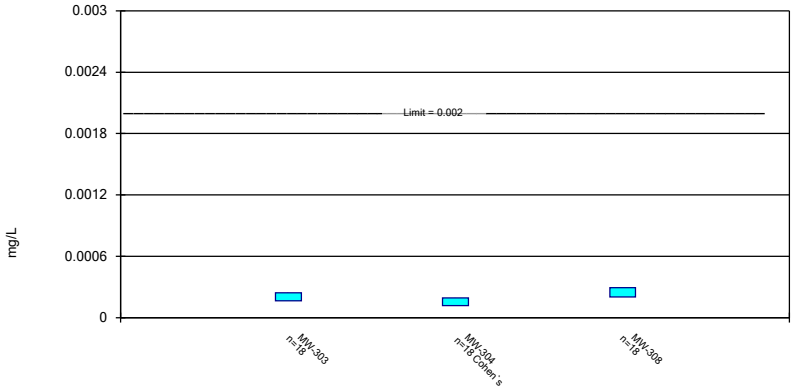


Constituent: Selenium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.0018 (J)	0.009 (o)	<0.00039	<0.00039
5/4/2016	0.0024	0.019 (o)	<0.00039	<0.00039
7/6/2016	0.0005 (J)	0.014 (o)		<0.00039
7/7/2016			<0.00039	
9/7/2016		0.005	<0.00039	<0.00039
9/8/2016	<0.00039			
11/7/2016			<0.00039	
11/8/2016	<0.00039	0.0035		<0.00039
1/10/2017	<0.00039	0.0051	<0.00039	<0.00039
3/15/2017		0.00066 (J)	<0.00039	
3/16/2017	0.0015			<0.00039
5/15/2017	0.0012 (J)			
5/16/2017		0.00094 (J)	<0.00039	<0.00039
3/13/2018	0.00082 (J)	0.00086 (J)	<0.00039	<0.00039
6/7/2018	0.0007 (J)	0.00056 (J)	<0.00039	<0.00039
10/17/2018	<0.00039	0.0005 (J)	<0.00039	<0.00039
2/27/2019				<0.00039
2/28/2019	<0.00039	<0.00039	<0.00039	
4/18/2020	<0.00039	0.00053	0.00042	0.00046
10/8/2020	0.00069 (J)			0.0011 (J)
10/9/2020		<0.00039	0.00057 (J)	
4/1/2021	<0.00039	0.00062	0.00048	<0.00039
9/7/2021	<0.00039	<0.00039	<0.00039	<0.00039
Mean	0.0007956	0.001495	0.0004088	0.0004388
Std. Dev.	0.0006147	0.001778	4.884E-05	0.0001772
Upper Lim.	0.0015	0.005	0.00042	0.00046
Lower Lim.	0.00039	0.00039	0.00039	0.00039

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.01 (J)	0.024	0.045	0.02	0.023
5/4/2016	0.012	0.025	0.035	0.017	0.029
7/6/2016		0.025	0.036		0.029
7/7/2016	0.012			0.018	
9/7/2016	0.011		0.026	0.017	0.029
9/8/2016		0.03			
11/7/2016				0.017	
11/8/2016	0.011	0.032	0.042		0.025
1/10/2017	0.011	0.027	0.041	0.016	0.022
3/15/2017	0.013		0.018	0.018	
3/16/2017		0.04			0.023
5/15/2017		0.028			
5/16/2017	0.011		0.026	0.016	0.02
3/13/2018	0.011	0.034	0.057	0.016	0.031
6/6/2018	0.012				
6/7/2018		0.053	0.04	0.016	0.026
10/17/2018		0.048	0.021	0.016	0.017
10/18/2018	0.01				
2/27/2019					0.024
2/28/2019	0.012	0.032	0.039	0.02	
5/31/2019	0.011	0.029	0.044	0.036	0.031
11/11/2019	0.012	0.046	0.027	0.026	0.02
4/18/2020	0.011	0.069	0.043	0.02	0.016
10/8/2020		0.076			0.022
10/9/2020	0.011		0.015	0.016	
3/31/2021	0.012				
4/1/2021		0.068	0.055	0.017	0.031
9/7/2021	0.011	0.034	0.041	0.015	0.029
Mean	0.01133	0.04	0.03617	0.01872	0.02483
Std. Dev.	0.000767	0.0165	0.01183	0.005015	0.004817
Upper Lim.	0.012	0.04672	0.04332	0.02	0.02775
Lower Lim.	0.01	0.02977	0.02901	0.016	0.02192

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-303
3/3/2016	<0.00017
5/4/2016	<0.00017
7/6/2016	<0.00017
9/8/2016	<0.00017
11/8/2016	<0.00017
1/10/2017	<0.00017
3/16/2017	<0.00017
5/15/2017	<0.00017
3/13/2018	<0.00017
6/7/2018	<0.00017
2/28/2019	<0.00017
4/18/2020	7.4E-05 (J)
10/8/2020	<0.00017
4/1/2021	<0.00017
9/7/2021	<0.00017
Mean	0.0001636
Std. Dev.	2.479E-05
Upper Lim.	0.00017
Lower Lim.	7.4E-05

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
5/4/2016	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
7/6/2016		0.00036 (J)	<0.00028		<0.00028
7/7/2016	<0.00028			<0.00028	
9/7/2016	<0.00028		<0.00028	<0.00028	<0.00028
9/8/2016		0.00045 (J)			
11/7/2016				<0.00028	
11/8/2016	<0.00028	0.00065 (J)	<0.00028		<0.00028
1/10/2017	<0.00028	0.00051 (J)	<0.00028	<0.00028	<0.00028
3/15/2017	<0.00028		<0.00028	<0.00028	
3/16/2017		0.00049 (J)			<0.00028
5/15/2017		0.00045 (J)			
5/16/2017	<0.00028		<0.00028	<0.00028	<0.00028
3/13/2018	<0.00028	0.00041 (J)	<0.00028	<0.00028	<0.00028
6/6/2018	<0.00028				
6/7/2018		0.00066 (J)	<0.00028	<0.00028	<0.00028
10/17/2018		0.00072 (J)	<0.00028	<0.00028	<0.00028
10/18/2018	<0.00028				
2/27/2019					<0.00028
2/28/2019	<0.00028	0.00039 (J)	<0.00028	<0.00028	
5/31/2019	<0.00028	0.00034 (J)	<0.00028	<0.00028	<0.00028
11/11/2019	<0.00028	<0.00028	0.001 (J)	<0.00028	<0.00028
4/18/2020	7.5E-05 (J)	0.00024 (J)	0.00073	7.6E-05 (J)	8.9E-05 (J)
10/8/2020		<0.00028			<0.00028
10/9/2020	<0.00028		<0.00028	<0.00028	
3/31/2021	<0.00028				
4/1/2021		<0.00028	<0.00028	<0.00028	<0.00028
9/7/2021	<0.00028	<0.00028	0.0042	<0.00028	<0.00028
Mean	0.0002686	0.0004083	0.0005628	0.0002687	0.0002694
Std. Dev.	4.832E-05	0.0001483	0.0009282	4.808E-05	4.502E-05
Upper Lim.	0.00028	0.00051	0.00073	0.00028	0.00028
Lower Lim.	7.5E-05	0.00028	0.00028	7.6E-05	8.9E-05

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.001	<0.001	<0.001	<0.001	<0.001
5/4/2016	0.0037	<0.001	0.0012 (J)	0.0025	<0.001
7/6/2016		<0.001	<0.001		<0.001
7/7/2016	<0.001			<0.001	
9/7/2016	<0.001		<0.001	<0.001	<0.001
9/8/2016		<0.001			
11/7/2016				<0.001	
11/8/2016	<0.001	<0.001	<0.001		<0.001
1/10/2017	<0.001	<0.001	<0.001	<0.001	<0.001
3/15/2017	<0.001		<0.001	<0.001	
3/16/2017		<0.001			<0.001
5/15/2017		<0.001			
5/16/2017	<0.001		<0.001	<0.001	<0.001
3/13/2018	<0.001	<0.001	<0.001	<0.001	<0.001
6/6/2018	<0.001				
6/7/2018		<0.001	<0.001	<0.001	<0.001
2/27/2019					<0.001
2/28/2019	<0.001	<0.001	<0.001	<0.001	
4/18/2020	<0.001	<0.001	<0.001	<0.001	0.00082
10/8/2020		<0.001			<0.001
10/9/2020	<0.001		0.0016 (J)	0.0016 (J)	
3/31/2021	<0.001				
4/1/2021		0.0014	<0.001	<0.001	<0.001
9/7/2021	0.0012	0.0012	0.0025	0.0012	0.0022
Mean	0.001193	0.00104	0.001153	0.001153	0.001068
Std. Dev.	0.0006954	0.0001121	0.0004051	0.0004051	0.0003166
Upper Lim.	0.0012	0.0012	0.0012	0.0012	0.0022
Lower Lim.	0.001	0.001	0.001	0.001	0.00082

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.00056	<0.00056	0.19	0.00085 (J)	0.00063 (J)
5/4/2016	0.00093 (J)	0.0007 (J)	0.16	0.001 (J)	0.00056 (J)
7/6/2016		<0.00056	0.15		<0.00056
7/7/2016	<0.00056			0.00044 (J)	
9/7/2016	<0.00056		0.019	0.00052 (J)	<0.00056
9/8/2016		<0.00056			
11/7/2016				0.00046 (J)	
11/8/2016	<0.00056	0.00051 (J)	0.099		<0.00056
1/10/2017	<0.00056	<0.00056	0.077	0.00042 (J)	<0.00056
3/15/2017	<0.00056		0.0042	0.00044 (J)	
3/16/2017		0.0004 (J)			<0.00056
5/15/2017		0.00079 (J)			
5/16/2017	<0.00056		0.0067	<0.00056	<0.00056
3/13/2018	<0.00056	0.00056 (J)	0.015	<0.00056	<0.00056
6/6/2018	<0.00056				
6/7/2018		0.0007 (J)	0.014	<0.00056	<0.00056
10/17/2018		<0.00056	0.012	<0.00056	<0.00056
10/18/2018	<0.00056				
2/27/2019					<0.00056
2/28/2019	<0.00056	0.00059 (J)	0.02	0.00042 (J)	
5/31/2019	<0.00056	0.00073 (J)	0.026	0.00046 (J)	<0.00056
11/11/2019	0.00023 (J)	0.00065 (J)	0.023	0.00063 (J)	<0.00056
4/18/2020	0.00024 (J)	0.00044 (J)	0.015	0.00045 (J)	<0.00056
10/8/2020		<0.00056			<0.00056
10/9/2020	<0.00056		0.0019 (J)	<0.00056	
3/31/2021	<0.00056				
4/1/2021		<0.00056	0.0079	<0.00056	<0.00056
9/7/2021	<0.00056	<0.00056	0.3	<0.00056	<0.00056
Mean	0.0005444	0.0005861	0.04664	0.0005561	0.0005639
Std. Dev.	0.0001422	9.708E-05	0.0953	0.0001503	1.65E-05
Upper Lim.	0.00093	0.0006448	0.06218	0.00063	0.00063
Lower Lim.	0.00024	0.0005274	0.004789	0.00044	0.00056

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	4.62	5.43	9.46	1.67	2.29
5/4/2016	5.36	5.52	9.66	1.18	2.58
7/6/2016		12.9	2.84		3.08
7/7/2016	6.27			1.24	
9/7/2016	5.25		4.49	1.49	3.04
9/8/2016		3.73			
11/7/2016				1.32	
11/8/2016	5.64	5.61	7.47		2.96
1/10/2017	5.39	4.33	9.6	2.16	3.5
3/15/2017	5.72		2.22	1.14	
3/16/2017		6.34			2.9
5/15/2017		5.77			
5/16/2017	4.84		3.89	1.26	1.47
3/13/2018	5.59	5.94	5.25	1.29	2.96
6/6/2018	3.96				
6/7/2018		5.79	4.1	1.25	2.45
10/17/2018		6.31	3.15	1.24	2.7
10/18/2018	5.75				
2/27/2019					2.61
2/28/2019	4.82	5.4	5.21	1.55	
5/31/2019	4.06	4.37	6.03	1.9	3.62
11/11/2019	5.43	5.71	5.15	1.58	2
4/18/2020	5.09	6.89	7.33	1.55	1.34
10/8/2020		8.36			3.17
10/9/2020	4.71		1.58	0.858	
3/31/2021	4.44				
4/1/2021		6.31	6.79	1.23	2.27
9/7/2021	5.47	6.02	6.19	1.6	2.42
Mean	5.134	6.152	5.578	1.417	2.631
Std. Dev.	0.6161	1.966	2.472	0.304	0.6148
Upper Lim.	5.507	6.34	7.074	1.601	3.003
Lower Lim.	4.761	5.4	4.083	1.233	2.259

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.041 (J)	0.15	0.12	0.035 (J)	0.11
5/4/2016	<0.032	0.11	0.19	<0.032	0.07 (J)
7/6/2016		0.13	0.15		0.07 (J)
7/7/2016	<0.032			<0.032	
9/7/2016	<0.032		0.06 (J)	<0.032	0.06 (J)
9/8/2016		0.12			
11/7/2016				<0.032	
11/8/2016	<0.032	0.13	0.09 (J)		0.06 (J)
1/10/2017	<0.032	0.15	<0.032	<0.032	0.04 (J)
3/15/2017	<0.032		<0.032	<0.032	
3/16/2017		0.16			0.06 (J)
5/15/2017		0.2			
5/16/2017	<0.032		0.04 (J)	<0.032	0.09 (J)
10/3/2017	<0.032	0.25	0.07 (J)	<0.032	0.13
12/20/2017		0.25			0.1
3/13/2018	<0.032	0.26	<0.032	<0.032	0.1
6/6/2018	<0.032				
6/7/2018		0.28	<0.032	<0.032	0.14
10/17/2018		0.29	0.06 (J)	<0.032	0.14
10/18/2018	<0.032				
2/27/2019					0.16
2/28/2019	<0.032	0.28	<0.032	<0.032	
5/31/2019	<0.032	0.33	<0.032	<0.032	0.2
11/11/2019	<0.032	0.26	<0.032	<0.032	0.16
4/18/2020	<0.032	0.25	<0.032	<0.032	0.17
10/8/2020		<0.032			0.07 (J)
10/9/2020	<0.032		0.04 (J)	<0.032	
3/31/2021	<0.032				
4/1/2021		0.26	0.04	0.032	0.19
9/7/2021	<0.032	0.24	0.7	<0.032	0.17
Mean	0.03247	0.2066	0.09558	0.03216	0.1145
Std. Dev.	0.002065	0.07812	0.1532	0.0006882	0.04936
Upper Lim.	0.041	0.251	0.12	0.035	0.1425
Lower Lim.	0.032	0.1622	0.032	0.032	0.08647

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304
3/3/2016	<0.00029	<0.00029	<0.00029
5/4/2016	<0.00029	<0.00029	0.00086 (J)
7/6/2016		<0.00029	0.0014
7/7/2016	<0.00029		
9/7/2016	<0.00029		0.00056 (J)
9/8/2016		<0.00029	
11/8/2016	<0.00029	<0.00029	0.00047 (J)
1/10/2017	<0.00029	<0.00029	0.00041 (J)
3/15/2017	<0.00029		<0.00029
3/16/2017		<0.00029	
5/15/2017		<0.00029	
5/16/2017	<0.00029		<0.00029
3/13/2018	<0.00029	<0.00029	<0.00029
6/6/2018	<0.00029		
6/7/2018		<0.00029	<0.00029
2/28/2019	<0.00029	<0.00029	<0.00029
4/18/2020	8.3E-05 (J)	0.00011 (J)	0.00022 (J)
10/8/2020		<0.00029	
10/9/2020	<0.00029		0.00048 (J)
3/31/2021	0.00039		
4/1/2021		<0.00029	<0.00029
9/7/2021	<0.00029	<0.00029	<0.00029
Mean	0.0002829	0.000278	0.000448
Std. Dev.	6.1E-05	4.648E-05	0.0003098
Upper Lim.	0.00039	0.00029	0.00056
Lower Lim.	8.3E-05	0.00011	0.00022

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0019	0.037	<0.0019	<0.0019	<0.0019
5/4/2016	<0.0019	0.029	<0.0019	<0.0019	<0.0019
7/6/2016		0.024	0.0044 (J)		<0.0019
7/7/2016	<0.0019			<0.0019	
9/7/2016	<0.0019		<0.0019	<0.0019	<0.0019
9/8/2016		0.022			
11/7/2016				<0.0019	
11/8/2016	<0.0019	0.026	<0.0019		<0.0019
1/10/2017	<0.0019	0.024	<0.0019	<0.0019	<0.0019
3/15/2017	<0.0019		<0.0019	<0.0019	
3/16/2017		0.029			<0.0019
5/15/2017		0.025			
5/16/2017	<0.0019		<0.0019	<0.0019	<0.0019
3/13/2018	<0.0019	0.03	<0.0019	<0.0019	<0.0019
6/6/2018	<0.0019				
6/7/2018		0.025	0.0012 (J)	0.0014 (J)	0.0011 (J)
10/17/2018		0.024	<0.0019	<0.0019	<0.0019
10/18/2018	<0.0019				
2/27/2019					0.0011 (J)
2/28/2019	<0.0019	0.021	<0.0019	<0.0019	
5/31/2019	0.0014 (J)	0.021	0.0023 (J)	<0.0019	0.0021 (J)
11/11/2019	0.00062 (J)	0.023	0.0034	0.00054 (J)	0.0013
4/18/2020	0.00062 (J)	0.023	0.0012	0.00047 (J)	<0.0019
10/8/2020		0.029			<0.0019
10/9/2020	<0.0019		<0.0019	<0.0019	
3/31/2021	0.0036				
4/1/2021		0.022	0.0027	0.0025	<0.0019
9/7/2021	<0.0019	0.023	0.0096	<0.0019	<0.0019
Mean	0.001824	0.02539	0.002539	0.001751	0.001789
Std. Dev.	0.0006094	0.00406	0.001913	0.0004912	0.0002928
Upper Lim.	0.0036	0.02747	0.0027	0.0025	0.0021
Lower Lim.	0.0014	0.02296	0.0012	0.0014	0.0013

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-300	MW-304	MW-305	MW-308
3/3/2016	<0.00015	8.6E-05 (J)	<0.00015	<0.00015
5/4/2016	<0.00015	0.00026	<0.00015	<0.00015
7/6/2016		0.0012		<0.00015 (*)
7/7/2016	<0.00015		<0.00015	
9/7/2016	<0.00015	<0.00015	<0.00015	<0.00015
11/7/2016			<0.00015	
11/8/2016	<0.00015	0.00065		<0.00015
1/10/2017	<0.00015	<0.00015	<0.00015	<0.00015
3/15/2017	<0.00015	<0.00015	<0.00015	
3/16/2017				<0.00015
5/16/2017	<0.00015	0.00042	<0.00015	<0.00015
3/13/2018	<0.00015	0.00039	<0.00015	<0.00015
6/6/2018	<0.00015			
6/7/2018		0.00033	<0.00015	<0.00015
10/17/2018		0.00041	<0.00015	<0.00015
10/18/2018	<0.00015			
2/27/2019				<0.00015
2/28/2019	<0.00015	0.00055	<0.00015	
5/31/2019	<0.00015	0.00054	<0.00015	<0.00015
11/11/2019	<0.00015	0.0011	<0.00015	<0.00015
4/18/2020	<0.00015	0.00082	<0.00015	<0.00015
10/8/2020				8.7E-05 (J)
10/9/2020	<0.00015	0.00033	0.00014 (J)	
3/31/2021	0.00019			
4/1/2021		0.00012	<0.00015	0.00042
9/7/2021	<0.00015	<0.00015	<0.00015	<0.00015
Mean	0.0001522	0.0004337	0.0001494	0.0001615
Std. Dev.	9.428E-06	0.0003297	2.357E-06	6.619E-05
Upper Lim.	0.00019	0.00065	0.00015	0.00042
Lower Lim.	0.00015	0.00015	0.00014	8.7E-05

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.99	<0.0045	<0.0045	<0.0045
5/4/2016	0.99	<0.0045	<0.0045	<0.0045
7/6/2016	1.9	0.0018 (J)		<0.0045
7/7/2016			<0.0045	
9/7/2016		0.0029 (J)	<0.0045	<0.0045
9/8/2016	2.4			
11/7/2016			<0.0045	
11/8/2016	2.2	<0.0045		<0.0045
1/10/2017	2.1	<0.0045 (*)	<0.0045	<0.0045
3/15/2017		<0.0045	<0.0045	
3/16/2017	1.6			<0.0045
5/15/2017	1.2			
5/16/2017		<0.0045 (*)	<0.0045 (*)	<0.0045
3/13/2018	1	0.0033 (J)	<0.0045	<0.0045
6/7/2018	1.1	0.0065 (J)	0.0016 (J)	0.00098 (J)
10/17/2018	1.1	0.0043 (J)	<0.0045	<0.0045
2/27/2019				<0.0045
2/28/2019	0.77	0.0028 (J)	<0.0045	
5/31/2019	0.64	<0.0045	<0.0045	<0.0045
11/11/2019	0.85	0.0056 (J)	<0.0045	<0.0045
4/18/2020	0.81	<0.0045	<0.0045	<0.0045
10/8/2020	0.5			<0.0045
10/9/2020		<0.0045	<0.0045	
4/1/2021	0.49	<0.0045	<0.0045	<0.0045
9/7/2021	0.44	<0.0045	<0.0045	<0.0045
Mean	1.171	0.004261	0.004339	0.004304
Std. Dev.	0.6125	0.00104	0.0006835	0.0008297
Upper Lim.	1.476	0.0056	0.0045	0.0045
Lower Lim.	0.7791	0.0033	0.0016	0.00098

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.008	0.0041 (J)	<0.00082	0.0051 (J)
5/4/2016	0.0068	0.008	<0.00082	0.0049
7/6/2016	0.0061	0.0056		0.0066
7/7/2016			<0.00082	
9/7/2016		0.0045	<0.00082	0.0073
9/8/2016	0.0065			
11/7/2016			<0.00082	
11/8/2016	0.0046	0.0055		0.0058
1/10/2017	0.0045	0.0056	<0.00082	0.0058
3/15/2017		0.0088	<0.00082	
3/16/2017	0.0079			0.006
5/15/2017	0.0064			
5/16/2017		0.0029	<0.00082	0.0058
3/13/2018	0.0037	0.0065	<0.00082	0.0048
6/7/2018	0.0054	0.0047	<0.00082	0.0061
10/17/2018	0.0026	0.05 (o)	<0.00082	0.0023
2/27/2019				0.0033
2/28/2019	0.002	0.0011 (J)	<0.00082	
5/31/2019	0.0041	0.0045	<0.00082	0.0031
11/11/2019	0.0031	0.0067	0.00027	0.002
4/18/2020	0.0035	0.0066	<0.00082	0.0021
10/8/2020	0.0014			0.0047
10/9/2020		0.0057	<0.00082	
4/1/2021	0.004	0.0038	<0.00082	0.0027
9/7/2021	0.0046	0.0069	<0.00082	0.0045
Mean	0.004733	0.005382	0.0007894	0.004606
Std. Dev.	0.001919	0.001874	0.0001296	0.001646
Upper Lim.	0.005894	0.006557	0.00082	0.005602
Lower Lim.	0.003572	0.004208	0.00027	0.00361

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 12/29/2021 11:51 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-308
3/3/2016	0.00023 (J)	0.00015 (J)	0.00023 (J)
5/4/2016	0.00021 (J)	0.00021 (J)	0.00026 (J)
7/6/2016	0.00016 (J)	0.00022 (J)	0.00032 (J)
9/7/2016		0.0001 (J)	0.00036 (J)
9/8/2016	0.00015 (J)		
11/8/2016	0.00017 (J)	0.00014 (J)	0.00032 (J)
1/10/2017	0.00018 (J)	0.00018 (J)	0.00033 (J)
3/15/2017		<0.00012	
3/16/2017	0.00024 (J)		0.00029 (J)
5/15/2017	0.00022 (J)		
5/16/2017		9.5E-05 (J)	0.00027 (J)
3/13/2018	0.00022 (J)	0.00017 (J)	0.00028 (J)
6/7/2018	0.00022 (J)	0.00017 (J)	0.00026 (J)
10/17/2018	0.00019 (J)	0.00011 (J)	0.00022 (J)
2/27/2019			0.00022 (J)
2/28/2019	0.00018 (J)	0.00016 (J)	
5/31/2019	<0.00012	<0.00012	<0.00012
11/11/2019	0.00023 (J)	0.00029 (J)	0.00023 (J)
4/18/2020	0.00027	0.00026	0.00016
10/8/2020	0.00038 (J)		0.00031 (J)
10/9/2020		0.00015 (J)	
4/1/2021	0.00022	<0.00012	0.00019
9/7/2021	0.00015	0.00015	0.00016
Mean	0.0002044	0.0001519	0.0002483
Std. Dev.	6.419E-05	6.573E-05	7.414E-05
Upper Lim.	0.0002433	0.0001929	0.0002932
Lower Lim.	0.0001656	0.0001181	0.0002035

Trend Tests - Appendix IV

- 100, 200 & 300 Series

100 Series

Appendix IV - Trend Test Summary - 100 Series Wells - All Results (No Significant)

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 4:41 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	MW-100 (bg)	0.00002984	11	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-101 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-104	0.001406	11	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-107 (bg)	8.2e-12	6	21	No	8	50	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-108 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-306 (bg)	0	0	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-307 (bg)	0.00007956	9	21	No	8	25	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-100 (bg)	0.1612	2	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-101 (bg)	0.00207	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-104	1.087	10	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-107 (bg)	0.02022	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-108 (bg)	-0.03999	-7	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-110	-0.3759	-6	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-306 (bg)	0.01153	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-307 (bg)	0.02133	4	21	No	8	0	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-100 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-101 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-107 (bg)	0	3	21	No	8	87.5	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-108 (bg)	0	-3	-21	No	8	87.5	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-110	0.000584	3	21	No	8	0	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-306 (bg)	0	-3	-21	No	8	87.5	n/a	n/a	0.01	NP
Mercury (mg/L)	MW-307 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP

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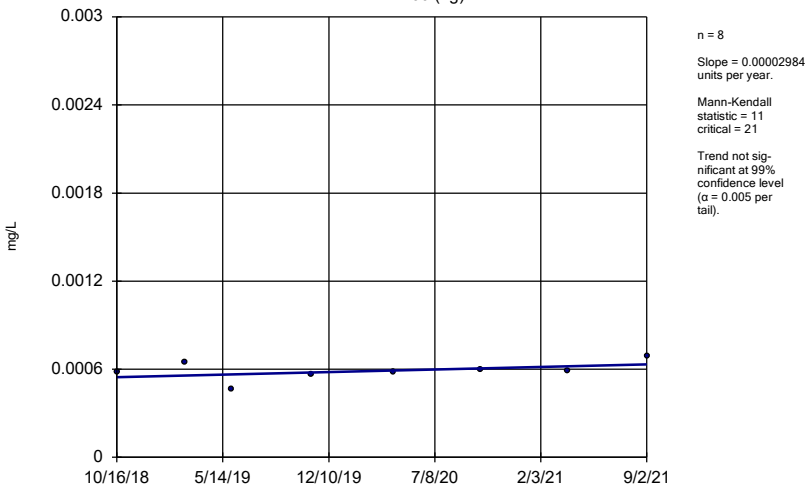
Sen's Slope Estimator

MW-100 (bg)



n = 8

Slope = 0.00002984 units per year.

Mann-Kendall statistic = 11
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test

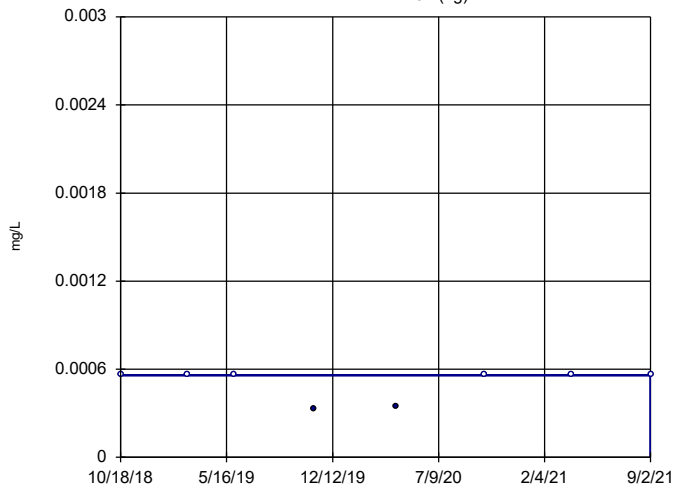
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

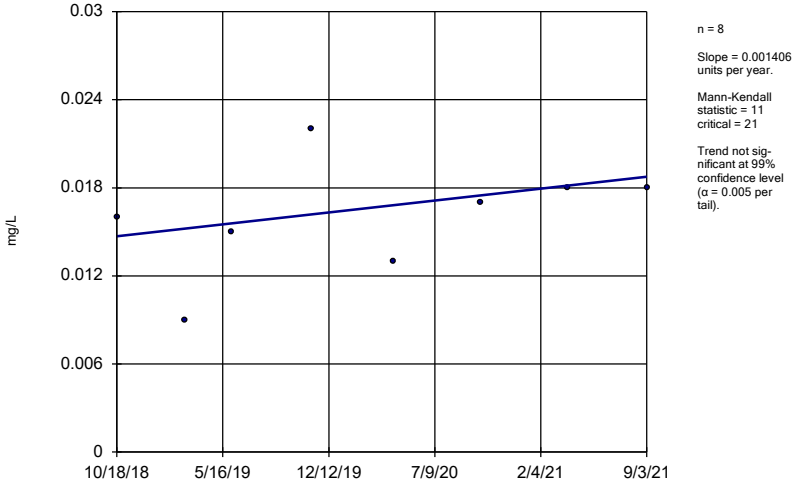
Constituent: Cobalt Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 8

Slope = 0.001406 units per year.

Mann-Kendall statistic = 11
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test

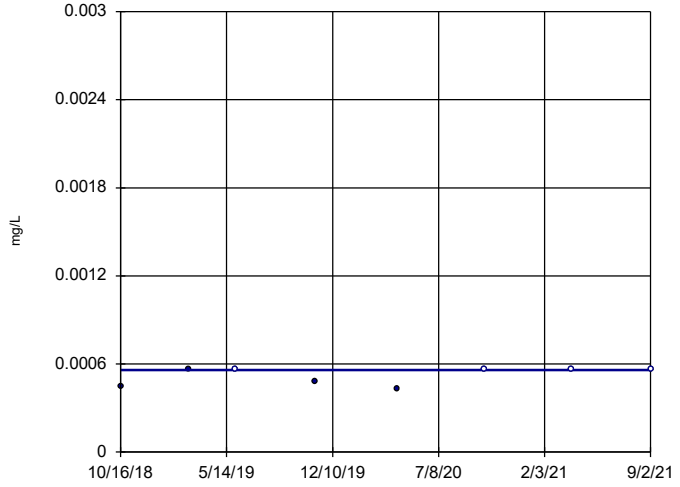
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 8

Slope = 8.2e-12 units per year.

Mann-Kendall statistic = 6
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

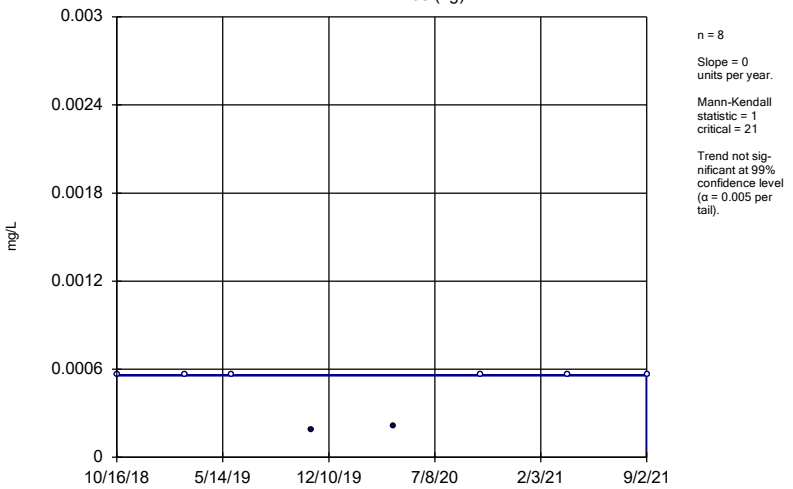
Constituent: Cobalt Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 8

Slope = 0
units per year.

Mann-Kendall
statistic = 1
critical = 21

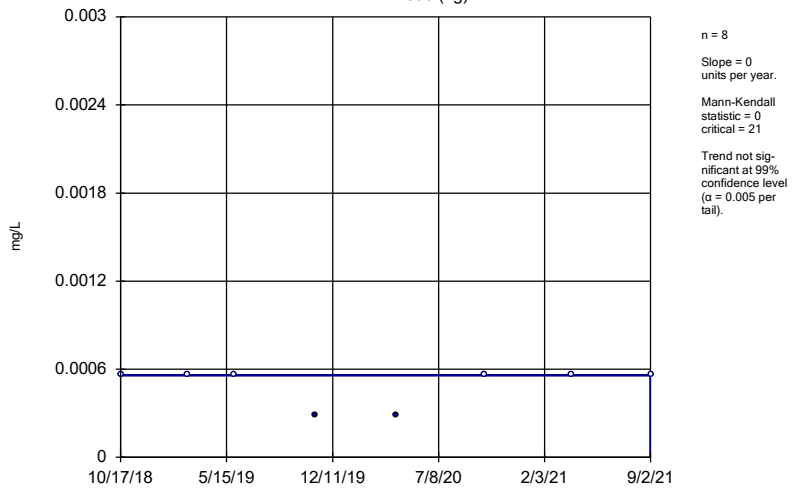
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Cobalt Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 8

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 21

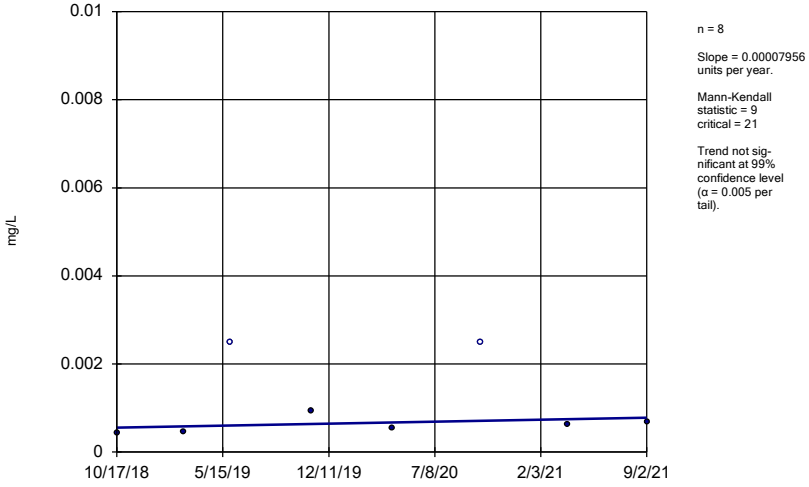
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Cobalt Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 8

Slope = 0.00007956
units per year.

Mann-Kendall
statistic = 9
critical = 21

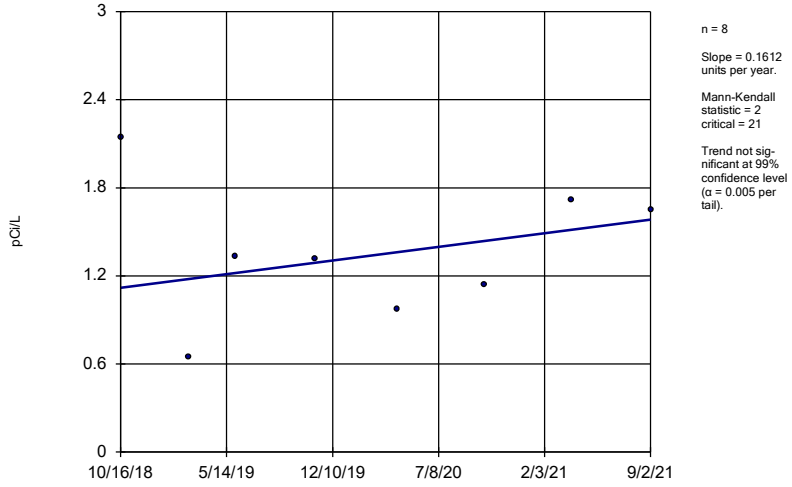
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Cobalt Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 8

Slope = 0.1612
units per year.

Mann-Kendall
statistic = 2
critical = 21

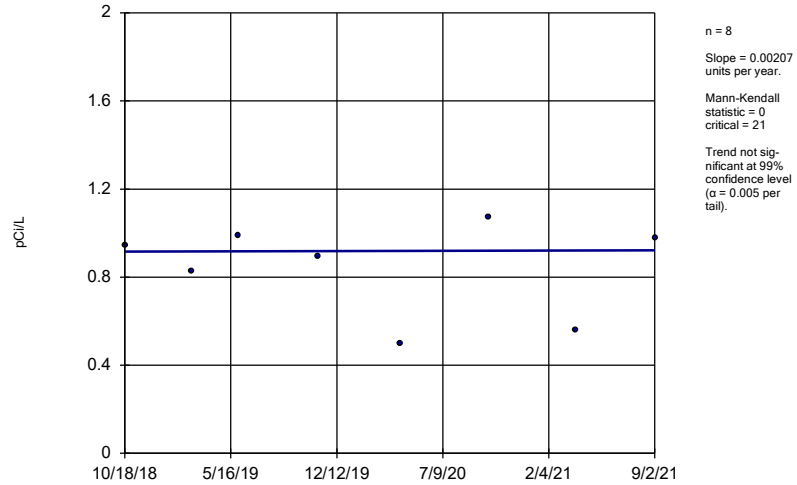
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 8

Slope = 0.00207 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

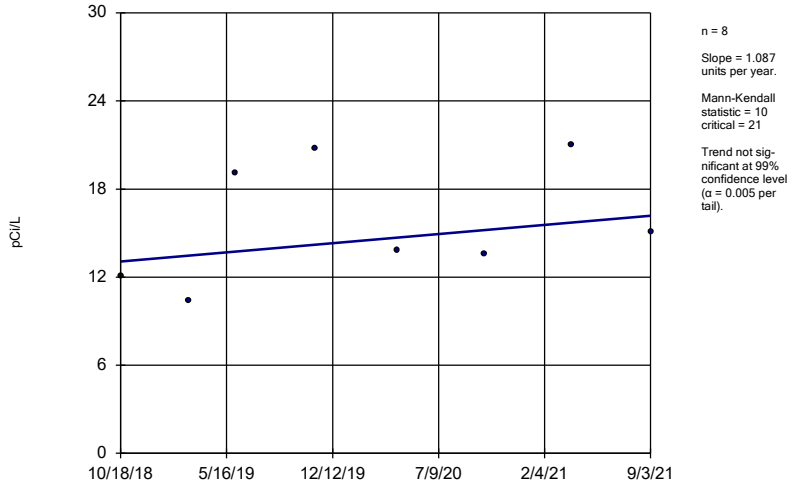
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-104



n = 8

Slope = 1.087 units per year.

Mann-Kendall statistic = 10 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

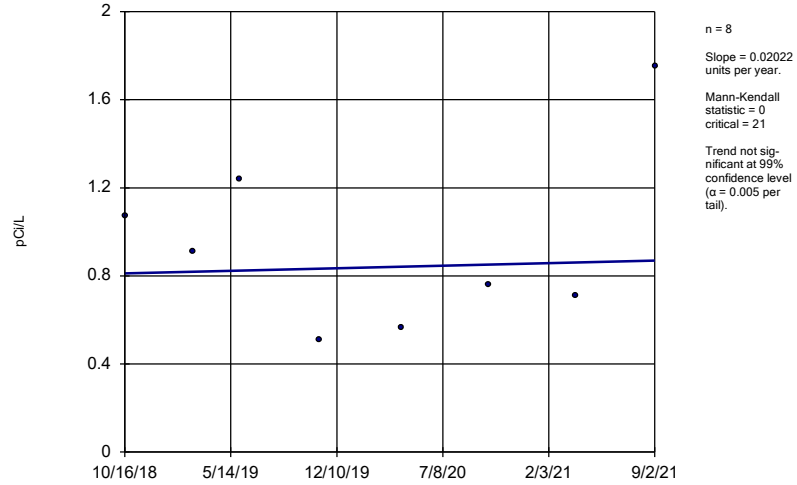
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 8

Slope = 0.02022 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

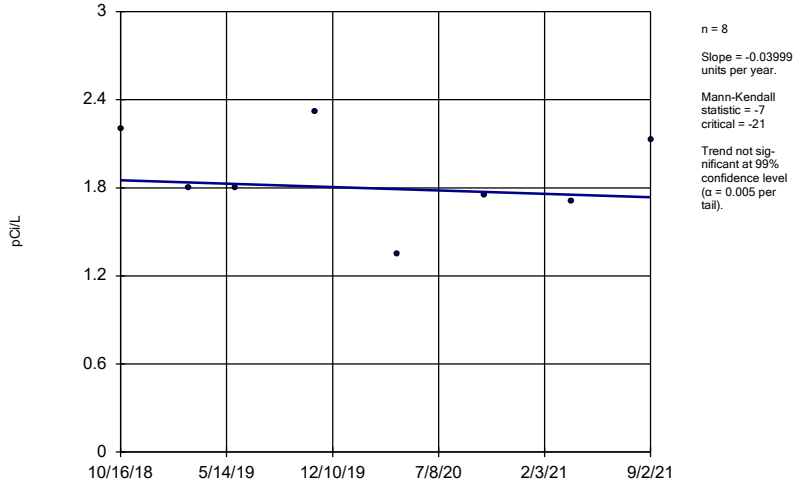
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 8

Slope = -0.03999 units per year.

Mann-Kendall statistic = -7 critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

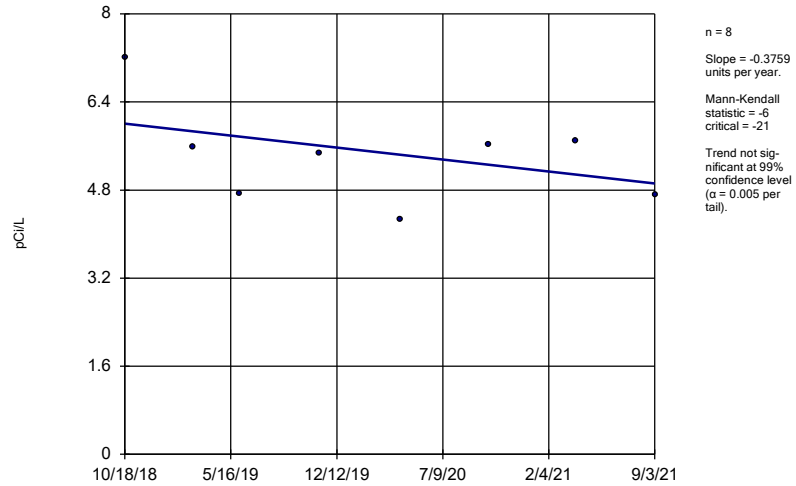
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-110



n = 8

Slope = -0.3759 units per year.

Mann-Kendall statistic = -6 critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

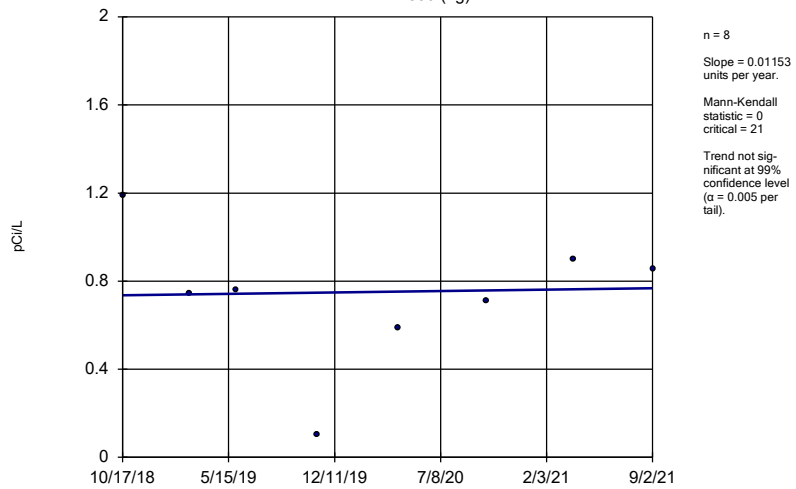
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 8

Slope = 0.01153 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

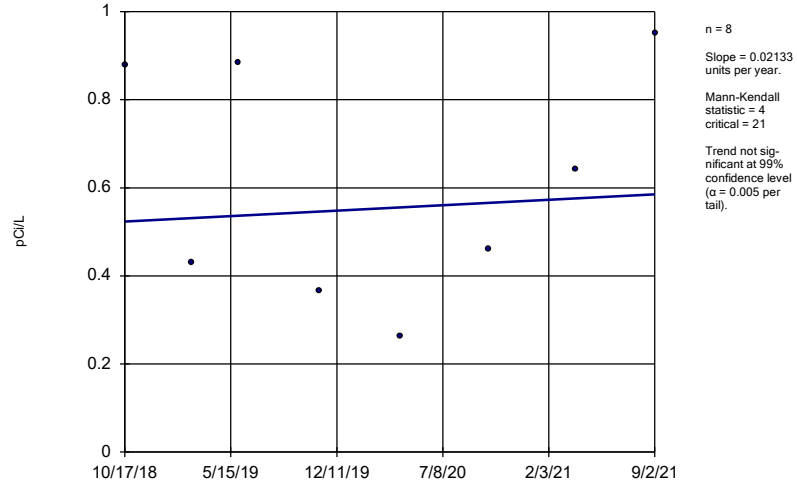
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 8

Slope = 0.02133 units per year.

Mann-Kendall statistic = 4 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

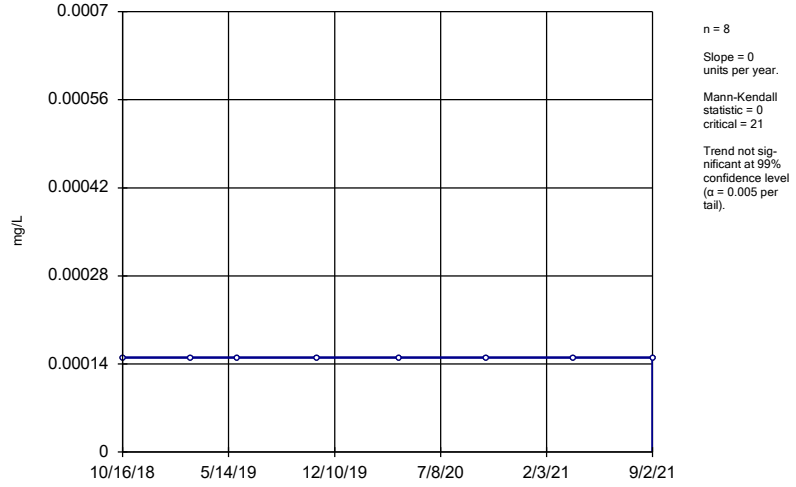
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

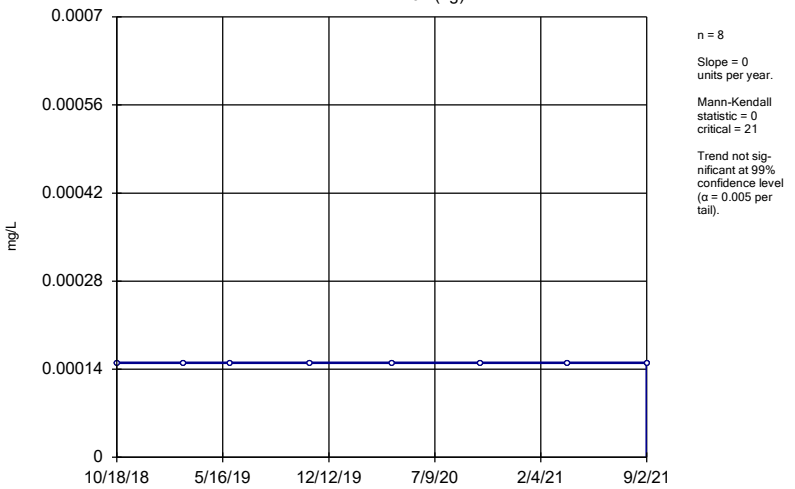
Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 21

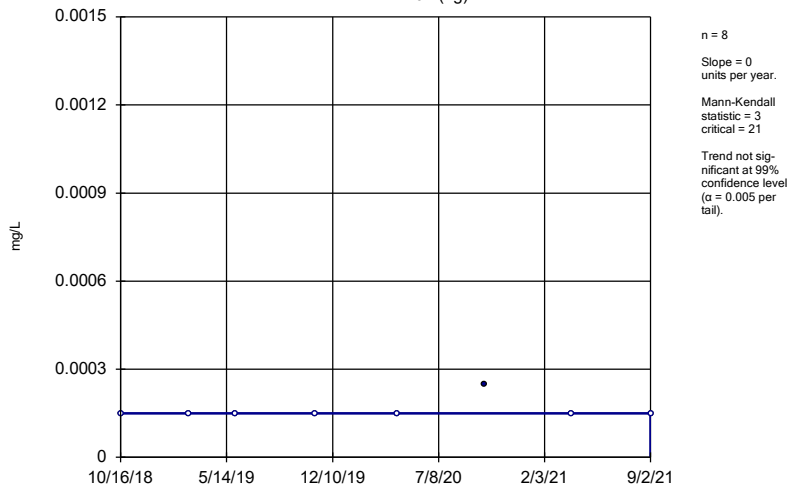
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 3 critical = 21

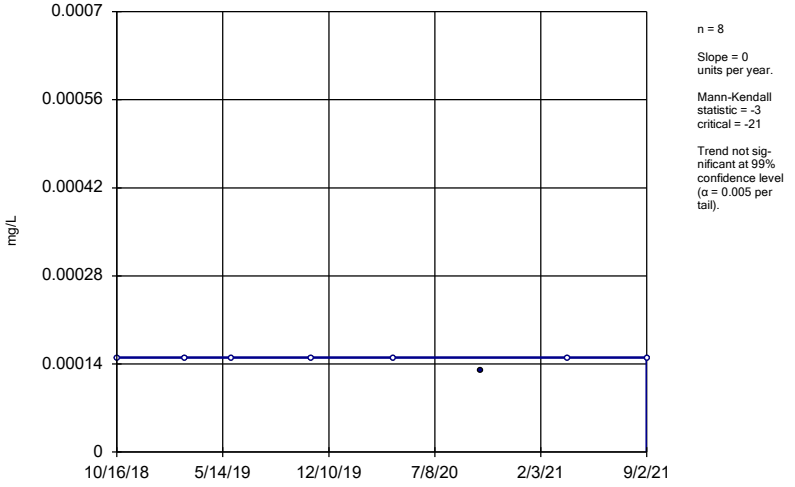
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = -3 critical = -21

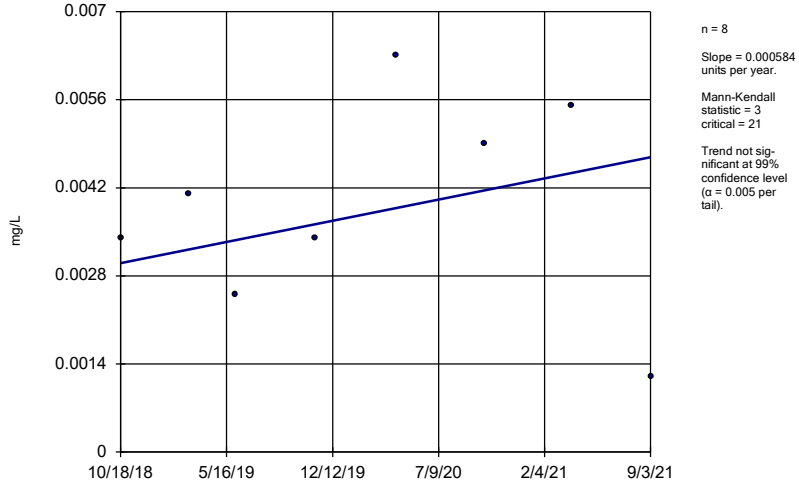
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-110



n = 8

Slope = 0.000584 units per year.

Mann-Kendall statistic = 3 critical = 21

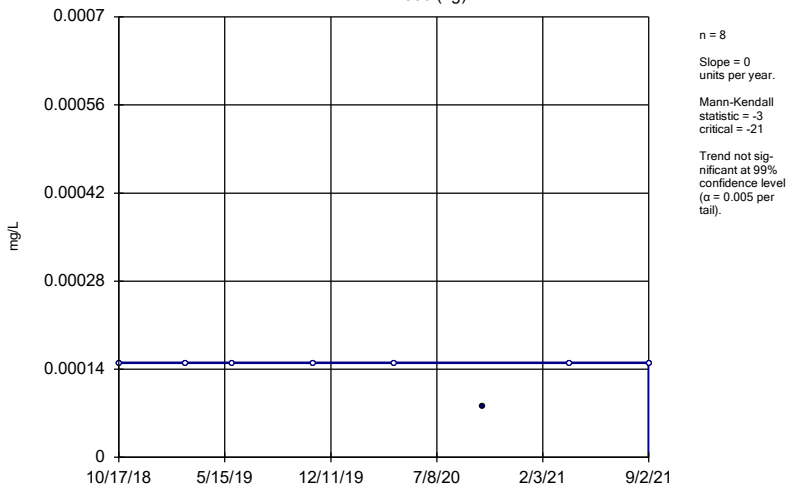
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

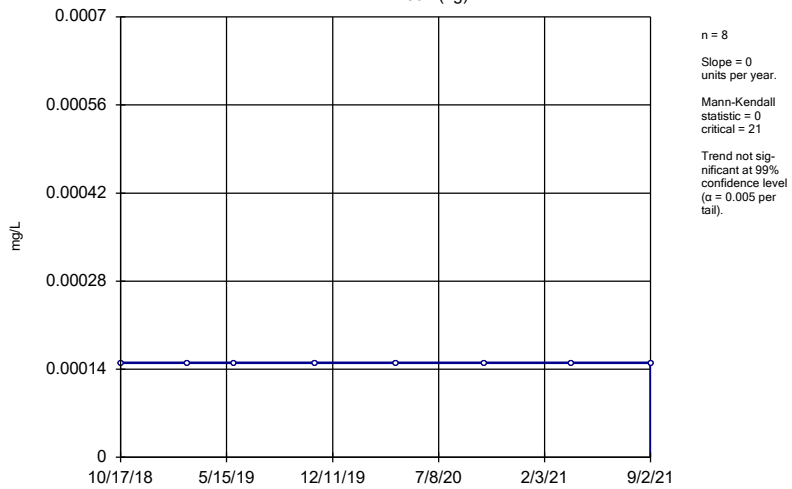


Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

200 Series

Appendix IV - Trend Test Summary - 200 Series Wells - All Results (No Significant)

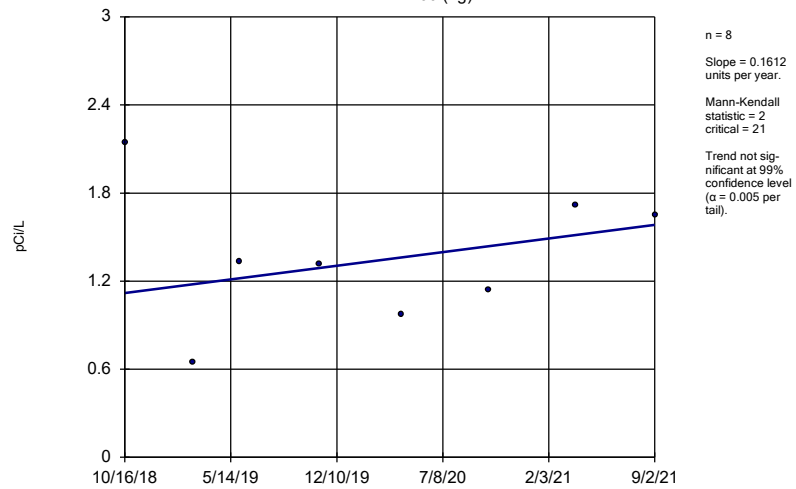
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 4:55 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	MW-100 (bg)	0.1612	2	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-101 (bg)	0.00207	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-107 (bg)	0.02022	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-108 (bg)	-0.03999	-7	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-200	-2.05	-16	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-201	0.8575	14	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-206	-0.7981	-10	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-306 (bg)	0.01153	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-307 (bg)	0.02133	4	21	No	8	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 8

Slope = 0.1612 units per year.

Mann-Kendall statistic = 2 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

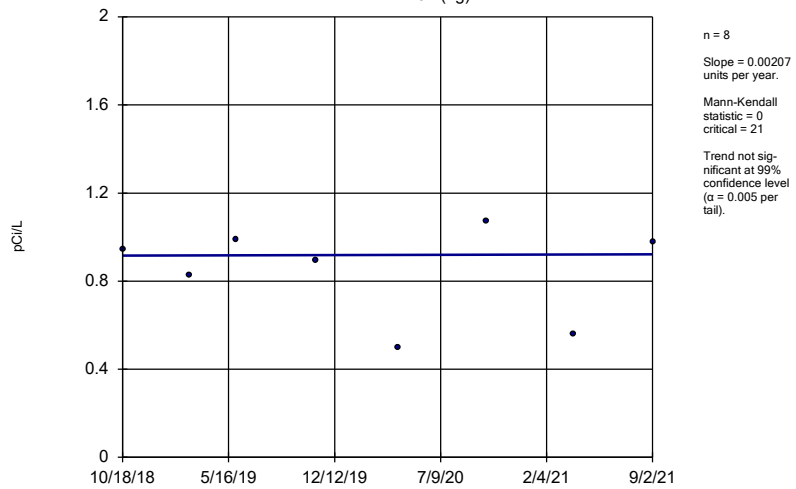
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 8

Slope = 0.00207 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

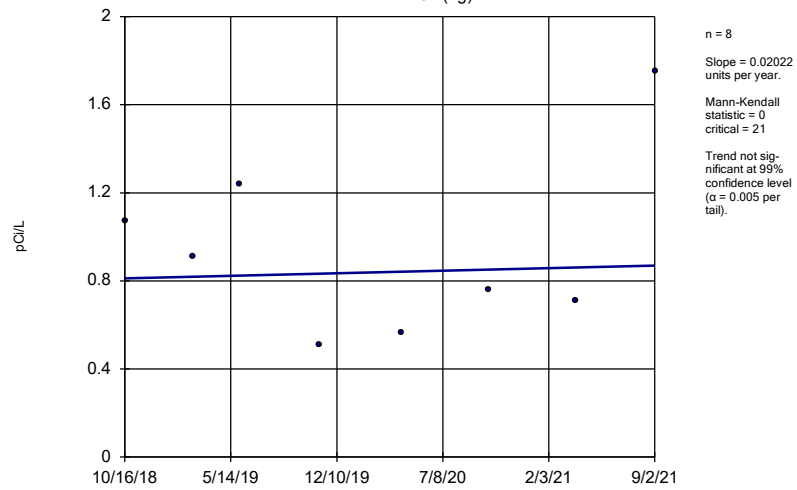
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 8

Slope = 0.02022 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

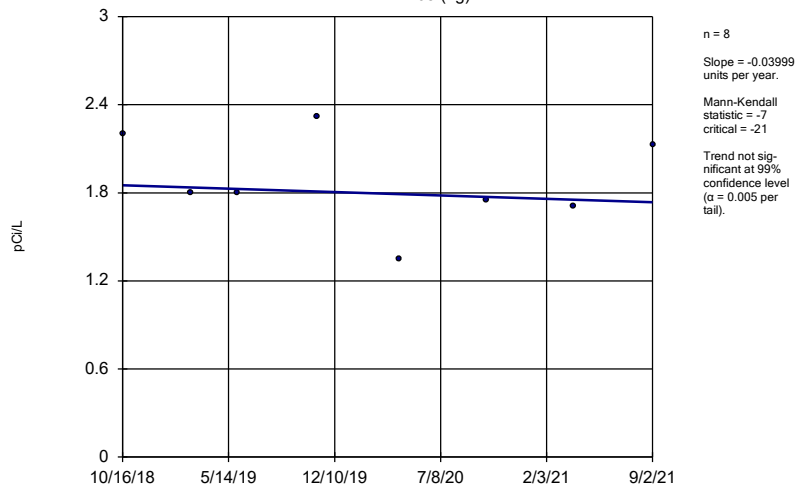
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 8

Slope = -0.03999 units per year.

Mann-Kendall statistic = -7 critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

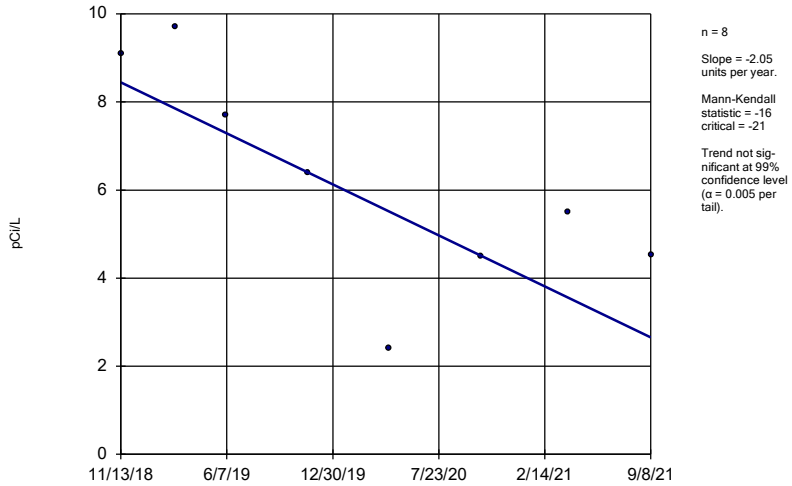
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-200



n = 8

Slope = -2.05 units per year.

Mann-Kendall statistic = -16
critical = -21

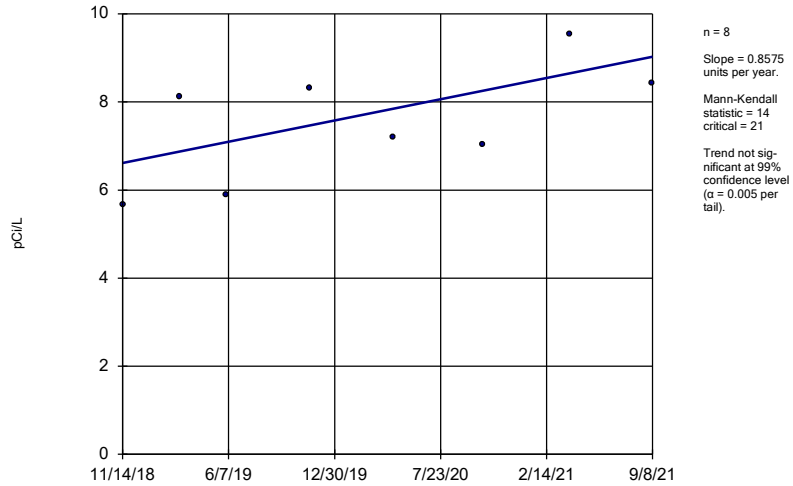
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-201



n = 8

Slope = 0.8575 units per year.

Mann-Kendall statistic = 14
critical = 21

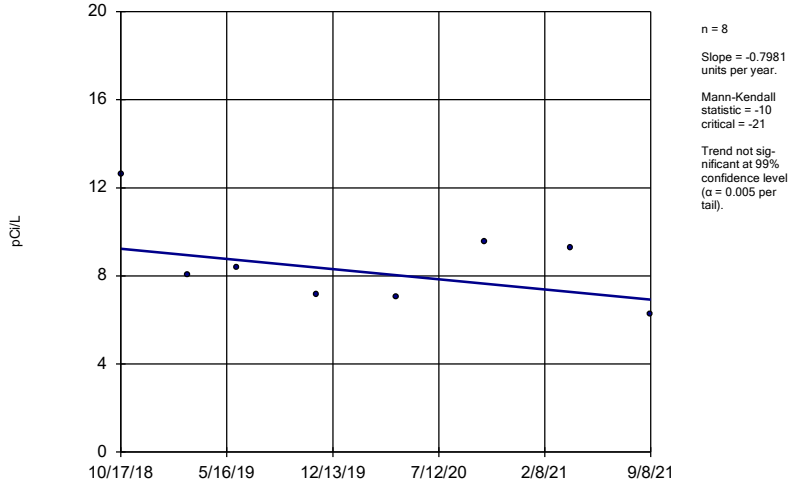
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-206



n = 8

Slope = -0.7981 units per year.

Mann-Kendall statistic = -10
critical = -21

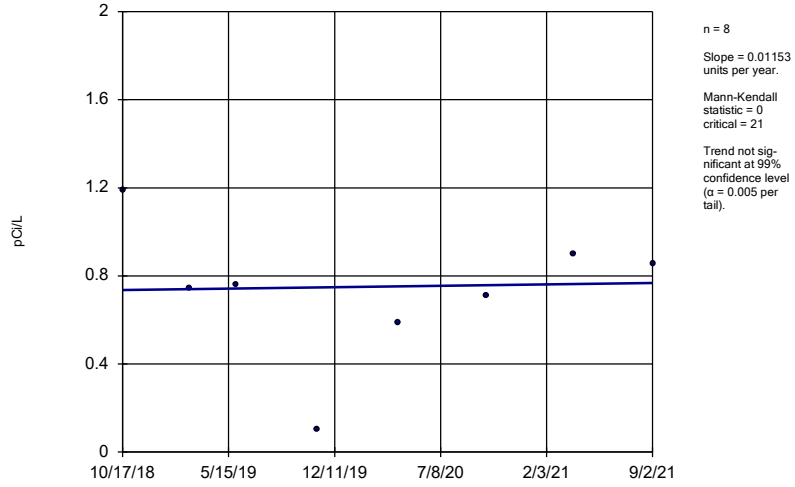
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 8

Slope = 0.01153 units per year.

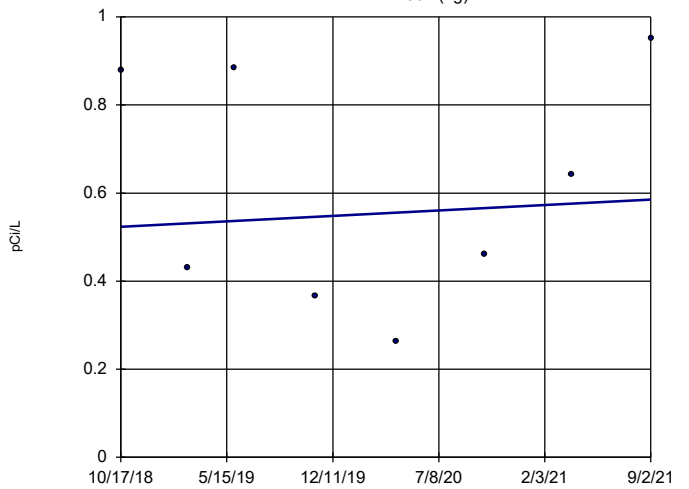
Mann-Kendall statistic = 0
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-307 (bg)



n = 8

Slope = 0.02133 units per year.

Mann-Kendall statistic = 4
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

300 Series

Appendix IV - Trend Test Summary - 300 Series Wells - All Results (No Significant)

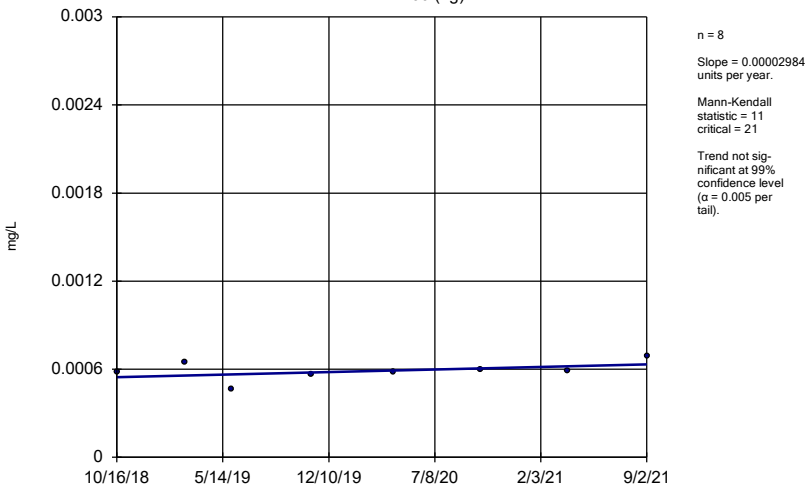
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 5:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	MW-100 (bg)	0.00002984	11	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-101 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-107 (bg)	8.2e-12	6	21	No	8	50	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-108 (bg)	0	1	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-304	0.0001631	0	21	No	8	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-306 (bg)	0	0	21	No	8	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	MW-307 (bg)	0.00007956	9	21	No	8	25	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-100 (bg)	0.1612	2	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-101 (bg)	0.00207	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-107 (bg)	0.02022	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-108 (bg)	-0.03999	-7	-21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-303	0.4088	7	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-306 (bg)	0.01153	0	21	No	8	0	n/a	n/a	0.01	NP
Combined Radium 226 + 228 (pCi/L)	MW-307 (bg)	0.02133	4	21	No	8	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-100 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-101 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-107 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-108 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-303	-0.1802	-20	-21	No	8	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-306 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	MW-307 (bg)	0	0	21	No	8	100	n/a	n/a	0.01	NP

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 8

Slope = 0.00002984 units per year.

Mann-Kendall statistic = 11
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

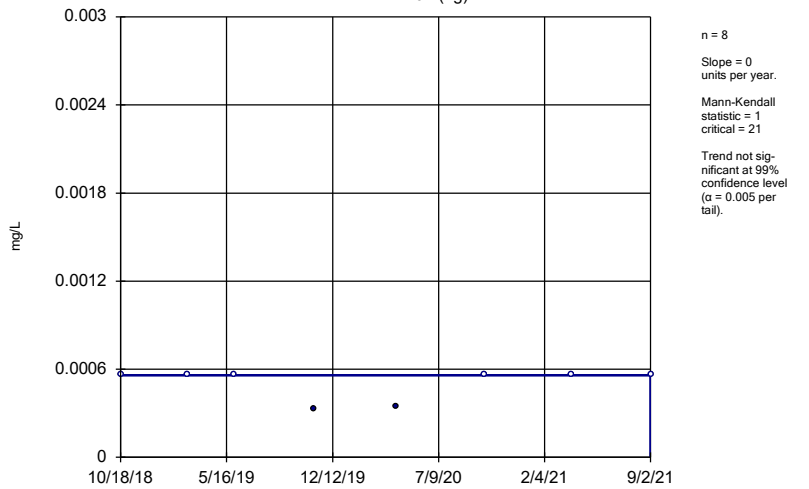
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

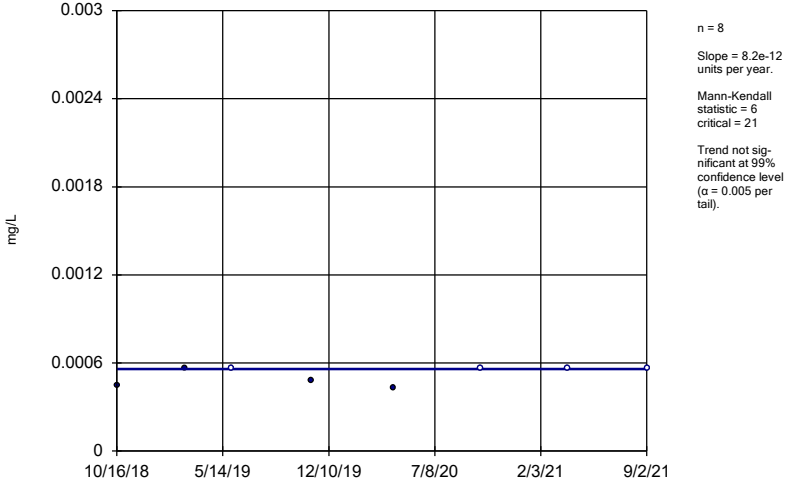
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 8

Slope = 8.2e-12 units per year.

Mann-Kendall statistic = 6
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

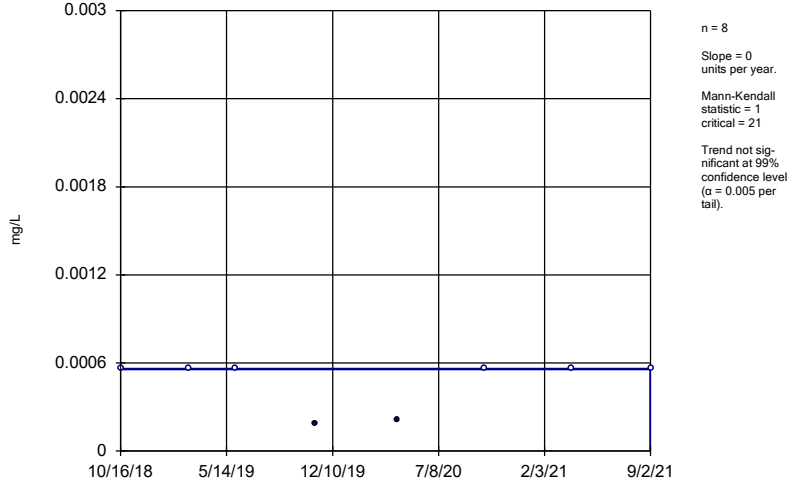
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

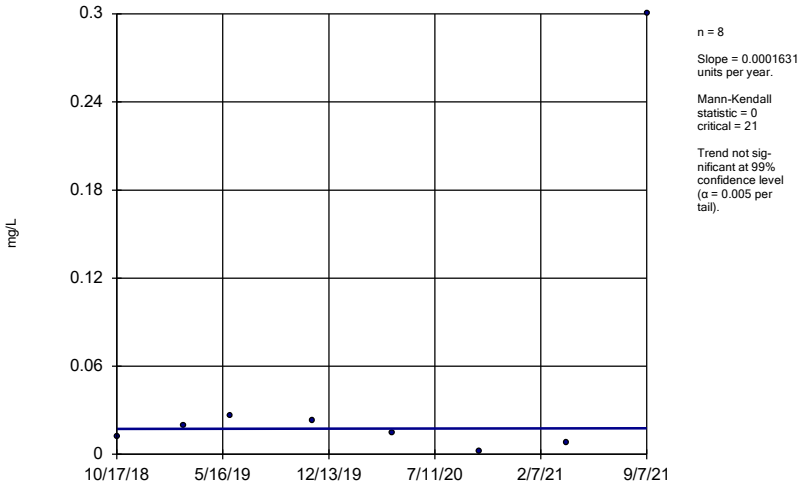
Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-304



n = 8

Slope = 0.0001631 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

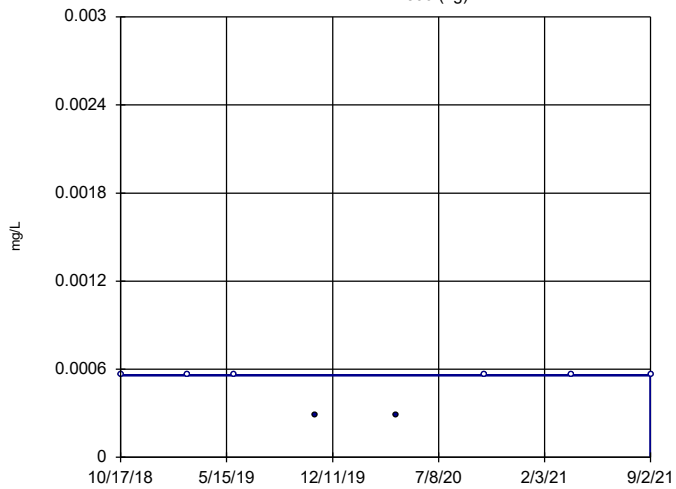
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

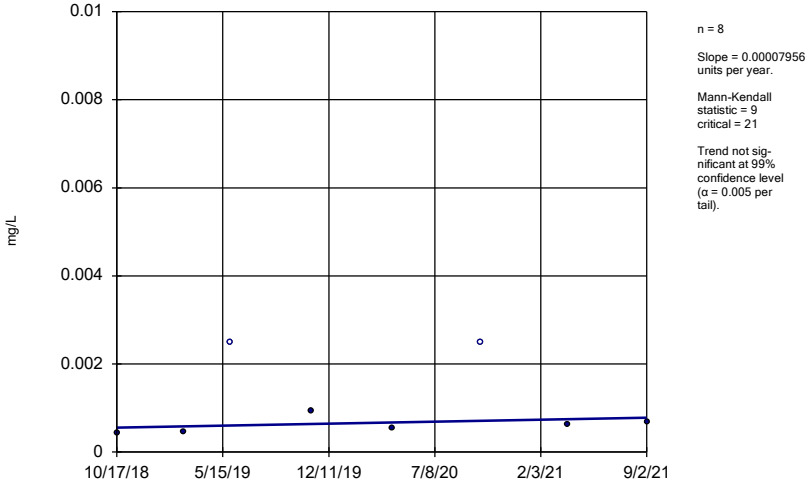
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 8

Slope = 0.00007956 units per year.

Mann-Kendall statistic = 9 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

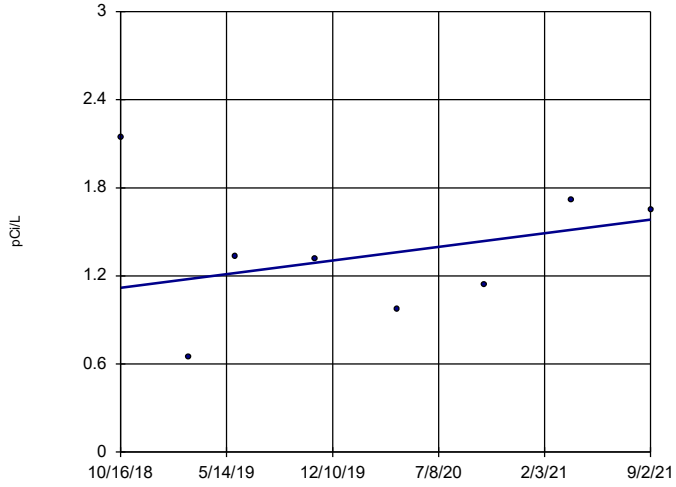
Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 8

Slope = 0.1612 units per year.

Mann-Kendall statistic = 2 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

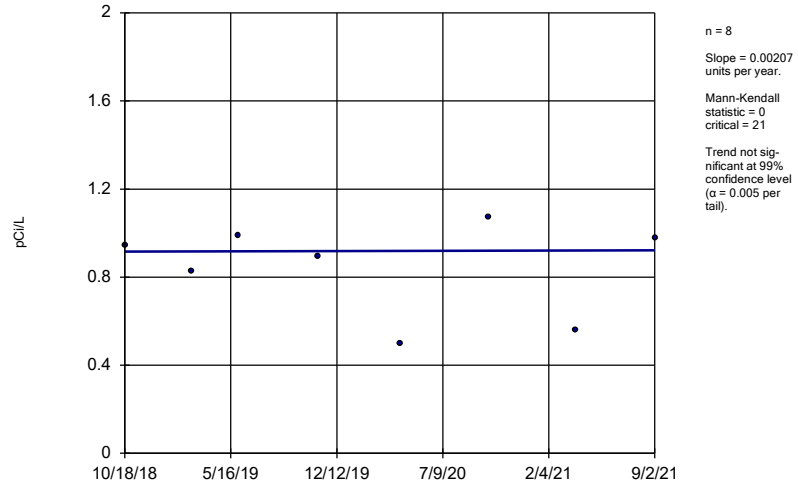
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 8

Slope = 0.00207 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

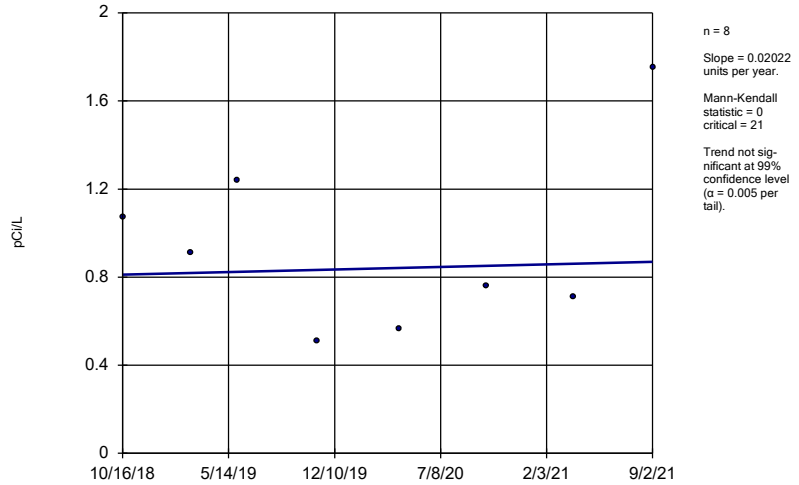
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 8

Slope = 0.02022 units per year.

Mann-Kendall statistic = 0 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

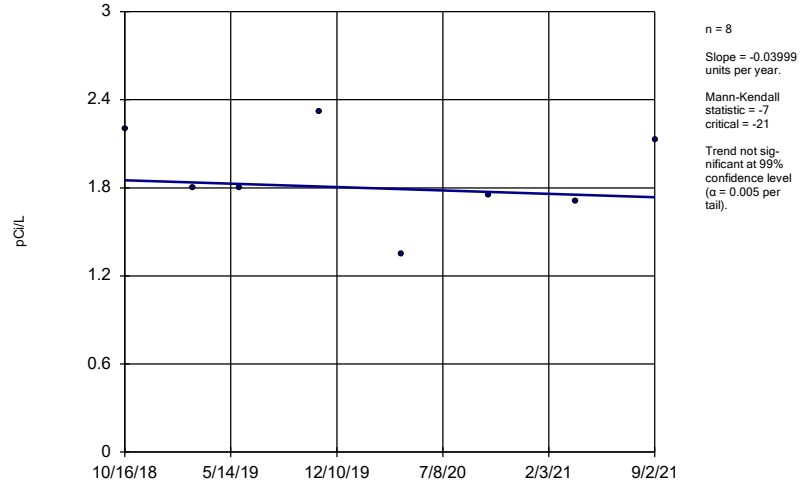
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 8

Slope = -0.03999 units per year.

Mann-Kendall statistic = -7 critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

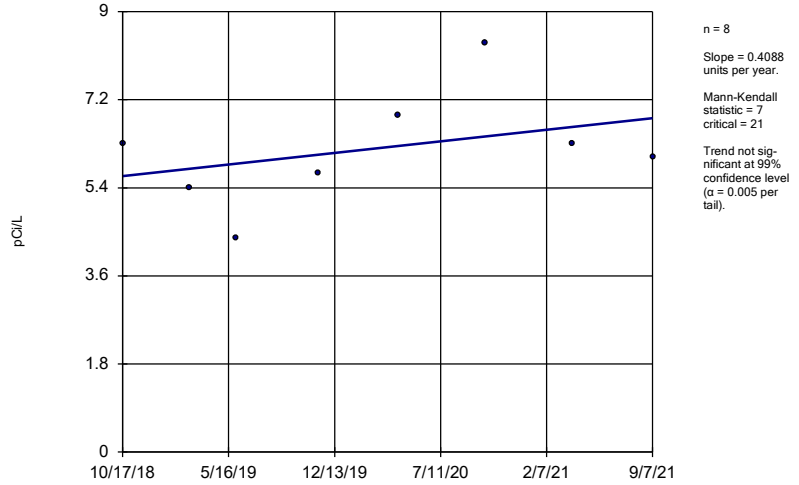
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-303



n = 8

Slope = 0.4088 units per year.

Mann-Kendall statistic = 7 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

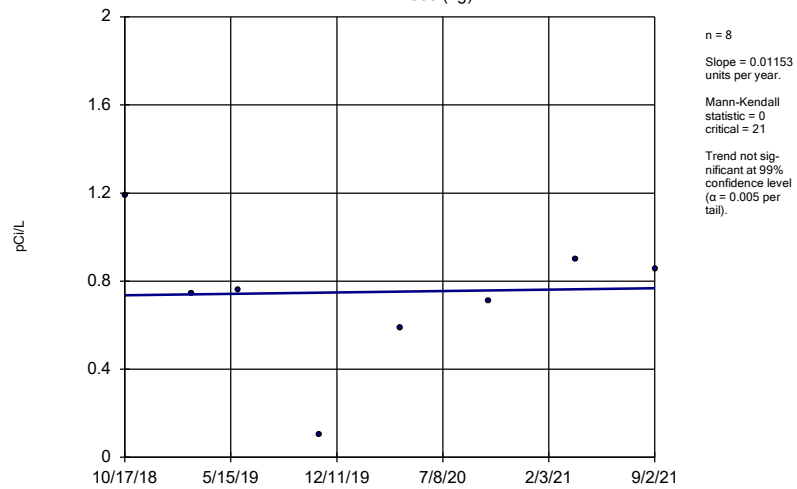
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-306 (bg)



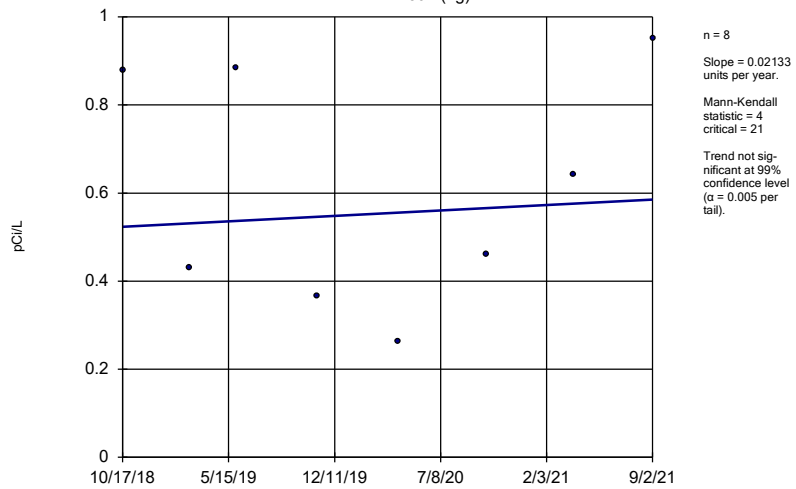
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-307 (bg)



Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

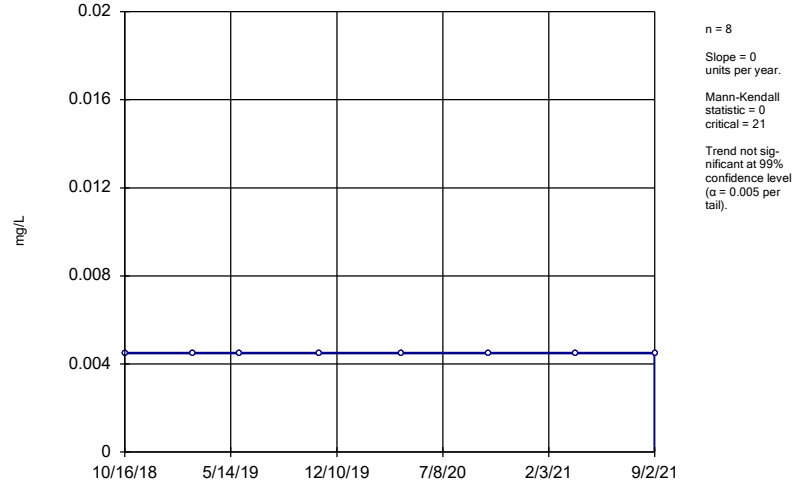
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

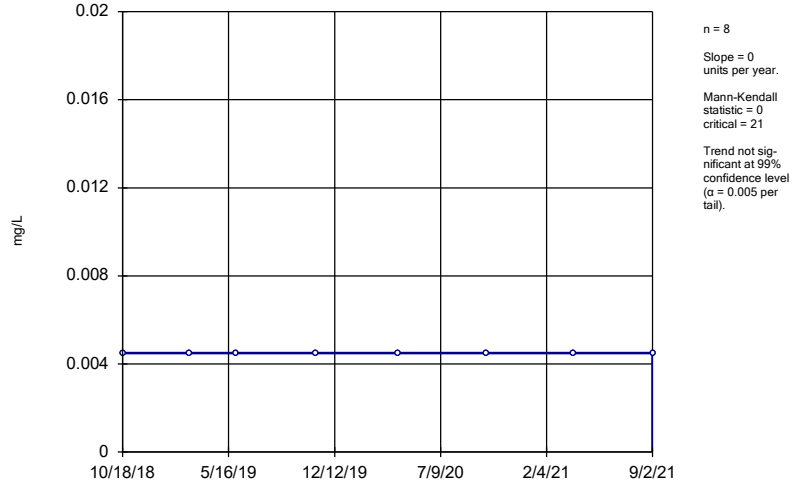
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



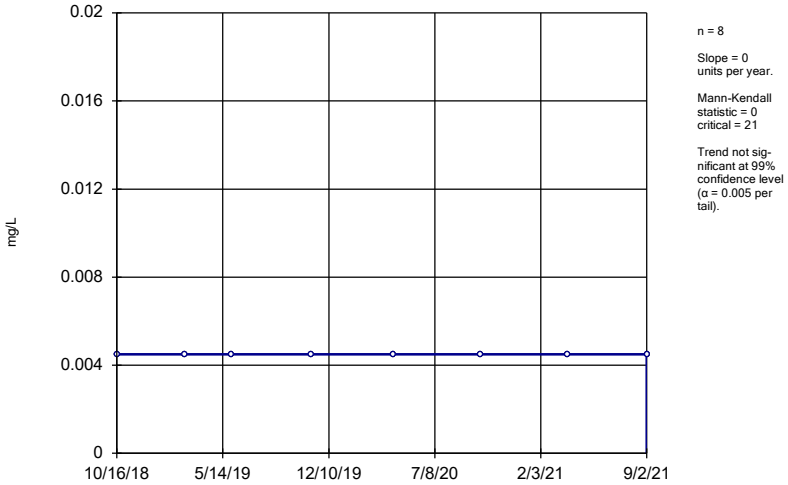
Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 21

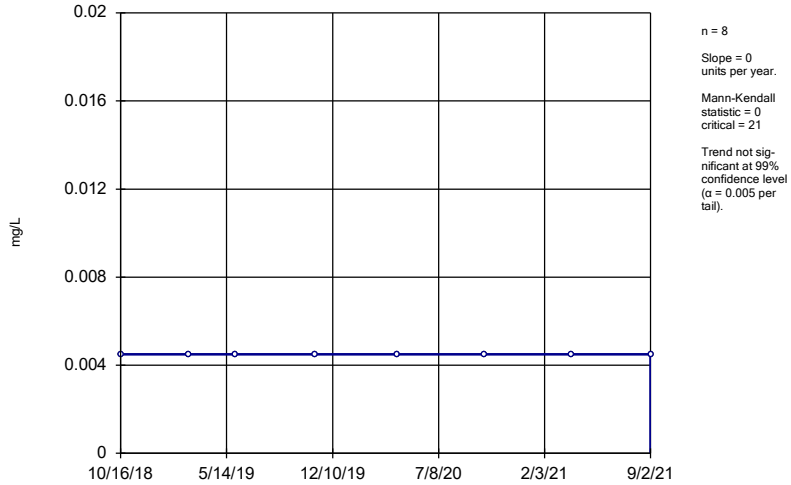
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 21

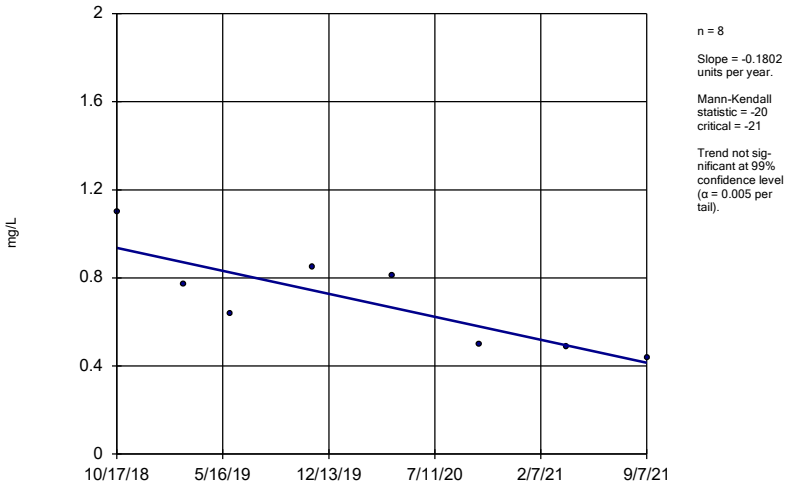
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Sen's Slope Estimator

MW-303



n = 8

Slope = -0.1802 units per year.

Mann-Kendall statistic = -20 critical = -21

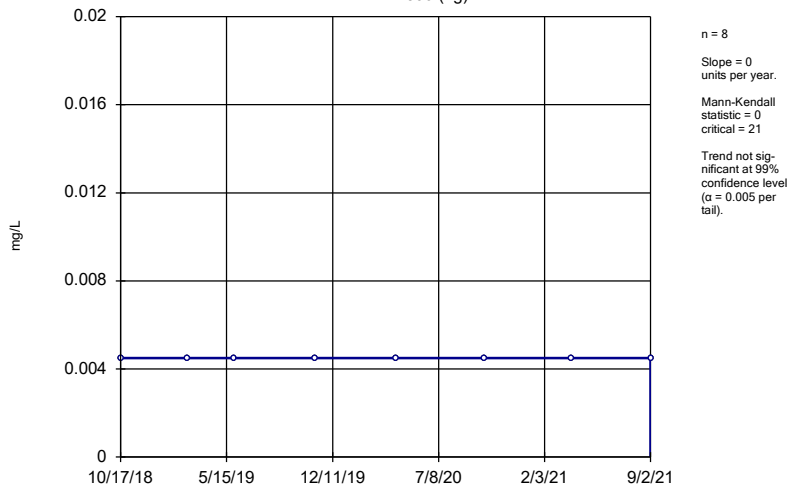
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 21

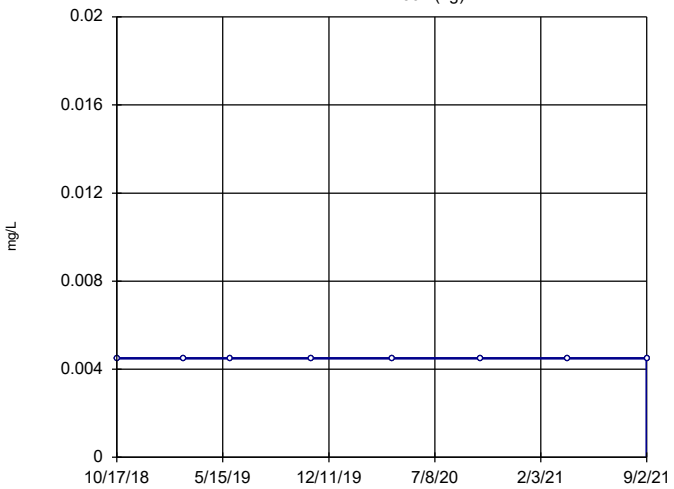
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

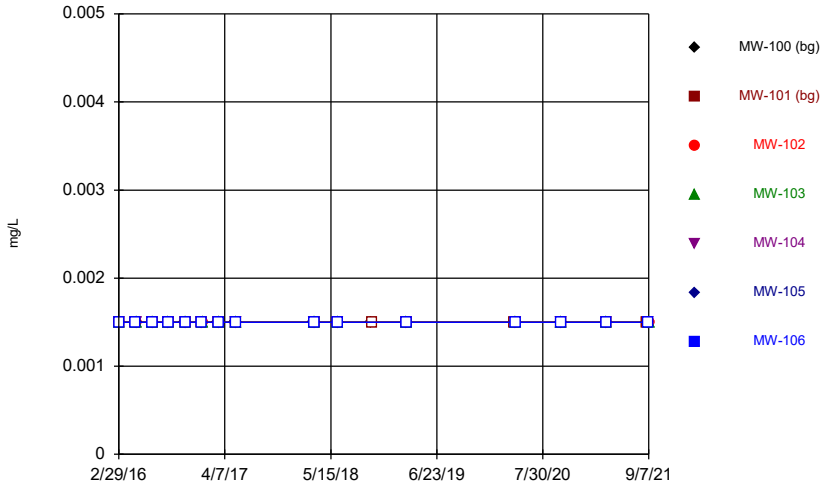
Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

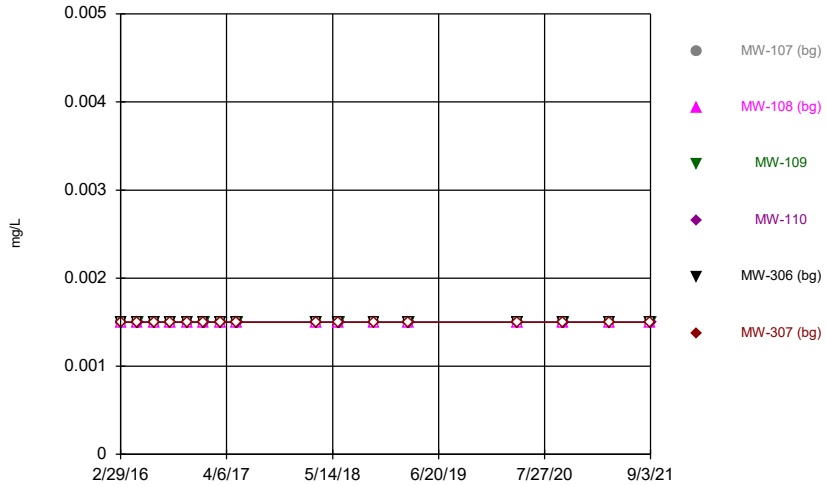
Time Series



Constituent: Antimony Analysis Run 12/15/2021 6:08 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

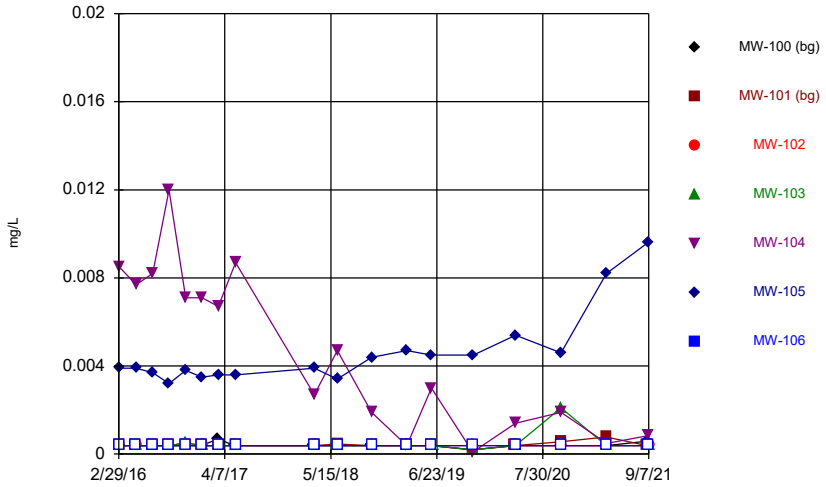
Time Series



Constituent: Antimony Analysis Run 12/15/2021 6:08 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

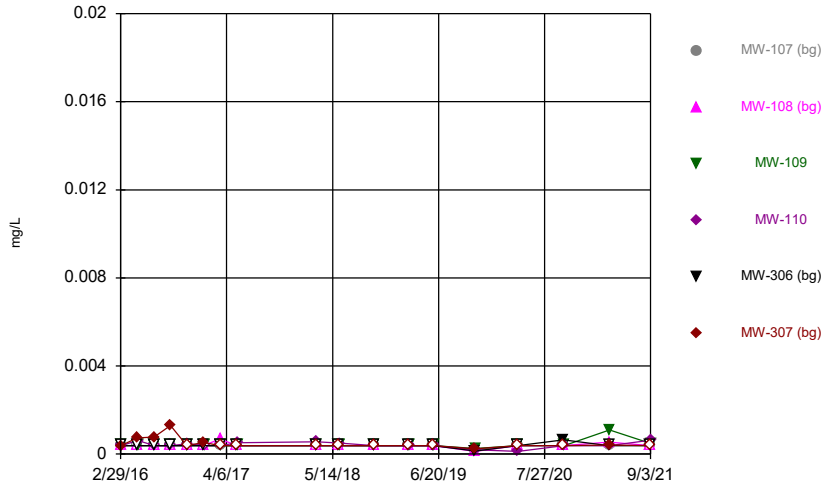
Time Series



Constituent: Arsenic Analysis Run 12/15/2021 6:08 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

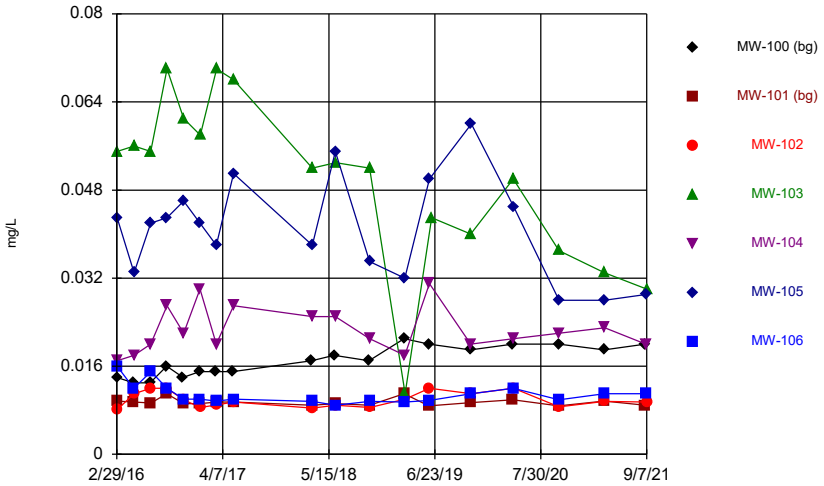
Time Series



Constituent: Arsenic Analysis Run 12/15/2021 6:08 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

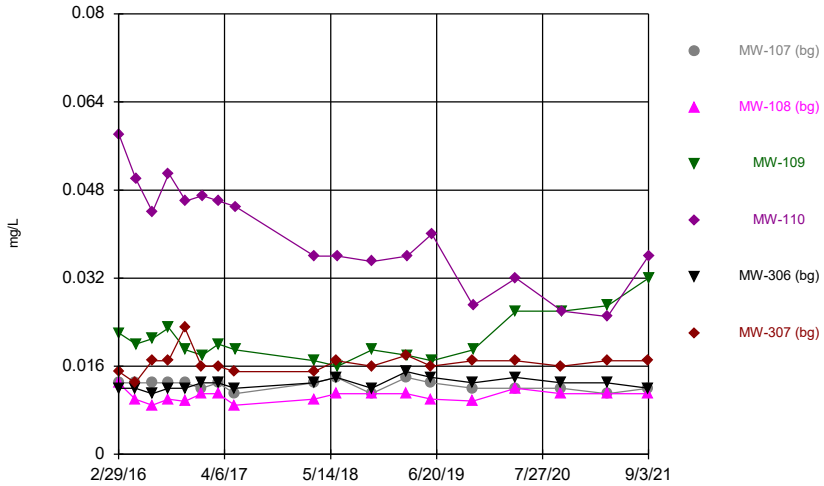
Time Series



Constituent: Barium Analysis Run 12/15/2021 6:08 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

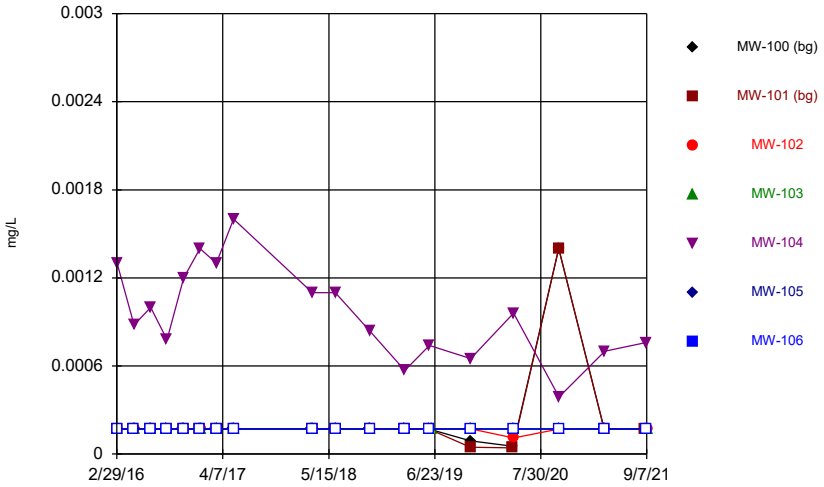
Time Series



Constituent: Barium Analysis Run 12/15/2021 6:08 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

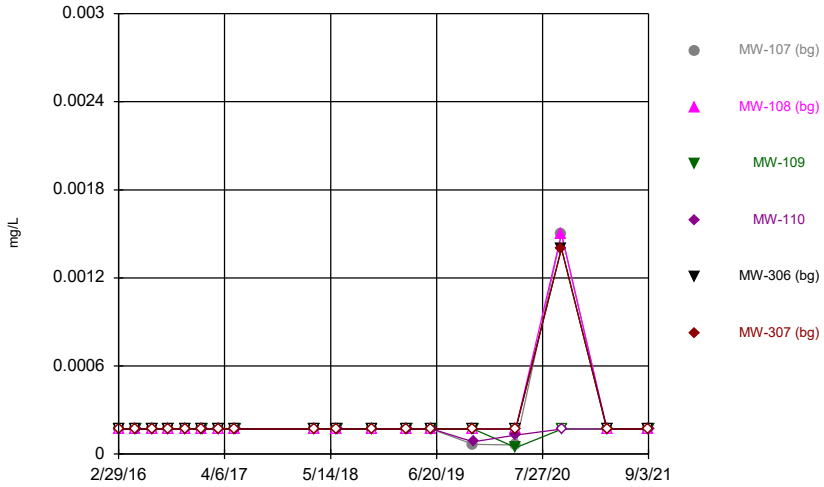
Time Series



Constituent: Beryllium Analysis Run 12/15/2021 6:08 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

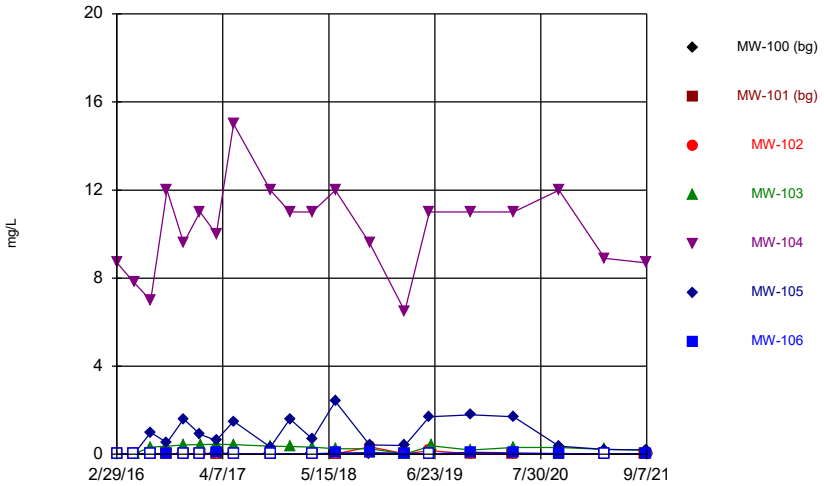
Time Series



Constituent: Beryllium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

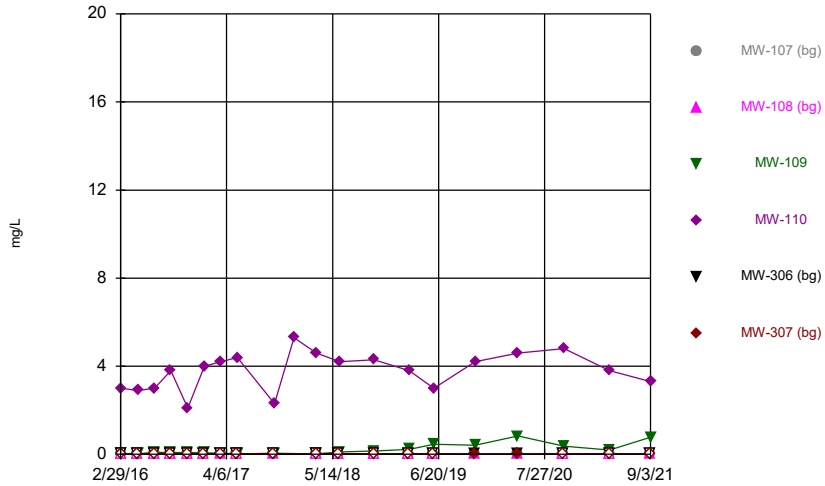
Time Series



Constituent: Boron Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

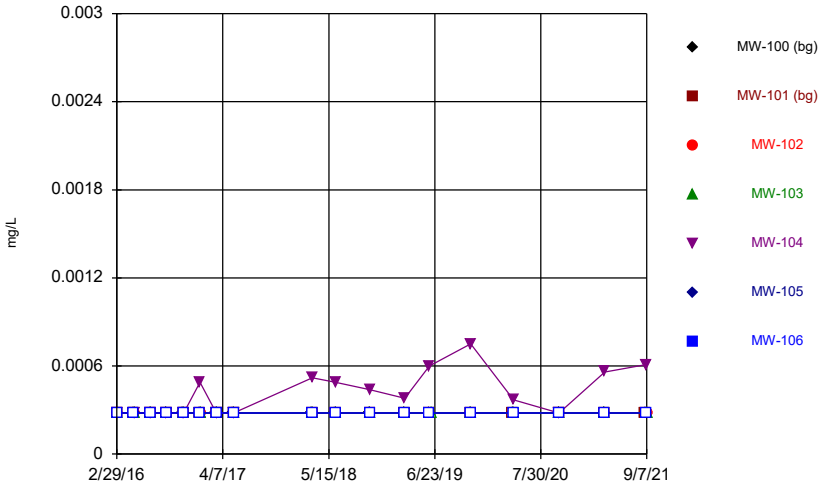
Time Series



Constituent: Boron Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

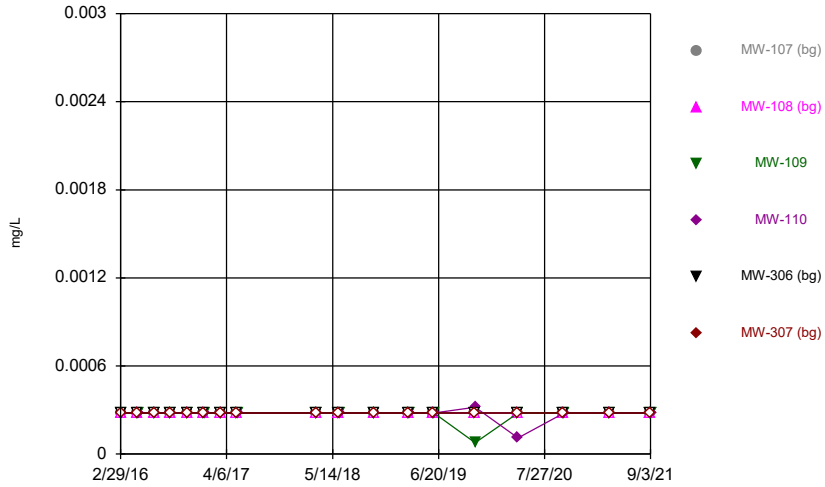
Time Series



Constituent: Cadmium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

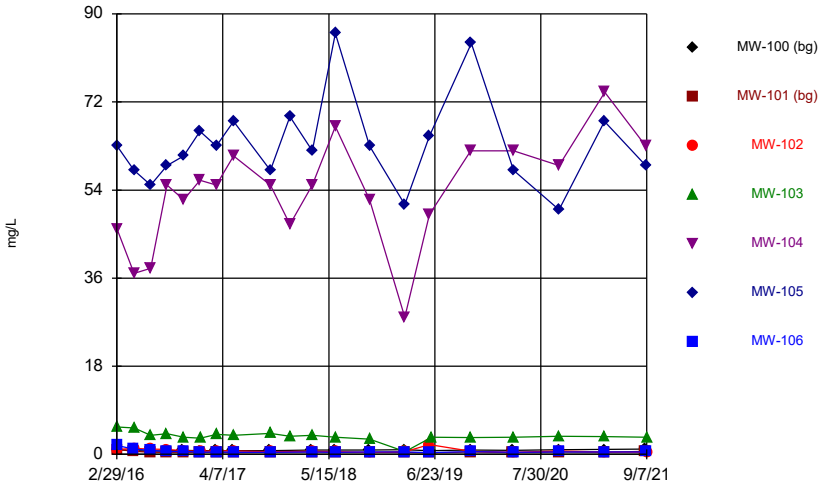
Time Series



Constituent: Cadmium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

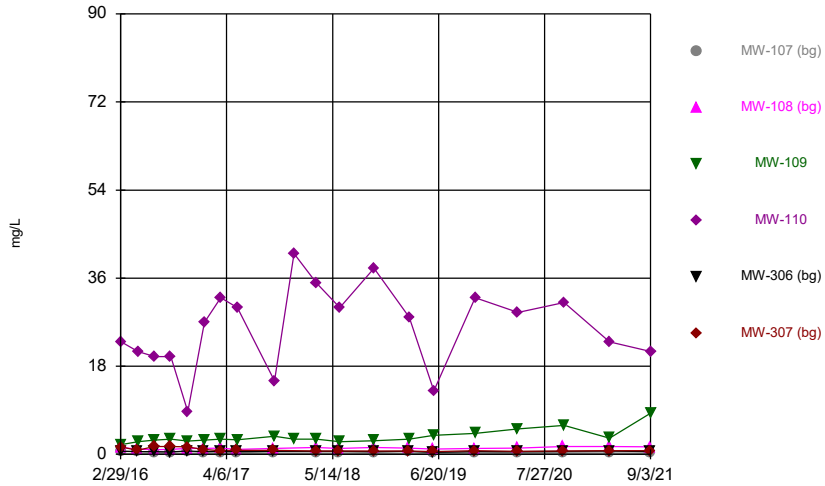
Time Series



Constituent: Calcium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

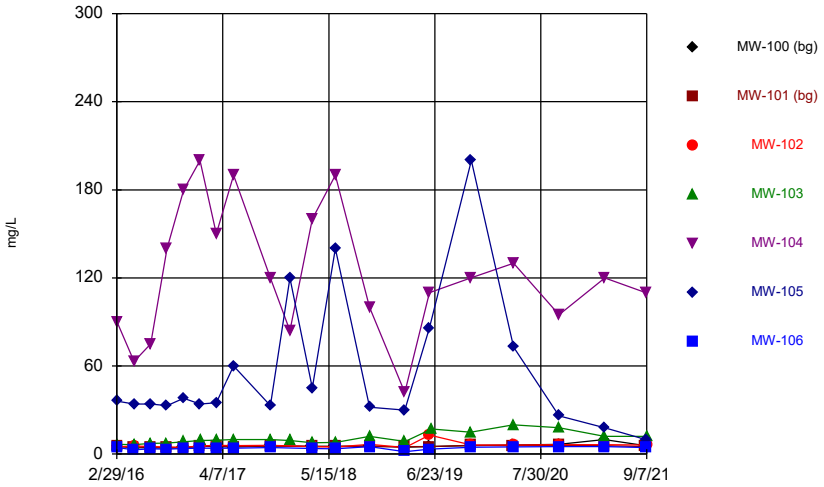
Time Series



Constituent: Calcium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

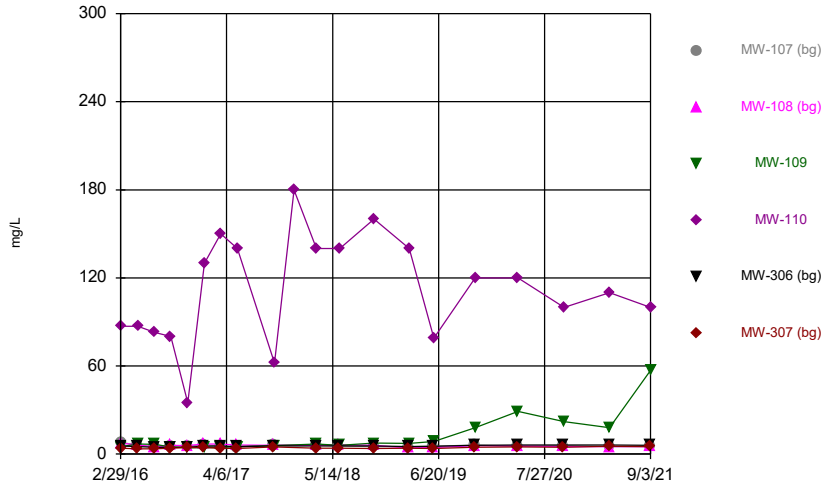
Time Series



Constituent: Chloride Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

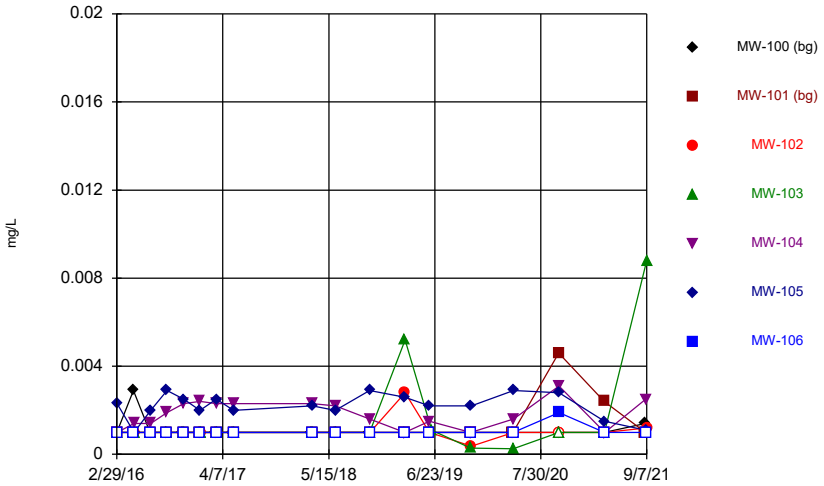
Time Series



Constituent: Chloride Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

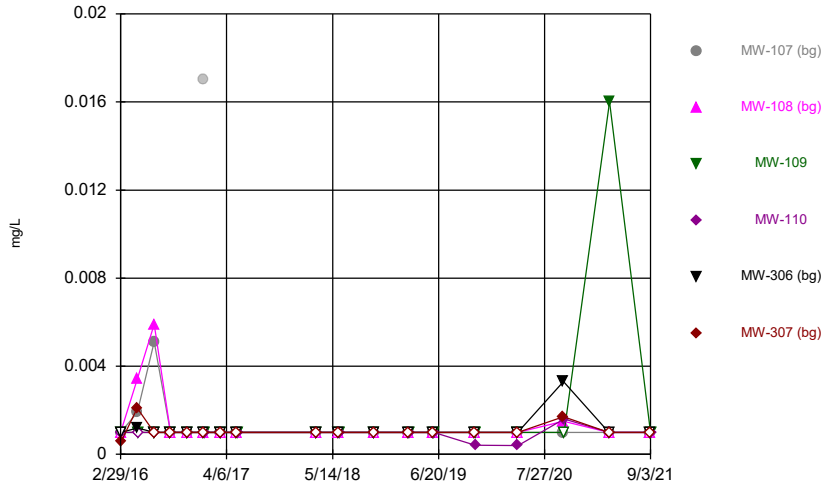
Time Series



Constituent: Chromium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

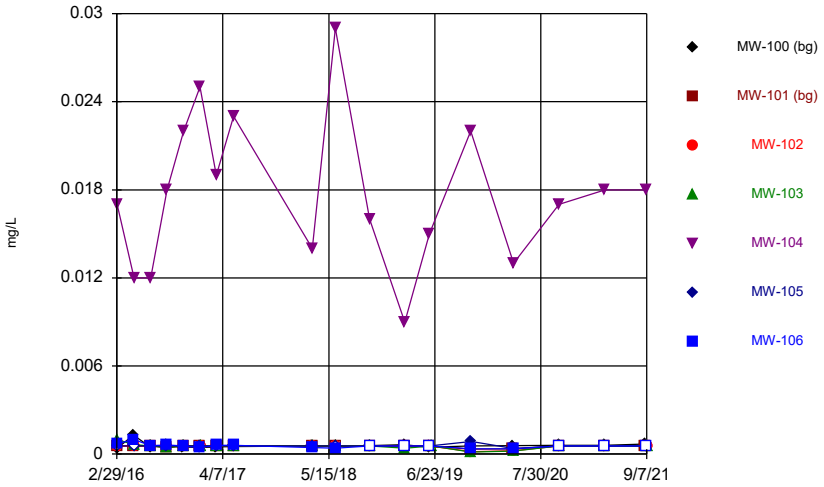
Time Series



Constituent: Chromium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

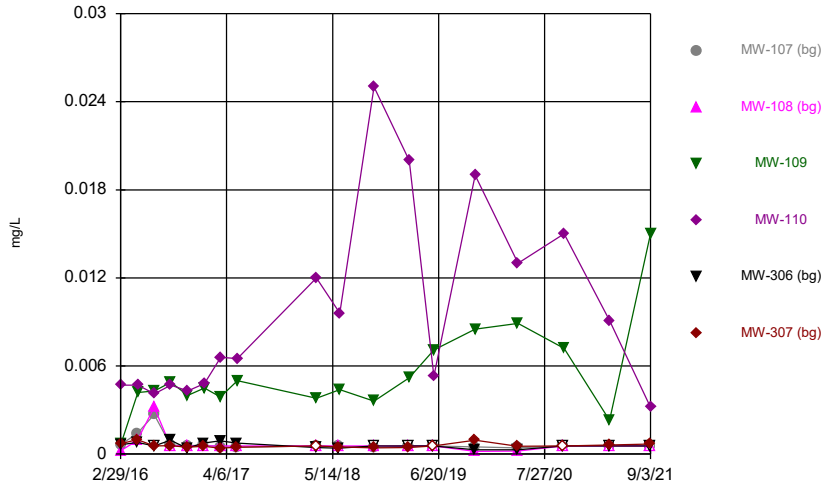
Time Series



Constituent: Cobalt Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

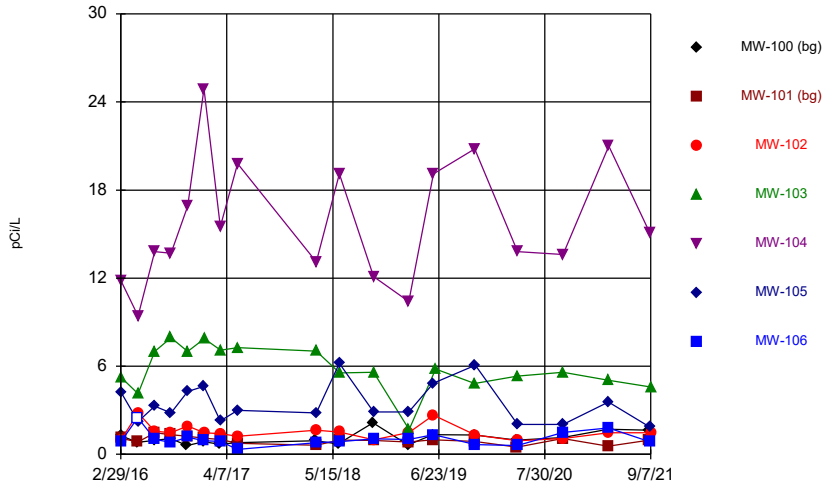
Time Series



Constituent: Cobalt Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

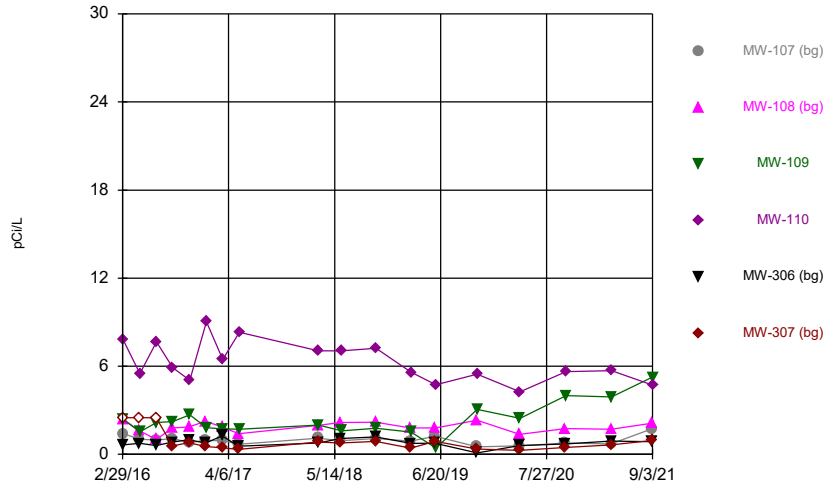
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

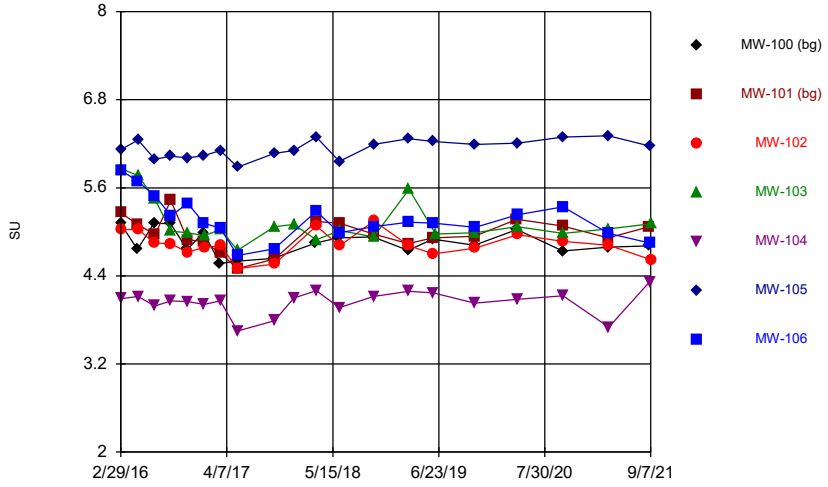
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

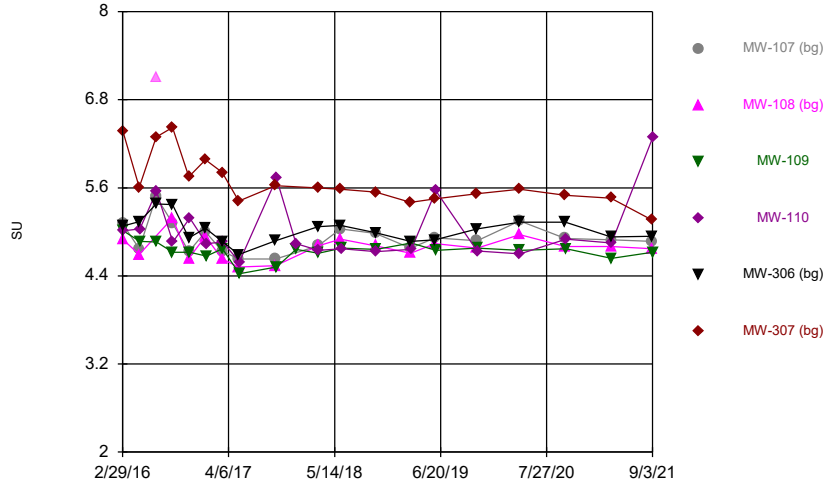
Time Series



Constituent: Field pH Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

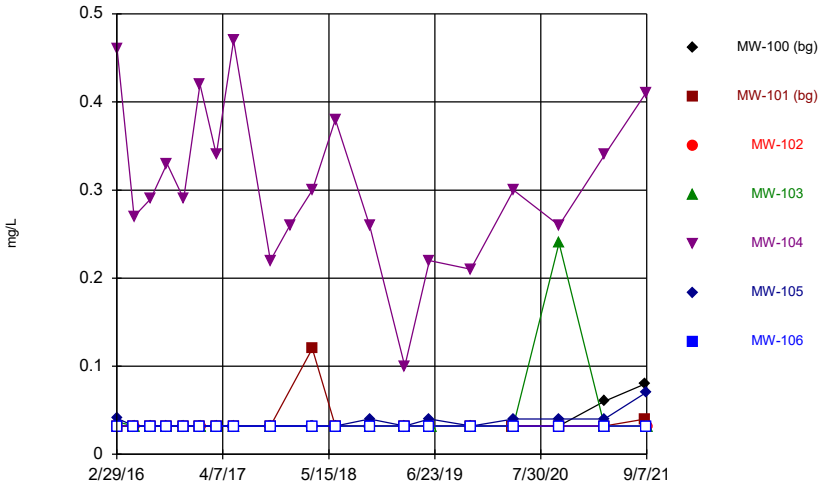
Time Series



Constituent: Field pH Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

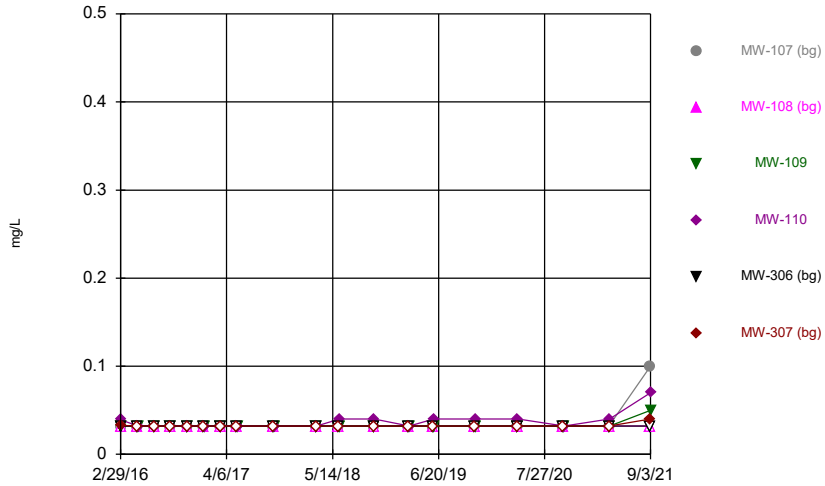
Time Series



Constituent: Fluoride Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

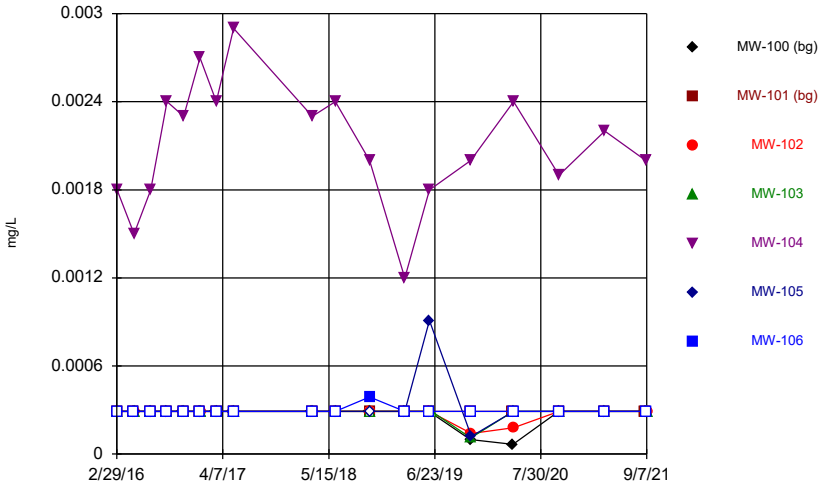
Time Series



Constituent: Fluoride Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

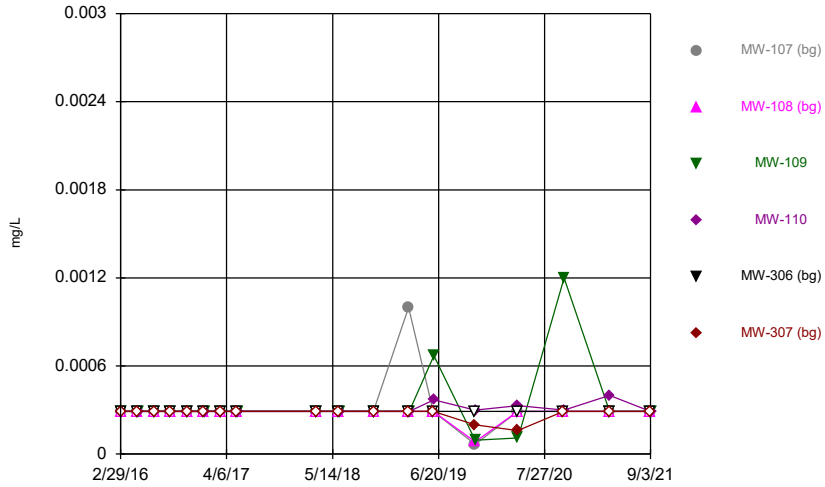
Time Series



Constituent: Lead Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

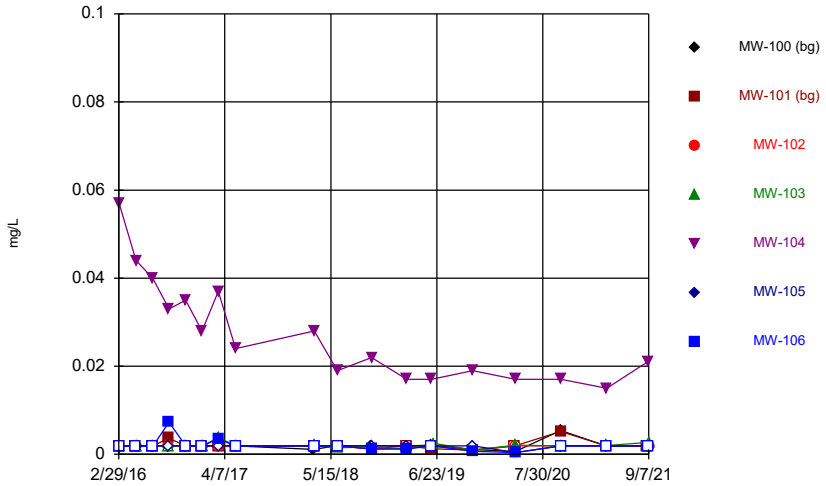
Time Series



Constituent: Lead Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

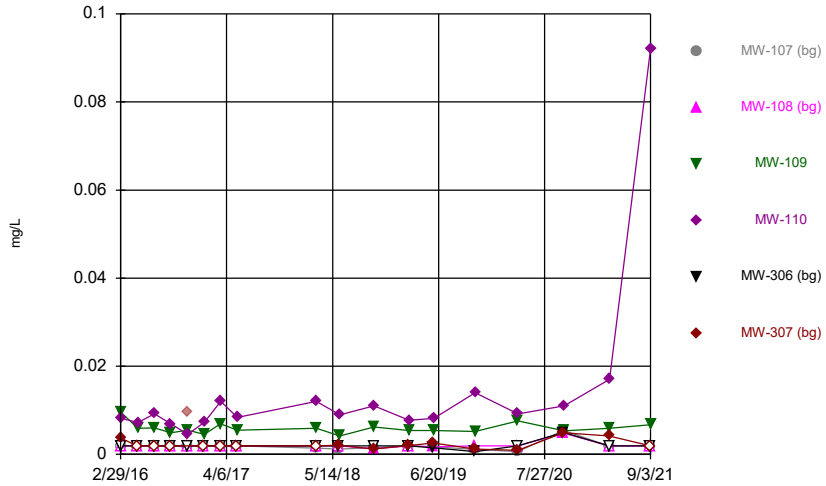
Time Series



Constituent: Lithium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

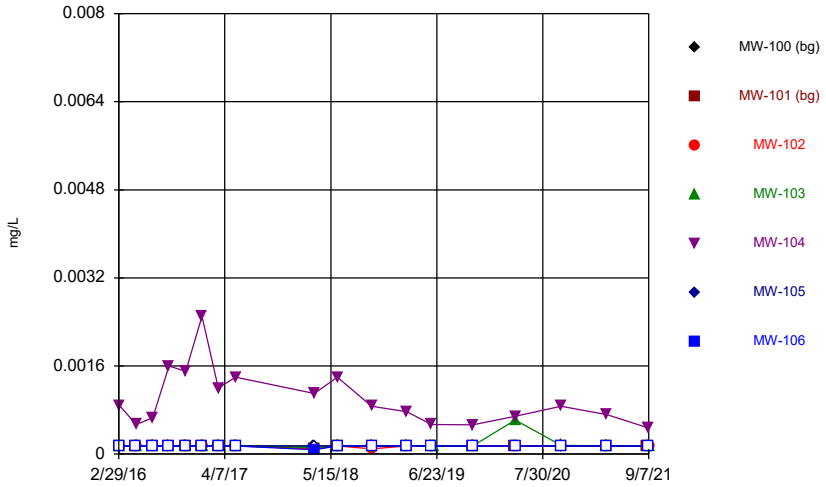
Time Series



Constituent: Lithium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

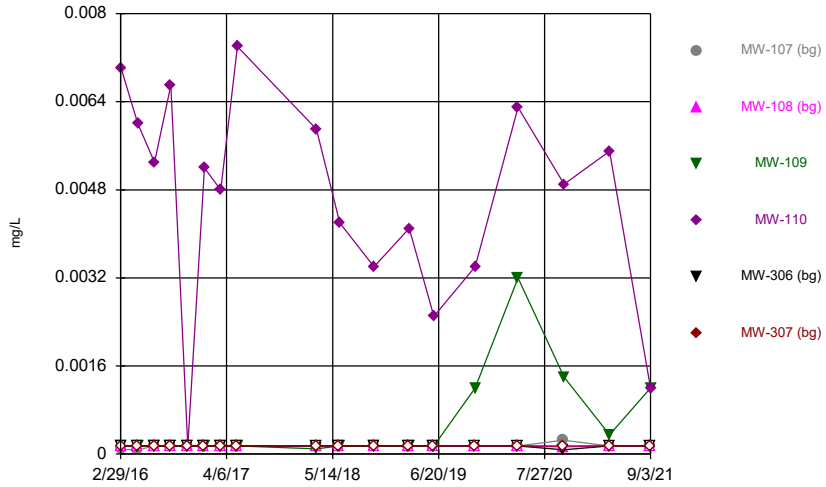
Time Series



Constituent: Mercury Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

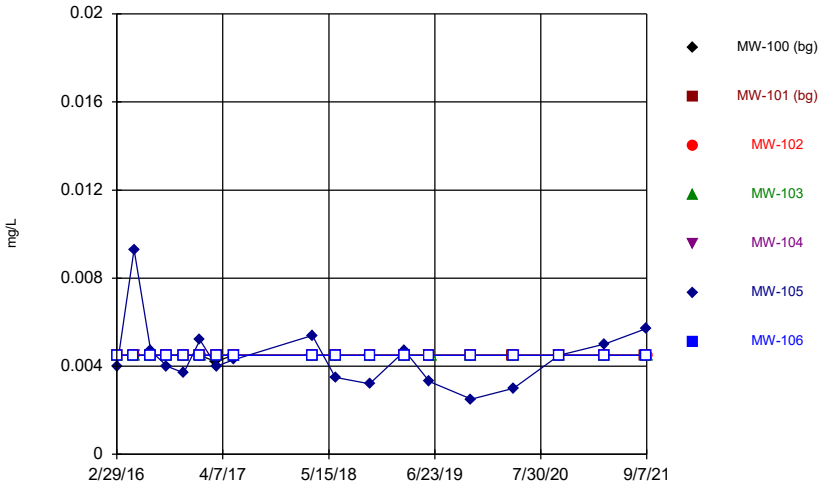
Time Series



Constituent: Mercury Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

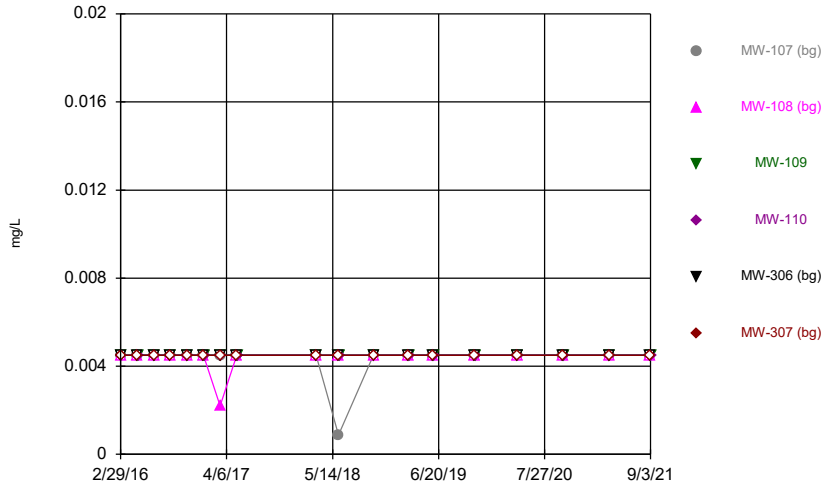
Time Series



Constituent: Molybdenum Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

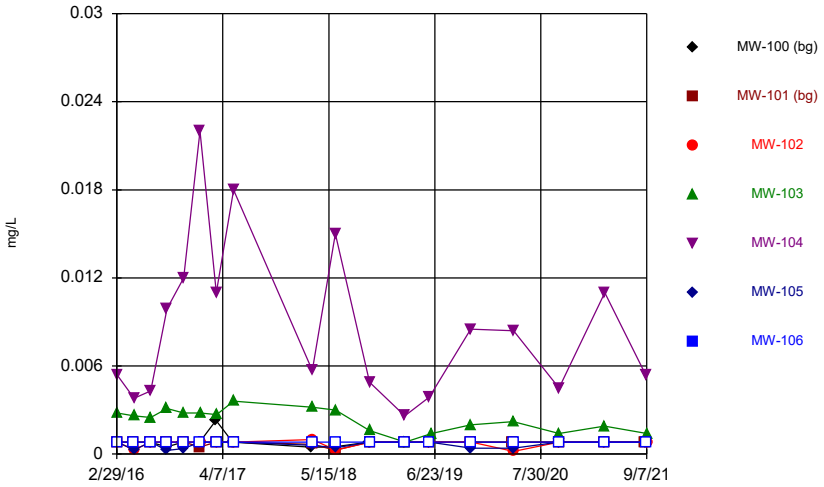
Time Series



Constituent: Molybdenum Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

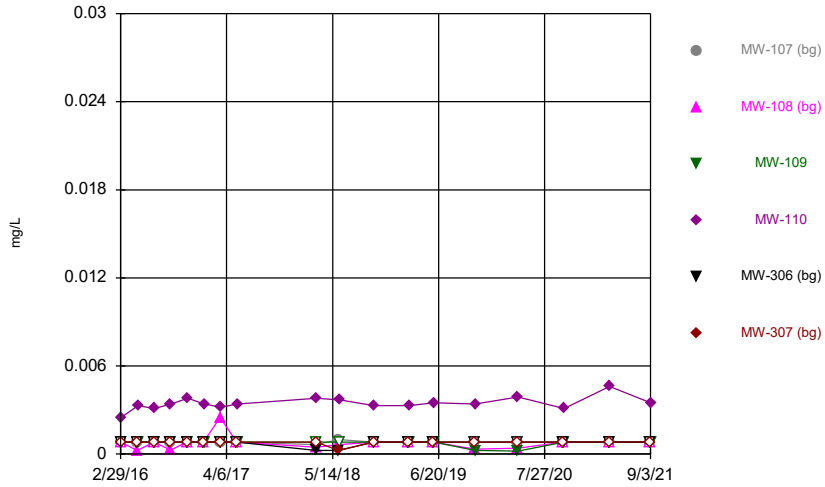
Time Series



Constituent: Selenium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

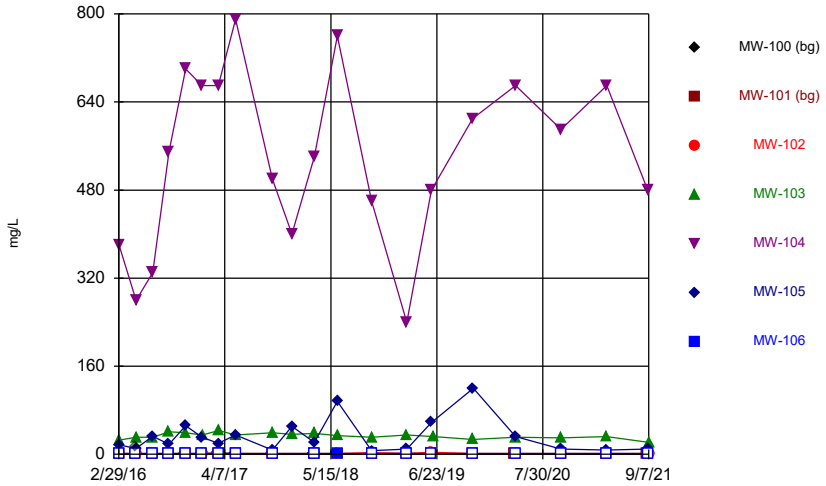
Time Series



Constituent: Selenium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

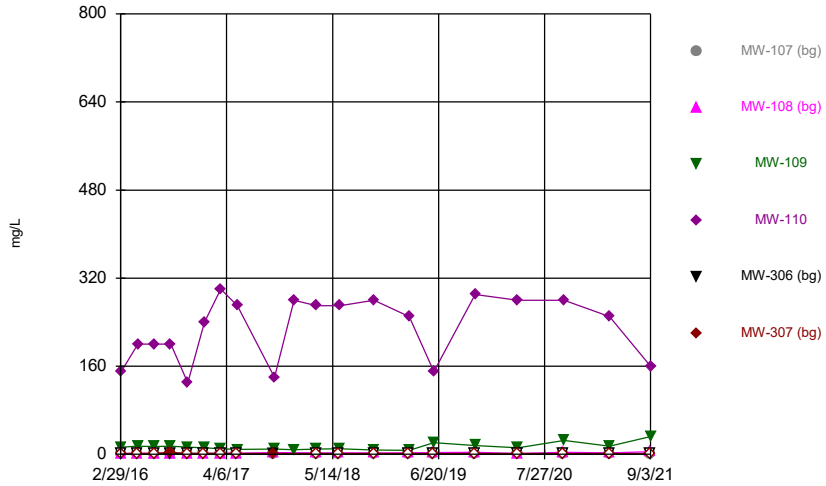
Time Series



Constituent: Sulfate Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

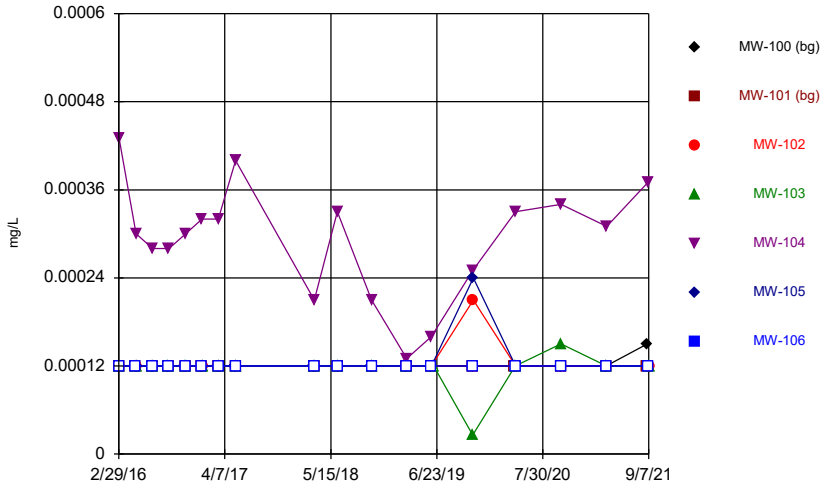
Time Series



Constituent: Sulfate Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

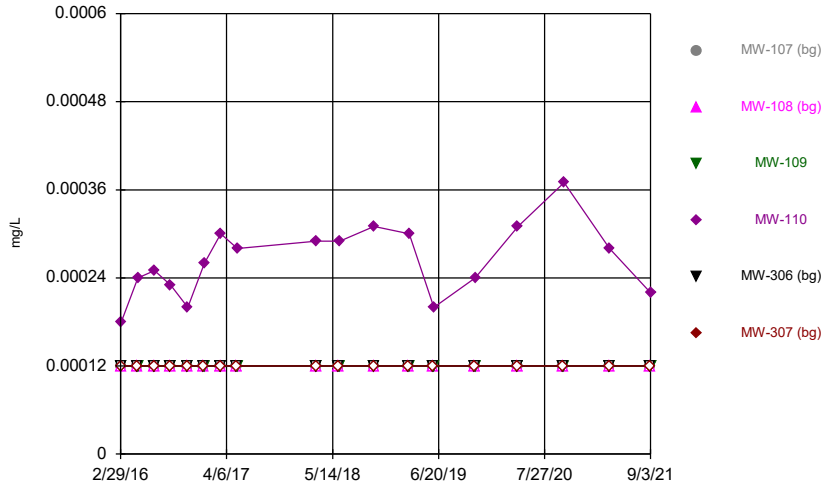
Time Series



Constituent: Thallium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

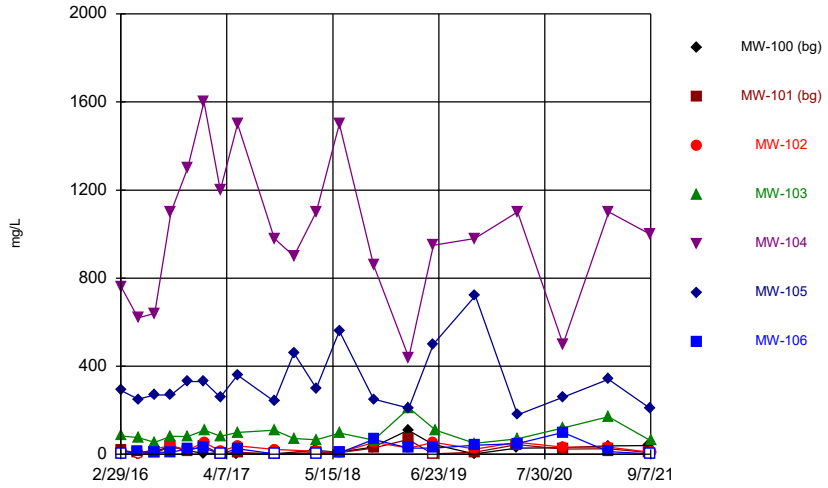
Time Series



Constituent: Thallium Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

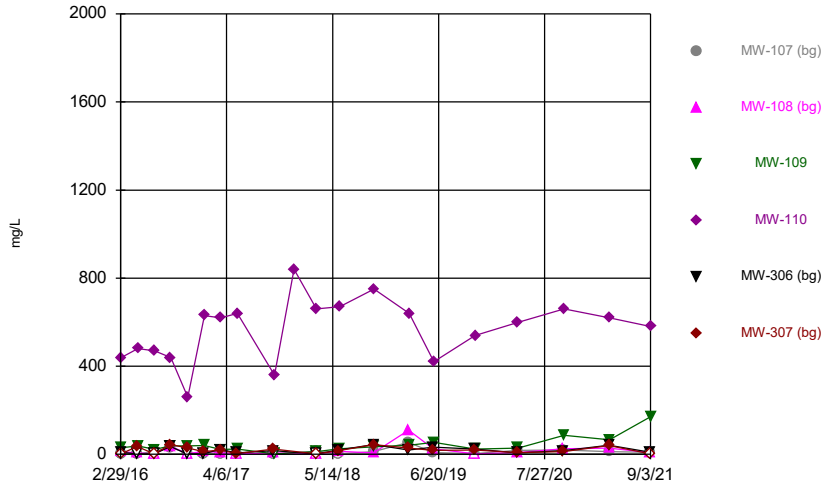
Time Series



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:09 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0015	<0.0015					
3/1/2016			<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
5/2/2016	<0.0015						
5/4/2016		<0.0015					<0.0015
5/5/2016			<0.0015	<0.0015	<0.0015	<0.0015	
7/5/2016	<0.0015						
7/7/2016			<0.0015	<0.0015	<0.0015	<0.0015	
7/8/2016		<0.0015					<0.0015
9/6/2016	<0.0015	<0.0015	<0.0015				
9/7/2016				<0.0015	<0.0015	<0.0015	<0.0015
11/7/2016	<0.0015						
11/9/2016					<0.0015	<0.0015	<0.0015
11/10/2016		<0.0015	<0.0015	<0.0015			
1/9/2017	<0.0015						
1/11/2017		<0.0015			<0.0015	<0.0015	<0.0015
1/12/2017			<0.0015	<0.0015			
3/13/2017	<0.0015						
3/14/2017		<0.0015			<0.0015	<0.0015	<0.0015
3/15/2017			<0.0015	<0.0015			
5/15/2017	<0.0015						
5/18/2017		<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
3/12/2018	<0.0015						
3/14/2018		<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
6/5/2018	<0.0015						
6/10/2018		<0.0015			<0.0015	<0.0015	<0.0015
6/11/2018			<0.0015	<0.0015			
10/16/2018	<0.0015						
10/18/2018		<0.0015					
2/27/2019	<0.0015	<0.0015					
3/1/2019					<0.0015	<0.0015	<0.0015
3/2/2019			<0.0015	<0.0015			
4/16/2020	<0.0015	<0.0015					
4/17/2020				<0.0015			<0.0015
4/18/2020			<0.0015		<0.0015	<0.0015	
10/7/2020	<0.0015	<0.0015					
10/8/2020			<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
3/29/2021	<0.0015	<0.0015					
3/30/2021			<0.0015	<0.0015		<0.0015	<0.0015
3/31/2021					<0.0015		
9/2/2021	<0.0015	<0.0015					
9/3/2021					<0.0015	<0.0015	<0.0015
9/7/2021			<0.0015	<0.0015			

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0015	<0.0015				
3/1/2016					<0.0015	<0.0015
3/2/2016			<0.0015	<0.0015		
5/2/2016	<0.0015	<0.0015				<0.0015
5/3/2016					<0.0015	
5/5/2016			<0.0015	<0.0015		
7/5/2016	<0.0015	<0.0015			<0.0015	<0.0015
7/7/2016			<0.0015	<0.0015		
9/6/2016	<0.0015	<0.0015			<0.0015	<0.0015
9/7/2016			<0.0015	<0.0015		
11/7/2016	<0.0015	<0.0015			<0.0015	<0.0015
11/10/2016			<0.0015	<0.0015		
1/9/2017	<0.0015	<0.0015			<0.0015	<0.0015
1/12/2017			<0.0015	<0.0015		
3/13/2017	<0.0015	<0.0015			<0.0015	<0.0015
3/14/2017			<0.0015			
3/15/2017				<0.0015		
5/15/2017	<0.0015	<0.0015			<0.0015	<0.0015
5/18/2017			<0.0015	<0.0015		
3/12/2018	<0.0015	<0.0015			<0.0015	<0.0015
3/14/2018			<0.0015	<0.0015		
6/5/2018	<0.0015	<0.0015				
6/6/2018					<0.0015	<0.0015
6/11/2018			<0.0015	<0.0015		
10/16/2018	<0.0015	<0.0015				
10/17/2018					<0.0015	<0.0015
2/27/2019	<0.0015	<0.0015			<0.0015	<0.0015
3/1/2019			<0.0015	<0.0015		
4/16/2020	<0.0015	<0.0015			<0.0015	<0.0015
4/17/2020			<0.0015	<0.0015		
10/7/2020	<0.0015	<0.0015			<0.0015	<0.0015
10/9/2020			<0.0015	<0.0015		
3/29/2021	<0.0015	<0.0015			<0.0015	<0.0015
3/31/2021			<0.0015	<0.0015		
9/2/2021	<0.0015	<0.0015			<0.0015	<0.0015
9/3/2021			<0.0015	<0.0015		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00039	<0.00039					
3/1/2016			<0.00039	<0.00039	0.0085	0.0039 (J)	<0.00039
5/2/2016	<0.00039						
5/4/2016		<0.00039					<0.00039
5/5/2016			<0.00039	<0.00039	0.0077	0.0039	
7/5/2016	<0.00039						
7/7/2016			<0.00039	<0.00039	0.0082	0.0037	
7/8/2016		<0.00039					<0.00039
9/6/2016	<0.00039	<0.00039	<0.00039				
9/7/2016				<0.00039	0.012	0.0032	<0.00039
11/7/2016	<0.00039						
11/9/2016					0.0071	0.0038	<0.00039
11/10/2016		<0.00039	0.0005 (J)	0.00051 (J)			
1/9/2017	<0.00039						
1/11/2017		<0.00039			0.0071	0.0035	<0.00039
1/12/2017			<0.00039	<0.00039			
3/13/2017	0.00069 (J)						
3/14/2017		<0.00039			0.0067	0.0036	<0.00039
3/15/2017			<0.00039	<0.00039			
5/15/2017	<0.00039						
5/18/2017		<0.00039	<0.00039	<0.00039	0.0087	0.0036	<0.00039
3/12/2018	<0.00039						
3/14/2018		<0.00039	<0.00039	<0.00039	0.0027	0.0039	<0.00039
6/5/2018	<0.00039						
6/10/2018		0.00046 (J)			0.0047	0.0034	<0.00039
6/11/2018			<0.00039	<0.00039			
10/16/2018	<0.00039						
10/18/2018		<0.00039		<0.00039	0.0019	0.0044	<0.00039
10/19/2018			<0.00039				
2/27/2019	<0.00039	<0.00039					
3/1/2019					<0.00039	0.0047	<0.00039
3/2/2019			<0.00039	<0.00039			
5/31/2019	<0.00039	<0.00039					
6/3/2019			<0.00039		0.003	0.0045	<0.00039
6/11/2019				<0.00039			
11/6/2019	0.0002 (J)	0.00019 (J)					
11/7/2019				0.00019 (J)	8.9E-05 (J)		
11/9/2019			<0.00039			0.0045	<0.00039
4/16/2020	<0.00039	<0.00039					
4/17/2020				<0.00039			<0.00039
4/18/2020			<0.00039		0.0014	0.0054	
10/7/2020	<0.00039	0.00056 (J)					
10/8/2020			<0.00039	0.0021	0.0019	0.0046	<0.00039
3/29/2021	<0.00039	0.00078					
3/30/2021			<0.00039	<0.00039		0.0082	<0.00039
3/31/2021					0.00048		
9/2/2021	0.00059	<0.00039					
9/3/2021					0.00084	0.0096	<0.00039
9/7/2021			<0.00039	<0.00039			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00039	<0.00039				
3/1/2016					<0.00039	0.00038 (J)
3/2/2016			<0.00039	<0.00039		
5/2/2016	<0.00039	<0.00039				0.00073 (J)
5/3/2016					<0.00039	
5/5/2016			<0.00039	0.00061 (J)		
7/5/2016	<0.00039	<0.00039			<0.00039	0.00077 (J)
7/7/2016			<0.00039	<0.00039		
9/6/2016	<0.00039	<0.00039			<0.00039	0.0013
9/7/2016			<0.00039	<0.00039		
11/7/2016	<0.00039	<0.00039			<0.00039	<0.00039
11/10/2016			<0.00039	0.00047 (J)		
1/9/2017	<0.00039	<0.00039			<0.00039	0.00053 (J)
1/12/2017			<0.00039	<0.00039		
3/13/2017	<0.00039	0.00069 (J)			<0.00039	<0.00039
3/14/2017			<0.00039			
3/15/2017				<0.00039		
5/15/2017	<0.00039	<0.00039			<0.00039	<0.00039
5/18/2017			<0.00039	0.00051 (J)		
3/12/2018	<0.00039	<0.00039			<0.00039	<0.00039
3/14/2018			<0.00039	0.00056 (J)		
6/5/2018	<0.00039	<0.00039				
6/6/2018					<0.00039	<0.00039
6/11/2018			<0.00039	0.0005 (J)		
10/16/2018	<0.00039	<0.00039				
10/17/2018					<0.00039	<0.00039
10/18/2018			<0.00039	<0.00039		
2/27/2019	<0.00039	<0.00039			<0.00039	<0.00039
3/1/2019			<0.00039	<0.00039		
5/31/2019	<0.00039	<0.00039			<0.00039	<0.00039
6/3/2019			<0.00039	<0.00039		
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	<0.00039	<0.00039			<0.00039	<0.00039
4/17/2020			<0.00039	0.00012 (J)		
10/7/2020	<0.00039	<0.00039			0.00064 (J)	<0.00039
10/9/2020			<0.00039	<0.00039		
3/29/2021	<0.00039	0.00054			<0.00039	0.00042
3/31/2021			0.0011	<0.00039		
9/2/2021	<0.00039	<0.00039			<0.00039	<0.00039
9/3/2021			0.00048	0.00063		

Time Series

Constituent: Barium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	
10/7/2020	0.02	0.0088					
10/8/2020			0.0086	0.037	0.022	0.028	0.0099
3/29/2021	0.019	0.0097					
3/30/2021			0.0096	0.033		0.028	0.011
3/31/2021					0.023		
9/2/2021	0.02	0.0089					
9/3/2021					0.02	0.029	0.011
9/7/2021			0.0095	0.03			

Time Series

Constituent: Barium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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		
10/7/2020	0.012	0.011			0.013	0.016
10/9/2020			0.026	0.026		
3/29/2021	0.011	0.011			0.013	0.017
3/31/2021			0.027	0.025		
9/2/2021	0.012	0.011			0.012	0.017
9/3/2021			0.032	0.036		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00017	<0.00017					
3/1/2016			<0.00017	<0.00017	0.0013 (J)	<0.00017	<0.00017
5/2/2016	<0.00017						
5/4/2016		<0.00017					<0.00017
5/5/2016			<0.00017	<0.00017	0.00088 (J)	<0.00017	
7/5/2016	<0.00017						
7/7/2016			<0.00017	<0.00017	0.001 (J)	<0.00017	
7/8/2016		<0.00017					<0.00017
9/6/2016	<0.00017	<0.00017	<0.00017				
9/7/2016				<0.00017	0.00078 (J)	<0.00017	<0.00017
11/7/2016	<0.00017						
11/9/2016					0.0012 (J)	<0.00017	<0.00017
11/10/2016		<0.00017	<0.00017	<0.00017			
1/9/2017	<0.00017						
1/11/2017		<0.00017			0.0014 (J)	<0.00017	<0.00017
1/12/2017			<0.00017	<0.00017			
3/13/2017	<0.00017						
3/14/2017		<0.00017			0.0013 (J)	<0.00017	<0.00017
3/15/2017			<0.00017	<0.00017			
5/15/2017	<0.00017						
5/18/2017		<0.00017	<0.00017	<0.00017	0.0016 (J)	<0.00017	<0.00017
3/12/2018	<0.00017						
3/14/2018		<0.00017	<0.00017	<0.00017	0.0011 (J)	<0.00017	<0.00017
6/5/2018	<0.00017						
6/10/2018		<0.00017			0.0011 (J)	<0.00017	<0.00017
6/11/2018			<0.00017	<0.00017			
10/16/2018	<0.00017						
10/18/2018		<0.00017		<0.00017	0.00084 (J)	<0.00017	<0.00017
10/19/2018			<0.00017				
2/27/2019	<0.00017	<0.00017					
3/1/2019					0.00057 (J)	<0.00017	<0.00017
3/2/2019			<0.00017	<0.00017			
5/31/2019	<0.00017	<0.00017					
6/3/2019			<0.00017		0.00074 (J)	<0.00017	<0.00017
6/11/2019				<0.00017			
11/6/2019	9E-05 (J)	4.7E-05 (J)					
11/7/2019				<0.00017	0.00065		
11/9/2019			<0.00017			<0.00017	<0.00017
4/16/2020	5.4E-05 (J)	4.3E-05 (J)					
4/17/2020				<0.00017			<0.00017
4/18/2020			0.00011 (J)		0.00096	<0.00017	
10/7/2020	0.0014 (J)	0.0014 (J)					
10/8/2020			<0.00017	<0.00017	0.00039 (J)	<0.00017	<0.00017
3/29/2021	<0.00017	<0.00017					
3/30/2021			<0.00017	<0.00017		<0.00017	<0.00017
3/31/2021					0.0007		
9/2/2021	<0.00017	<0.00017					
9/3/2021					0.00076	<0.00017	<0.00017
9/7/2021			<0.00017	<0.00017			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00017	<0.00017				
3/1/2016					<0.00017	<0.00017
3/2/2016			<0.00017	<0.00017		
5/2/2016	<0.00017	<0.00017				<0.00017
5/3/2016					<0.00017	
5/5/2016			<0.00017	<0.00017		
7/5/2016	<0.00017	<0.00017			<0.00017	<0.00017
7/7/2016			<0.00017	<0.00017		
9/6/2016	<0.00017	<0.00017			<0.00017	<0.00017
9/7/2016			<0.00017	<0.00017		
11/7/2016	<0.00017	<0.00017			<0.00017	<0.00017
11/10/2016			<0.00017	<0.00017		
1/9/2017	<0.00017	<0.00017			<0.00017	<0.00017
1/12/2017			<0.00017	<0.00017		
3/13/2017	<0.00017	<0.00017			<0.00017	<0.00017
3/14/2017			<0.00017			
3/15/2017				<0.00017		
5/15/2017	<0.00017	<0.00017			<0.00017	<0.00017
5/18/2017			<0.00017	<0.00017		
3/12/2018	<0.00017	<0.00017			<0.00017	<0.00017
3/14/2018			<0.00017	<0.00017		
6/5/2018	<0.00017	<0.00017				
6/6/2018					<0.00017	<0.00017
6/11/2018			<0.00017	<0.00017		
10/16/2018	<0.00017	<0.00017				
10/17/2018					<0.00017	<0.00017
10/18/2018			<0.00017	<0.00017		
2/27/2019	<0.00017	<0.00017			<0.00017	<0.00017
3/1/2019			<0.00017	<0.00017		
5/31/2019	<0.00017	<0.00017			<0.00017	<0.00017
6/3/2019			<0.00017	<0.00017		
11/6/2019	6.6E-05 (J)	<0.00017			<0.00017	<0.00017
11/7/2019			<0.00017	8.4E-05 (J)		
4/16/2020	6.1E-05 (J)	<0.00017			<0.00017	<0.00017
4/17/2020			4.4E-05 (J)	0.00013 (J)		
10/7/2020	0.0015 (J)	0.0015 (J)			0.0014 (J)	0.0014 (J)
10/9/2020			<0.00017	<0.00017		
3/29/2021	<0.00017	<0.00017			<0.00017	<0.00017
3/31/2021			<0.00017	<0.00017		
9/2/2021	<0.00017	<0.00017			<0.00017	<0.00017
9/3/2021			<0.00017	<0.00017		

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.018	<0.018					
3/1/2016			<0.018	<0.018 (*)	8.7	<0.018 (*)	<0.018
5/2/2016	<0.018						
5/4/2016		<0.018					<0.018 (*)
5/5/2016			<0.018	<0.018 (*)	7.8	<0.018 (*)	
7/5/2016	<0.018						
7/7/2016			<0.018	0.33	7	1	
7/8/2016		<0.018					<0.018
9/6/2016	<0.018	<0.018	<0.018				
9/7/2016				0.37	12	0.53	0.022 (J)
11/7/2016	<0.018						
11/9/2016					9.6	1.6	<0.018
11/10/2016		<0.018	<0.018	0.43			
1/9/2017	<0.018						
1/11/2017		<0.018			11	0.9	<0.018
1/12/2017			<0.018	0.44			
3/13/2017	<0.018						
3/14/2017		<0.018			10	0.63	0.071
3/15/2017			<0.018	0.46			
5/15/2017	<0.018						
5/18/2017		<0.018	<0.018	0.44	15	1.5	<0.018 (*)
10/2/2017	<0.018						
10/5/2017		<0.018			12	0.32	<0.018
10/6/2017			<0.018	0.37			
12/19/2017				0.35 (R)	11 (R)	1.6 (R)	
3/12/2018	<0.018						
3/14/2018		<0.018	<0.018	0.32	11	0.7	<0.018
6/5/2018	<0.018						
6/10/2018		<0.018			12	2.4	0.066
6/11/2018			<0.018	0.26			
10/16/2018	<0.018						
10/18/2018		0.081		0.25	9.6	0.43	0.067
10/19/2018			0.34				
2/27/2019	<0.018	<0.018					
3/1/2019					6.5	0.4	0.048 (J)
3/2/2019			<0.018	<0.018			
5/31/2019	<0.018	<0.018					
6/3/2019			0.17		11	1.7	<0.018
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	
10/7/2020	<0.018	<0.018					
10/8/2020			0.033 (J)	0.31	12	0.37	0.031 (J)
3/29/2021	<0.018	<0.018					
3/30/2021			<0.018	0.23		0.22	<0.018
3/31/2021					8.9		
9/2/2021	0.021	<0.018					
9/3/2021					8.7	0.2	0.021

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<0.018	0.19			

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.018	<0.018				
3/1/2016					<0.018	<0.018
3/2/2016			<0.018 (*)	3		
5/2/2016	<0.018	<0.018				<0.018
5/3/2016					<0.018	
5/5/2016			<0.018 (*)	2.9		
7/5/2016	<0.018	<0.018			<0.018	<0.018
7/7/2016			0.1	3		
9/6/2016	<0.018	<0.018			<0.018	<0.018
9/7/2016			0.073	3.8		
11/7/2016	<0.018	<0.018			<0.018	<0.018
11/10/2016			0.073	2.1		
1/9/2017	<0.018	<0.018			<0.018	<0.018
1/12/2017			0.059	4		
3/13/2017	<0.018	0.022 (J)			<0.018	<0.018
3/14/2017			0.044 (J)			
3/15/2017				4.2		
5/15/2017	<0.018	<0.018			<0.018	<0.018
5/18/2017			<0.018 (*)	4.4		
10/2/2017	<0.018	0.023 (J)			<0.018	<0.018
10/5/2017			0.047 (J)			
10/6/2017				2.3		
12/19/2017				5.3 (R)		
3/12/2018	<0.018	<0.018			<0.018	<0.018
3/14/2018			<0.018	4.6		
6/5/2018	<0.018	<0.018				
6/6/2018					<0.018	<0.018
6/11/2018			0.11	4.2		
10/16/2018	<0.018	<0.018				
10/17/2018					<0.018	<0.018
10/18/2018			0.15	4.3		
2/27/2019	<0.018	<0.018			<0.018	<0.018
3/1/2019			0.23	3.8		
5/31/2019	<0.018	<0.018			<0.018	<0.018
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		
10/7/2020	<0.018	<0.018			<0.018	<0.018
10/9/2020			0.37	4.8		
3/29/2021	<0.018	<0.018			<0.018	<0.018
3/31/2021			0.2	3.8		
9/2/2021	0.018	0.022			<0.018	<0.018
9/3/2021			0.77	3.3		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00028	<0.00028					
3/1/2016			<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
5/2/2016	<0.00028						
5/4/2016		<0.00028					<0.00028
5/5/2016			<0.00028	<0.00028	<0.00028	<0.00028	
7/5/2016	<0.00028						
7/7/2016			<0.00028	<0.00028	<0.00028	<0.00028	
7/8/2016		<0.00028					<0.00028
9/6/2016	<0.00028	<0.00028	<0.00028				
9/7/2016				<0.00028	<0.00028	<0.00028	<0.00028
11/7/2016	<0.00028						
11/9/2016					<0.00028	<0.00028	<0.00028
11/10/2016		<0.00028	<0.00028	<0.00028			
1/9/2017	<0.00028						
1/11/2017		<0.00028			0.00049 (J)	<0.00028	<0.00028
1/12/2017			<0.00028	<0.00028			
3/13/2017	<0.00028						
3/14/2017		<0.00028			<0.00028	<0.00028	<0.00028
3/15/2017			<0.00028	<0.00028			
5/15/2017	<0.00028						
5/18/2017		<0.00028	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
3/12/2018	<0.00028						
3/14/2018		<0.00028	<0.00028	<0.00028	0.00052 (J)	<0.00028	<0.00028
6/5/2018	<0.00028						
6/10/2018		<0.00028			0.00049 (J)	<0.00028	<0.00028
6/11/2018			<0.00028	<0.00028			
10/16/2018	<0.00028						
10/18/2018		<0.00028		<0.00028	0.00044 (J)	<0.00028	<0.00028
10/19/2018			<0.00028				
2/27/2019	<0.00028	<0.00028					
3/1/2019					0.00038 (J)	<0.00028	<0.00028
3/2/2019			<0.00028	<0.00028			
5/31/2019	<0.00028	<0.00028					
6/3/2019			<0.00028		0.0006 (J)	<0.00028	<0.00028
6/11/2019				<0.00028			
11/6/2019	<0.00028	<0.00028					
11/7/2019				<0.00028	0.00075		
11/9/2019			<0.00028			<0.00028	<0.00028
4/16/2020	<0.00028	<0.00028					
4/17/2020				<0.00028			<0.00028
4/18/2020			<0.00028		0.00037 (J)	<0.00028	
10/7/2020	<0.00028	<0.00028					
10/8/2020			<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
3/29/2021	<0.00028	<0.00028					
3/30/2021			<0.00028	<0.00028		<0.00028	<0.00028
3/31/2021					0.00056		
9/2/2021	<0.00028	<0.00028					
9/3/2021					0.00061	<0.00028	<0.00028
9/7/2021			<0.00028	<0.00028			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00028	<0.00028				
3/1/2016					<0.00028	<0.00028
3/2/2016			<0.00028	<0.00028		
5/2/2016	<0.00028	<0.00028				<0.00028
5/3/2016					<0.00028	
5/5/2016			<0.00028	<0.00028		
7/5/2016	<0.00028	<0.00028			<0.00028	<0.00028
7/7/2016			<0.00028	<0.00028		
9/6/2016	<0.00028	<0.00028			<0.00028	<0.00028
9/7/2016			<0.00028	<0.00028		
11/7/2016	<0.00028	<0.00028			<0.00028	<0.00028
11/10/2016			<0.00028	<0.00028		
1/9/2017	<0.00028	<0.00028			<0.00028	<0.00028
1/12/2017			<0.00028	<0.00028		
3/13/2017	<0.00028	<0.00028			<0.00028	<0.00028
3/14/2017			<0.00028			
3/15/2017				<0.00028		
5/15/2017	<0.00028	<0.00028			<0.00028	<0.00028
5/18/2017			<0.00028	<0.00028		
3/12/2018	<0.00028	<0.00028			<0.00028	<0.00028
3/14/2018			<0.00028	<0.00028		
6/5/2018	<0.00028	<0.00028				
6/6/2018					<0.00028	<0.00028
6/11/2018			<0.00028	<0.00028		
10/16/2018	<0.00028	<0.00028				
10/17/2018					<0.00028	<0.00028
10/18/2018			<0.00028	<0.00028		
2/27/2019	<0.00028	<0.00028			<0.00028	<0.00028
3/1/2019			<0.00028	<0.00028		
5/31/2019	<0.00028	<0.00028			<0.00028	<0.00028
6/3/2019			<0.00028	<0.00028		
11/6/2019	<0.00028	<0.00028			<0.00028	<0.00028
11/7/2019			7.8E-05 (J)	0.00032 (J)		
4/16/2020	<0.00028	<0.00028			<0.00028	<0.00028
4/17/2020			<0.00028	0.00011 (J)		
10/7/2020	<0.00028	<0.00028			<0.00028	<0.00028
10/9/2020			<0.00028	<0.00028		
3/29/2021	<0.00028	<0.00028			<0.00028	<0.00028
3/31/2021			<0.00028	<0.00028		
9/2/2021	<0.00028	<0.00028			<0.00028	<0.00028
9/3/2021			<0.00028	<0.00028		

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	
10/7/2020	0.93	0.47					
10/8/2020			0.67	3.7	59	50	0.51
3/29/2021	1	0.43					
3/30/2021			0.47	3.6		68	0.49
3/31/2021					74		
9/2/2021	1.1	0.63					
9/3/2021					63	59	0.51

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			0.39	3.5			

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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		
10/7/2020	0.43	1.6			0.63	0.67
10/9/2020			5.9	31		
3/29/2021	0.46	1.6			0.68	0.75
3/31/2021			3.3	23		
9/2/2021	0.47	1.5			0.56	0.73
9/3/2021			8.4	21		

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	
10/7/2020	6.6	5.9					
10/8/2020			6.4	18	95	26	5
3/29/2021	10	5.8					
3/30/2021			6.4	12		18	5
3/31/2021					120		
9/2/2021	5.8	5.1					
9/3/2021					110	10	4.4

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			6.1	12			

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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		
10/7/2020	5.7	5.1			6.1	4.7
10/9/2020			22	100		
3/29/2021	5.2	5			6.2	5.4
3/31/2021			18	110		
9/2/2021	5.1	5.2			5.9	5.1
9/3/2021			57	100		

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.001	0.0023 (J)	<0.001
5/2/2016	0.0029						
5/4/2016		<0.001					<0.001
5/5/2016			<0.001	<0.001	0.0014 (J)	<0.001	
7/5/2016	<0.001						
7/7/2016			<0.001	<0.001	0.0014 (J)	0.002 (J)	
7/8/2016		<0.001					<0.001
9/6/2016	<0.001	<0.001	<0.001				
9/7/2016				<0.001	0.0019 (J)	0.0029	<0.001
11/7/2016	<0.001						
11/9/2016					0.0023 (J)	0.0025	<0.001
11/10/2016		<0.001	<0.001	<0.001			
1/9/2017	<0.001						
1/11/2017		<0.001			0.0024 (J)	0.002 (J)	<0.001
1/12/2017			<0.001	<0.001			
3/13/2017	<0.001						
3/14/2017		<0.001			0.0023 (J)	0.0025	<0.001
3/15/2017			<0.001	<0.001			
5/15/2017	<0.001						
5/18/2017		<0.001	<0.001	<0.001	0.0023 (J)	0.002 (J)	<0.001
3/12/2018	<0.001						
3/14/2018		<0.001	<0.001	<0.001	0.0023 (J)	0.0022 (J)	<0.001
6/5/2018	<0.001						
6/10/2018		<0.001			0.0022 (J)	0.002 (J)	<0.001
6/11/2018			<0.001	<0.001			
10/16/2018	<0.001						
10/18/2018		<0.001		<0.001	0.0016 (J)	0.0029	<0.001
10/19/2018			<0.001				
2/27/2019	<0.001	<0.001					
3/1/2019					<0.001	0.0026	<0.001
3/2/2019			0.0028	0.0052			
5/31/2019	<0.001	<0.001					
6/3/2019			<0.001		0.0015 (J)	0.0022 (J)	<0.001
6/11/2019				0.0011 (J)			
11/6/2019	<0.001	<0.001					
11/7/2019				0.00028 (J)	<0.001		
11/9/2019			0.00037 (J)			0.0022 (J)	<0.001
4/16/2020	<0.001	<0.001					
4/17/2020				0.00026 (J)			<0.001
4/18/2020			<0.001		0.0016	0.0029	
10/7/2020	<0.001	0.0046					
10/8/2020			<0.001	<0.001	0.0031	0.0028	0.0019 (J)
3/29/2021	<0.001	0.0024					
3/30/2021			<0.001	<0.001		0.0015	<0.001
3/31/2021					<0.001		
9/2/2021	0.0014	<0.001					
9/3/2021					0.0025	0.0011	<0.001
9/7/2021			0.0012	0.0088			

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	0.00056 (J)
3/2/2016			<0.001	<0.001		
5/2/2016	0.0019 (J)	0.0034				0.0021 (J)
5/3/2016					0.0012 (J)	
5/5/2016			<0.001	<0.001		
7/5/2016	0.0051	0.0059			<0.001	<0.001
7/7/2016			<0.001	<0.001		
9/6/2016	<0.001	<0.001			<0.001	<0.001
9/7/2016			<0.001	<0.001		
11/7/2016	<0.001	<0.001			<0.001	<0.001
11/10/2016			<0.001	<0.001		
1/9/2017	0.017 (o)	<0.001			<0.001	<0.001
1/12/2017			<0.001	<0.001		
3/13/2017	<0.001	<0.001			<0.001	<0.001
3/14/2017			<0.001			
3/15/2017				<0.001		
5/15/2017	<0.001	<0.001			<0.001	<0.001
5/18/2017			<0.001	<0.001		
3/12/2018	<0.001	<0.001			<0.001	<0.001
3/14/2018			<0.001	<0.001		
6/5/2018	<0.001	<0.001				
6/6/2018					<0.001	<0.001
6/11/2018			<0.001	<0.001		
10/16/2018	<0.001	<0.001				
10/17/2018					<0.001	<0.001
10/18/2018			<0.001	<0.001		
2/27/2019	<0.001	<0.001			<0.001	<0.001
3/1/2019			<0.001	<0.001		
5/31/2019	<0.001	<0.001			<0.001	<0.001
6/3/2019			<0.001	<0.001		
11/6/2019	<0.001	<0.001			<0.001	<0.001
11/7/2019			<0.001	0.00042 (J)		
4/16/2020	<0.001	<0.001			<0.001	<0.001
4/17/2020			<0.001	0.0004 (J)		
10/7/2020	0.001 (J)	0.0015 (J)			0.0033	0.0017 (J)
10/9/2020			<0.001	0.0016 (J)		
3/29/2021	<0.001	<0.001			<0.001	<0.001
3/31/2021			0.016	<0.001		
9/2/2021	<0.001	<0.001			<0.001	<0.001
9/3/2021			<0.001	<0.001		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	0.00039 (J)	<0.00056					
3/1/2016			<0.00056	0.001 (J)	0.017	<0.00056	0.0007 (J)
5/2/2016	0.0013 (J)						
5/4/2016		<0.00056					0.001 (J)
5/5/2016			<0.00056	0.00064 (J)	0.012	<0.00056	
7/5/2016	0.00049 (J)						
7/7/2016			<0.00056	<0.00056	0.012	<0.00056	
7/8/2016		<0.00056					0.00057 (J)
9/6/2016	0.00062 (J)	0.00042 (J)	<0.00056				
9/7/2016				0.00044 (J)	0.018	<0.00056	0.00061 (J)
11/7/2016	0.00049 (J)						
11/9/2016					0.022	<0.00056	0.00055 (J)
11/10/2016		<0.00056	<0.00056	<0.00056			
1/9/2017	0.00045 (J)						
1/11/2017		<0.00056			0.025	<0.00056	0.00045 (J)
1/12/2017			<0.00056	<0.00056			
3/13/2017	0.00048 (J)						
3/14/2017		<0.00056			0.019	<0.00056	0.00059 (J)
3/15/2017			<0.00056	<0.00056			
5/15/2017	0.00052 (J)						
5/18/2017		<0.00056	<0.00056	<0.00056	0.023	<0.00056	0.00059 (J)
3/12/2018	0.00055 (J)						
3/14/2018		<0.00056	<0.00056	<0.00056	0.014	<0.00056	0.00044 (J)
6/5/2018	0.00051 (J)						
6/10/2018		<0.00056			0.029	<0.00056	0.0004 (J)
6/11/2018			<0.00056	<0.00056			
10/16/2018	0.00058 (J)						
10/18/2018		<0.00056		<0.00056	0.016	<0.00056	<0.00056
10/19/2018			<0.00056				
2/27/2019	0.00065 (J)	<0.00056					
3/1/2019					0.009	<0.00056	<0.00056
3/2/2019			<0.00056	0.00041 (J)			
5/31/2019	0.00046 (J)	<0.00056					
6/3/2019			<0.00056		0.015	<0.00056	<0.00056
6/11/2019				<0.00056			
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)	
10/7/2020	0.0006 (J)	<0.00056					
10/8/2020			<0.00056	<0.00056	0.017	<0.00056	<0.00056
3/29/2021	0.00059	<0.00056					
3/30/2021			<0.00056	<0.00056		<0.00056	<0.00056
3/31/2021					0.018		
9/2/2021	0.00069	<0.00056					
9/3/2021					0.018	<0.00056	<0.00056
9/7/2021			<0.00056	<0.00056			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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			<0.00056	0.00055 (J)
7/7/2016			0.0043	0.0041		
9/6/2016	0.00062 (J)	<0.00056			0.00094 (J)	0.00057 (J)
9/7/2016			0.0049	0.0047		
11/7/2016	0.00058 (J)	<0.00056			0.00041 (J)	0.00047 (J)
11/10/2016			0.004	0.0043		
1/9/2017	0.00059 (J)	<0.00056			0.00074 (J)	0.00054 (J)
1/12/2017			0.0045	0.0048		
3/13/2017	0.0005 (J)	<0.00056			0.00091 (J)	0.0004 (J)
3/14/2017			0.0039			
3/15/2017				0.0066		
5/15/2017	0.00046 (J)	<0.00056			0.00075 (J)	0.00046 (J)
5/18/2017			0.005	0.0065		
3/12/2018	0.00055 (J)	<0.00056			0.00044 (J)	<0.00056
3/14/2018			0.0038	0.012		
6/5/2018	0.00052 (J)	<0.00056				
6/6/2018					0.0004 (J)	0.00048 (J)
6/11/2018			0.0044	0.0096		
10/16/2018	0.00045 (J)	<0.00056				
10/17/2018					<0.00056	0.00043 (J)
10/18/2018			0.0036	0.025		
2/27/2019	0.00056 (J)	<0.00056			<0.00056	0.00045 (J)
3/1/2019			0.0052	0.02		
5/31/2019	<0.00056	<0.00056			<0.00056	<0.00056
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		
10/7/2020	<0.00056	<0.00056			<0.00056	<0.00056
10/9/2020			0.0072	0.015		
3/29/2021	<0.00056	<0.00056			<0.00056	0.00062
3/31/2021			0.0023	0.0091		
9/2/2021	<0.00056	<0.00056			<0.00056	0.00069
9/3/2021			0.015	0.0032		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	
10/7/2020	1.14	1.07					
10/8/2020			1.08	5.59	13.6	2.03	1.49
3/29/2021	1.72	0.561					
3/30/2021			1.46	5.05		3.57	1.8
3/31/2021					21		
9/2/2021	1.65	0.975					
9/3/2021					15.1	1.87	0.866
9/7/2021			1.47	4.59			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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		
10/7/2020	0.763	1.75			0.709 (U)	0.46 (U)
10/9/2020			4	5.63		
3/29/2021	0.708				0.899	0.642
3/30/2021		1.71				
3/31/2021			3.92	5.69		
9/2/2021	1.75	2.13			0.856	0.951
9/3/2021			5.26	4.72		

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	
10/7/2020	4.74	5.08					
10/8/2020			4.87	4.98	4.13	6.29	5.34
3/29/2021	4.79	4.92					
3/30/2021			4.82	5.04		6.31	4.98
3/31/2021					3.7		
9/2/2021	4.81	5.07					
9/3/2021					4.32	6.17	4.85

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			4.62	5.11			

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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		
10/7/2020	4.91	4.8			5.13	5.5
10/9/2020			4.77	4.9		
3/29/2021	4.89	4.8			4.93	5.46
3/31/2021			4.64	4.85		
9/2/2021	4.87	4.77			4.94	5.16
9/3/2021			4.72	6.28		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.032	<0.032					
3/1/2016			<0.032	0.037 (J)	0.46	0.041 (J)	<0.032
5/2/2016	<0.032						
5/4/2016		<0.032					<0.032
5/5/2016			<0.032	<0.032	0.27	<0.032	
7/5/2016	<0.032						
7/7/2016			<0.032	<0.032	0.29	<0.032	
7/8/2016		<0.032					<0.032
9/6/2016	<0.032	<0.032	<0.032				
9/7/2016				<0.032	0.33	<0.032	<0.032
11/7/2016	<0.032						
11/9/2016					0.29	<0.032	<0.032
11/10/2016		<0.032	<0.032	<0.032			
1/9/2017	<0.032						
1/11/2017		<0.032			0.42	<0.032	<0.032
1/12/2017			<0.032	<0.032			
3/13/2017	<0.032						
3/14/2017		<0.032			0.34	<0.032	<0.032
3/15/2017			<0.032	<0.032			
5/15/2017	<0.032						
5/18/2017		<0.032	<0.032	<0.032	0.47	<0.032	<0.032
10/2/2017	<0.032						
10/5/2017		<0.032			0.22	<0.032	<0.032
10/6/2017			<0.032	<0.032			
12/19/2017					0.26 (R)		
3/12/2018	<0.032						
3/14/2018		0.12	<0.032	<0.032	0.3	<0.032	<0.032
6/5/2018	<0.032						
6/10/2018		<0.032			0.38	<0.032	<0.032
6/11/2018			<0.032	<0.032			
10/16/2018	<0.032						
10/18/2018		<0.032		<0.032	0.26	0.04 (J)	<0.032
10/19/2018			<0.032				
2/27/2019	<0.032	<0.032					
3/1/2019					0.1	<0.032	<0.032
3/2/2019			<0.032	<0.032			
5/31/2019	<0.032	<0.032					
6/3/2019			<0.032		0.22	0.04 (J)	<0.032
6/11/2019				<0.032			
11/6/2019	<0.032	<0.032					
11/7/2019				<0.032	0.21		
11/9/2019			<0.032			<0.032	<0.032
4/16/2020	<0.032	<0.032					
4/17/2020				<0.032			<0.032
4/18/2020			<0.032		0.3	0.04 (J)	
10/7/2020	<0.032	<0.032					
10/8/2020			<0.032	0.24	0.26	0.04 (J)	<0.032
3/29/2021	0.06	<0.032					
3/30/2021			<0.032	<0.032		0.04	<0.032
3/31/2021					0.34		
9/2/2021	0.08	0.04					
9/3/2021					0.41	0.07	<0.032

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<0.032	<0.032			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.032	<0.032				
3/1/2016					<0.032	0.033 (J)
3/2/2016			<0.032	0.039 (J)		
5/2/2016	<0.032	<0.032				<0.032
5/3/2016					<0.032	
5/5/2016			<0.032	<0.032		
7/5/2016	<0.032	<0.032			<0.032	<0.032
7/7/2016			<0.032	<0.032		
9/6/2016	<0.032	<0.032			<0.032	<0.032
9/7/2016			<0.032	<0.032		
11/7/2016	<0.032	<0.032			<0.032	<0.032
11/10/2016			<0.032	<0.032		
1/9/2017	<0.032	<0.032			<0.032	<0.032
1/12/2017			<0.032	<0.032		
3/13/2017	<0.032	<0.032			<0.032	<0.032
3/14/2017			<0.032			
3/15/2017				<0.032		
5/15/2017	<0.032	<0.032			<0.032	<0.032
5/18/2017			<0.032	<0.032		
10/2/2017	<0.032	<0.032			<0.032	<0.032
10/5/2017			<0.032			
10/6/2017				<0.032		
3/12/2018	<0.032	<0.032			<0.032	<0.032
3/14/2018			<0.032	<0.032		
6/5/2018	<0.032	<0.032				
6/6/2018					<0.032	<0.032
6/11/2018			<0.032	0.04 (J)		
10/16/2018	<0.032	<0.032				
10/17/2018					<0.032	<0.032
10/18/2018			<0.032	0.04 (J)		
2/27/2019	<0.032	<0.032			<0.032	<0.032
3/1/2019			<0.032	<0.032		
5/31/2019	<0.032	<0.032			<0.032	<0.032
6/3/2019			<0.032	0.04 (J)		
11/6/2019	<0.032	<0.032			<0.032	<0.032
11/7/2019			<0.032	0.04 (J)		
4/16/2020	<0.032	<0.032			<0.032	<0.032
4/17/2020			<0.032	0.04 (J)		
10/7/2020	<0.032	<0.032			<0.032	<0.032
10/9/2020			<0.032	<0.032		
3/29/2021	<0.032	<0.032			<0.032	<0.032
3/31/2021			<0.032	0.04		
9/2/2021	0.1	<0.032			<0.032	0.04
9/3/2021			0.05	0.07		

Time Series

Constituent: Lead (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00029	<0.00029					
3/1/2016			<0.00029	<0.00029	0.0018 (J)	<0.00029	<0.00029
5/2/2016	<0.00029						
5/4/2016		<0.00029					<0.00029
5/5/2016			<0.00029	<0.00029	0.0015	<0.00029	
7/5/2016	<0.00029						
7/7/2016			<0.00029	<0.00029	0.0018	<0.00029	
7/8/2016		<0.00029					<0.00029
9/6/2016	<0.00029	<0.00029	<0.00029				
9/7/2016				<0.00029	0.0024	<0.00029	<0.00029
11/7/2016	<0.00029						
11/9/2016					0.0023	<0.00029	<0.00029
11/10/2016		<0.00029	<0.00029	<0.00029			
1/9/2017	<0.00029						
1/11/2017		<0.00029			0.0027	<0.00029	<0.00029
1/12/2017			<0.00029	<0.00029			
3/13/2017	<0.00029						
3/14/2017		<0.00029			0.0024	<0.00029	<0.00029
3/15/2017			<0.00029	<0.00029			
5/15/2017	<0.00029						
5/18/2017		<0.00029	<0.00029	<0.00029	0.0029	<0.00029	<0.00029
3/12/2018	<0.00029						
3/14/2018		<0.00029	<0.00029	<0.00029	0.0023	<0.00029	<0.00029
6/5/2018	<0.00029						
6/10/2018		<0.00029			0.0024	<0.00029	<0.00029
6/11/2018			<0.00029	<0.00029			
10/16/2018	<0.00029						
10/18/2018		<0.00029		<0.00029	0.002	<0.00029	0.00039 (J)
10/19/2018			<0.00029				
2/27/2019	<0.00029	<0.00029					
3/1/2019					0.0012 (J)	<0.00029	<0.00029
3/2/2019			<0.00029	<0.00029			
5/31/2019	<0.00029	<0.00029					
6/3/2019			<0.00029		0.0018	0.00091 (J)	<0.00029
6/11/2019				<0.00029			
11/6/2019	0.0001 (J)	<0.00029					
11/7/2019				0.00011 (J)	0.002		
11/9/2019			0.00014 (J)			0.00012 (J)	<0.00029
4/16/2020	6.6E-05 (J)	<0.00029					
4/17/2020				<0.00029			<0.00029
4/18/2020			0.00018 (J)		0.0024	<0.00029	
10/7/2020	<0.00029	<0.00029					
10/8/2020			<0.00029	<0.00029	0.0019	<0.00029	<0.00029
3/29/2021	<0.00029	<0.00029					
3/30/2021			<0.00029	<0.00029		<0.00029	<0.00029
3/31/2021					0.0022		
9/2/2021	<0.00029	<0.00029					
9/3/2021					0.002	<0.00029	<0.00029
9/7/2021			<0.00029	<0.00029			

Time Series

Constituent: Lead (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00029	<0.00029				
3/1/2016					<0.00029	<0.00029
3/2/2016			<0.00029	<0.00029		
5/2/2016	<0.00029	<0.00029				<0.00029
5/3/2016					<0.00029	
5/5/2016			<0.00029	<0.00029		
7/5/2016	<0.00029	<0.00029			<0.00029	<0.00029
7/7/2016			<0.00029	<0.00029		
9/6/2016	<0.00029	<0.00029			<0.00029	<0.00029
9/7/2016			<0.00029	<0.00029		
11/7/2016	<0.00029	<0.00029			<0.00029	<0.00029
11/10/2016			<0.00029	<0.00029		
1/9/2017	<0.00029	<0.00029			<0.00029	<0.00029
1/12/2017			<0.00029	<0.00029		
3/13/2017	<0.00029	<0.00029			<0.00029	<0.00029
3/14/2017			<0.00029			
3/15/2017				<0.00029		
5/15/2017	<0.00029	<0.00029			<0.00029	<0.00029
5/18/2017			<0.00029	<0.00029		
3/12/2018	<0.00029	<0.00029			<0.00029	<0.00029
3/14/2018			<0.00029	<0.00029		
6/5/2018	<0.00029	<0.00029				
6/6/2018					<0.00029	<0.00029
6/11/2018			<0.00029	<0.00029		
10/16/2018	<0.00029	<0.00029				
10/17/2018					<0.00029	<0.00029
10/18/2018			<0.00029	<0.00029		
2/27/2019	0.001 (J)	<0.00029			<0.00029	<0.00029
3/1/2019			<0.00029	<0.00029		
5/31/2019	<0.00029	<0.00029			<0.00029	<0.00029
6/3/2019			0.00067 (J)	0.00037 (J)		
11/6/2019	6.6E-05 (J)	8.4E-05 (J)			<0.00029	0.0002 (J)
11/7/2019			9.4E-05 (J)	0.0003 (J)		
4/16/2020	<0.00029	<0.00029			<0.00029	0.00016 (J)
4/17/2020			0.00011 (J)	0.00033		
10/7/2020	<0.00029	<0.00029			<0.00029	<0.00029
10/9/2020			0.0012 (J)	0.0003 (J)		
3/29/2021	<0.00029	<0.00029			<0.00029	<0.00029
3/31/2021			<0.00029	0.0004		
9/2/2021	<0.00029	<0.00029			<0.00029	<0.00029
9/3/2021			<0.00029	<0.00029		

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0019	<0.0019					
3/1/2016			<0.0019	<0.0019	0.057	<0.0019	<0.0019
5/2/2016	<0.0019						
5/4/2016		<0.0019					<0.0019
5/5/2016			<0.0019	<0.0019	0.044	<0.0019	
7/5/2016	<0.0019						
7/7/2016			<0.0019	<0.0019	0.04	<0.0019	
7/8/2016		<0.0019					<0.0019
9/6/2016	<0.0019	0.0037 (J)	<0.0019				
9/7/2016				<0.0019	0.033	<0.0019	0.0073
11/7/2016	<0.0019						
11/9/2016					0.035	<0.0019	<0.0019
11/10/2016		<0.0019	<0.0019	<0.0019			
1/9/2017	<0.0019						
1/11/2017		<0.0019			0.028	<0.0019	<0.0019
1/12/2017			<0.0019	<0.0019			
3/13/2017	<0.0019						
3/14/2017		<0.0019			0.037	<0.0019	0.0035 (J)
3/15/2017			<0.0019	0.0038 (J)			
5/15/2017	<0.0019						
5/18/2017		<0.0019	<0.0019	<0.0019	0.024	<0.0019	<0.0019
3/12/2018	0.0011 (J)						
3/14/2018		<0.0019	<0.0019	0.002 (J)	0.028	<0.0019	<0.0019
6/5/2018	<0.0019						
6/10/2018		<0.0019			0.019	<0.0019	<0.0019
6/11/2018			<0.0019	0.0015 (J)			
10/16/2018	<0.0019						
10/18/2018		0.0013 (J)		0.0017 (J)	0.022	<0.0019	0.0012 (J)
10/19/2018			0.0012 (J)				
2/27/2019	<0.0019	<0.0019					
3/1/2019					0.017	<0.0019	0.0012 (J)
3/2/2019			0.0014 (J)	0.0011 (J)			
5/31/2019	0.0021 (J)	0.0013 (J)					
6/3/2019			<0.0019		0.017	<0.0019	<0.0019
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)			<0.0019	0.00068 (J)
4/16/2020	0.0006 (J)	<0.0019					
4/17/2020				0.0021			0.00043 (J)
4/18/2020			<0.0019		0.017	0.00039 (J)	
10/7/2020	0.0054	0.0052					
10/8/2020			<0.0019	<0.0019	0.017	<0.0019	<0.0019
3/29/2021	<0.0019	0.0019					
3/30/2021			<0.0019	0.002		<0.0019	<0.0019
3/31/2021					0.015		
9/2/2021	<0.0019	<0.0019					
9/3/2021					0.021	<0.0019	<0.0019
9/7/2021			<0.0019	0.0027			

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0019	<0.0019				
3/1/2016					<0.0019	0.0037
3/2/2016			0.0095 (J)	0.0082 (J)		
5/2/2016	<0.0019	<0.0019				<0.0019
5/3/2016					<0.0019	
5/5/2016			0.0059	0.0072		
7/5/2016	<0.0019	<0.0019			<0.0019	<0.0019
7/7/2016			0.006	0.0092		
9/6/2016	<0.0019	<0.0019			<0.0019	<0.0019
9/7/2016			0.0049 (J)	0.0069		
11/7/2016	<0.0019	<0.0019			<0.0019	0.0097 (o)
11/10/2016			0.0055	0.0045 (J)		
1/9/2017	<0.0019	<0.0019			<0.0019	<0.0019
1/12/2017			0.0045 (J)	0.0073		
3/13/2017	<0.0019	<0.0019			<0.0019	<0.0019
3/14/2017			0.0069			
3/15/2017				0.012		
5/15/2017	<0.0019	<0.0019			<0.0019	<0.0019
5/18/2017			0.0055	0.0084		
3/12/2018	0.0014 (J)	<0.0019			<0.0019	<0.0019
3/14/2018			0.0059	0.012		
6/5/2018	0.0012 (J)	<0.0019				
6/6/2018					<0.0019	0.0021 (J)
6/11/2018			0.0042 (J)	0.009		
10/16/2018	0.0015 (J)	0.0013 (J)				
10/17/2018					<0.0019	0.0012 (J)
10/18/2018			0.0062	0.011		
2/27/2019	<0.0019	<0.0019			<0.0019	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	<0.0019			0.00063 (J)	0.0012
11/7/2019			0.0052	0.014		
4/16/2020	0.00063 (J)	<0.0019			<0.0019	0.00091 (J)
4/17/2020			0.0076	0.0092		
10/7/2020	0.0054	0.0048 (J)			0.005	0.0049 (J)
10/9/2020			0.0053	0.011		
3/29/2021	<0.0019	<0.0019			<0.0019	0.0042
3/31/2021			0.0059	0.017		
9/2/2021	<0.0019	<0.0019			<0.0019	<0.0019
9/3/2021			0.0067	0.092		

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00015	<0.00015					
3/1/2016			<0.00015	<0.00015	0.00089	<0.00015	<0.00015
5/2/2016	<0.00015						
5/4/2016		<0.00015					<0.00015
5/5/2016			<0.00015	<0.00015	0.00054	<0.00015	
7/5/2016	<0.00015						
7/7/2016			<0.00015	<0.00015 (*)	0.00066 (V)	<0.00015	
7/8/2016		<0.00015 (*)					<0.00015 (*)
9/6/2016	<0.00015 (*)	<0.00015	<0.00015				
9/7/2016				<0.00015	0.0016	<0.00015	<0.00015
11/7/2016	<0.00015						
11/9/2016					0.0015	<0.00015	<0.00015
11/10/2016		<0.00015	<0.00015	<0.00015			
1/9/2017	<0.00015 (*)						
1/11/2017		<0.00015			0.0025	<0.00015	<0.00015
1/12/2017			<0.00015	<0.00015			
3/13/2017	<0.00015						
3/14/2017		<0.00015 (*)			0.0012	<0.00015	<0.00015
3/15/2017			<0.00015	<0.00015 (*)			
5/15/2017	<0.00015						
5/18/2017		<0.00015	<0.00015	<0.00015	0.0014	<0.00015	<0.00015
3/12/2018	<0.00015						
3/14/2018		9.3E-05 (J)	9.4E-05 (J)	0.00012 (J)	0.0011	<0.00015	8E-05 (J)
6/5/2018	<0.00015						
6/10/2018		<0.00015			0.0014	<0.00015	<0.00015
6/11/2018			<0.00015	<0.00015			
10/16/2018	<0.00015						
10/18/2018		<0.00015		<0.00015	0.00087	<0.00015	<0.00015
10/19/2018			9.4E-05 (J)				
2/27/2019	<0.00015	<0.00015					
3/1/2019					0.00077	<0.00015	<0.00015
3/2/2019			<0.00015	<0.00015			
5/31/2019	<0.00015	<0.00015					
6/3/2019			<0.00015		0.00054	<0.00015	<0.00015
6/11/2019				<0.00015			
11/6/2019	<0.00015	<0.00015					
11/7/2019				<0.00015	0.00053		
11/9/2019			<0.00015			<0.00015	<0.00015
4/16/2020	<0.00015	<0.00015					
4/17/2020				0.00062			<0.00015
4/18/2020			<0.00015		0.00069	<0.00015	
10/7/2020	<0.00015	<0.00015					
10/8/2020			<0.00015	0.00016 (J)	0.00087	<0.00015	<0.00015
3/29/2021	<0.00015	<0.00015					
3/30/2021			<0.00015	<0.00015		<0.00015	<0.00015
3/31/2021					0.00072		
9/2/2021	<0.00015	<0.00015					
9/3/2021					0.00048	<0.00015	<0.00015
9/7/2021			<0.00015	<0.00015			

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	9.1E-05 (J)	<0.00015				
3/1/2016					<0.00015	<0.00015
3/2/2016			<0.00015	0.007		
5/2/2016	7.4E-05 (J)	<0.00015				<0.00015
5/3/2016					<0.00015	
5/5/2016			<0.00015	0.006		
7/5/2016	<0.00015	<0.00015			<0.00015	<0.00015
7/7/2016			<0.00015 (*)	0.0053		
9/6/2016	<0.00015 (*)	<0.00015			<0.00015 (*)	<0.00015 (*)
9/7/2016			<0.00015	0.0067		
11/7/2016	<0.00015	<0.00015			<0.00015	<0.00015
11/10/2016			<0.00015	0.00014 (J)		
1/9/2017	<0.00015 (*)	<0.00015 (*)			<0.00015 (*)	<0.00015 (*)
1/12/2017			<0.00015	0.0052		
3/13/2017	<0.00015	<0.00015			<0.00015	<0.00015
3/14/2017			<0.00015			
3/15/2017				0.0048		
5/15/2017	<0.00015	<0.00015			<0.00015	<0.00015
5/18/2017			<0.00015	0.0074		
3/12/2018	<0.00015	<0.00015			<0.00015	<0.00015
3/14/2018			9.7E-05 (J)	0.0059		
6/5/2018	<0.00015	<0.00015				
6/6/2018					<0.00015	<0.00015
6/11/2018			<0.00015	0.0042		
10/16/2018	<0.00015	<0.00015				
10/17/2018					<0.00015	<0.00015
10/18/2018			<0.00015	0.0034		
2/27/2019	<0.00015	<0.00015			<0.00015	<0.00015
3/1/2019			<0.00015	0.0041		
5/31/2019	<0.00015	<0.00015			<0.00015	<0.00015
6/3/2019			<0.00015	0.0025		
11/6/2019	<0.00015	<0.00015			<0.00015	<0.00015
11/7/2019			0.0012	0.0034		
4/16/2020	<0.00015	<0.00015			<0.00015	<0.00015
4/17/2020			0.0032	0.0063		
10/7/2020	0.00025	0.00013 (J)			8E-05 (J)	<0.00015
10/9/2020			0.0014	0.0049		
3/29/2021	<0.00015	<0.00015			<0.00015	<0.00015
3/31/2021			0.00035	0.0055		
9/2/2021	<0.00015	<0.00015			<0.00015	<0.00015
9/3/2021			0.0012	0.0012		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0045	<0.0045					
3/1/2016			<0.0045	<0.0045	<0.0045	0.004 (J)	<0.0045
5/2/2016	<0.0045						
5/4/2016		<0.0045					<0.0045
5/5/2016			<0.0045	<0.0045	<0.0045	0.0093 (J)	
7/5/2016	<0.0045						
7/7/2016			<0.0045	<0.0045	<0.0045	0.0047 (J)	
7/8/2016		<0.0045					<0.0045
9/6/2016	<0.0045	<0.0045	<0.0045				
9/7/2016				<0.0045	<0.0045	0.004 (J)	<0.0045
11/7/2016	<0.0045						
11/9/2016					<0.0045	0.0037 (J)	<0.0045
11/10/2016		<0.0045	<0.0045	<0.0045			
1/9/2017	<0.0045						
1/11/2017		<0.0045			<0.0045	0.0052 (J)	<0.0045
1/12/2017			<0.0045	<0.0045			
3/13/2017	0.0042 (J)						
3/14/2017		<0.0045			<0.0045	0.004 (J)	<0.0045
3/15/2017			<0.0045	<0.0045			
5/15/2017	<0.0045						
5/18/2017		<0.0045	<0.0045	<0.0045	<0.0045	0.0043 (J)	<0.0045
3/12/2018	<0.0045						
3/14/2018		<0.0045	<0.0045	<0.0045	<0.0045	0.0054 (J)	<0.0045
6/5/2018	<0.0045						
6/10/2018		<0.0045			<0.0045	0.0035 (J)	<0.0045
6/11/2018			<0.0045	<0.0045			
10/16/2018	<0.0045						
10/18/2018		<0.0045		<0.0045	<0.0045	0.0032 (J)	<0.0045
10/19/2018			<0.0045				
2/27/2019	<0.0045	<0.0045					
3/1/2019					<0.0045	0.0047 (J)	<0.0045
3/2/2019			<0.0045	<0.0045			
5/31/2019	<0.0045	<0.0045					
6/3/2019			<0.0045		<0.0045	0.0033 (J)	<0.0045
6/11/2019				<0.0045			
11/6/2019	<0.0045	<0.0045					
11/7/2019				<0.0045	<0.0045		
11/9/2019			<0.0045			0.0025 (J)	<0.0045
4/16/2020	<0.0045	<0.0045					
4/17/2020				<0.0045			<0.0045
4/18/2020			<0.0045		<0.0045	0.003	
10/7/2020	<0.0045	<0.0045					
10/8/2020			<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
3/29/2021	<0.0045	<0.0045					
3/30/2021			<0.0045	<0.0045		0.005	<0.0045
3/31/2021					<0.0045		
9/2/2021	<0.0045	<0.0045					
9/3/2021					<0.0045	0.0057	<0.0045
9/7/2021			<0.0045	<0.0045			

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0045	<0.0045				
3/1/2016					<0.0045	<0.0045
3/2/2016			<0.0045	<0.0045		
5/2/2016	<0.0045	<0.0045				<0.0045
5/3/2016					<0.0045	
5/5/2016			<0.0045	<0.0045		
7/5/2016	<0.0045	<0.0045			<0.0045	<0.0045
7/7/2016			<0.0045	<0.0045		
9/6/2016	<0.0045	<0.0045			<0.0045	<0.0045
9/7/2016			<0.0045	<0.0045		
11/7/2016	<0.0045	<0.0045			<0.0045	<0.0045
11/10/2016			<0.0045	<0.0045		
1/9/2017	<0.0045	<0.0045			<0.0045	<0.0045
1/12/2017			<0.0045	<0.0045		
3/13/2017	<0.0045	0.0022 (J)			<0.0045	<0.0045
3/14/2017			<0.0045			
3/15/2017				<0.0045		
5/15/2017	<0.0045	<0.0045			<0.0045	<0.0045
5/18/2017			<0.0045	<0.0045		
3/12/2018	<0.0045	<0.0045			<0.0045	<0.0045
3/14/2018			<0.0045	<0.0045		
6/5/2018	0.00088 (J)	<0.0045				
6/6/2018					<0.0045	<0.0045
6/11/2018			<0.0045	<0.0045		
10/16/2018	<0.0045	<0.0045				
10/17/2018					<0.0045	<0.0045
10/18/2018			<0.0045	<0.0045		
2/27/2019	<0.0045	<0.0045			<0.0045	<0.0045
3/1/2019			<0.0045	<0.0045		
5/31/2019	<0.0045	<0.0045			<0.0045	<0.0045
6/3/2019			<0.0045	<0.0045		
11/6/2019	<0.0045	<0.0045			<0.0045	<0.0045
11/7/2019			<0.0045	<0.0045		
4/16/2020	<0.0045	<0.0045			<0.0045	<0.0045
4/17/2020			<0.0045	<0.0045		
10/7/2020	<0.0045	<0.0045			<0.0045	<0.0045
10/9/2020			<0.0045	<0.0045		
3/29/2021	<0.0045	<0.0045			<0.0045	<0.0045
3/31/2021			<0.0045	<0.0045		
9/2/2021	<0.0045	<0.0045			<0.0045	<0.0045
9/3/2021			<0.0045	<0.0045		

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00082	<0.00082					
3/1/2016			<0.00082	0.0028 (J)	0.0054 (J)	<0.00082	<0.00082
5/2/2016	<0.00082						
5/4/2016		<0.00082					<0.00082
5/5/2016			0.00029 (J)	0.0026	0.0038	0.0003 (J)	
7/5/2016	<0.00082						
7/7/2016			<0.00082 (*)	0.0025	0.0043	<0.00082	
7/8/2016		<0.00082					<0.00082
9/6/2016	0.00049 (J)	<0.00082	<0.00082				
9/7/2016				0.0031	0.0099	0.00026 (J)	<0.00082
11/7/2016	<0.00082						
11/9/2016					0.012	0.00038 (J)	<0.00082
11/10/2016		<0.00082	<0.00082	0.0028			
1/9/2017	<0.00082						
1/11/2017		0.00049 (J)			0.022	<0.00082	<0.00082
1/12/2017			<0.00082	0.0028			
3/13/2017	0.0023						
3/14/2017		<0.00082			0.011	<0.00082	<0.00082
3/15/2017			<0.00082	0.0027			
5/15/2017	<0.00082						
5/18/2017		<0.00082	<0.00082	0.0036	0.018	<0.00082	<0.00082
3/12/2018	0.00046 (J)						
3/14/2018		0.00067 (J)	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.00082
6/5/2018	0.00049 (J)						
6/10/2018		0.00028 (J)			0.015	0.00043 (J)	<0.00082
6/11/2018			0.00028 (J)	0.003			
10/16/2018	<0.00082						
10/18/2018		<0.00082		0.0016	0.0049	<0.00082	<0.00082
10/19/2018			<0.00082				
2/27/2019	<0.00082	<0.00082					
3/1/2019					0.0026	<0.00082	<0.00082
3/2/2019			<0.00082	<0.00082			
5/31/2019	<0.00082	<0.00082					
6/3/2019			<0.00082		0.0039	<0.00082	<0.00082
6/11/2019				0.0014			
11/6/2019	<0.00082	<0.00082					
11/7/2019				0.002	0.0085		
11/9/2019			<0.00082			0.00041	<0.00082
4/16/2020	<0.00082	<0.00082					
4/17/2020				0.0022			<0.00082
4/18/2020			0.00019 (J)		0.0084	0.0004	
10/7/2020	<0.00082	<0.00082					
10/8/2020			<0.00082	0.0014	0.0045	<0.00082	<0.00082
3/29/2021	<0.00082	<0.00082					
3/30/2021			<0.00082	0.0019		<0.00082	<0.00082
3/31/2021					0.011		
9/2/2021	<0.00082	<0.00082					
9/3/2021					0.0054	<0.00082	<0.00082
9/7/2021			<0.00082	0.0014			

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00082	<0.00082				
3/1/2016					<0.00082	<0.00082
3/2/2016			<0.00082	0.0025 (J)		
5/2/2016	<0.00082	0.00025 (J)				<0.00082
5/3/2016					<0.00082	
5/5/2016			<0.00082	0.0033		
7/5/2016	<0.00082	<0.00082			<0.00082	<0.00082
7/7/2016			<0.00082	0.0031		
9/6/2016	<0.00082	0.00027 (J)			<0.00082	<0.00082
9/7/2016			<0.00082	0.0034		
11/7/2016	<0.00082	<0.00082			<0.00082	<0.00082
11/10/2016			<0.00082	0.0038		
1/9/2017	<0.00082	<0.00082			<0.00082	<0.00082
1/12/2017			<0.00082	0.0034		
3/13/2017	<0.00082	0.0025			<0.00082	<0.00082
3/14/2017			<0.00082			
3/15/2017				0.0032		
5/15/2017	<0.00082	<0.00082			<0.00082	<0.00082
5/18/2017			<0.00082	0.0034		
3/12/2018	0.00064 (J)	0.00047 (J)			0.00026 (J)	<0.00082
3/14/2018			<0.00082	0.0038		
6/5/2018	0.00098 (J)	0.00065 (J)				
6/6/2018					0.00025 (J)	0.00026 (J)
6/11/2018			<0.00082	0.0037		
10/16/2018	<0.00082	<0.00082				
10/17/2018					<0.00082	<0.00082
10/18/2018			<0.00082	0.0033		
2/27/2019	<0.00082	<0.00082			<0.00082	<0.00082
3/1/2019			<0.00082	0.0033		
5/31/2019	<0.00082	<0.00082			<0.00082	<0.00082
6/3/2019			<0.00082	0.0035		
11/6/2019	<0.00082	0.00034			<0.00082	<0.00082
11/7/2019			0.00024 (J)	0.0034		
4/16/2020	<0.00082	0.0004			<0.00082	<0.00082
4/17/2020			0.0002 (J)	0.0039		
10/7/2020	<0.00082	<0.00082			<0.00082	<0.00082
10/9/2020			<0.00082	0.0031		
3/29/2021	<0.00082	<0.00082			<0.00082	<0.00082
3/31/2021			<0.00082	0.0046		
9/2/2021	<0.00082	<0.00082			<0.00082	<0.00082
9/3/2021			<0.00082	0.0035		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<1.4	<1.4					
3/1/2016			<1.4	26	380	17	<1.4
5/2/2016	15 (o)						
5/4/2016		<1.4					<1.4
5/5/2016			<1.4	31	280	11	
7/5/2016	<1.4						
7/7/2016			<1.4	31	330	33	
7/8/2016		<1.4					<1.4
9/6/2016	<1.4	<1.4	<1.4				
9/7/2016				41	550	18	<1.4
11/7/2016	<1.4						
11/9/2016					700	52	<1.4
11/10/2016		<1.4	<1.4	39			
1/9/2017	<1.4						
1/11/2017		<1.4			670	31	<1.4
1/12/2017			<1.4	35			
3/13/2017	2.5 (J)						
3/14/2017		<1.4			670	20	<1.4
3/15/2017			<1.4 (*)	43			
5/15/2017	<1.4						
5/18/2017		<1.4 (X)	<1.4 (X)	35	790	35	<1.4 (X)
10/2/2017	<1.4						
10/5/2017		<1.4			500	7.7	<1.4
10/6/2017			<1.4	39			
12/19/2017				36 (R)	400 (R)	51 (R)	
3/12/2018	<1.4						
3/14/2018		<1.4	<1.4	38	540	22	<1.4
6/5/2018	<1.4						
6/10/2018		1.5 (J)			760	96	1.4 (J)
6/11/2018			1.7 (J)	34			
10/16/2018	<1.4						
10/18/2018		<1.4		31	460	6.6	<1.4
10/19/2018			3.4 (J)				
2/27/2019	<1.4	1.9 (J)					
3/1/2019					240	9.6	<1.4
3/2/2019			<1.4	35			
5/31/2019	<1.4	<1.4					
6/3/2019			3.5 (J)		480	58	<1.4
6/11/2019				32			
11/6/2019	<1.4	<1.4					
11/7/2019				27	610		
11/9/2019			<1.4			120	<1.4
4/16/2020	<1.4	<1.4					
4/17/2020				31			<1.4
4/18/2020			<1.4		670	32	
10/7/2020	<1.4	<1.4					
10/8/2020			<1.4	30	590	9.3	<1.4
3/29/2021	<1.4	<1.4					
3/30/2021			<1.4	32		7.6	<1.4
3/31/2021					670		
9/2/2021	<1.4	<1.4					
9/3/2021					480	9.3	<1.4

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<1.4	22			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<1.4	1.6 (J)				
3/1/2016					<1.4	<1.4
3/2/2016			13	150		
5/2/2016	<1.4	2.1 (J)				<1.4
5/3/2016					<1.4	
5/5/2016			15	200		
7/5/2016	<1.4	2 (J)			<1.4	<1.4
7/7/2016			14	200		
9/6/2016	<1.4	1.8 (J)			<1.4	3.7 (J)
9/7/2016			15	200		
11/7/2016	<1.4	1.7 (J)			<1.4	<1.4
11/10/2016			13	130		
1/9/2017	2.6 (J)	1.5 (J)			<1.4	<1.4
1/12/2017			12	240		
3/13/2017	<1.4	2.2 (J)			<1.4	<1.4
3/14/2017			10 (V)			
3/15/2017				300		
5/15/2017	<1.4	1.9 (J)			<1.4	<1.4
5/18/2017			8.7	270		
10/2/2017	<1.4	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	<1.4	2.6 (J)			<1.4	<1.4
3/14/2018			9.7	270		
6/5/2018	<1.4	2.6 (J)				
6/6/2018					<1.4	<1.4
6/11/2018			10	270		
10/16/2018	<1.4	2.8 (J)				
10/17/2018					<1.4	<1.4
10/18/2018			8.1	280		
2/27/2019	<1.4	2.4 (J)			<1.4	<1.4
3/1/2019			7.4	250		
5/31/2019	<1.4	3.3 (J)			<1.4	<1.4
6/3/2019			21	150		
11/6/2019	<1.4	3.7 (J)			<1.4	<1.4
11/7/2019			16	290		
4/16/2020	<1.4	1.7 (J)			<1.4	<1.4
4/17/2020			12	280		
10/7/2020	<1.4	4 (J)			<1.4	<1.4
10/9/2020			25	280		
3/29/2021	<1.4	2.3			<1.4	<1.4
3/31/2021			15	250		
9/2/2021	<1.4	4.7			<1.4	<1.4
9/3/2021			32	160		

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00012	<0.00012					
3/1/2016			<0.00012	<0.00012	0.00043 (J)	<0.00012	<0.00012
5/2/2016	<0.00012						
5/4/2016		<0.00012					<0.00012
5/5/2016			<0.00012	<0.00012	0.0003 (J)	<0.00012	
7/5/2016	<0.00012						
7/7/2016			<0.00012	<0.00012	0.00028 (J)	<0.00012	
7/8/2016		<0.00012					<0.00012
9/6/2016	<0.00012	<0.00012	<0.00012				
9/7/2016				<0.00012	0.00028 (J)	<0.00012	<0.00012
11/7/2016	<0.00012						
11/9/2016					0.0003 (J)	<0.00012	<0.00012
11/10/2016		<0.00012	<0.00012	<0.00012			
1/9/2017	<0.00012						
1/11/2017		<0.00012			0.00032 (J)	<0.00012	<0.00012
1/12/2017			<0.00012	<0.00012			
3/13/2017	<0.00012						
3/14/2017		<0.00012			0.00032 (J)	<0.00012	<0.00012
3/15/2017			<0.00012	<0.00012			
5/15/2017	<0.00012						
5/18/2017		<0.00012	<0.00012	<0.00012	0.0004 (J)	<0.00012	<0.00012
3/12/2018	<0.00012						
3/14/2018		<0.00012	<0.00012	<0.00012	0.00021 (J)	<0.00012	<0.00012
6/5/2018	<0.00012						
6/10/2018		<0.00012			0.00033 (J)	<0.00012	<0.00012
6/11/2018			<0.00012	<0.00012			
10/16/2018	<0.00012						
10/18/2018		<0.00012		<0.00012	0.00021 (J)	<0.00012	<0.00012
10/19/2018			<0.00012				
2/27/2019	<0.00012	<0.00012					
3/1/2019					0.00013 (J)	<0.00012	<0.00012
3/2/2019			<0.00012	<0.00012			
5/31/2019	<0.00012	<0.00012					
6/3/2019			<0.00012		0.00016 (J)	<0.00012	<0.00012
6/11/2019				<0.00012			
11/6/2019	<0.00012	<0.00012					
11/7/2019				2.6E-05 (J)	0.00025		
11/9/2019			0.00021 (J)			0.00024 (J)	<0.00012
4/16/2020	<0.00012	<0.00012					
4/17/2020				<0.00012			<0.00012
4/18/2020			<0.00012		0.00033	<0.00012	
10/7/2020	<0.00012	<0.00012					
10/8/2020			<0.00012	0.00015 (J)	0.00034 (J)	<0.00012	<0.00012
3/29/2021	<0.00012	<0.00012					
3/30/2021			<0.00012	<0.00012		<0.00012	<0.00012
3/31/2021					0.00031		
9/2/2021	0.00015	<0.00012					
9/3/2021					0.00037	0.00012	<0.00012
9/7/2021			<0.00012	<0.00012			

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00012	<0.00012				
3/1/2016					<0.00012	<0.00012
3/2/2016			<0.00012	0.00018 (J)		
5/2/2016	<0.00012	<0.00012				<0.00012
5/3/2016					<0.00012	
5/5/2016			<0.00012	0.00024 (J)		
7/5/2016	<0.00012	<0.00012			<0.00012	<0.00012
7/7/2016			<0.00012	0.00025 (J)		
9/6/2016	<0.00012	<0.00012			<0.00012	<0.00012
9/7/2016			<0.00012	0.00023 (J)		
11/7/2016	<0.00012	<0.00012			<0.00012	<0.00012
11/10/2016			<0.00012	0.0002 (J)		
1/9/2017	<0.00012	<0.00012			<0.00012	<0.00012
1/12/2017			<0.00012	0.00026 (J)		
3/13/2017	<0.00012	<0.00012			<0.00012	<0.00012
3/14/2017			<0.00012			
3/15/2017				0.0003 (J)		
5/15/2017	<0.00012	<0.00012			<0.00012	<0.00012
5/18/2017			<0.00012	0.00028 (J)		
3/12/2018	<0.00012	<0.00012			<0.00012	<0.00012
3/14/2018			<0.00012	0.00029 (J)		
6/5/2018	<0.00012	<0.00012				
6/6/2018					<0.00012	<0.00012
6/11/2018			<0.00012	0.00029 (J)		
10/16/2018	<0.00012	<0.00012				
10/17/2018					<0.00012	<0.00012
10/18/2018			<0.00012	0.00031 (J)		
2/27/2019	<0.00012	<0.00012			<0.00012	<0.00012
3/1/2019			<0.00012	0.0003 (J)		
5/31/2019	<0.00012	<0.00012			<0.00012	<0.00012
6/3/2019			<0.00012	0.0002 (J)		
11/6/2019	<0.00012	<0.00012			<0.00012	<0.00012
11/7/2019			<0.00012	0.00024 (J)		
4/16/2020	<0.00012	<0.00012			<0.00012	<0.00012
4/17/2020			<0.00012	0.00031		
10/7/2020	<0.00012	<0.00012			<0.00012	<0.00012
10/9/2020			0.00012 (J)	0.00037 (J)		
3/29/2021	<0.00012	<0.00012 (D)			<0.00012	<0.00012
3/31/2021			<0.00012	0.00028		
9/2/2021	<0.00012	<0.00012			<0.00012	<0.00012
9/3/2021			<0.00012	0.00022		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	
10/7/2020	30	24					
10/8/2020			32	120	500	260	100
3/29/2021	38	26					
3/30/2021			32	170		340	12
3/31/2021					1100		
9/2/2021	40	8					
9/3/2021					1000	210	<5

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			10	62			

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 6:10 AM View: 100 Series General

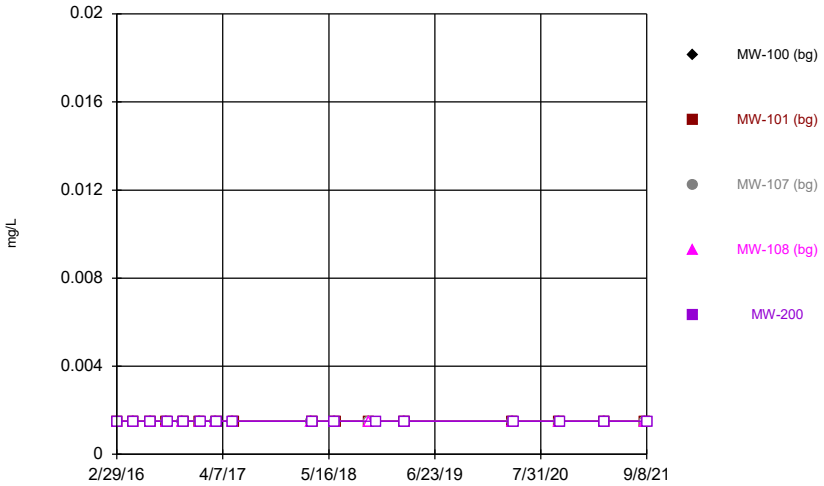
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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		
10/7/2020	20	26			16	12
10/9/2020			86	660		
3/29/2021	12	28			42	40
3/31/2021			66	620		
9/2/2021	10	8			10	<5
9/3/2021			170	580		

200 Series

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

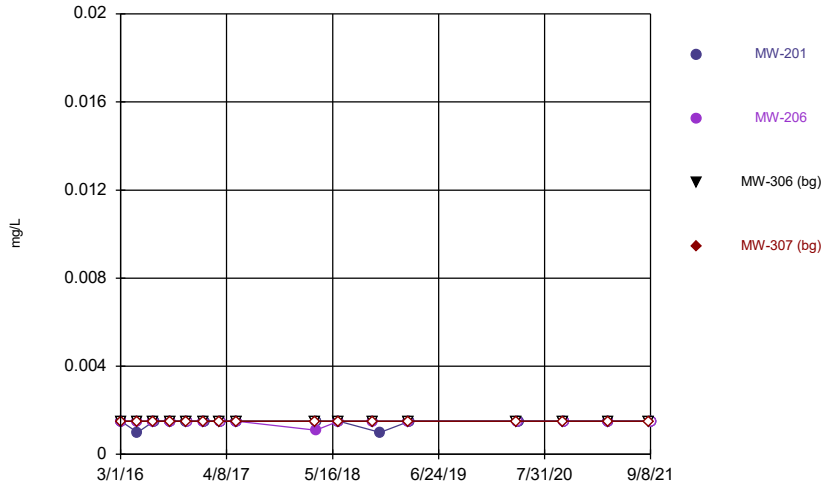
Time Series



Constituent: Antimony Analysis Run 12/15/2021 7:07 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

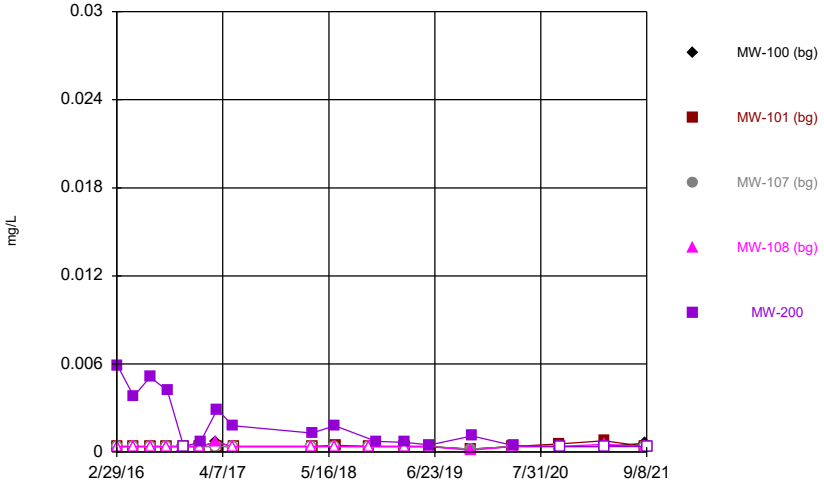
Time Series



Constituent: Antimony Analysis Run 12/15/2021 7:07 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

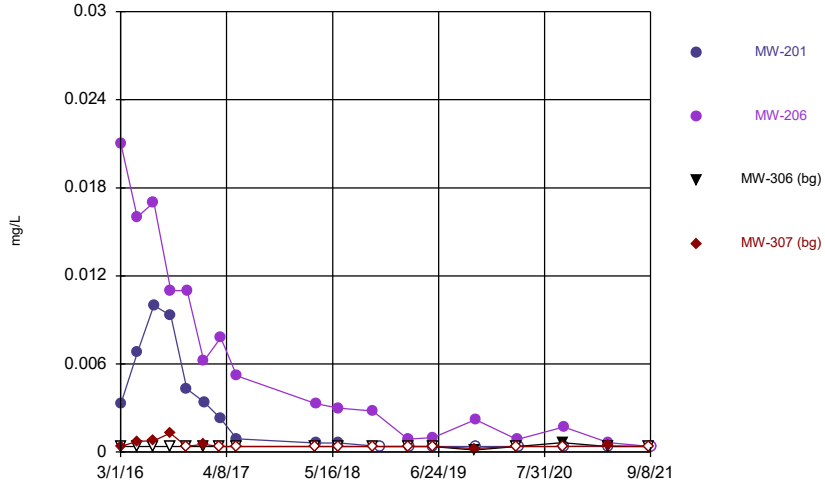
Time Series



Constituent: Arsenic Analysis Run 12/15/2021 7:07 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

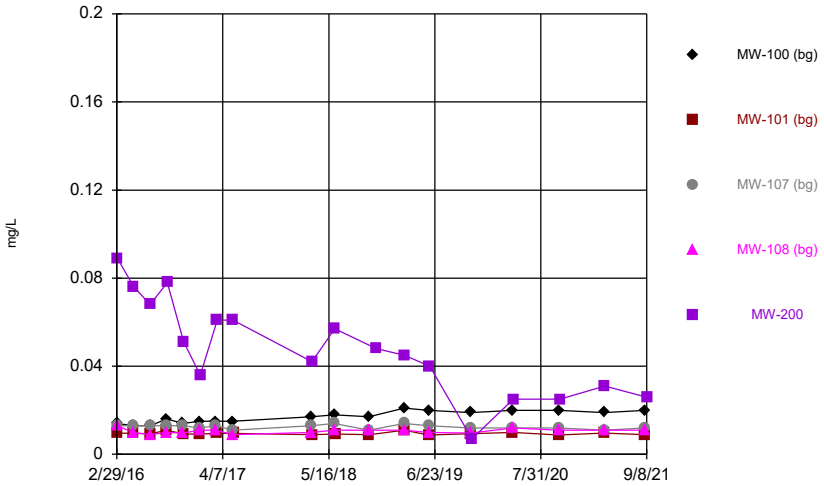
Time Series



Constituent: Arsenic Analysis Run 12/15/2021 7:07 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

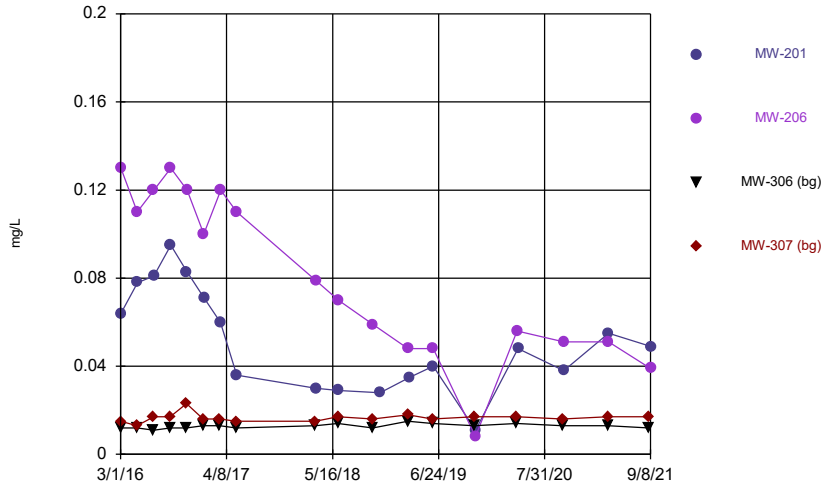
Time Series



Constituent: Barium Analysis Run 12/15/2021 7:07 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

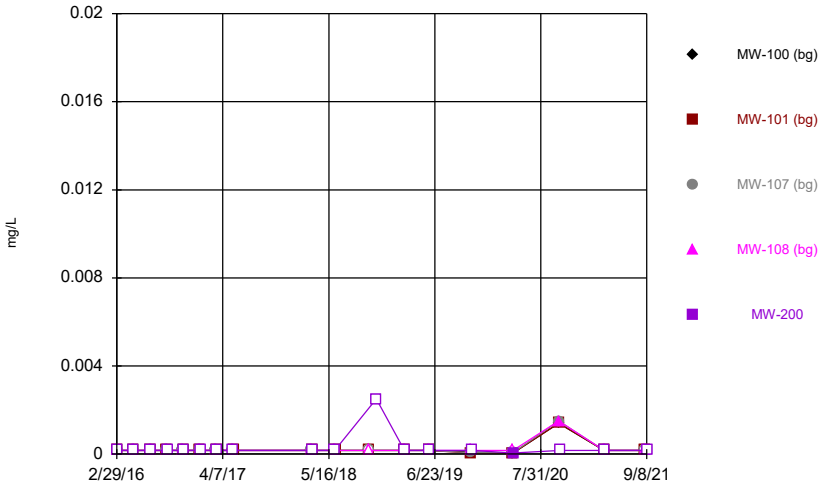
Time Series



Constituent: Barium Analysis Run 12/15/2021 7:07 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

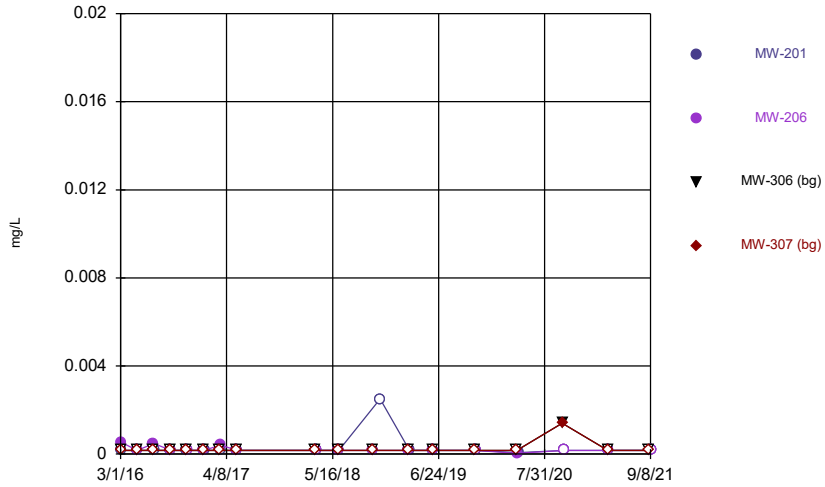
Time Series



Constituent: Beryllium Analysis Run 12/15/2021 7:07 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

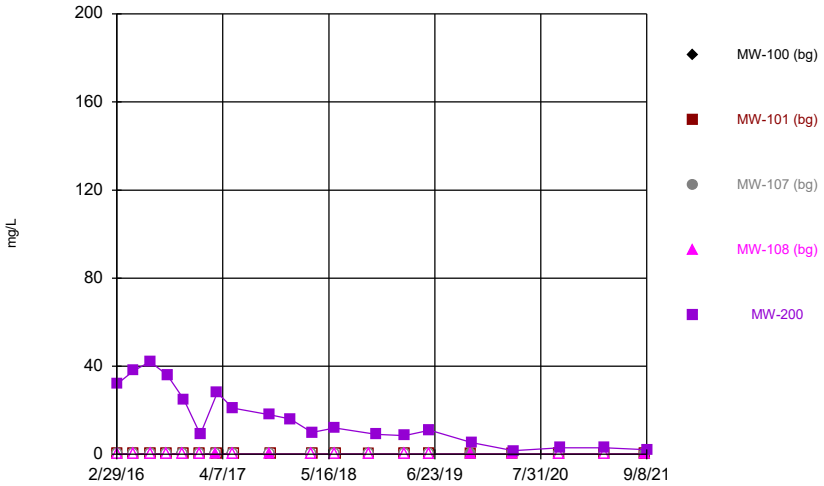
Time Series



Constituent: Beryllium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

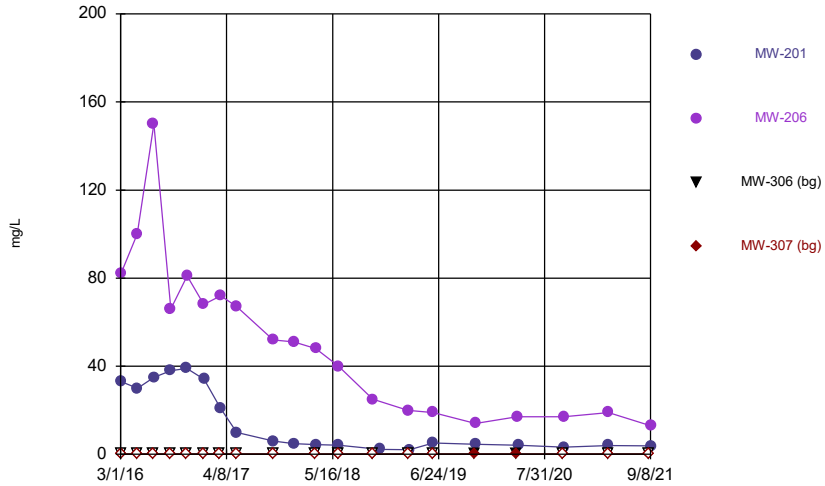
Time Series



Constituent: Boron Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

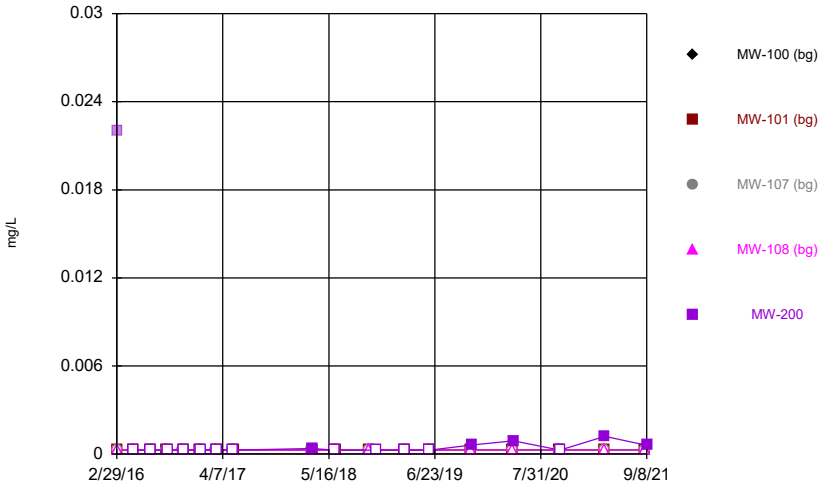
Time Series



Constituent: Boron Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

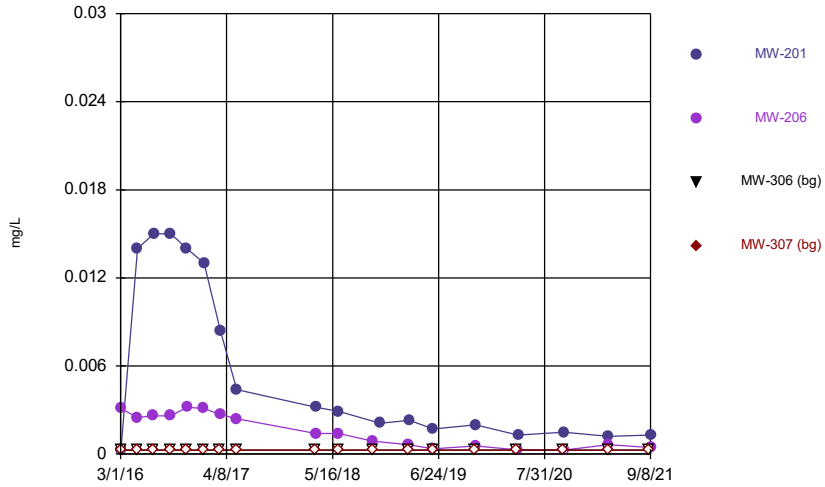
Time Series



Constituent: Cadmium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

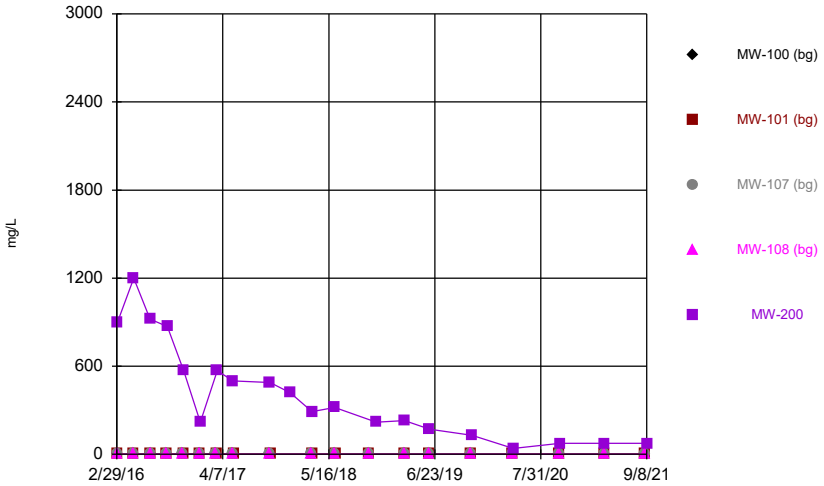
Time Series



Constituent: Cadmium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

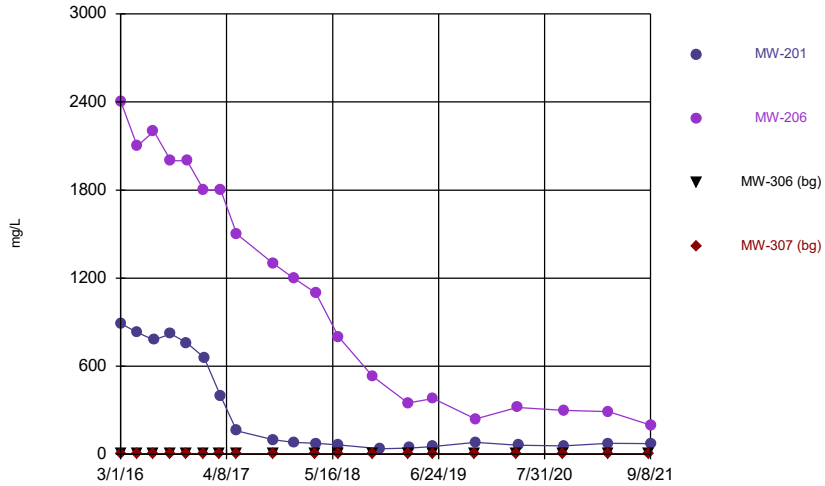
Time Series



Constituent: Calcium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

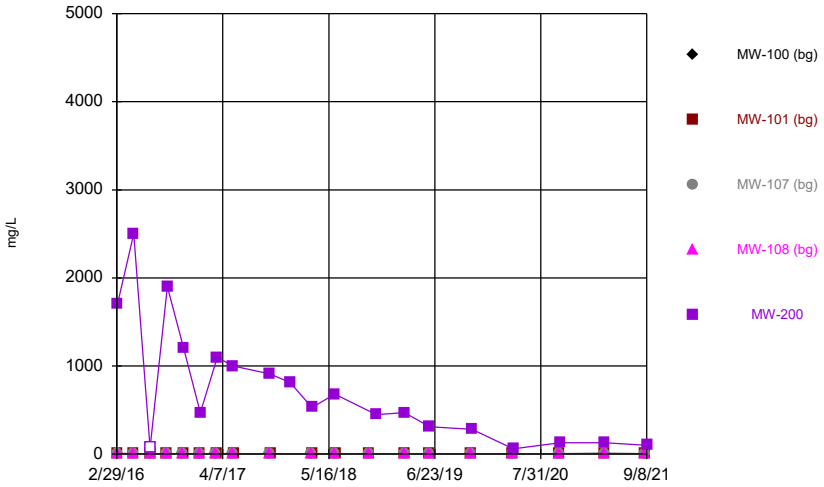
Time Series



Constituent: Calcium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

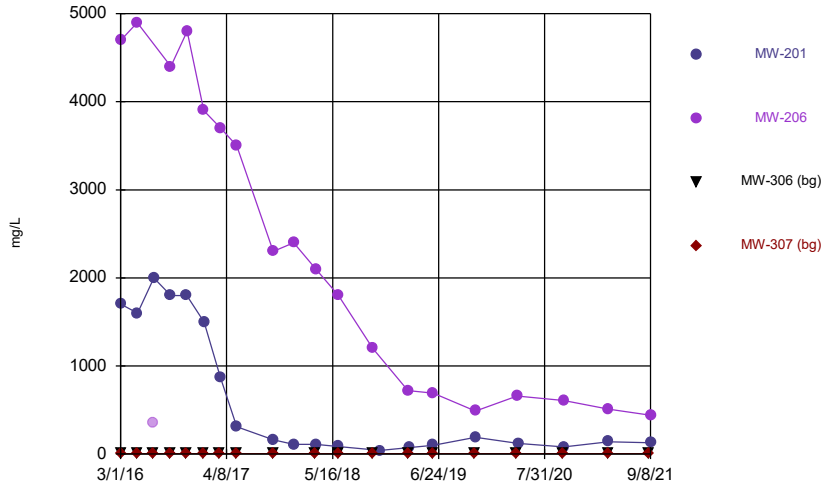
Time Series



Constituent: Chloride Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

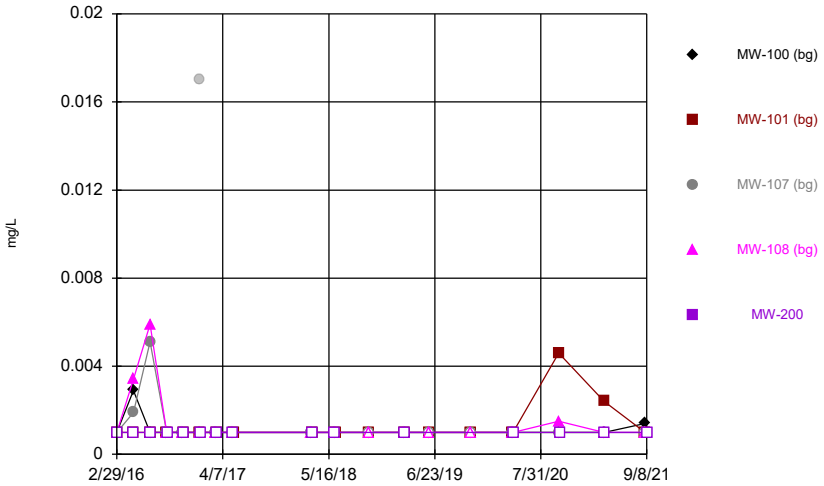
Time Series



Constituent: Chloride Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

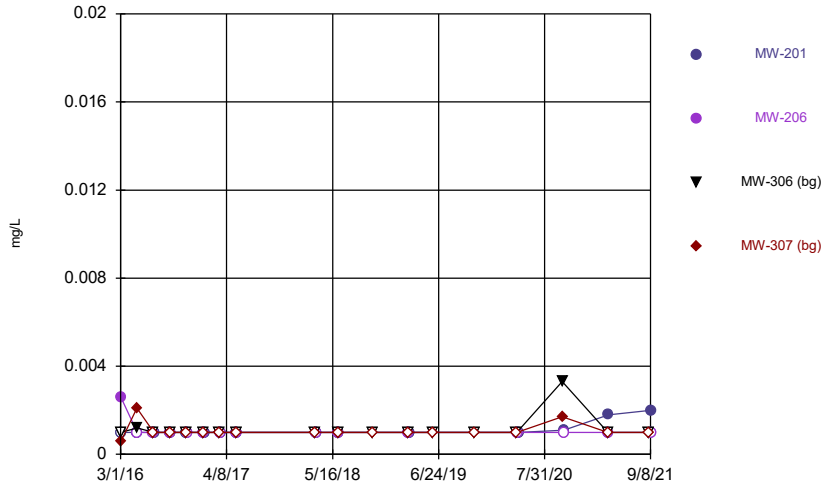
Time Series



Constituent: Chromium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

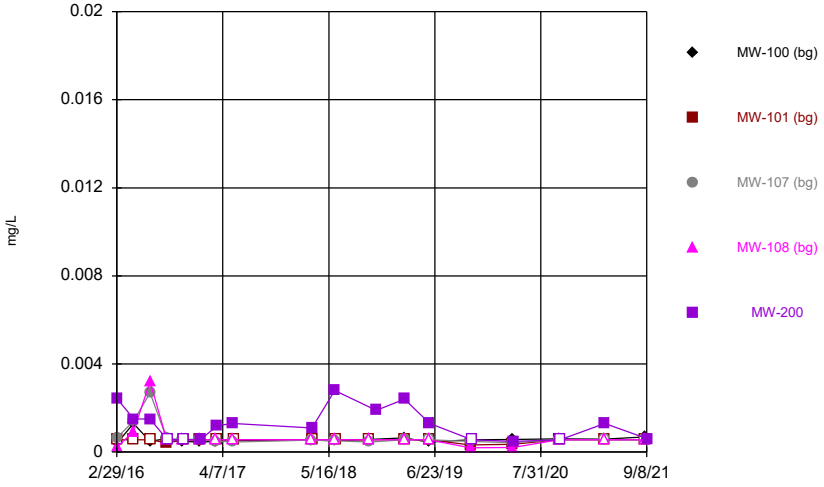
Time Series



Constituent: Chromium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

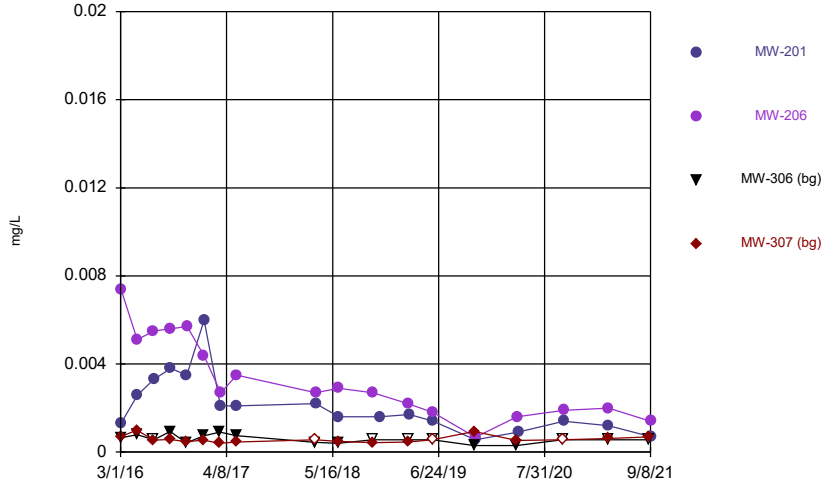
Time Series



Constituent: Cobalt Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

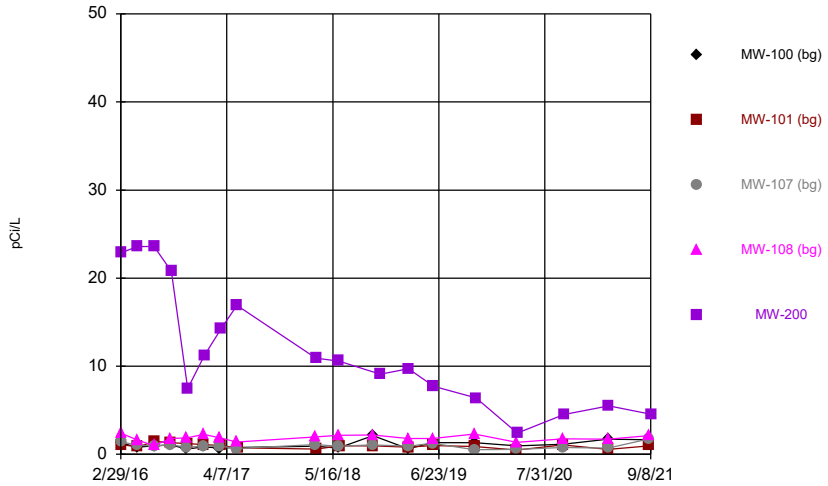
Time Series



Constituent: Cobalt Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

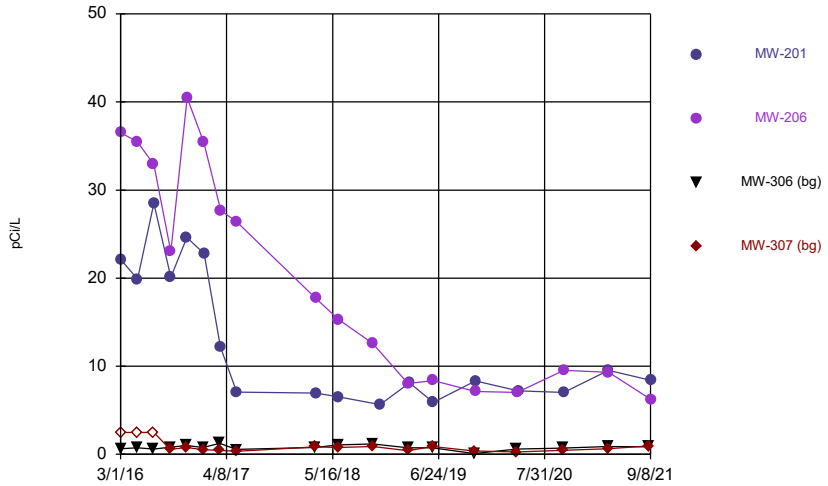
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

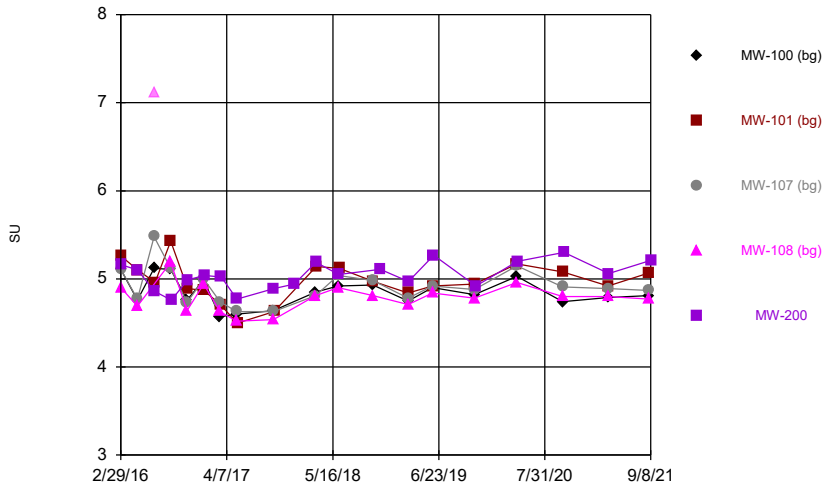
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

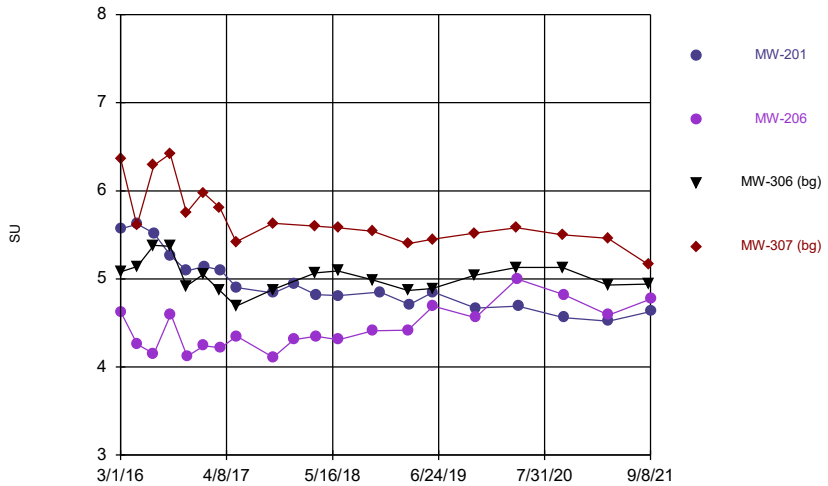
Time Series



Constituent: Field pH Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

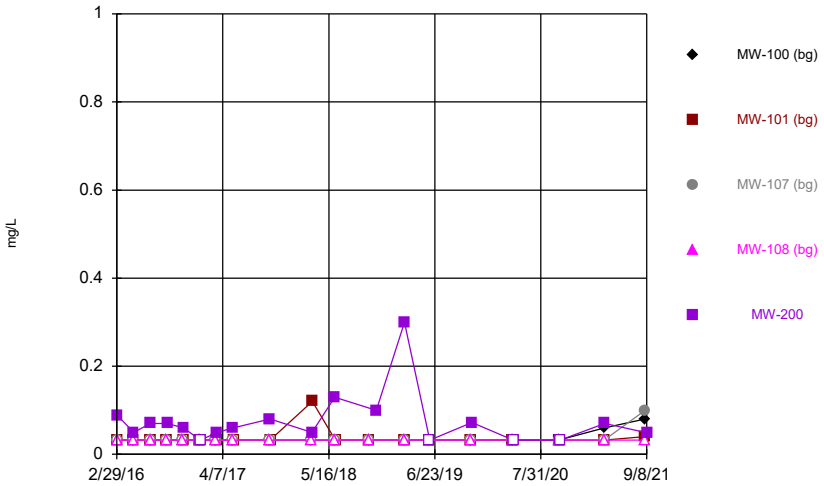
Time Series



Constituent: Field pH Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

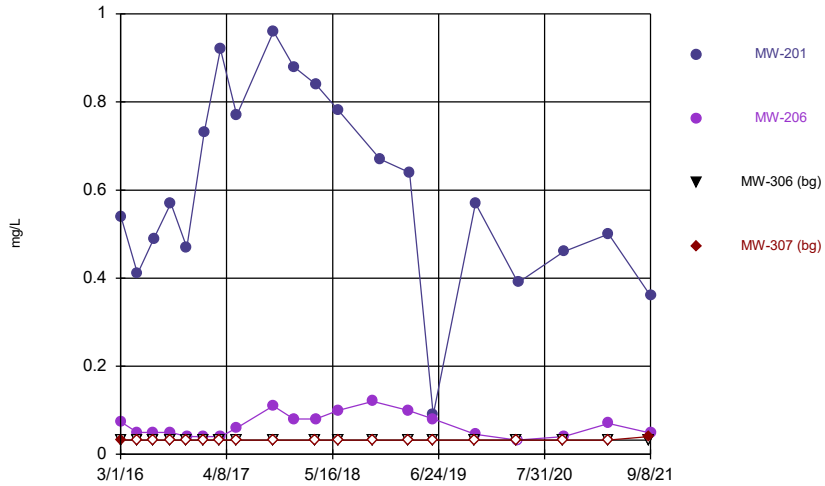
Time Series



Constituent: Fluoride Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

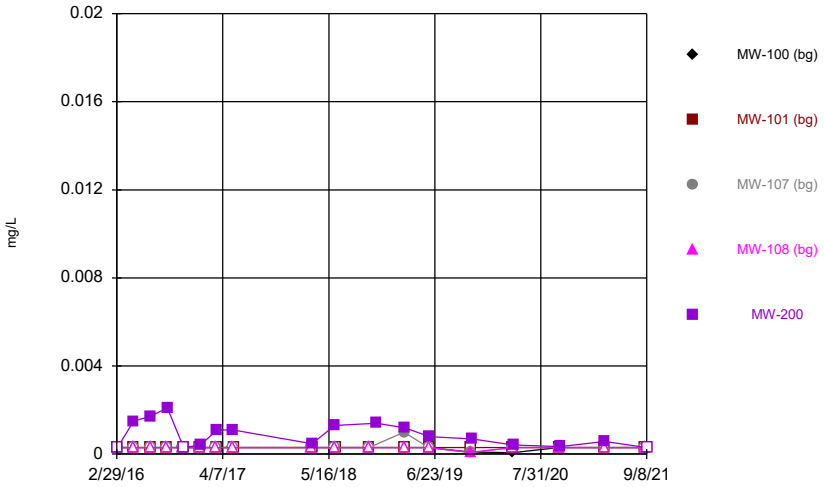
Time Series



Constituent: Fluoride Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

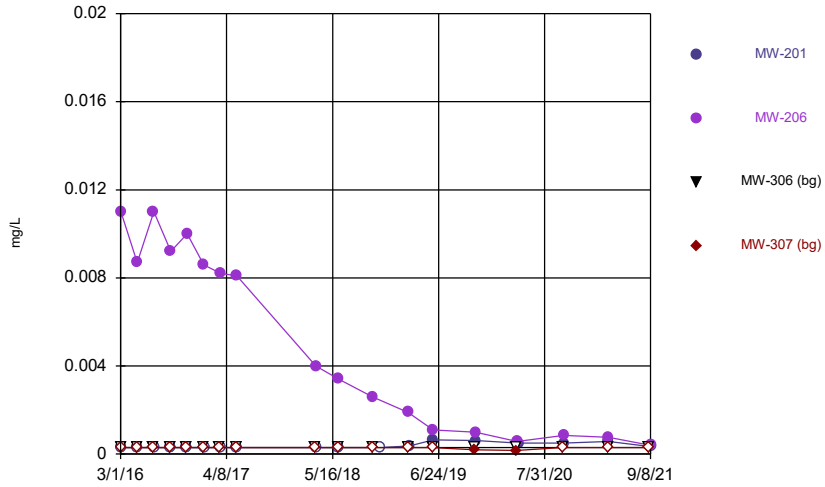
Time Series



Constituent: Lead Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

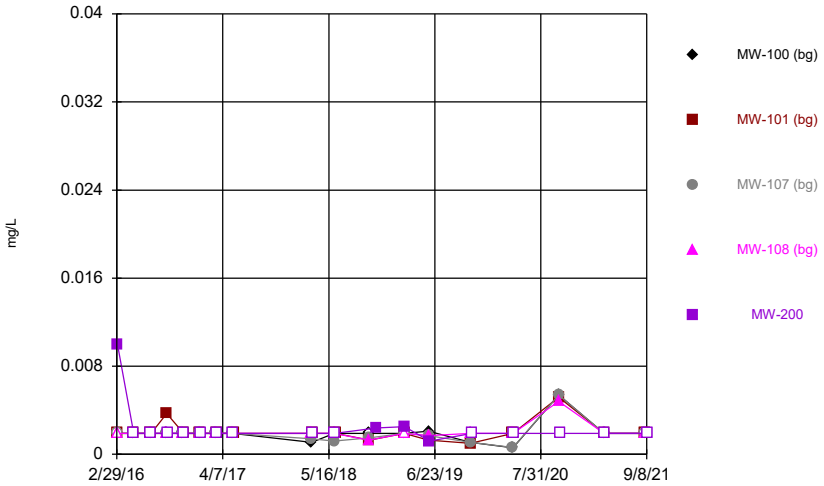
Time Series



Constituent: Lead Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

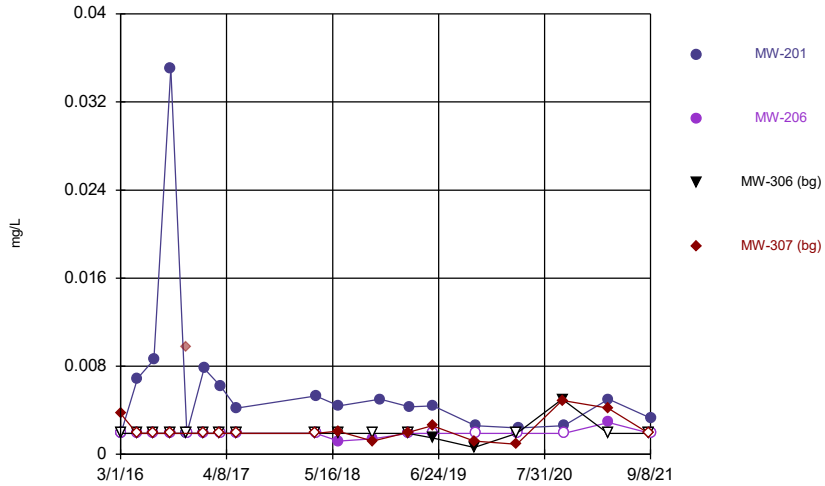
Time Series



Constituent: Lithium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

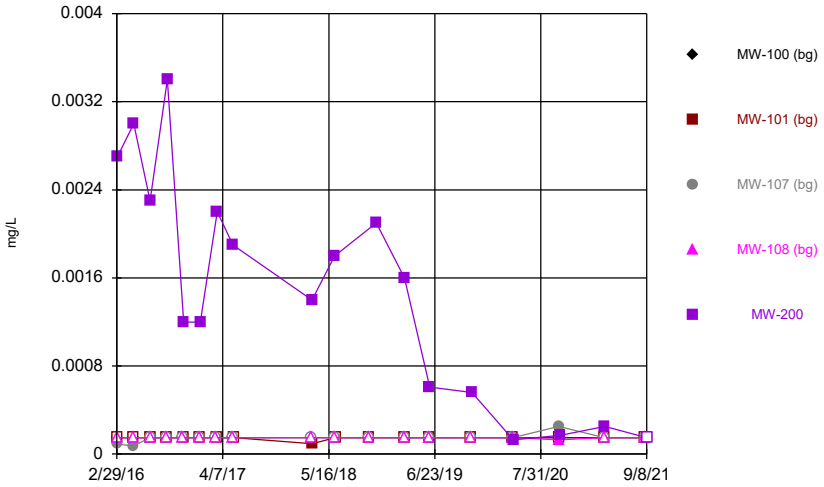
Time Series



Constituent: Lithium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

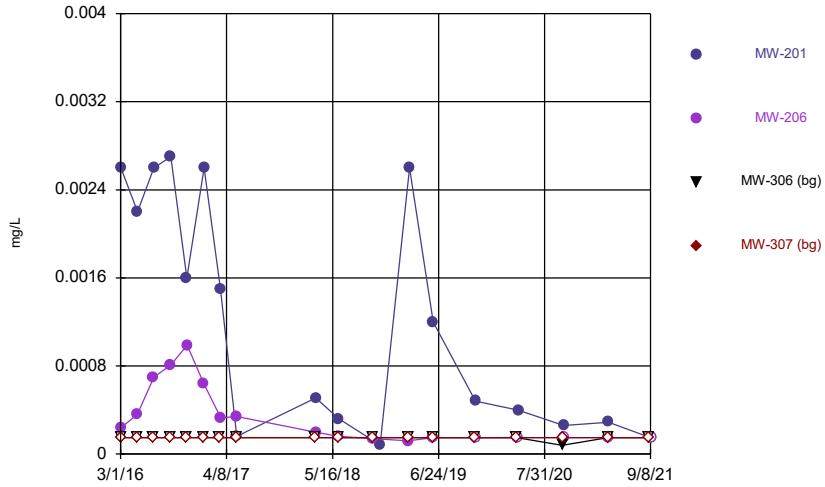
Time Series



Constituent: Mercury Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

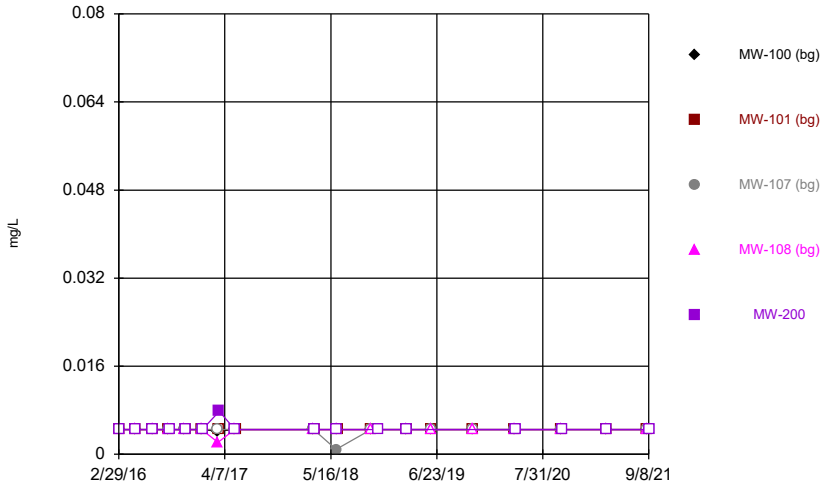
Time Series



Constituent: Mercury Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

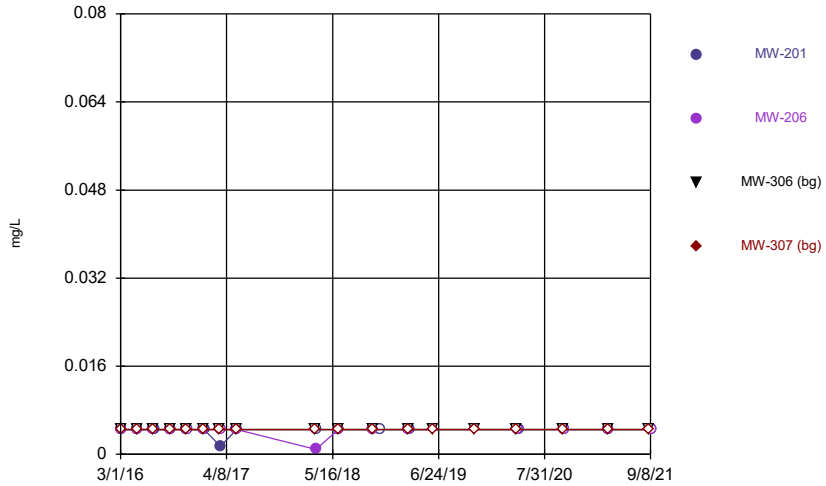
Time Series



Constituent: Molybdenum Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

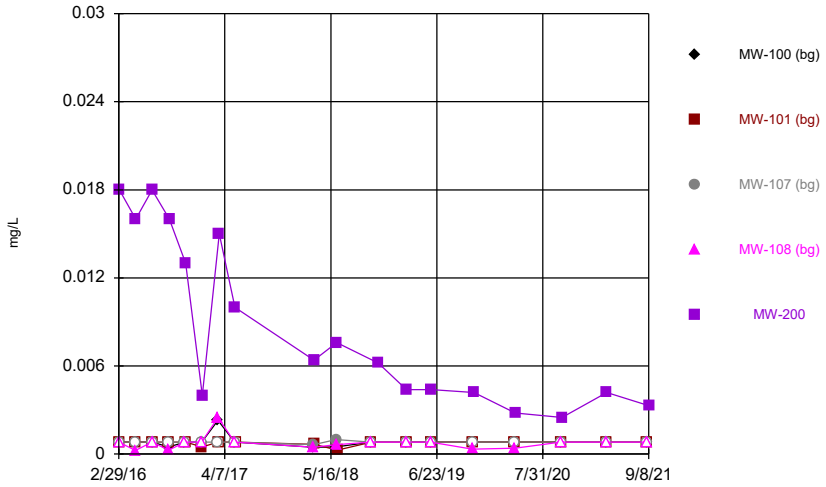
Time Series



Constituent: Molybdenum Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

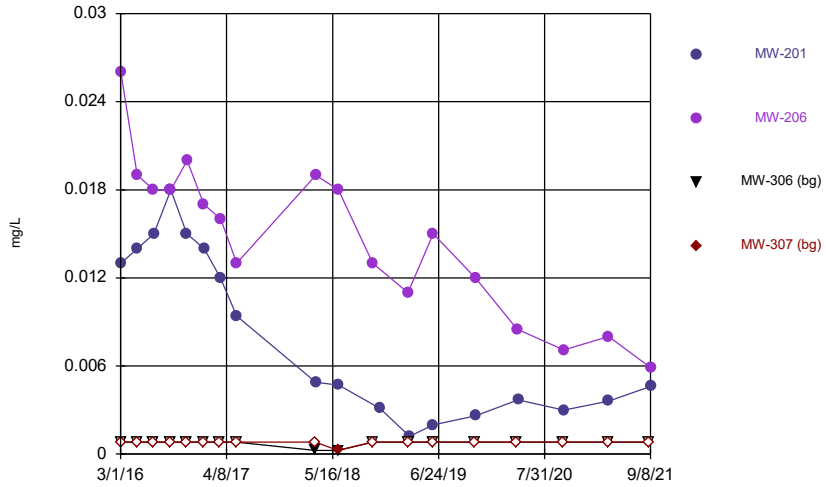
Time Series



Constituent: Selenium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

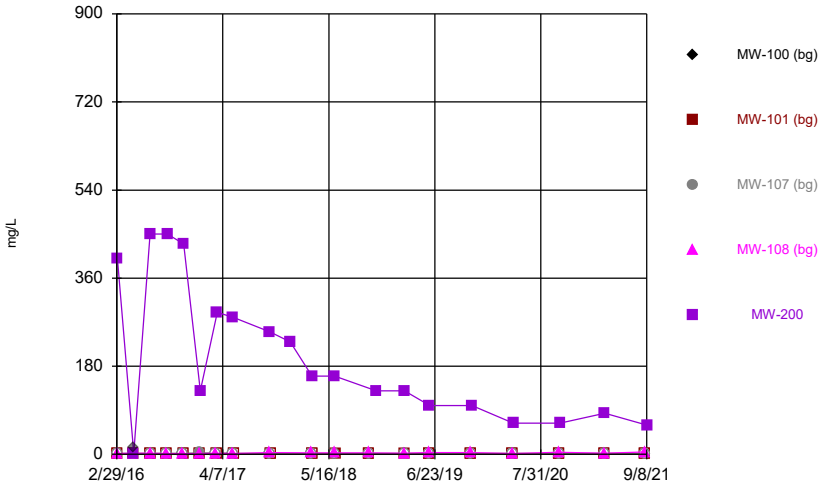
Time Series



Constituent: Selenium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

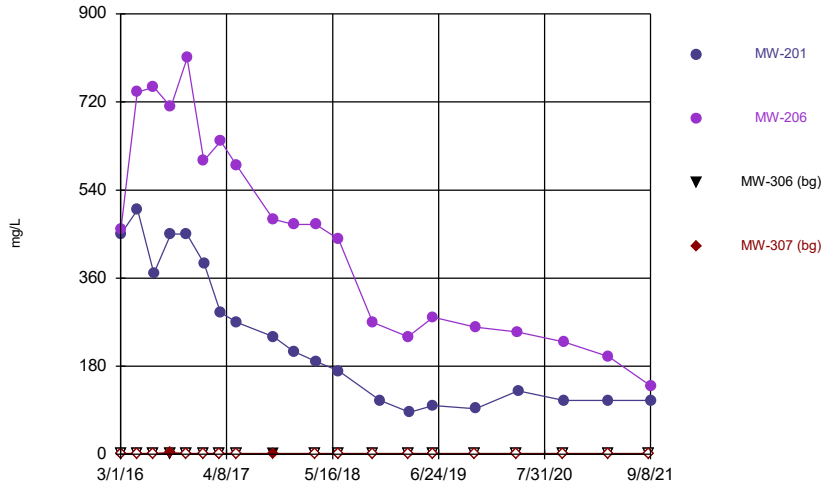
Time Series



Constituent: Sulfate Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

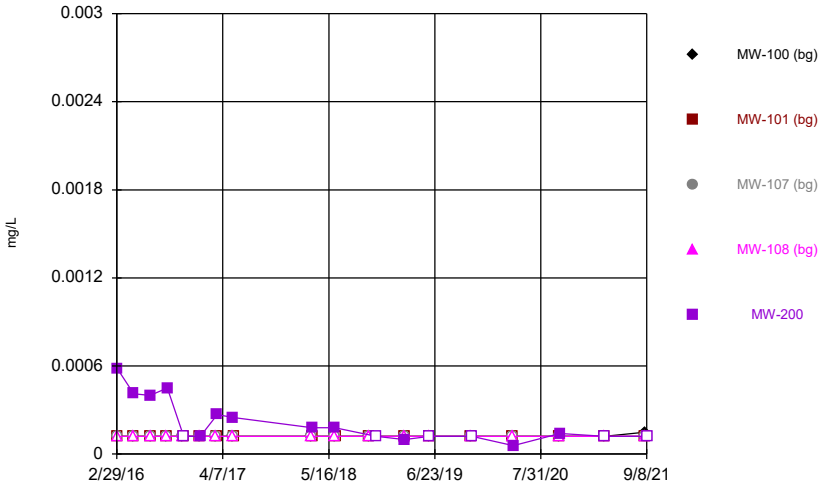
Time Series



Constituent: Sulfate Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

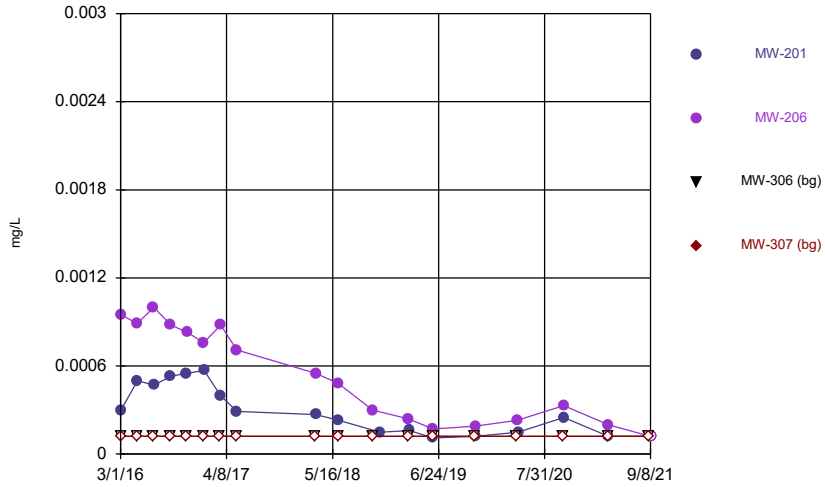
Time Series



Constituent: Thallium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

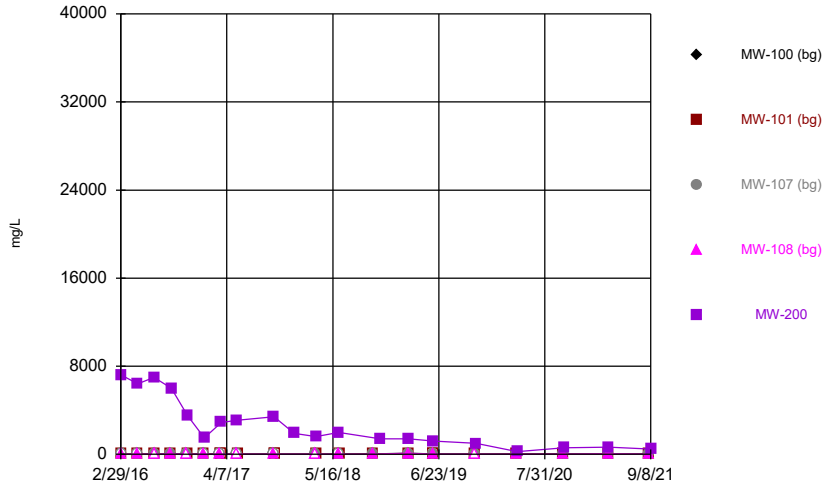
Time Series



Constituent: Thallium Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

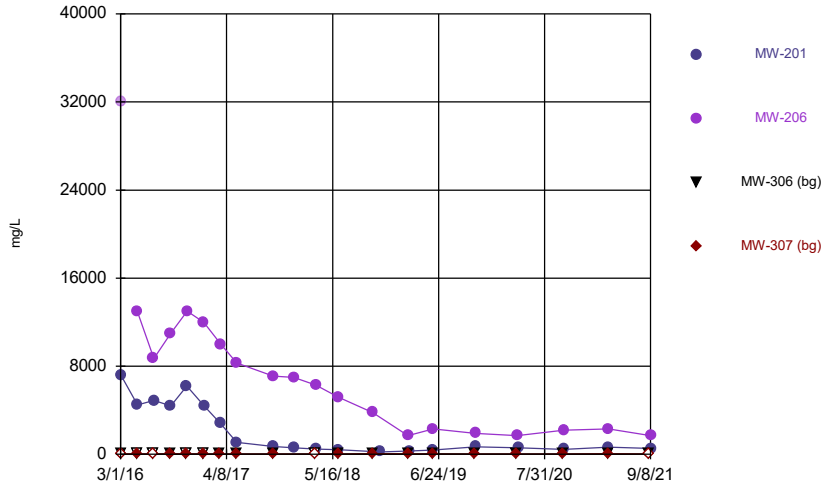
Time Series



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:08 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0015	<0.0015	<0.0015	<0.0015	
3/2/2016					<0.0015
5/2/2016	<0.0015		<0.0015	<0.0015	
5/3/2016					<0.0015
5/4/2016		<0.0015			
7/5/2016	<0.0015		<0.0015	<0.0015	<0.0015
7/8/2016		<0.0015			
9/6/2016	<0.0015	<0.0015	<0.0015	<0.0015	
9/8/2016					<0.0015
11/7/2016	<0.0015		<0.0015	<0.0015	
11/9/2016					<0.0015
11/10/2016		<0.0015			
1/9/2017	<0.0015		<0.0015	<0.0015	
1/11/2017		<0.0015			
1/12/2017					<0.0015
3/13/2017	<0.0015		<0.0015	<0.0015	
3/14/2017		<0.0015			
3/17/2017					<0.0015
5/15/2017	<0.0015		<0.0015	<0.0015	
5/16/2017					<0.0015
5/18/2017		<0.0015			
3/12/2018	<0.0015		<0.0015	<0.0015	
3/13/2018					<0.0015
3/14/2018		<0.0015			
6/5/2018	<0.0015		<0.0015	<0.0015	
6/8/2018					<0.0015
6/10/2018		<0.0015			
10/16/2018	<0.0015		<0.0015	<0.0015	
10/18/2018		<0.0015			
11/13/2018					<0.0015
2/27/2019	<0.0015	<0.0015	<0.0015	<0.0015	
2/28/2019					<0.0015
4/16/2020	<0.0015	<0.0015	<0.0015	<0.0015	
4/18/2020					<0.0015
10/7/2020	<0.0015	<0.0015	<0.0015	<0.0015	
10/12/2020					<0.0015
3/29/2021	<0.0015	<0.0015	<0.0015	<0.0015	
4/1/2021					<0.0015
9/2/2021	<0.0015	<0.0015	<0.0015	<0.0015	
9/8/2021					<0.0015

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0015	<0.0015
3/2/2016	<0.0015	<0.0015		
5/2/2016				<0.0015
5/3/2016		<0.0015	<0.0015	
5/4/2016	0.001 (J)			
7/5/2016		<0.0015	<0.0015	<0.0015
7/6/2016	<0.0015			
9/6/2016			<0.0015	<0.0015
9/8/2016	<0.0015	<0.0015		
11/7/2016			<0.0015	<0.0015
11/8/2016	<0.0015			
11/9/2016		<0.0015		
1/9/2017			<0.0015	<0.0015
1/12/2017		<0.0015		
1/13/2017	<0.0015			
3/13/2017			<0.0015	<0.0015
3/16/2017	<0.0015			
3/17/2017		<0.0015		
5/15/2017			<0.0015	<0.0015
5/17/2017	<0.0015	<0.0015		
3/12/2018			<0.0015	<0.0015
3/14/2018	<0.0015	0.0011 (J)		
6/6/2018			<0.0015	<0.0015
6/8/2018		<0.0015		
6/9/2018	<0.0015			
10/17/2018		<0.0015	<0.0015	<0.0015
11/14/2018	0.001 (J)			
2/27/2019			<0.0015	<0.0015
2/28/2019		<0.0015		
3/5/2019	<0.0015			
4/16/2020			<0.0015	<0.0015
4/18/2020		<0.0015		
4/22/2020	<0.0015			
10/7/2020			<0.0015	<0.0015
10/12/2020	<0.0015	<0.0015		
3/29/2021			<0.0015	<0.0015
4/1/2021	<0.0015	<0.0015		
9/2/2021			<0.0015	<0.0015
9/8/2021	<0.0015	<0.0015		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00039	<0.00039	<0.00039	<0.00039	
3/2/2016					0.0059 (J)
5/2/2016	<0.00039		<0.00039	<0.00039	
5/3/2016					0.0038
5/4/2016		<0.00039			
7/5/2016	<0.00039		<0.00039	<0.00039	0.0051
7/8/2016		<0.00039			
9/6/2016	<0.00039	<0.00039	<0.00039	<0.00039	
9/8/2016					0.0042 (J)
11/7/2016	<0.00039		<0.00039	<0.00039	
11/9/2016					<0.00039
11/10/2016		<0.00039			
1/9/2017	<0.00039		<0.00039	<0.00039	
1/11/2017		<0.00039			
1/12/2017					0.00068 (J)
3/13/2017	0.00069 (J)		<0.00039	0.00069 (J)	
3/14/2017		<0.00039			
3/17/2017					0.0029
5/15/2017	<0.00039		<0.00039	<0.00039	
5/16/2017					0.0018
5/18/2017		<0.00039			
3/12/2018	<0.00039		<0.00039	<0.00039	
3/13/2018					0.0013
3/14/2018		<0.00039			
6/5/2018	<0.00039		<0.00039	<0.00039	
6/8/2018					0.0018
6/10/2018		0.00046 (J)			
10/16/2018	<0.00039		<0.00039	<0.00039	
10/18/2018		<0.00039			
11/13/2018					0.00072 (J)
2/27/2019	<0.00039	<0.00039	<0.00039	<0.00039	
2/28/2019					0.00067 (J)
5/31/2019	<0.00039	<0.00039	<0.00039	<0.00039	
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	<0.00039	<0.00039	<0.00039	<0.00039	
4/18/2020					0.00044
10/7/2020	<0.00039	0.00056 (J)	<0.00039	<0.00039	
10/12/2020					<0.00039
3/29/2021	<0.00039	0.00078	<0.00039	0.00054	
4/1/2021					<0.00039
9/2/2021	0.00059	<0.00039	<0.00039	<0.00039	
9/8/2021					<0.00039

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00039	0.00038 (J)
3/2/2016	0.0033 (J)	0.021		
5/2/2016				0.00073 (J)
5/3/2016		0.016	<0.00039	
5/4/2016	0.0068			
7/5/2016		0.017	<0.00039	0.00077 (J)
7/6/2016	0.01			
9/6/2016			<0.00039	0.0013
9/8/2016	0.0093	0.011		
11/7/2016			<0.00039	<0.00039
11/8/2016	0.0043 (J)			
11/9/2016		0.011		
1/9/2017			<0.00039	0.00053 (J)
1/12/2017		0.0062		
1/13/2017	0.0034			
3/13/2017			<0.00039	<0.00039
3/16/2017	0.0023			
3/17/2017		0.0078		
5/15/2017			<0.00039	<0.00039
5/17/2017	0.0009 (J)	0.0052		
3/12/2018			<0.00039	<0.00039
3/14/2018	0.00062 (J)	0.0033		
6/6/2018			<0.00039	<0.00039
6/8/2018		0.003		
6/9/2018	0.00063 (J)			
10/17/2018		0.0028	<0.00039	<0.00039
11/14/2018	<0.00039			
2/27/2019			<0.00039	<0.00039
2/28/2019		0.00089 (J)		
3/5/2019	<0.00039			
5/31/2019			<0.00039	<0.00039
6/4/2019	<0.00039	0.001 (J)		
11/6/2019			0.00014 (J)	0.00024 (J)
11/12/2019	<0.00039	0.0022 (V)		
4/16/2020			<0.00039	<0.00039
4/18/2020		0.00086		
4/22/2020	<0.00039			
10/7/2020			0.00064 (J)	<0.00039
10/12/2020	<0.00039	0.0017		
3/29/2021			<0.00039	0.00042
4/1/2021	<0.00039	0.00064		
9/2/2021			<0.00039	<0.00039
9/8/2021	<0.00039	<0.00039		

Time Series

Constituent: Barium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	0.02	0.0088	0.012	0.011	
10/12/2020					0.025
3/29/2021	0.019	0.0097	0.011	0.011	
4/1/2021					0.031
9/2/2021	0.02	0.0089	0.012	0.011	
9/8/2021					0.026

Time Series

Constituent: Barium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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			
10/7/2020			0.013	0.016
10/12/2020	0.038	0.051		
3/29/2021			0.013	0.017
4/1/2021	0.055	0.051		
9/2/2021			0.012	0.017
9/8/2021	0.049	0.039		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00017	<0.00017	<0.00017	<0.00017	
3/2/2016					<0.00017
5/2/2016	<0.00017		<0.00017	<0.00017	
5/3/2016					<0.00017
5/4/2016		<0.00017			
7/5/2016	<0.00017		<0.00017	<0.00017	<0.00017
7/8/2016		<0.00017			
9/6/2016	<0.00017	<0.00017	<0.00017	<0.00017	
9/8/2016					<0.00017
11/7/2016	<0.00017		<0.00017	<0.00017	
11/9/2016					<0.00017
11/10/2016		<0.00017			
1/9/2017	<0.00017		<0.00017	<0.00017	
1/11/2017		<0.00017			
1/12/2017					<0.00017
3/13/2017	<0.00017		<0.00017	<0.00017	
3/14/2017		<0.00017			
3/17/2017					<0.00017
5/15/2017	<0.00017		<0.00017	<0.00017	
5/16/2017					<0.00017
5/18/2017		<0.00017			
3/12/2018	<0.00017		<0.00017	<0.00017	
3/13/2018					<0.00017
3/14/2018		<0.00017			
6/5/2018	<0.00017		<0.00017	<0.00017	
6/8/2018					<0.00017
6/10/2018		<0.00017			
10/16/2018	<0.00017		<0.00017	<0.00017	
10/18/2018		<0.00017			
11/13/2018					<0.0025 (J3)
2/27/2019	<0.00017	<0.00017	<0.00017	<0.00017	
2/28/2019					<0.00017
5/31/2019	<0.00017	<0.00017	<0.00017	<0.00017	
6/4/2019					<0.00017
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.00017	
11/12/2019					<0.00017
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.00017	
4/18/2020					4.5E-05 (J)
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)	
10/12/2020					<0.00017
3/29/2021	<0.00017	<0.00017	<0.00017	<0.00017	
4/1/2021					<0.00017
9/2/2021	<0.00017	<0.00017	<0.00017	<0.00017	
9/8/2021					<0.00017

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00017	<0.00017
3/2/2016	<0.00017	0.00055 (J)		
5/2/2016				<0.00017
5/3/2016		<0.00017	<0.00017	
5/4/2016	<0.00017			
7/5/2016		0.00048 (J)	<0.00017	<0.00017
7/6/2016	<0.00017			
9/6/2016			<0.00017	<0.00017
9/8/2016	<0.00017	<0.00017		
11/7/2016			<0.00017	<0.00017
11/8/2016	<0.00017			
11/9/2016		<0.00017		
1/9/2017			<0.00017	<0.00017
1/12/2017		<0.00017		
1/13/2017	<0.00017			
3/13/2017			<0.00017	<0.00017
3/16/2017	<0.00017			
3/17/2017		0.00042 (J)		
5/15/2017			<0.00017	<0.00017
5/17/2017	<0.00017	<0.00017		
3/12/2018			<0.00017	<0.00017
3/14/2018	<0.00017	<0.00017		
6/6/2018			<0.00017	<0.00017
6/8/2018		<0.00017		
6/9/2018	<0.00017			
10/17/2018		<0.00017	<0.00017	<0.00017
11/14/2018	<0.0025 (J3)			
2/27/2019			<0.00017	<0.00017
2/28/2019		<0.00017		
3/5/2019	<0.00017			
5/31/2019			<0.00017	<0.00017
6/4/2019	<0.00017	<0.00017		
11/6/2019			<0.00017	<0.00017
11/12/2019	<0.00017	<0.00017		
4/16/2020			<0.00017	<0.00017
4/18/2020		4.1E-05 (J)		
4/22/2020	6.9E-05 (J)			
10/7/2020			0.0014 (J)	0.0014 (J)
10/12/2020	<0.00017	<0.00017		
3/29/2021			<0.00017	<0.00017
4/1/2021	<0.00017	<0.00017		
9/2/2021			<0.00017	<0.00017
9/8/2021	<0.00017	<0.00017		

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.018	<0.018	<0.018	<0.018	
3/2/2016					32
5/2/2016	<0.018		<0.018	<0.018	
5/3/2016					38
5/4/2016		<0.018			
7/5/2016	<0.018		<0.018	<0.018	42
7/8/2016		<0.018			
9/6/2016	<0.018	<0.018	<0.018	<0.018	
9/8/2016					36
11/7/2016	<0.018		<0.018	<0.018	
11/9/2016					25
11/10/2016		<0.018			
1/9/2017	<0.018		<0.018	<0.018	
1/11/2017		<0.018			
1/12/2017					9.1
3/13/2017	<0.018		<0.018	0.022 (J)	
3/14/2017		<0.018			
3/17/2017					28
5/15/2017	<0.018		<0.018	<0.018	
5/16/2017					21
5/18/2017		<0.018			
10/2/2017	<0.018		<0.018	0.023 (J)	
10/4/2017					18
10/5/2017		<0.018			
12/20/2017					16 (R)
3/12/2018	<0.018		<0.018	<0.018	
3/13/2018					10
3/14/2018		<0.018			
6/5/2018	<0.018		<0.018	<0.018	
6/8/2018					12
6/10/2018		<0.018			
10/16/2018	<0.018		<0.018	<0.018	
10/18/2018		0.081			
11/13/2018					9.1
2/27/2019	<0.018	<0.018	<0.018	<0.018	
2/28/2019					8.5
5/31/2019	<0.018	<0.018	<0.018	<0.018	
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
10/7/2020	<0.018	<0.018	<0.018	<0.018	
10/12/2020					3
3/29/2021	<0.018	<0.018	<0.018	<0.018	
4/1/2021					2.9
9/2/2021	0.021	<0.018	0.018	0.022	
9/8/2021					2.1

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.018	<0.018
3/2/2016	33	82		
5/2/2016				<0.018
5/3/2016		100	<0.018	
5/4/2016	30			
7/5/2016		150	<0.018	<0.018
7/6/2016	35			
9/6/2016			<0.018	<0.018
9/8/2016	38	66		
11/7/2016			<0.018	<0.018
11/8/2016	39			
11/9/2016		81		
1/9/2017			<0.018	<0.018
1/12/2017		68		
1/13/2017	34			
3/13/2017			<0.018	<0.018
3/16/2017	21			
3/17/2017		72		
5/15/2017			<0.018	<0.018
5/17/2017	10	67		
10/2/2017			<0.018	<0.018
10/3/2017		52		
10/4/2017	6			
12/20/2017	4.9 (R)	51		
3/12/2018			<0.018	<0.018
3/14/2018	4.4	48		
6/6/2018			<0.018	<0.018
6/8/2018		40		
6/9/2018	4.1			
10/17/2018		25	<0.018	<0.018
11/14/2018	2.3			
2/27/2019			<0.018	<0.018
2/28/2019		20		
3/5/2019	2.1			
5/31/2019			<0.018	<0.018
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			
10/7/2020			<0.018	<0.018
10/12/2020	3.3	17		
3/29/2021			<0.018	<0.018
4/1/2021	4	19		
9/2/2021			<0.018	<0.018
9/8/2021	3.8	13		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00028	<0.00028	<0.00028	<0.00028	
3/2/2016					0.022 (o)
5/2/2016	<0.00028		<0.00028	<0.00028	
5/3/2016					<0.00028
5/4/2016		<0.00028			
7/5/2016	<0.00028		<0.00028	<0.00028	<0.00028
7/8/2016		<0.00028			
9/6/2016	<0.00028	<0.00028	<0.00028	<0.00028	
9/8/2016					<0.00028
11/7/2016	<0.00028		<0.00028	<0.00028	
11/9/2016					<0.00028
11/10/2016		<0.00028			
1/9/2017	<0.00028		<0.00028	<0.00028	
1/11/2017		<0.00028			
1/12/2017					<0.00028
3/13/2017	<0.00028		<0.00028	<0.00028	
3/14/2017		<0.00028			
3/17/2017					<0.00028
5/15/2017	<0.00028		<0.00028	<0.00028	
5/16/2017					<0.00028
5/18/2017		<0.00028			
3/12/2018	<0.00028		<0.00028	<0.00028	
3/13/2018					0.00039 (J)
3/14/2018		<0.00028			
6/5/2018	<0.00028		<0.00028	<0.00028	
6/8/2018					<0.00028
6/10/2018		<0.00028			
10/16/2018	<0.00028		<0.00028	<0.00028	
10/18/2018		<0.00028			
11/13/2018					<0.00028
2/27/2019	<0.00028	<0.00028	<0.00028	<0.00028	
2/28/2019					<0.00028
5/31/2019	<0.00028	<0.00028	<0.00028	<0.00028	
6/4/2019					<0.00028
11/6/2019	<0.00028	<0.00028	<0.00028	<0.00028	
11/12/2019					0.00061 (J)
4/16/2020	<0.00028	<0.00028	<0.00028	<0.00028	
4/18/2020					0.00091
10/7/2020	<0.00028	<0.00028	<0.00028	<0.00028	
10/12/2020					<0.00028
3/29/2021	<0.00028	<0.00028	<0.00028	<0.00028	
4/1/2021					0.0012
9/2/2021	<0.00028	<0.00028	<0.00028	<0.00028	
9/8/2021					0.0006

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00028	<0.00028
3/2/2016	<0.00028	0.0031 (J)		
5/2/2016				<0.00028
5/3/2016		0.0025	<0.00028	
5/4/2016	0.014			
7/5/2016		0.0026	<0.00028	<0.00028
7/6/2016	0.015			
9/6/2016			<0.00028	<0.00028
9/8/2016	0.015	0.0026 (J)		
11/7/2016			<0.00028	<0.00028
11/8/2016	0.014			
11/9/2016		0.0032 (J)		
1/9/2017			<0.00028	<0.00028
1/12/2017		0.0031		
1/13/2017	0.013			
3/13/2017			<0.00028	<0.00028
3/16/2017	0.0084			
3/17/2017		0.0027		
5/15/2017			<0.00028	<0.00028
5/17/2017	0.0044	0.0024 (J)		
3/12/2018			<0.00028	<0.00028
3/14/2018	0.0032	0.0014 (J)		
6/6/2018			<0.00028	<0.00028
6/8/2018		0.0014 (J)		
6/9/2018	0.0029			
10/17/2018		0.00088 (J)	<0.00028	<0.00028
11/14/2018	0.0021 (J)			
2/27/2019			<0.00028	<0.00028
2/28/2019		0.00065 (J)		
3/5/2019	0.0023 (J)			
5/31/2019			<0.00028	<0.00028
6/4/2019	0.0017 (J)	0.00035 (J)		
11/6/2019			<0.00028	<0.00028
11/12/2019	0.002 (J)	0.00055 (J)		
4/16/2020			<0.00028	<0.00028
4/18/2020		0.00029 (J)		
4/22/2020	0.0013			
10/7/2020			<0.00028	<0.00028
10/12/2020	0.0015 (J)	<0.00028		
3/29/2021			<0.00028	<0.00028
4/1/2021	0.0012	0.00065		
9/2/2021			<0.00028	<0.00028
9/8/2021	0.0013	0.00044		

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	0.93	0.47	0.43	1.6	
10/12/2020					74
3/29/2021	1	0.43	0.46	1.6	
4/1/2021					75
9/2/2021	1.1	0.63	0.47	1.5	
9/8/2021					74

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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			
10/7/2020			0.63	0.67
10/12/2020	58	300		
3/29/2021			0.68	0.75
4/1/2021	75	290		
9/2/2021			0.56	0.73
9/8/2021	72	200		

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	6.6	5.9	5.7	5.1	
10/12/2020					130
3/29/2021	10	5.8	5.2	5	
4/1/2021					130
9/2/2021	5.8	5.1	5.1	5.2	
9/8/2021					100

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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			
10/7/2020			6.1	4.7
10/12/2020	82	610		
3/29/2021			6.2	5.4
4/1/2021	140	510		
9/2/2021			5.9	5.1
9/8/2021	130	440		

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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					<0.001
5/2/2016	0.0029		0.0019 (J)	0.0034	
5/3/2016					<0.001
5/4/2016		<0.001			
7/5/2016	<0.001		0.0051	0.0059	<0.001
7/8/2016		<0.001			
9/6/2016	<0.001	<0.001	<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		0.017 (o)	<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	<0.001		<0.001	<0.001	
3/13/2018					<0.001
3/14/2018		<0.001			
6/5/2018	<0.001		<0.001	<0.001	
6/8/2018					<0.001
6/10/2018		<0.001			
10/16/2018	<0.001		<0.001	<0.001	
10/18/2018		<0.001			
2/27/2019	<0.001	<0.001	<0.001	<0.001	
2/28/2019					<0.001
5/31/2019	<0.001	<0.001	<0.001	<0.001	
11/6/2019	<0.001	<0.001	<0.001	<0.001	
4/16/2020	<0.001	<0.001	<0.001	<0.001	
4/18/2020					<0.001
10/7/2020	<0.001	0.0046	0.001 (J)	0.0015 (J)	
10/12/2020					<0.001
3/29/2021	<0.001	0.0024	<0.001	<0.001	
4/1/2021					<0.001
9/2/2021	0.0014	<0.001	<0.001	<0.001	
9/8/2021					<0.001

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.001	0.00056 (J)
3/2/2016	<0.001	0.0026 (J)		
5/2/2016				0.0021 (J)
5/3/2016		<0.001	0.0012 (J)	
5/4/2016	<0.001			
7/5/2016		<0.001	<0.001	<0.001
7/6/2016	<0.001			
9/6/2016			<0.001	<0.001
9/8/2016	<0.001	<0.001		
11/7/2016			<0.001	<0.001
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	<0.001			
3/13/2017			<0.001	<0.001
3/16/2017	<0.001			
3/17/2017		<0.001		
5/15/2017			<0.001	<0.001
5/17/2017	<0.001	<0.001		
3/12/2018			<0.001	<0.001
3/14/2018	<0.001	<0.001		
6/6/2018			<0.001	<0.001
6/8/2018		<0.001		
6/9/2018	<0.001			
10/17/2018			<0.001	<0.001
2/27/2019			<0.001	<0.001
2/28/2019		<0.001		
3/5/2019	<0.001			
5/31/2019			<0.001	<0.001
11/6/2019			<0.001	<0.001
4/16/2020			<0.001	<0.001
4/18/2020		<0.001		
4/22/2020	<0.001			
10/7/2020			0.0033	0.0017 (J)
10/12/2020	0.0011 (J)	<0.001		
3/29/2021			<0.001	<0.001
4/1/2021	0.0018	<0.001		
9/2/2021			<0.001	<0.001
9/8/2021	0.002	<0.001		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	0.00039 (J)	<0.00056	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		<0.00056			
7/5/2016	0.00049 (J)		0.0027	0.0032	0.0015 (J)
7/8/2016		<0.00056			
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.00056	
9/8/2016					<0.00056
11/7/2016	0.00049 (J)		0.00058 (J)	<0.00056	
11/9/2016					<0.00056
11/10/2016		<0.00056			
1/9/2017	0.00045 (J)		0.00059 (J)	<0.00056	
1/11/2017		<0.00056			
1/12/2017					0.00056 (J)
3/13/2017	0.00048 (J)		0.0005 (J)	<0.00056	
3/14/2017		<0.00056			
3/17/2017					0.0012 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.00056	
5/16/2017					0.0013 (J)
5/18/2017		<0.00056			
3/12/2018	0.00055 (J)		0.00055 (J)	<0.00056	
3/13/2018					0.0011 (J)
3/14/2018		<0.00056			
6/5/2018	0.00051 (J)		0.00052 (J)	<0.00056	
6/8/2018					0.0028
6/10/2018		<0.00056			
10/16/2018	0.00058 (J)		0.00045 (J)	<0.00056	
10/18/2018		<0.00056			
11/13/2018					0.0019 (J)
2/27/2019	0.00065 (J)	<0.00056	0.00056 (J)	<0.00056	
2/28/2019					0.0024 (J)
5/31/2019	0.00046 (J)	<0.00056	<0.00056	<0.00056	
6/4/2019					0.0013 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	
11/12/2019					<0.00056
4/16/2020	0.00058	0.00035 (J)	0.00043 (J)	0.00021 (J)	
4/18/2020					0.00048 (J)
10/7/2020	0.0006 (J)	<0.00056	<0.00056	<0.00056	
10/12/2020					<0.00056
3/29/2021	0.00059	<0.00056	<0.00056	<0.00056	
4/1/2021					0.0013
9/2/2021	0.00069	<0.00056	<0.00056	<0.00056	
9/8/2021					0.00061

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.00056	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)	<0.00056
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	<0.00056	0.00043 (J)
11/14/2018	0.0016 (J)			
2/27/2019			<0.00056	0.00045 (J)
2/28/2019		0.0022 (J)		
3/5/2019	0.0017 (J)			
5/31/2019			<0.00056	<0.00056
6/4/2019	0.0014 (J)	0.0018 (J)		
11/6/2019			0.00029 (J)	0.00094 (J)
11/12/2019	<0.00056	0.00067 (J)		
4/16/2020			0.00029 (J)	0.00053
4/18/2020		0.0016		
4/22/2020	0.00091			
10/7/2020			<0.00056	<0.00056
10/12/2020	0.0014 (J)	0.0019 (J)		
3/29/2021			<0.00056	0.00062
4/1/2021	0.0012	0.002		
9/2/2021			<0.00056	0.00069
9/8/2021	0.00071	0.0014		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	1.14	1.07	0.763	1.75	
10/12/2020					4.51
3/29/2021	1.72	0.561	0.708		
3/30/2021				1.71	
4/1/2021					5.51
9/2/2021	1.65	0.975	1.75	2.13	
9/8/2021					4.54

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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			
10/7/2020			0.709 (U)	0.46 (U)
10/12/2020	7.02	9.54		
3/29/2021			0.899	0.642
4/1/2021	9.55	9.3		
9/2/2021			0.856	0.951
9/8/2021	8.42	6.25		

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	4.74	5.08	4.91	4.8	
10/12/2020					5.3
3/29/2021	4.79	4.92	4.89	4.8	
4/1/2021					5.06
9/2/2021	4.81	5.07	4.87	4.77	
9/8/2021					5.21

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 7:09 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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			
10/7/2020			5.13	5.5
10/12/2020	4.56	4.82		
3/29/2021			4.93	5.46
4/1/2021	4.52	4.59		
9/2/2021			4.94	5.16
9/8/2021	4.63	4.77		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.032	<0.032	<0.032	<0.032	
3/2/2016					0.088 (J)
5/2/2016	<0.032		<0.032	<0.032	
5/3/2016					0.05 (J)
5/4/2016		<0.032			
7/5/2016	<0.032		<0.032	<0.032	0.07 (J)
7/8/2016		<0.032			
9/6/2016	<0.032	<0.032	<0.032	<0.032	
9/8/2016					0.07 (J)
11/7/2016	<0.032		<0.032	<0.032	
11/9/2016					0.06 (J)
11/10/2016		<0.032			
1/9/2017	<0.032		<0.032	<0.032	
1/11/2017		<0.032			
1/12/2017					<0.032
3/13/2017	<0.032		<0.032	<0.032	
3/14/2017		<0.032			
3/17/2017					0.05 (J)
5/15/2017	<0.032		<0.032	<0.032	
5/16/2017					0.06 (J)
5/18/2017		<0.032			
10/2/2017	<0.032		<0.032	<0.032	
10/4/2017					0.08 (J)
10/5/2017		<0.032			
3/12/2018	<0.032		<0.032	<0.032	
3/13/2018					0.05 (J)
3/14/2018		0.12			
6/5/2018	<0.032		<0.032	<0.032	
6/8/2018					0.13
6/10/2018		<0.032			
10/16/2018	<0.032		<0.032	<0.032	
10/18/2018		<0.032			
11/13/2018					0.1
2/27/2019	<0.032	<0.032	<0.032	<0.032	
2/28/2019					0.3
5/31/2019	<0.032	<0.032	<0.032	<0.032	
6/4/2019					<0.032
11/6/2019	<0.032	<0.032	<0.032	<0.032	
11/12/2019					0.072 (J)
4/16/2020	<0.032	<0.032	<0.032	<0.032	
4/18/2020					<0.032
10/7/2020	<0.032	<0.032	<0.032	<0.032	
10/12/2020					<0.032
3/29/2021	0.06	<0.032	<0.032	<0.032	
4/1/2021					0.07
9/2/2021	0.08	0.04	0.1	<0.032	
9/8/2021					0.049

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.032	0.033 (J)
3/2/2016	0.54	0.074 (J)		
5/2/2016				<0.032
5/3/2016		0.05 (J)	<0.032	
5/4/2016	0.41			
7/5/2016		0.05 (J)	<0.032	<0.032
7/6/2016	0.49			
9/6/2016			<0.032	<0.032
9/8/2016	0.57	0.05 (J)		
11/7/2016			<0.032	<0.032
11/8/2016	0.47			
11/9/2016		0.04 (J)		
1/9/2017			<0.032	<0.032
1/12/2017		0.04 (J)		
1/13/2017	0.73			
3/13/2017			<0.032	<0.032
3/16/2017	0.92			
3/17/2017		0.04 (J)		
5/15/2017			<0.032	<0.032
5/17/2017	0.77	0.06 (J)		
10/2/2017			<0.032	<0.032
10/3/2017		0.11		
10/4/2017	0.96			
12/20/2017	0.88 (R)	0.08 (I)		
3/12/2018			<0.032	<0.032
3/14/2018	0.84	0.08 (J)		
6/6/2018			<0.032	<0.032
6/8/2018		0.1		
6/9/2018	0.78			
10/17/2018		0.12	<0.032	<0.032
11/14/2018	0.67			
2/27/2019			<0.032	<0.032
2/28/2019		0.1		
3/5/2019	0.64			
5/31/2019			<0.032	<0.032
6/4/2019	0.09 (J)	0.08 (J)		
11/6/2019			<0.032	<0.032
11/12/2019	0.57	0.045 (J)		
4/16/2020			<0.032	<0.032
4/18/2020		<0.032		
4/22/2020	0.39			
10/7/2020			<0.032	<0.032
10/12/2020	0.46	0.04 (J)		
3/29/2021			<0.032	<0.032
4/1/2021	0.5	0.07		
9/2/2021			<0.032	0.04
9/8/2021	0.36	0.048		

Time Series

Constituent: Lead (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00029	<0.00029	<0.00029	<0.00029	
3/2/2016					<0.00029
5/2/2016	<0.00029		<0.00029	<0.00029	
5/3/2016					0.0015
5/4/2016		<0.00029			
7/5/2016	<0.00029		<0.00029	<0.00029	0.0017
7/8/2016		<0.00029			
9/6/2016	<0.00029	<0.00029	<0.00029	<0.00029	
9/8/2016					0.0021 (J)
11/7/2016	<0.00029		<0.00029	<0.00029	
11/9/2016					<0.00029
11/10/2016		<0.00029			
1/9/2017	<0.00029		<0.00029	<0.00029	
1/11/2017		<0.00029			
1/12/2017					0.00041 (J)
3/13/2017	<0.00029		<0.00029	<0.00029	
3/14/2017		<0.00029			
3/17/2017					0.0011 (J)
5/15/2017	<0.00029		<0.00029	<0.00029	
5/16/2017					0.0011 (J)
5/18/2017		<0.00029			
3/12/2018	<0.00029		<0.00029	<0.00029	
3/13/2018					0.00047 (J)
3/14/2018		<0.00029			
6/5/2018	<0.00029		<0.00029	<0.00029	
6/8/2018					0.0013
6/10/2018		<0.00029			
10/16/2018	<0.00029		<0.00029	<0.00029	
10/18/2018		<0.00029			
11/13/2018					0.0014
2/27/2019	<0.00029	<0.00029	0.001 (J)	<0.00029	
2/28/2019					0.0012 (J)
5/31/2019	<0.00029	<0.00029	<0.00029	<0.00029	
6/4/2019					0.00079 (J)
11/6/2019	0.0001 (J)	<0.00029	6.6E-05 (J)	8.4E-05 (J)	
11/12/2019					0.00069 (J)
4/16/2020	6.6E-05 (J)	<0.00029	<0.00029	<0.00029	
4/18/2020					0.00042
10/7/2020	<0.00029	<0.00029	<0.00029	<0.00029	
10/12/2020					0.00034 (J)
3/29/2021	<0.00029	<0.00029	<0.00029	<0.00029	
4/1/2021					0.00058
9/2/2021	<0.00029	<0.00029	<0.00029	<0.00029	
9/8/2021					<0.00029

Time Series

Constituent: Lead (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00029	<0.00029
3/2/2016	<0.00029	0.011		
5/2/2016				<0.00029
5/3/2016		0.0087	<0.00029	
5/4/2016	<0.00029			
7/5/2016		0.011	<0.00029	<0.00029
7/6/2016	<0.00029			
9/6/2016			<0.00029	<0.00029
9/8/2016	<0.00029	0.0092		
11/7/2016			<0.00029	<0.00029
11/8/2016	<0.00029			
11/9/2016		0.01		
1/9/2017			<0.00029	<0.00029
1/12/2017		0.0086		
1/13/2017	<0.00029			
3/13/2017			<0.00029	<0.00029
3/16/2017	<0.00029			
3/17/2017		0.0082		
5/15/2017			<0.00029	<0.00029
5/17/2017	<0.00029	0.0081		
3/12/2018			<0.00029	<0.00029
3/14/2018	<0.00029	0.004		
6/6/2018			<0.00029	<0.00029
6/8/2018		0.0034		
6/9/2018	<0.00029			
10/17/2018		0.0026	<0.00029	<0.00029
11/14/2018	<0.00029			
2/27/2019			<0.00029	<0.00029
2/28/2019		0.0019		
3/5/2019	0.00037 (J)			
5/31/2019			<0.00029	<0.00029
6/4/2019	0.00065 (J)	0.0011 (J)		
11/6/2019			<0.00029	0.0002 (J)
11/12/2019	0.00061 (J)	0.001 (J)		
4/16/2020			<0.00029	0.00016 (J)
4/18/2020		0.00057		
4/22/2020	0.0005			
10/7/2020			<0.00029	<0.00029
10/12/2020	0.0005 (J)	0.00085 (J)		
3/29/2021			<0.00029	<0.00029
4/1/2021	0.00057	0.00076		
9/2/2021			<0.00029	<0.00029
9/8/2021	0.00034	0.0004		

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0019	<0.0019	<0.0019	<0.0019	
3/2/2016					0.01 (J)
5/2/2016	<0.0019		<0.0019	<0.0019	
5/3/2016					<0.0019
5/4/2016		<0.0019			
7/5/2016	<0.0019		<0.0019	<0.0019	<0.0019
7/8/2016		<0.0019			
9/6/2016	<0.0019	0.0037 (J)	<0.0019	<0.0019	
9/8/2016					<0.0019
11/7/2016	<0.0019		<0.0019	<0.0019	
11/9/2016					<0.0019
11/10/2016		<0.0019			
1/9/2017	<0.0019		<0.0019	<0.0019	
1/11/2017		<0.0019			
1/12/2017					<0.0019
3/13/2017	<0.0019		<0.0019	<0.0019	
3/14/2017		<0.0019			
3/17/2017					<0.0019
5/15/2017	<0.0019		<0.0019	<0.0019	
5/16/2017					<0.0019
5/18/2017		<0.0019			
3/12/2018	0.0011 (J)		0.0014 (J)	<0.0019	
3/13/2018					<0.0019
3/14/2018		<0.0019			
6/5/2018	<0.0019		0.0012 (J)	<0.0019	
6/8/2018					<0.0019
6/10/2018		<0.0019			
10/16/2018	<0.0019		0.0015 (J)	0.0013 (J)	
10/18/2018		0.0013 (J)			
11/13/2018					0.0024 (J)
2/27/2019	<0.0019	<0.0019	<0.0019	<0.0019	
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	<0.0019	
11/12/2019					<0.0019
4/16/2020	0.0006 (J)	<0.0019	0.00063 (J)	<0.0019	
4/18/2020					<0.0019
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)	
10/12/2020					<0.0019
3/29/2021	<0.0019	0.0019	<0.0019	<0.0019	
4/1/2021					<0.0019
9/2/2021	<0.0019	<0.0019	<0.0019	<0.0019	
9/8/2021					<0.0019

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0019	0.0037
3/2/2016	<0.0019	<0.0019		
5/2/2016				<0.0019
5/3/2016		<0.0019	<0.0019	
5/4/2016	0.0069			
7/5/2016		<0.0019	<0.0019	<0.0019
7/6/2016	0.0086			
9/6/2016			<0.0019	<0.0019
9/8/2016	0.035	<0.0019		
11/7/2016			<0.0019	0.0097 (o)
11/8/2016	<0.0019			
11/9/2016		<0.0019		
1/9/2017			<0.0019	<0.0019
1/12/2017		<0.0019		
1/13/2017	0.0078			
3/13/2017			<0.0019	<0.0019
3/16/2017	0.0062			
3/17/2017		<0.0019		
5/15/2017			<0.0019	<0.0019
5/17/2017	0.0042 (J)	<0.0019		
3/12/2018			<0.0019	<0.0019
3/14/2018	0.0053	<0.0019		
6/6/2018			<0.0019	0.0021 (J)
6/8/2018		0.0012 (J)		
6/9/2018	0.0044 (J)			
10/17/2018		0.0014 (J)	<0.0019	0.0012 (J)
11/14/2018	0.005			
2/27/2019			<0.0019	0.002 (J)
2/28/2019		<0.0019		
3/5/2019	0.0043 (J)			
5/31/2019			0.0015 (J)	0.0026 (J)
6/4/2019	0.0044 (J)	<0.0019		
11/6/2019			0.00063 (J)	0.0012
11/12/2019	0.0026 (J)	<0.0019		
4/16/2020			<0.0019	0.00091 (J)
4/18/2020		<0.0019		
4/22/2020	0.0024			
10/7/2020			0.005	0.0049 (J)
10/12/2020	0.0026 (J)	<0.0019		
3/29/2021			<0.0019	0.0042
4/1/2021	0.005	0.0029		
9/2/2021			<0.0019	<0.0019
9/8/2021	0.0033	<0.0019		

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00015	<0.00015	9.1E-05 (J)	<0.00015	
3/2/2016					0.0027
5/2/2016	<0.00015		7.4E-05 (J)	<0.00015	
5/3/2016					0.003
5/4/2016		<0.00015			
7/5/2016	<0.00015		<0.00015	<0.00015	0.0023
7/8/2016		<0.00015 (*)			
9/6/2016	<0.00015 (*)	<0.00015	<0.00015 (*)	<0.00015	
9/8/2016					0.0034
11/7/2016	<0.00015		<0.00015	<0.00015	
11/9/2016					0.0012
11/10/2016		<0.00015			
1/9/2017	<0.00015 (*)		<0.00015 (*)	<0.00015 (*)	
1/11/2017		<0.00015			
1/12/2017					0.0012
3/13/2017	<0.00015		<0.00015	<0.00015	
3/14/2017		<0.00015 (*)			
3/17/2017					0.0022
5/15/2017	<0.00015		<0.00015	<0.00015	
5/16/2017					0.0019
5/18/2017		<0.00015			
3/12/2018	<0.00015		<0.00015	<0.00015	
3/13/2018					0.0014
3/14/2018		9.3E-05 (J)			
6/5/2018	<0.00015		<0.00015	<0.00015	
6/8/2018					0.0018
6/10/2018		<0.00015			
10/16/2018	<0.00015		<0.00015	<0.00015	
10/18/2018		<0.00015			
11/13/2018					0.0021
2/27/2019	<0.00015	<0.00015	<0.00015	<0.00015	
2/28/2019					0.0016
5/31/2019	<0.00015	<0.00015	<0.00015	<0.00015	
6/4/2019					0.00061
11/6/2019	<0.00015	<0.00015	<0.00015	<0.00015	
11/12/2019					0.00056
4/16/2020	<0.00015	<0.00015	<0.00015	<0.00015	
4/18/2020					0.00013 (J)
10/7/2020	<0.00015	<0.00015	0.00025	0.00013 (J)	
10/12/2020					0.00017 (J)
3/29/2021	<0.00015	<0.00015	<0.00015	<0.00015	
4/1/2021					0.00025
9/2/2021	<0.00015	<0.00015	<0.00015	<0.00015	
9/8/2021					<0.00015

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00015	<0.00015
3/2/2016	0.0026	0.00024		
5/2/2016				<0.00015
5/3/2016		0.00036	<0.00015	
5/4/2016	0.0022			
7/5/2016		0.0007	<0.00015	<0.00015
7/6/2016	0.0026			
9/6/2016			<0.00015 (*)	<0.00015 (*)
9/8/2016	0.0027	0.00081		
11/7/2016			<0.00015	<0.00015
11/8/2016	0.0016			
11/9/2016		0.00099		
1/9/2017			<0.00015 (*)	<0.00015 (*)
1/12/2017		0.00064		
1/13/2017	0.0026			
3/13/2017			<0.00015	<0.00015
3/16/2017	0.0015			
3/17/2017		0.00033		
5/15/2017			<0.00015	<0.00015
5/17/2017	0.00016 (J)	0.00034		
3/12/2018			<0.00015	<0.00015
3/14/2018	0.00051	0.0002		
6/6/2018			<0.00015	<0.00015
6/8/2018		0.00016 (J)		
6/9/2018	0.00032			
10/17/2018		0.00014 (J)	<0.00015	<0.00015
11/14/2018	8.2E-05 (J)			
2/27/2019			<0.00015	<0.00015
2/28/2019		0.00012 (J)		
3/5/2019	0.0026			
5/31/2019			<0.00015	<0.00015
6/4/2019	0.0012	<0.00015		
11/6/2019			<0.00015	<0.00015
11/12/2019	0.00048	<0.00015		
4/16/2020			<0.00015	<0.00015
4/18/2020		<0.00015		
4/22/2020	0.0004			
10/7/2020			8E-05 (J)	<0.00015
10/12/2020	0.00026	<0.00015		
3/29/2021			<0.00015	<0.00015
4/1/2021	0.00029	<0.00015		
9/2/2021			<0.00015	<0.00015
9/8/2021	<0.00015	<0.00015		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0045	<0.0045	<0.0045	<0.0045	
3/2/2016					<0.0045
5/2/2016	<0.0045		<0.0045	<0.0045	
5/3/2016					<0.0045
5/4/2016		<0.0045			
7/5/2016	<0.0045		<0.0045	<0.0045	<0.0045
7/8/2016		<0.0045			
9/6/2016	<0.0045	<0.0045	<0.0045	<0.0045	
9/8/2016					<0.0045
11/7/2016	<0.0045		<0.0045	<0.0045	
11/9/2016					<0.0045
11/10/2016		<0.0045			
1/9/2017	<0.0045		<0.0045	<0.0045	
1/11/2017		<0.0045			
1/12/2017					<0.0045
3/13/2017	0.0042 (J)		<0.0045	0.0022 (J)	
3/14/2017		<0.0045			
3/17/2017					0.0078 (J)
5/15/2017	<0.0045		<0.0045	<0.0045	
5/16/2017					<0.0045
5/18/2017		<0.0045			
3/12/2018	<0.0045		<0.0045	<0.0045	
3/13/2018					<0.0045
3/14/2018		<0.0045			
6/5/2018	<0.0045		0.00088 (J)	<0.0045	
6/8/2018					<0.0045
6/10/2018		<0.0045			
10/16/2018	<0.0045		<0.0045	<0.0045	
10/18/2018		<0.0045			
11/13/2018					<0.0045
2/27/2019	<0.0045	<0.0045	<0.0045	<0.0045	
2/28/2019					<0.0045
5/31/2019	<0.0045	<0.0045	<0.0045	<0.0045	
11/6/2019	<0.0045	<0.0045	<0.0045	<0.0045	
4/16/2020	<0.0045	<0.0045	<0.0045	<0.0045	
4/18/2020					<0.0045
10/7/2020	<0.0045	<0.0045	<0.0045	<0.0045	
10/12/2020					<0.0045
3/29/2021	<0.0045	<0.0045	<0.0045	<0.0045	
4/1/2021					<0.0045
9/2/2021	<0.0045	<0.0045	<0.0045	<0.0045	
9/8/2021					<0.0045

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0045	<0.0045
3/2/2016	<0.0045	<0.0045		
5/2/2016				<0.0045
5/3/2016		<0.0045	<0.0045	
5/4/2016	<0.0045			
7/5/2016		<0.0045	<0.0045	<0.0045
7/6/2016	<0.0045			
9/6/2016			<0.0045	<0.0045
9/8/2016	<0.0045	<0.0045		
11/7/2016			<0.0045	<0.0045
11/8/2016	<0.0045			
11/9/2016		<0.0045		
1/9/2017			<0.0045	<0.0045
1/12/2017		<0.0045		
1/13/2017	<0.0045			
3/13/2017			<0.0045	<0.0045
3/16/2017	0.0015 (J)			
3/17/2017		<0.0045		
5/15/2017			<0.0045	<0.0045
5/17/2017	<0.0045	<0.0045		
3/12/2018			<0.0045	<0.0045
3/14/2018	<0.0045	0.00092 (J)		
6/6/2018			<0.0045	<0.0045
6/8/2018		<0.0045		
6/9/2018	<0.0045			
10/17/2018		<0.0045	<0.0045	<0.0045
11/14/2018	<0.0045			
2/27/2019			<0.0045	<0.0045
2/28/2019		<0.0045		
3/5/2019	<0.0045			
5/31/2019			<0.0045	<0.0045
11/6/2019			<0.0045	<0.0045
4/16/2020			<0.0045	<0.0045
4/18/2020		<0.0045		
4/22/2020	<0.0045			
10/7/2020			<0.0045	<0.0045
10/12/2020	<0.0045	<0.0045		
3/29/2021			<0.0045	<0.0045
4/1/2021	<0.0045	<0.0045		
9/2/2021			<0.0045	<0.0045
9/8/2021	<0.0045	<0.0045		

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00082	<0.00082	<0.00082	<0.00082	
3/2/2016					0.018
5/2/2016	<0.00082		<0.00082	0.00025 (J)	
5/3/2016					0.016
5/4/2016		<0.00082			
7/5/2016	<0.00082		<0.00082	<0.00082	0.018
7/8/2016		<0.00082			
9/6/2016	0.00049 (J)	<0.00082	<0.00082	0.00027 (J)	
9/8/2016					0.016
11/7/2016	<0.00082		<0.00082	<0.00082	
11/9/2016					0.013
11/10/2016		<0.00082			
1/9/2017	<0.00082		<0.00082	<0.00082	
1/11/2017		0.00049 (J)			
1/12/2017					0.004
3/13/2017	0.0023		<0.00082	0.0025	
3/14/2017		<0.00082			
3/17/2017					0.015
5/15/2017	<0.00082		<0.00082	<0.00082	
5/16/2017					0.01
5/18/2017		<0.00082			
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	<0.00082		<0.00082	<0.00082	
10/18/2018		<0.00082			
11/13/2018					0.0062
2/27/2019	<0.00082	<0.00082	<0.00082	<0.00082	
2/28/2019					0.0044
5/31/2019	<0.00082	<0.00082	<0.00082	<0.00082	
6/4/2019					0.0044
11/6/2019	<0.00082	<0.00082	<0.00082	0.00034	
11/12/2019					0.0042
4/16/2020	<0.00082	<0.00082	<0.00082	0.0004	
4/18/2020					0.0028
10/7/2020	<0.00082	<0.00082	<0.00082	<0.00082	
10/12/2020					0.0025
3/29/2021	<0.00082	<0.00082	<0.00082	<0.00082	
4/1/2021					0.0042
9/2/2021	<0.00082	<0.00082	<0.00082	<0.00082	
9/8/2021					0.0033

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00082	<0.00082
3/2/2016	0.013	0.026		
5/2/2016				<0.00082
5/3/2016		0.019	<0.00082	
5/4/2016	0.014			
7/5/2016		0.018	<0.00082	<0.00082
7/6/2016	0.015			
9/6/2016			<0.00082	<0.00082
9/8/2016	0.018	0.018		
11/7/2016			<0.00082	<0.00082
11/8/2016	0.015			
11/9/2016		0.02		
1/9/2017			<0.00082	<0.00082
1/12/2017		0.017		
1/13/2017	0.014			
3/13/2017			<0.00082	<0.00082
3/16/2017	0.012			
3/17/2017		0.016		
5/15/2017			<0.00082	<0.00082
5/17/2017	0.0094	0.013		
3/12/2018			0.00026 (J)	<0.00082
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	<0.00082	<0.00082
11/14/2018	0.0031			
2/27/2019			<0.00082	<0.00082
2/28/2019		0.011		
3/5/2019	0.0012 (J)			
5/31/2019			<0.00082	<0.00082
6/4/2019	0.002	0.015		
11/6/2019			<0.00082	<0.00082
11/12/2019	0.0026	0.012		
4/16/2020			<0.00082	<0.00082
4/18/2020		0.0085		
4/22/2020	0.0037			
10/7/2020			<0.00082	<0.00082
10/12/2020	0.003	0.0071		
3/29/2021			<0.00082	<0.00082
4/1/2021	0.0036	0.008		
9/2/2021			<0.00082	<0.00082
9/8/2021	0.0046	0.0059		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<1.4	<1.4	<1.4	1.6 (J)	
3/2/2016					400
5/2/2016	15 (o)		<1.4	2.1 (J)	
5/3/2016					2.2 (J)
5/4/2016		<1.4			
7/5/2016	<1.4		<1.4	2 (J)	450 (J)
7/8/2016		<1.4			
9/6/2016	<1.4	<1.4	<1.4	1.8 (J)	
9/8/2016					450
11/7/2016	<1.4		<1.4	1.7 (J)	
11/9/2016					430
11/10/2016		<1.4			
1/9/2017	<1.4		2.6 (J)	1.5 (J)	
1/11/2017		<1.4			
1/12/2017					130
3/13/2017	2.5 (J)		<1.4	2.2 (J)	
3/14/2017		<1.4			
3/17/2017					290
5/15/2017	<1.4		<1.4	1.9 (J)	
5/16/2017					280
5/18/2017		<1.4 (X)			
10/2/2017	<1.4		<1.4	3.4 (J)	
10/4/2017					250
10/5/2017		<1.4			
12/20/2017					230 (R)
3/12/2018	<1.4		<1.4	2.6 (J)	
3/13/2018					160
3/14/2018		<1.4			
6/5/2018	<1.4		<1.4	2.6 (J)	
6/8/2018					160
6/10/2018		1.5 (J)			
10/16/2018	<1.4		<1.4	2.8 (J)	
10/18/2018		<1.4			
11/13/2018					130
2/27/2019	<1.4	1.9 (J)	<1.4	2.4 (J)	
2/28/2019					130
5/31/2019	<1.4	<1.4	<1.4	3.3 (J)	
6/4/2019					100
11/6/2019	<1.4	<1.4	<1.4	3.7 (J)	
11/12/2019					100
4/16/2020	<1.4	<1.4	<1.4	1.7 (J)	
4/18/2020					64
10/7/2020	<1.4	<1.4	<1.4	4 (J)	
10/12/2020					64
3/29/2021	<1.4	<1.4	<1.4	2.3	
4/1/2021					84
9/2/2021	<1.4	<1.4	<1.4	4.7	
9/8/2021					60

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<1.4	<1.4
3/2/2016	450	460		
5/2/2016				<1.4
5/3/2016		740	<1.4	
5/4/2016	500			
7/5/2016		750	<1.4	<1.4
7/6/2016	370			
9/6/2016			<1.4	3.7 (J)
9/8/2016	450	710		
11/7/2016			<1.4	<1.4
11/8/2016	450			
11/9/2016		810		
1/9/2017			<1.4	<1.4
1/12/2017		600		
1/13/2017	390			
3/13/2017			<1.4	<1.4
3/16/2017	290			
3/17/2017		640		
5/15/2017			<1.4	<1.4
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			<1.4	<1.4
3/14/2018	190	470		
6/6/2018			<1.4	<1.4
6/8/2018		440		
6/9/2018	170			
10/17/2018		270	<1.4	<1.4
11/14/2018	110			
2/27/2019			<1.4	<1.4
2/28/2019		240		
3/5/2019	86			
5/31/2019			<1.4	<1.4
6/4/2019	100	280		
11/6/2019			<1.4	<1.4
11/12/2019	93	260		
4/16/2020			<1.4	<1.4
4/18/2020		250		
4/22/2020	130			
10/7/2020			<1.4	<1.4
10/12/2020	110	230		
3/29/2021			<1.4	<1.4
4/1/2021	110	200		
9/2/2021			<1.4	<1.4
9/8/2021	110	140		

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00012	<0.00012	<0.00012	<0.00012	
3/2/2016					0.00058 (J)
5/2/2016	<0.00012		<0.00012	<0.00012	
5/3/2016					0.00041 (J)
5/4/2016		<0.00012			
7/5/2016	<0.00012		<0.00012	<0.00012	0.0004 (J)
7/8/2016		<0.00012			
9/6/2016	<0.00012	<0.00012	<0.00012	<0.00012	
9/8/2016					0.00045 (J)
11/7/2016	<0.00012		<0.00012	<0.00012	
11/9/2016					<0.00012
11/10/2016		<0.00012			
1/9/2017	<0.00012		<0.00012	<0.00012	
1/11/2017		<0.00012			
1/12/2017					0.00012 (J)
3/13/2017	<0.00012		<0.00012	<0.00012	
3/14/2017		<0.00012			
3/17/2017					0.00027 (J)
5/15/2017	<0.00012		<0.00012	<0.00012	
5/16/2017					0.00025 (J)
5/18/2017		<0.00012			
3/12/2018	<0.00012		<0.00012	<0.00012	
3/13/2018					0.00018 (J)
3/14/2018		<0.00012			
6/5/2018	<0.00012		<0.00012	<0.00012	
6/8/2018					0.00018 (J)
6/10/2018		<0.00012			
10/16/2018	<0.00012		<0.00012	<0.00012	
10/18/2018		<0.00012			
11/13/2018					<0.00012
2/27/2019	<0.00012	<0.00012	<0.00012	<0.00012	
2/28/2019					0.0001 (J)
5/31/2019	<0.00012	<0.00012	<0.00012	<0.00012	
6/4/2019					<0.00012
11/6/2019	<0.00012	<0.00012	<0.00012	<0.00012	
11/12/2019					<0.00012
4/16/2020	<0.00012	<0.00012	<0.00012	<0.00012	
4/18/2020					5.8E-05 (J)
10/7/2020	<0.00012	<0.00012	<0.00012	<0.00012	
10/12/2020					0.00014 (J)
3/29/2021	<0.00012	<0.00012	<0.00012	<0.00012 (D)	
4/1/2021					<0.00012
9/2/2021	0.00015	<0.00012	<0.00012	<0.00012	
9/8/2021					<0.00012

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00012	<0.00012
3/2/2016	0.0003 (J)	0.00095 (J)		
5/2/2016				<0.00012
5/3/2016		0.00089	<0.00012	
5/4/2016	0.0005			
7/5/2016		0.001	<0.00012	<0.00012
7/6/2016	0.00047 (J)			
9/6/2016			<0.00012	<0.00012
9/8/2016	0.00053 (J)	0.00088 (J)		
11/7/2016			<0.00012	<0.00012
11/8/2016	0.00055 (J)			
11/9/2016		0.00083 (J)		
1/9/2017			<0.00012	<0.00012
1/12/2017		0.00076		
1/13/2017	0.00057			
3/13/2017			<0.00012	<0.00012
3/16/2017	0.0004 (J)			
3/17/2017		0.00088		
5/15/2017			<0.00012	<0.00012
5/17/2017	0.00029 (J)	0.00071		
3/12/2018			<0.00012	<0.00012
3/14/2018	0.00027 (J)	0.00055		
6/6/2018			<0.00012	<0.00012
6/8/2018		0.00048 (J)		
6/9/2018	0.00023 (J)			
10/17/2018		0.0003 (J)	<0.00012	<0.00012
11/14/2018	0.00015 (J)			
2/27/2019			<0.00012	<0.00012
2/28/2019		0.00024 (J)		
3/5/2019	0.00016 (J)			
5/31/2019			<0.00012	<0.00012
6/4/2019	0.00011 (J)	0.00017 (J)		
11/6/2019			<0.00012	<0.00012
11/12/2019	0.00012 (J)	0.00019 (J)		
4/16/2020			<0.00012	<0.00012
4/18/2020		0.00023		
4/22/2020	0.00015			
10/7/2020			<0.00012	<0.00012
10/12/2020	0.00025 (J)	0.00033 (J)		
3/29/2021			<0.00012	<0.00012
4/1/2021	0.00012	0.0002		
9/2/2021			<0.00012	<0.00012
9/8/2021	<0.00012	<0.00012		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	30	24	20	26	
10/12/2020					600
3/29/2021	38	26	12	28	
4/1/2021					640
9/2/2021	40	8	10	8	
9/8/2021					480

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

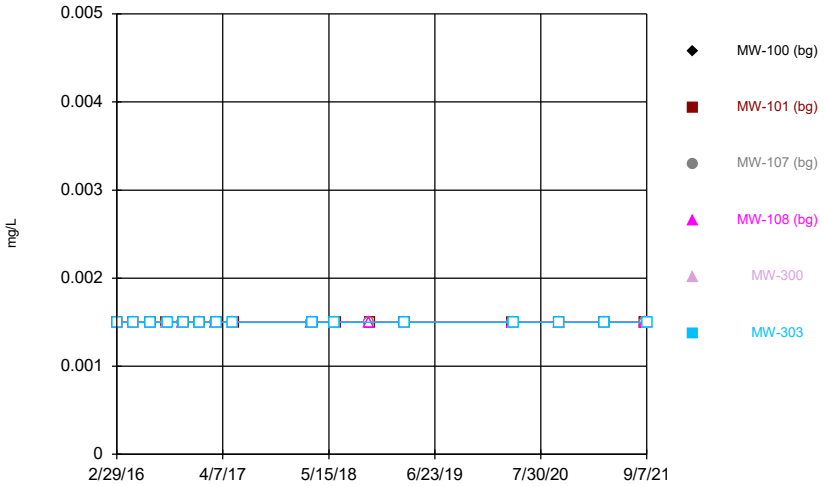
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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			
10/7/2020			16	12
10/12/2020	460	2200		
3/29/2021			42	40
4/1/2021	650	2300		
9/2/2021			10	<5
9/8/2021	550	1700		

300 Series

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

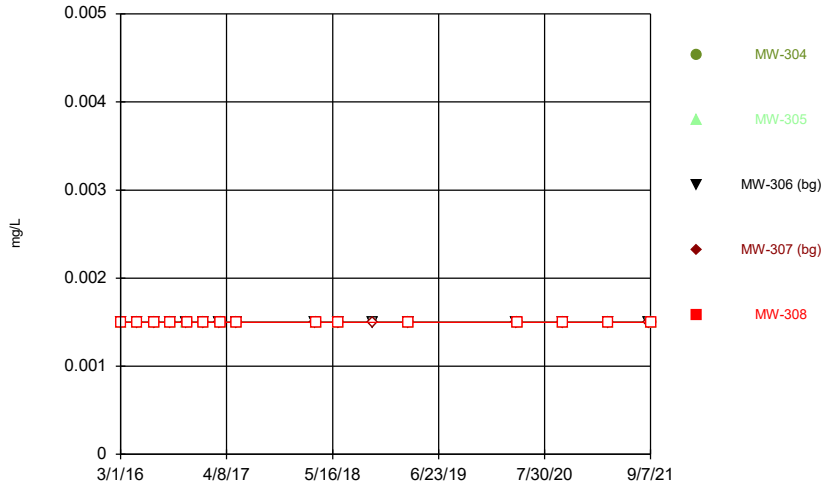
Time Series



Constituent: Antimony Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

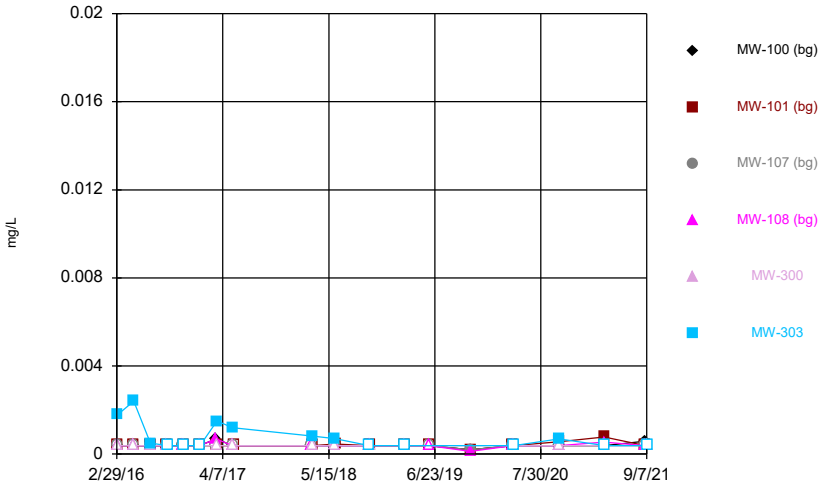
Time Series



Constituent: Antimony Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

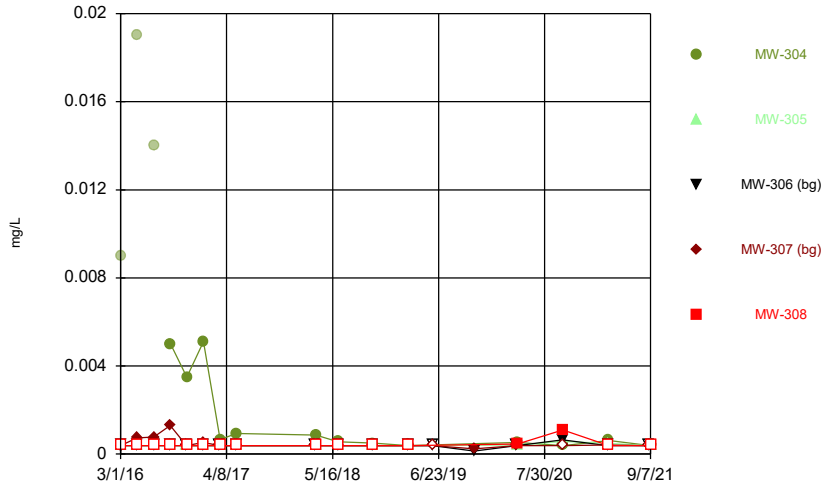
Time Series



Constituent: Arsenic Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

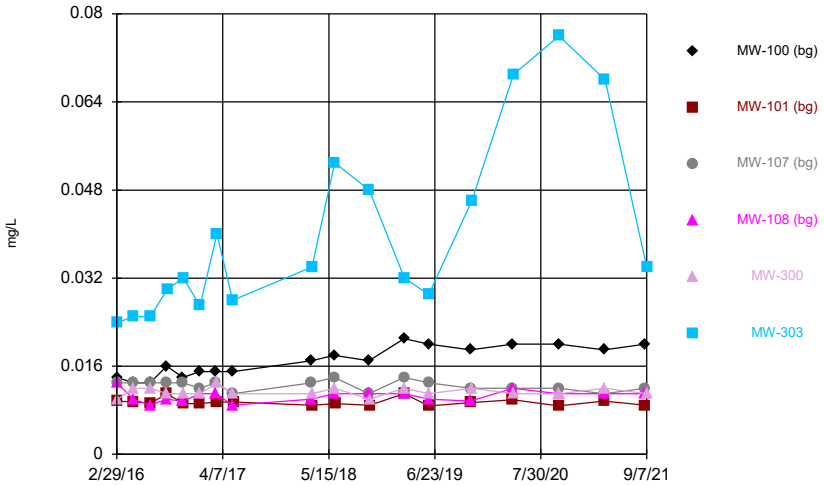
Time Series



Constituent: Arsenic Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

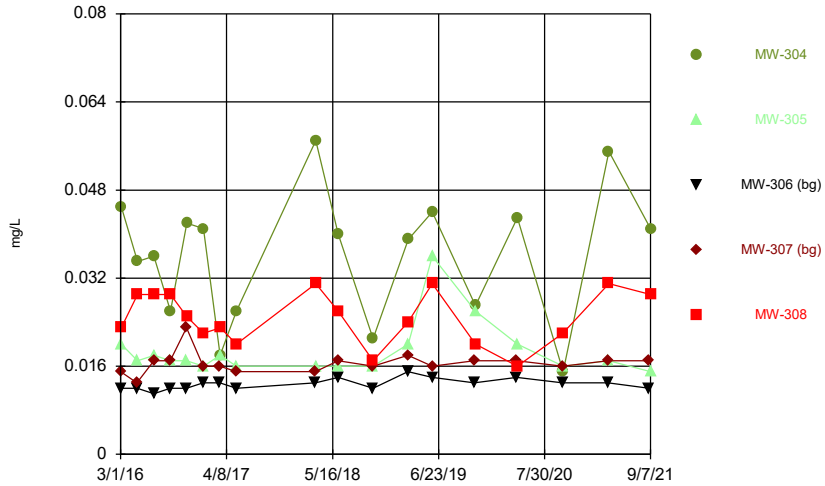
Time Series



Constituent: Barium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

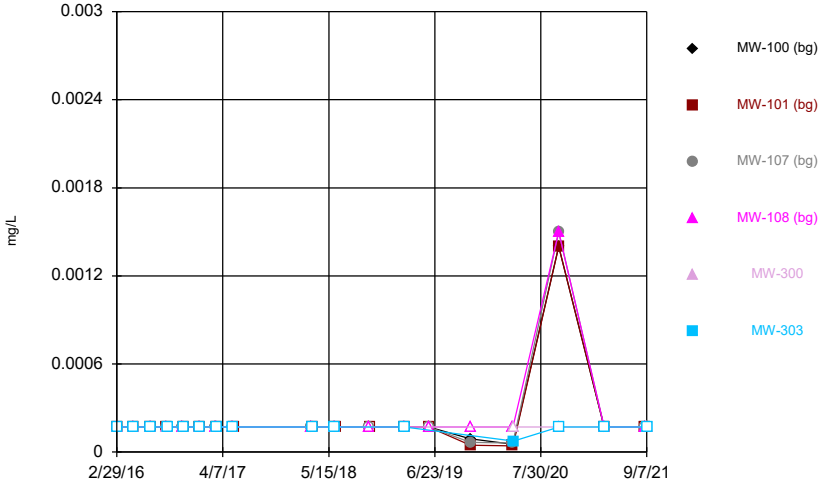
Time Series



Constituent: Barium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

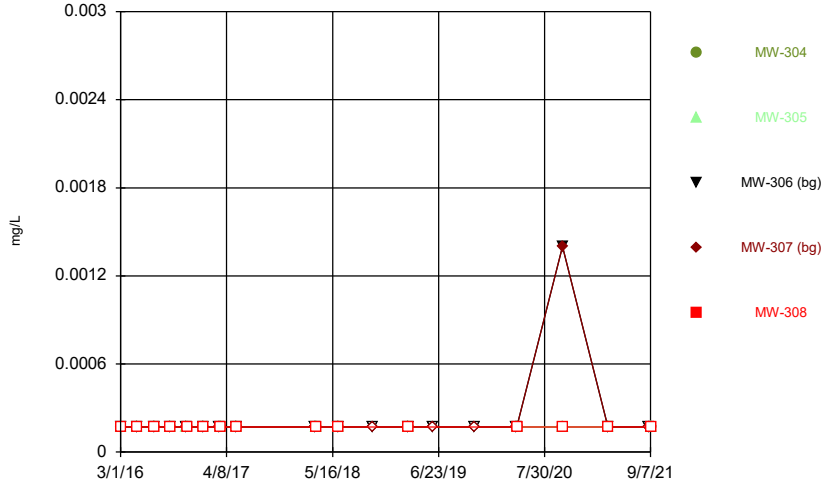
Time Series



Constituent: Beryllium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

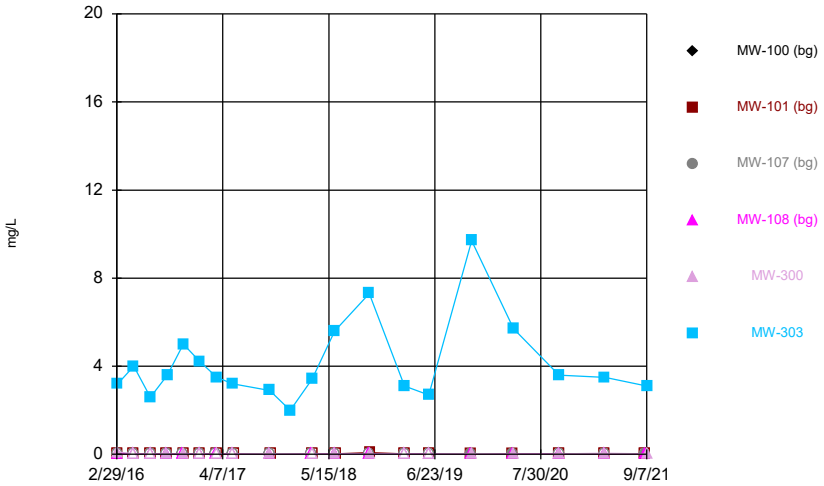
Time Series



Constituent: Beryllium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

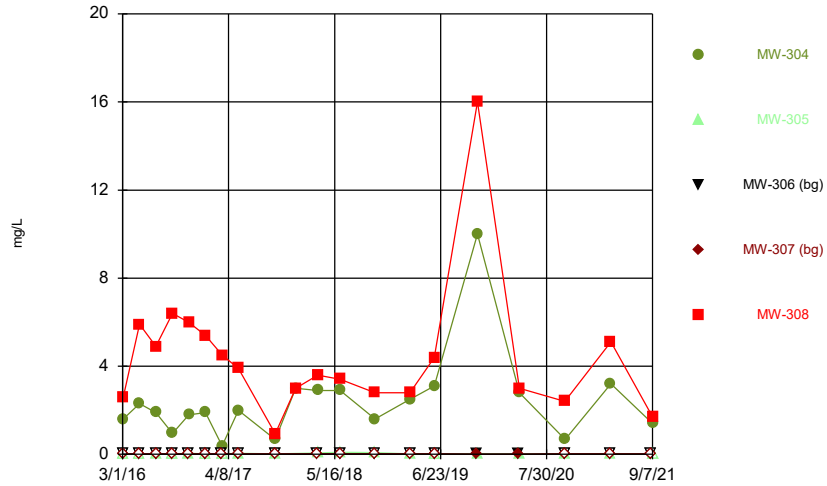
Time Series



Constituent: Boron Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

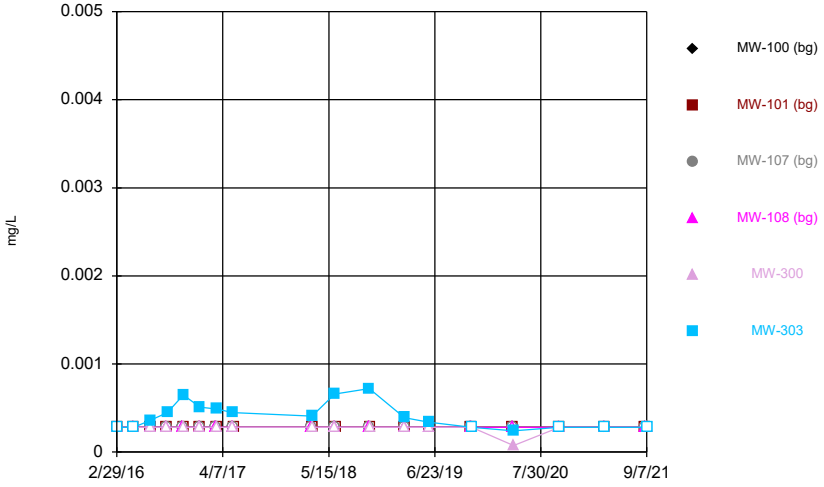
Time Series



Constituent: Boron Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

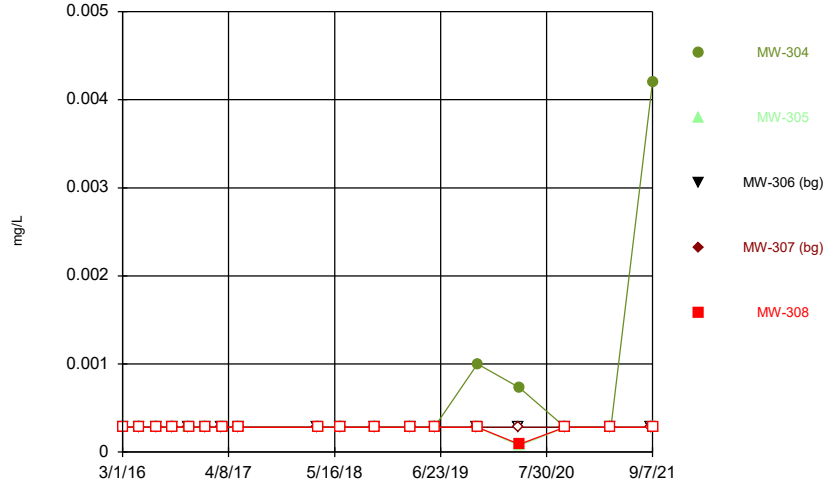
Time Series



Constituent: Cadmium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

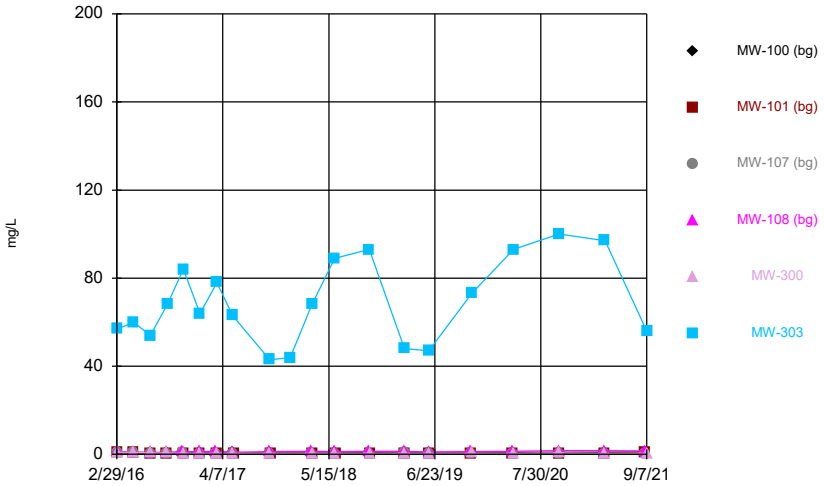
Time Series



Constituent: Cadmium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

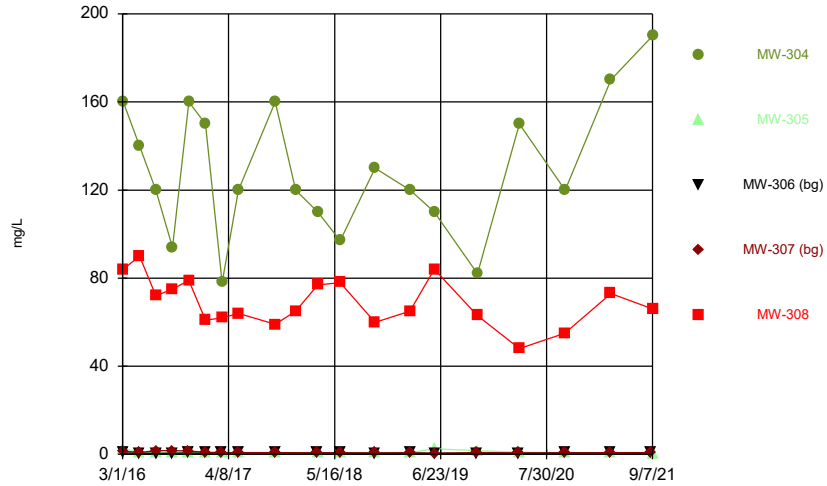
Time Series



Constituent: Calcium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

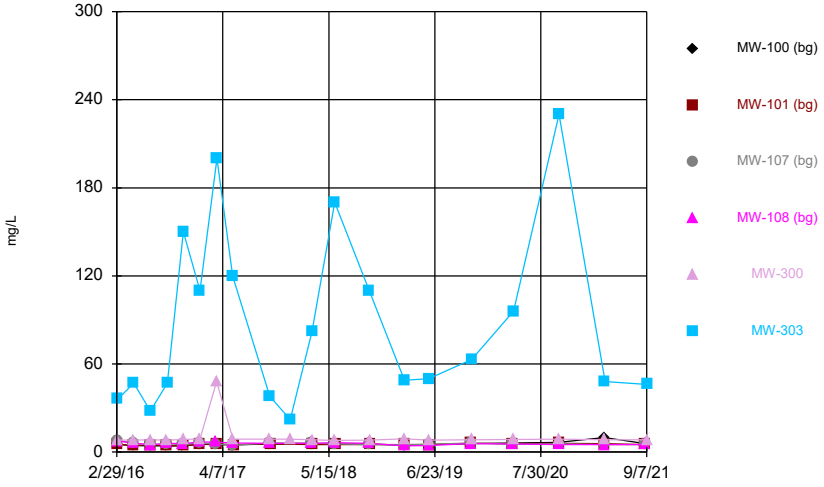
Time Series



Constituent: Calcium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

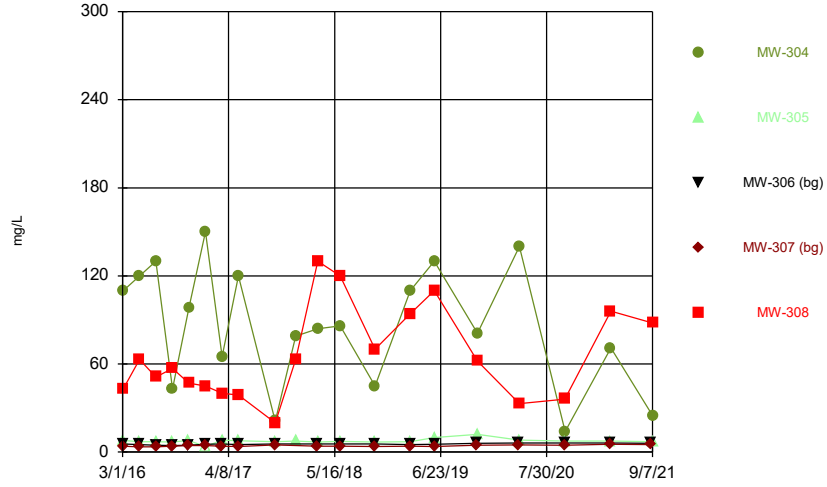
Time Series



Constituent: Chloride Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

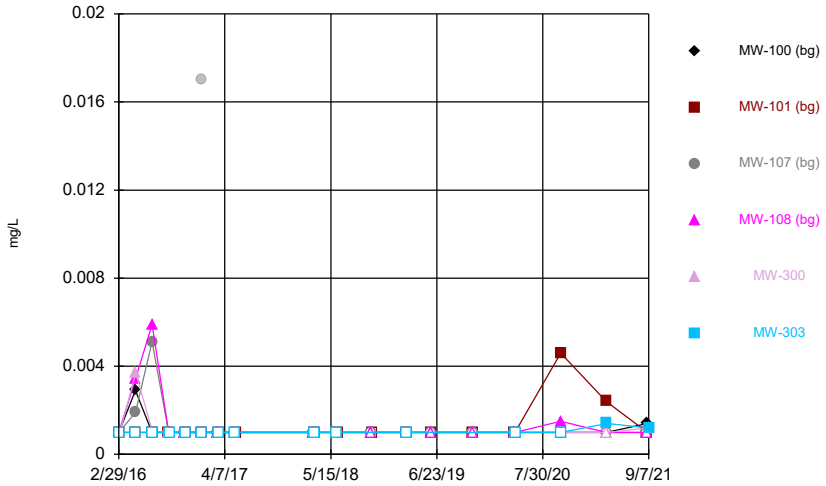
Time Series



Constituent: Chloride Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

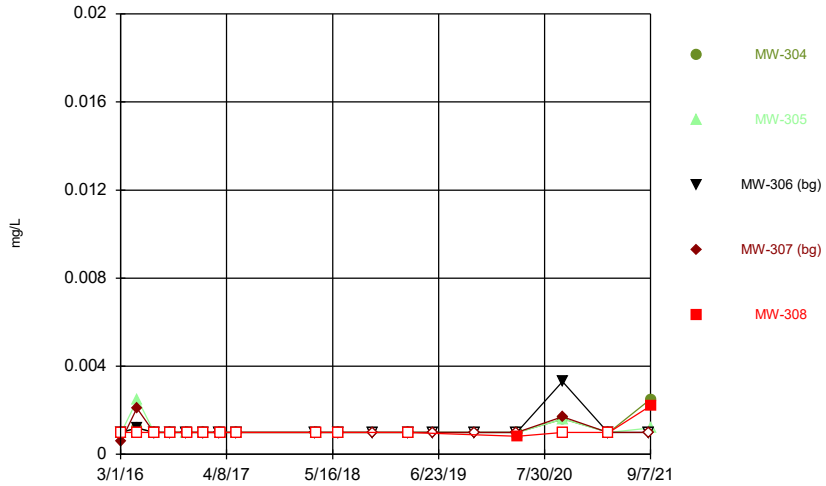
Time Series



Constituent: Chromium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

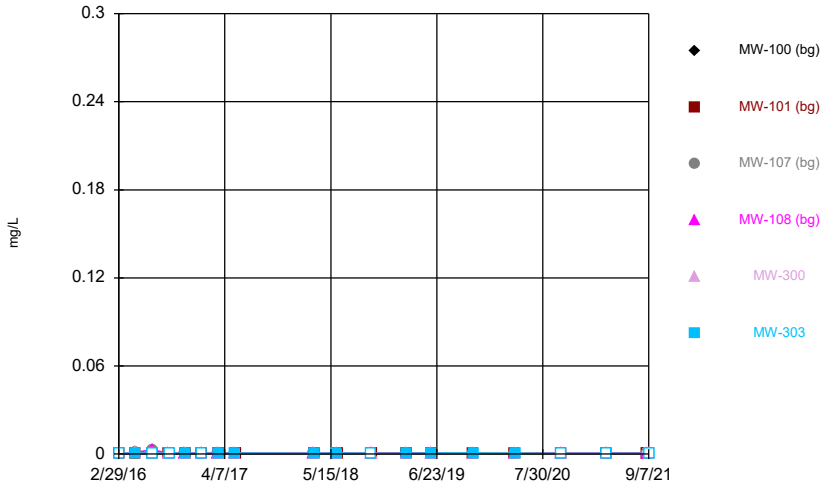
Time Series



Constituent: Chromium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

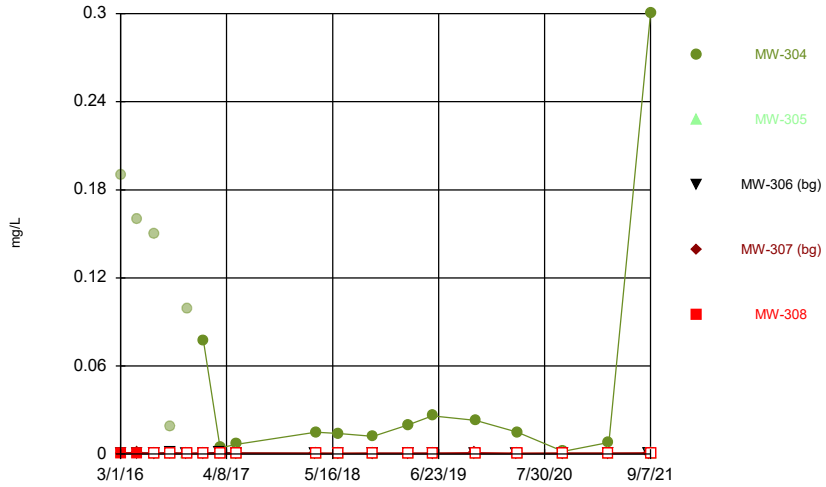
Time Series



Constituent: Cobalt Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

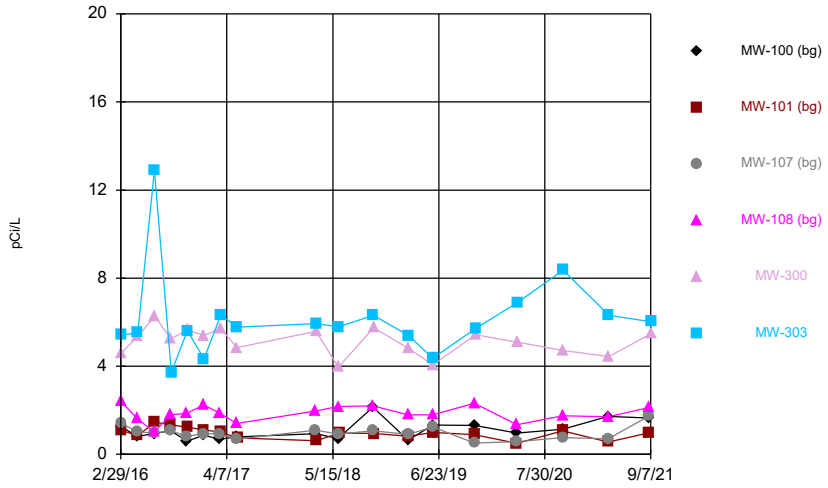
Time Series



Constituent: Cobalt Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

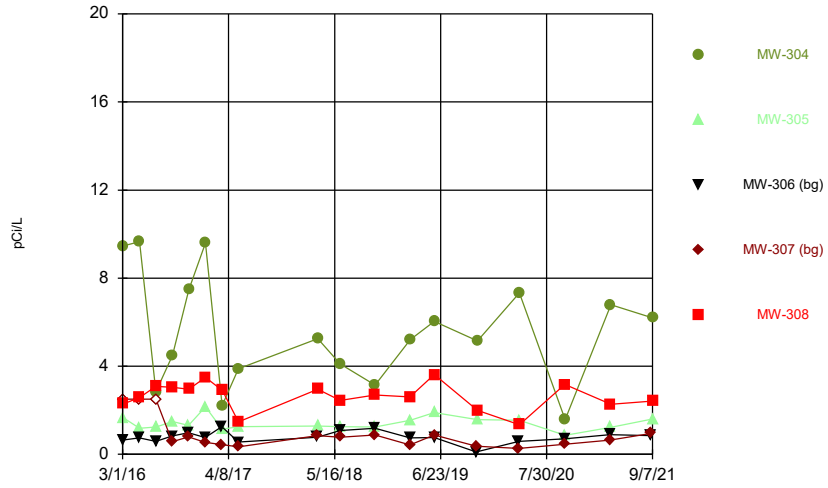
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

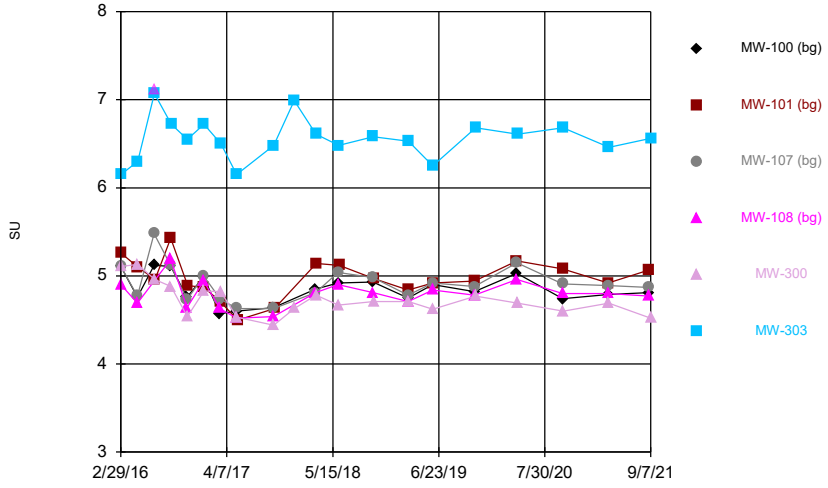
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

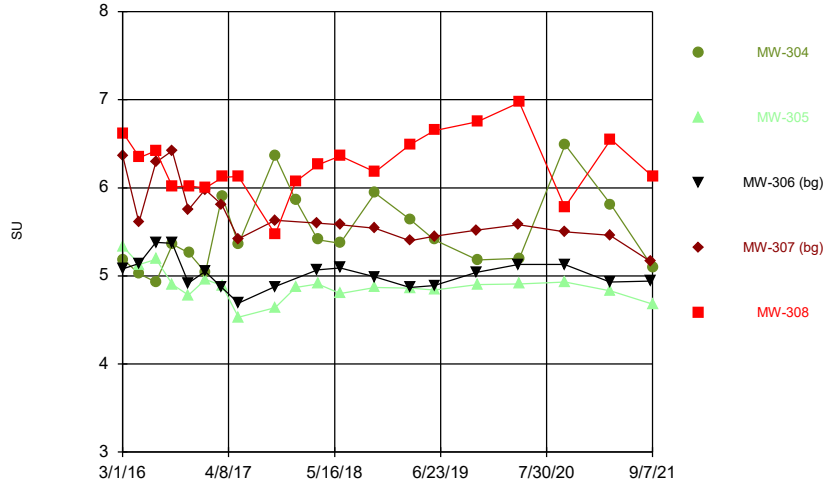
Time Series



Constituent: Field pH Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

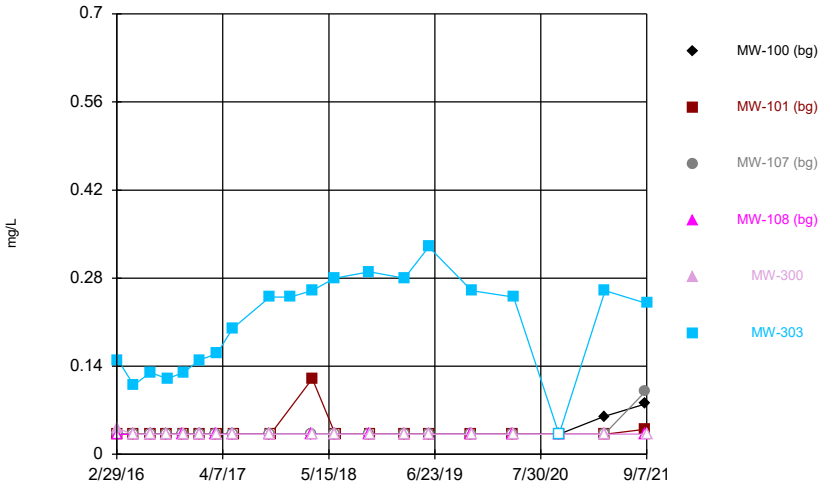
Time Series



Constituent: Field pH Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

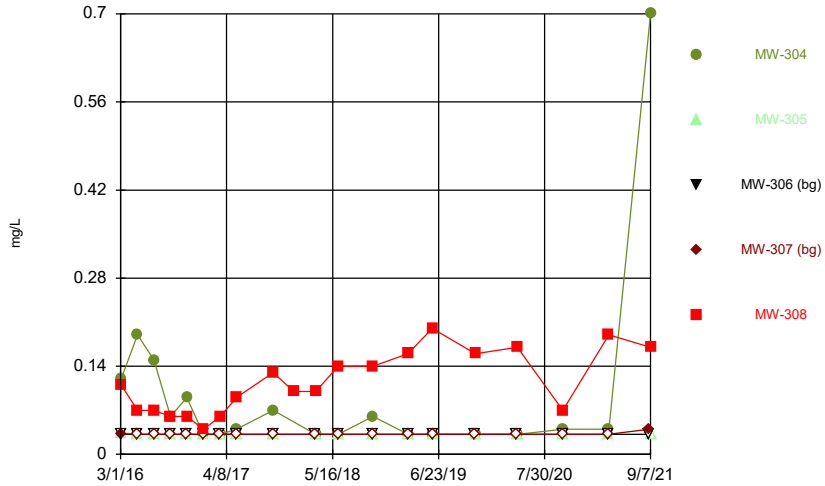
Time Series



Constituent: Fluoride Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

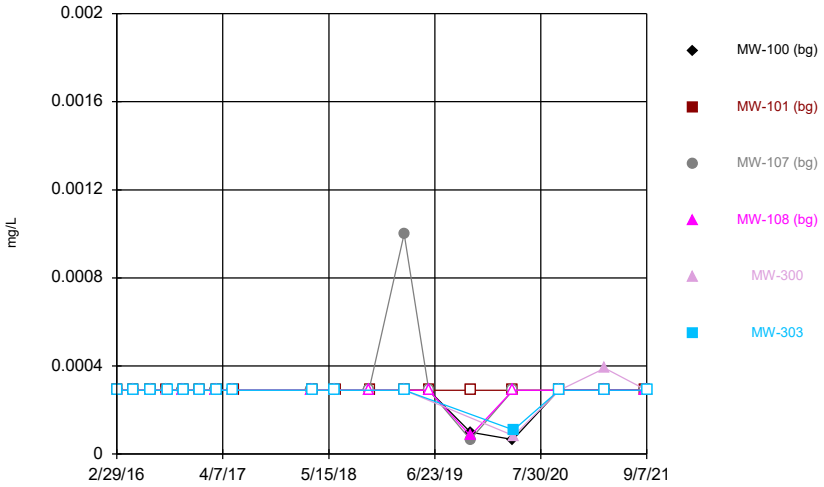
Time Series



Constituent: Fluoride Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

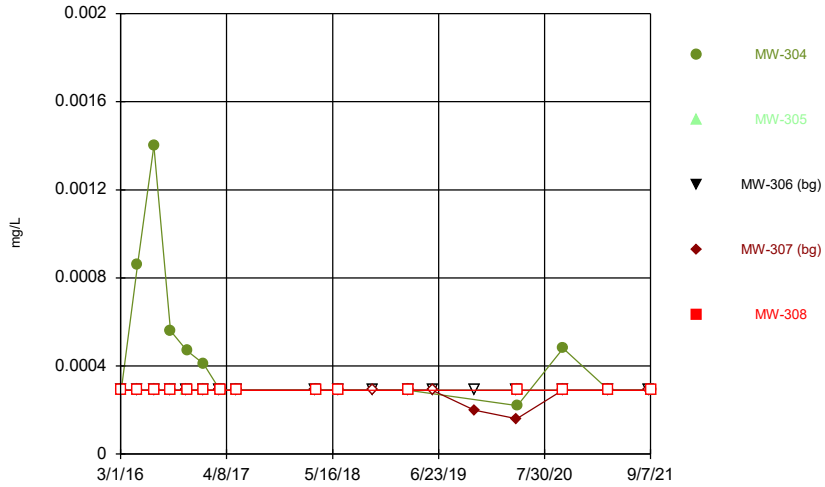
Time Series



Constituent: Lead Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

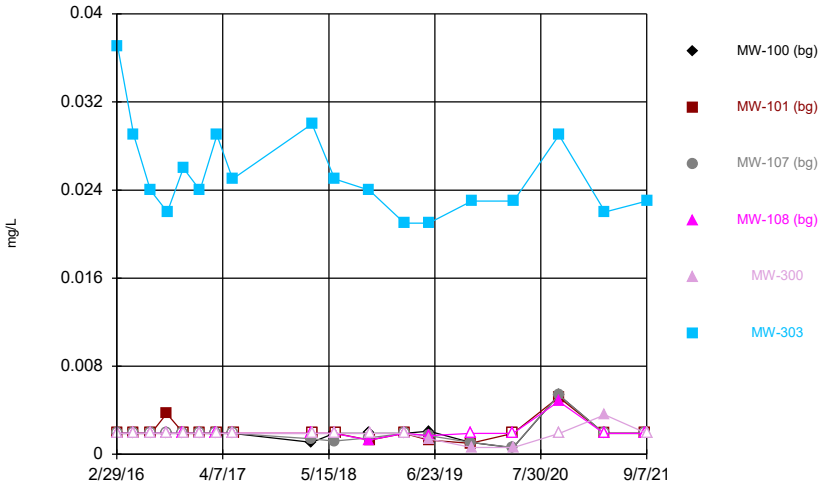
Time Series



Constituent: Lead Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

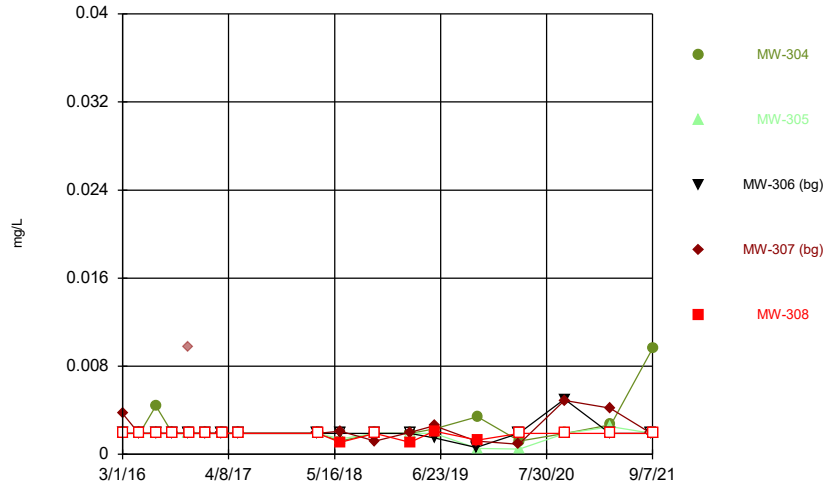
Time Series



Constituent: Lithium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

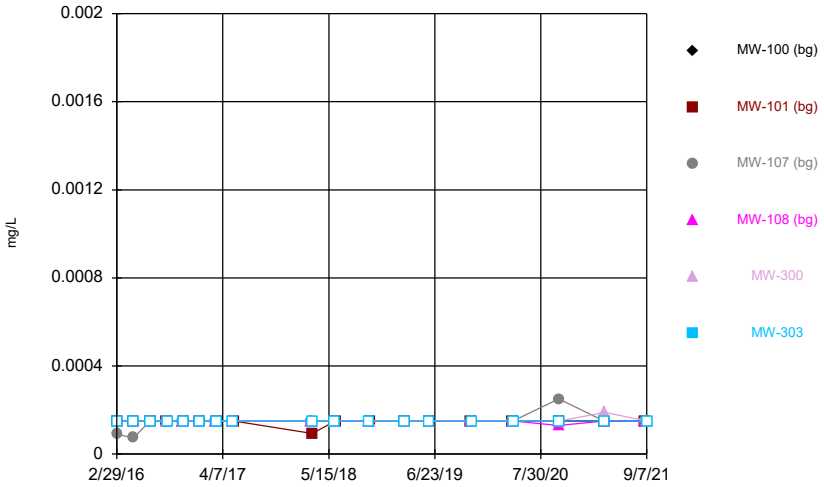
Time Series



Constituent: Lithium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

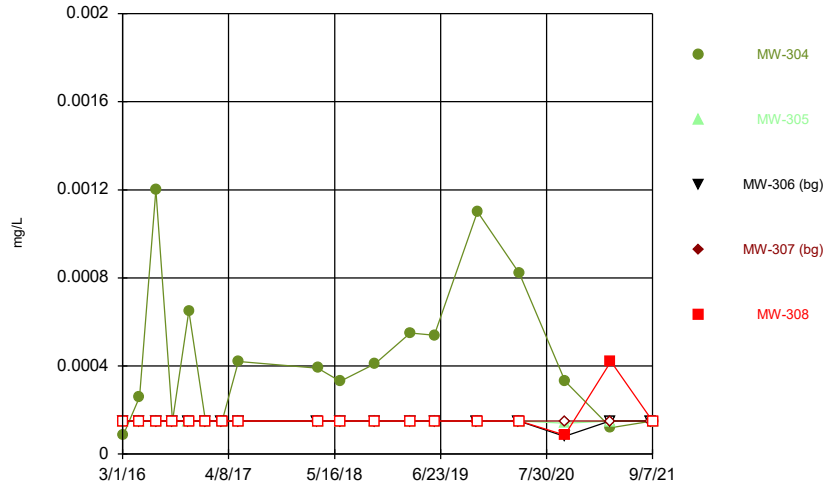
Time Series



Constituent: Mercury Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

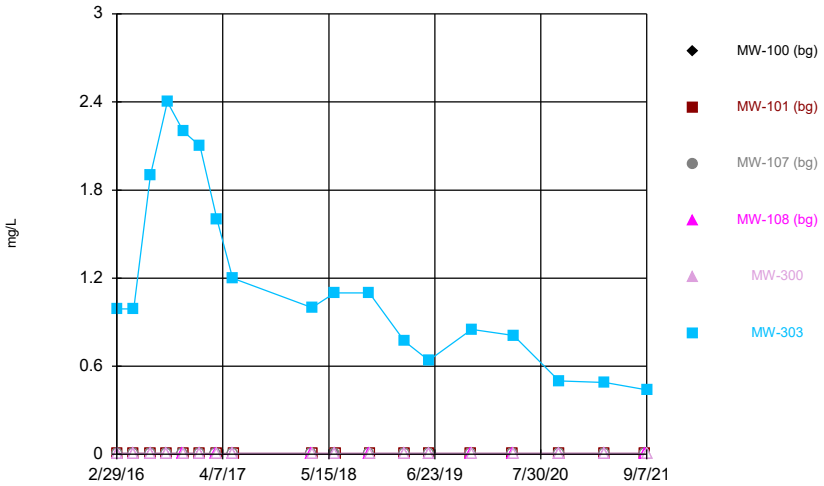
Time Series



Constituent: Mercury Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

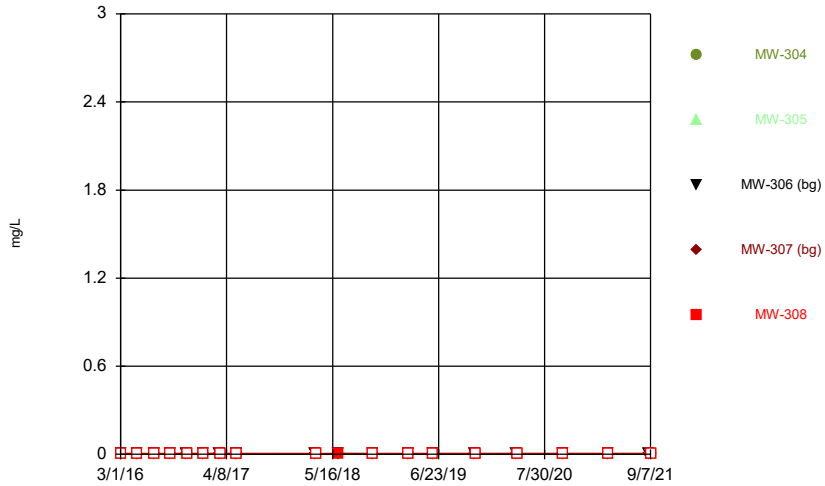
Time Series



Constituent: Molybdenum Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

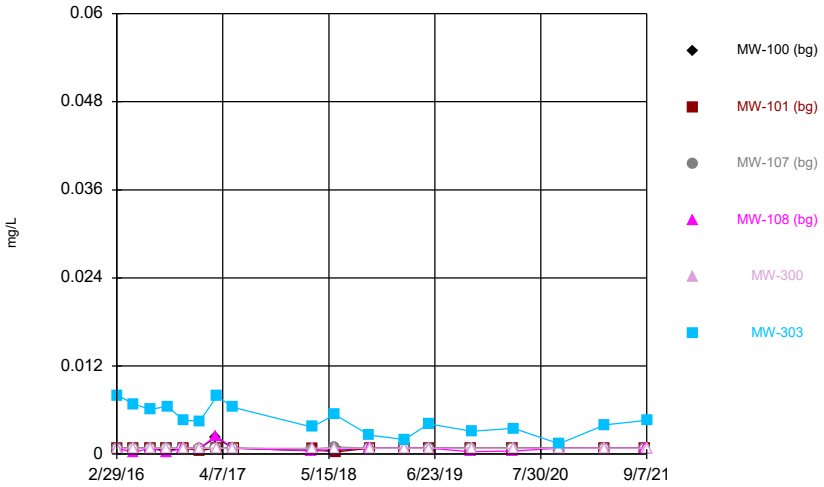
Time Series



Constituent: Molybdenum Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

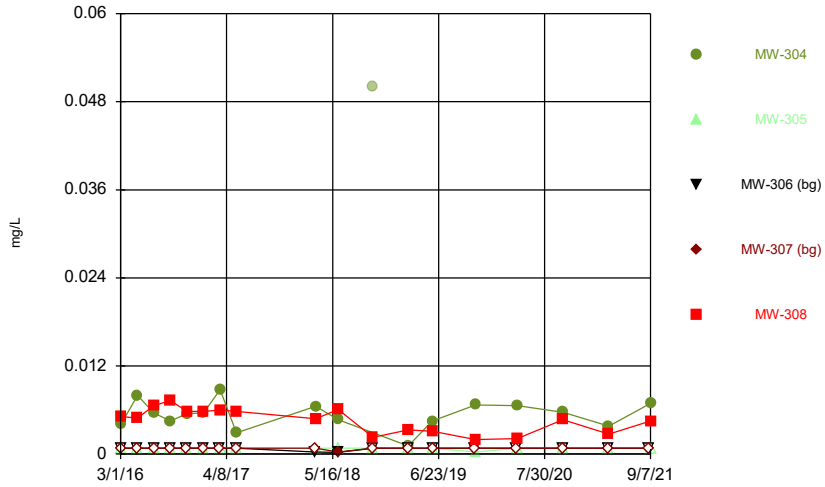
Time Series



Constituent: Selenium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

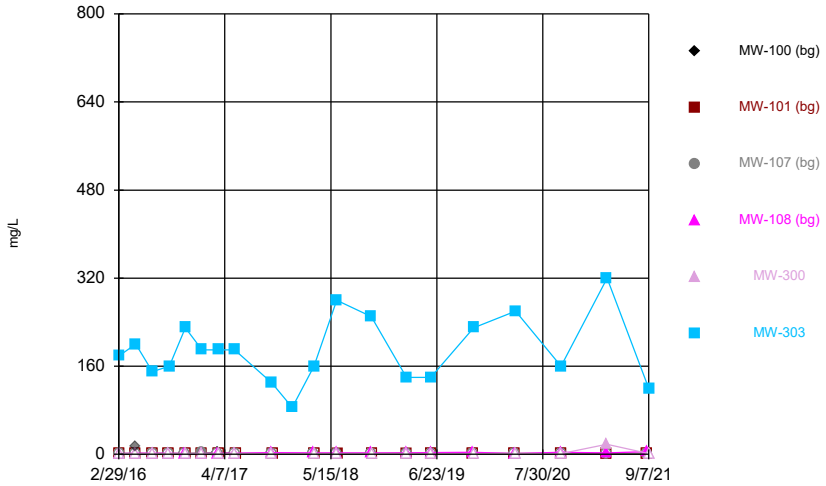
Time Series



Constituent: Selenium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

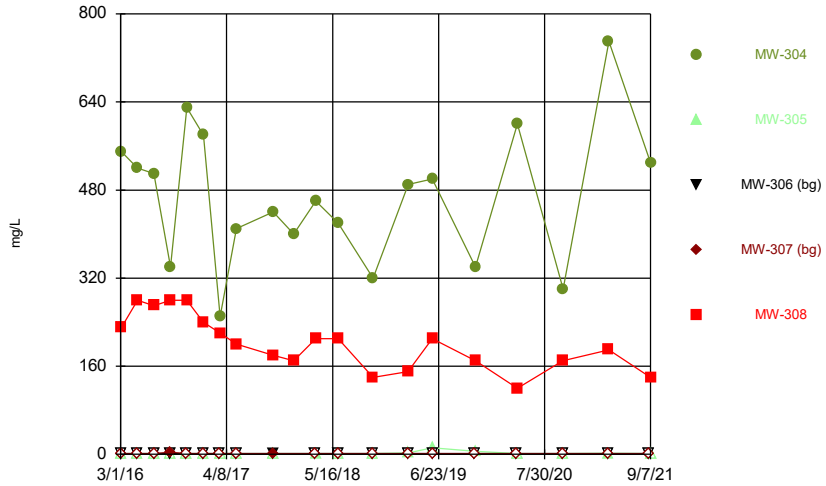
Time Series



Constituent: Sulfate Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

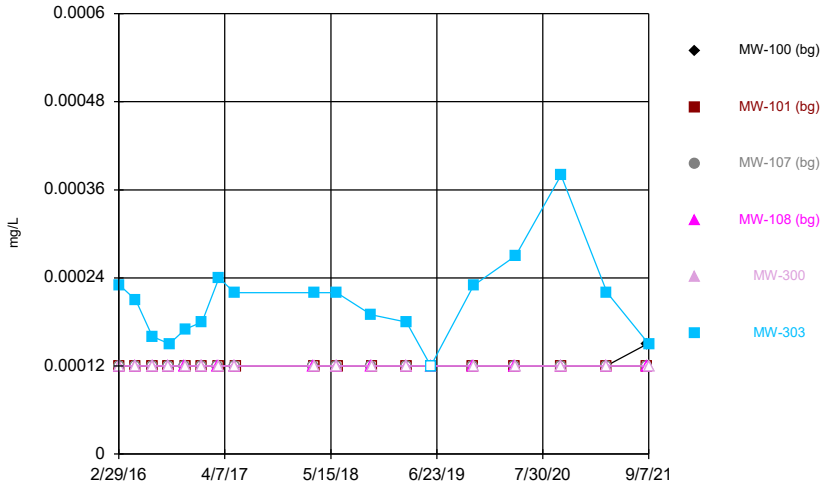
Time Series



Constituent: Sulfate Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

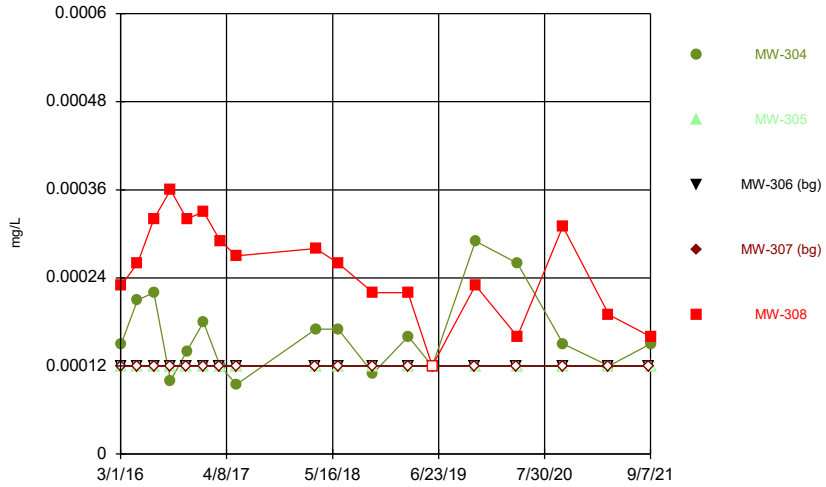
Time Series



Constituent: Thallium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

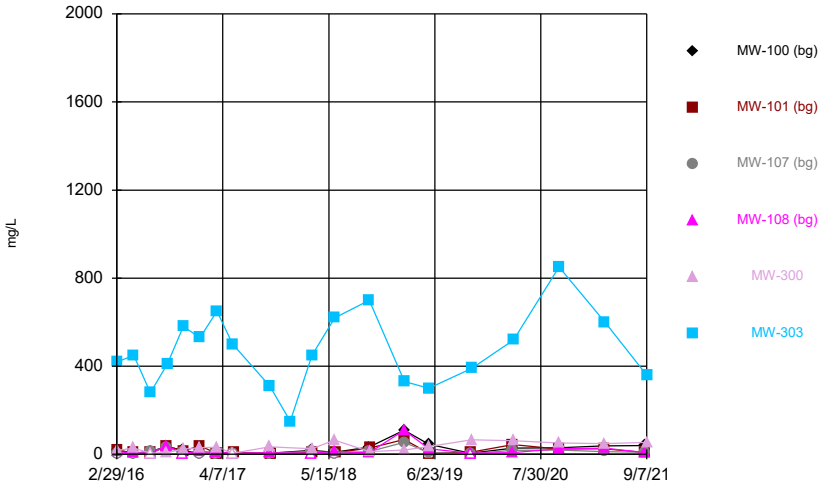
Time Series



Constituent: Thallium Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

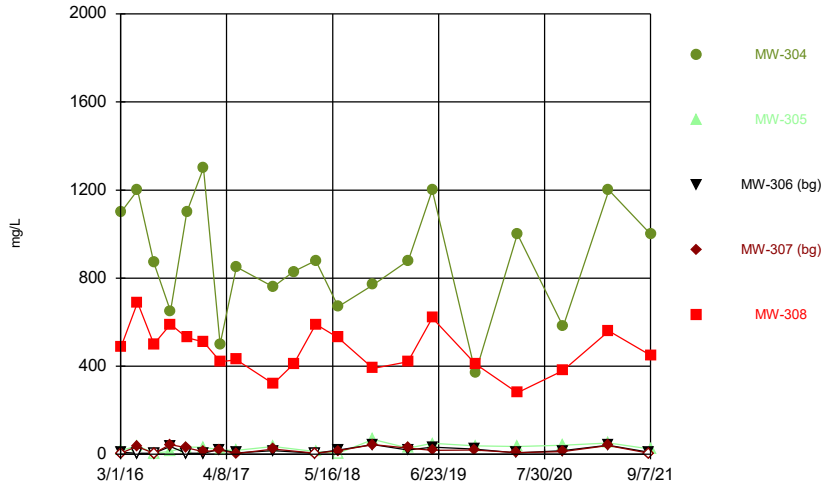
Time Series



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0015	<0.0015	<0.0015	<0.0015		
3/3/2016					<0.0015	<0.0015
5/2/2016	<0.0015		<0.0015	<0.0015		
5/4/2016		<0.0015			<0.0015	<0.0015
7/5/2016	<0.0015		<0.0015	<0.0015		
7/6/2016						<0.0015
7/7/2016					<0.0015	
7/8/2016		<0.0015				
9/6/2016	<0.0015	<0.0015	<0.0015	<0.0015		
9/7/2016					<0.0015	
9/8/2016						<0.0015
11/7/2016	<0.0015		<0.0015	<0.0015		
11/8/2016					<0.0015	<0.0015
11/10/2016		<0.0015				
1/9/2017	<0.0015		<0.0015	<0.0015		
1/10/2017					<0.0015	<0.0015
1/11/2017		<0.0015				
3/13/2017	<0.0015		<0.0015	<0.0015		
3/14/2017		<0.0015				
3/15/2017					<0.0015	
3/16/2017						<0.0015
5/15/2017	<0.0015		<0.0015	<0.0015		<0.0015
5/16/2017					<0.0015	
5/18/2017		<0.0015				
3/12/2018	<0.0015		<0.0015	<0.0015		
3/13/2018					<0.0015	<0.0015
3/14/2018		<0.0015				
6/5/2018	<0.0015		<0.0015	<0.0015		
6/6/2018					<0.0015	
6/7/2018						<0.0015
6/10/2018		<0.0015				
10/16/2018	<0.0015		<0.0015	<0.0015		
10/18/2018		<0.0015				
2/27/2019	<0.0015	<0.0015	<0.0015	<0.0015		
2/28/2019					<0.0015	<0.0015
4/16/2020	<0.0015	<0.0015	<0.0015	<0.0015		
4/18/2020					<0.0015	<0.0015
10/7/2020	<0.0015	<0.0015	<0.0015	<0.0015		
10/8/2020						<0.0015
10/9/2020					<0.0015	
3/29/2021	<0.0015	<0.0015	<0.0015	<0.0015		
3/31/2021					<0.0015	
4/1/2021						<0.0015
9/2/2021	<0.0015	<0.0015	<0.0015	<0.0015		
9/7/2021					<0.0015	<0.0015

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0015	<0.0015	
3/3/2016	<0.0015	<0.0015			<0.0015
5/2/2016				<0.0015	
5/3/2016			<0.0015		
5/4/2016	<0.0015	<0.0015			<0.0015
7/5/2016			<0.0015	<0.0015	
7/6/2016	<0.0015				<0.0015
7/7/2016		<0.0015			
9/6/2016			<0.0015	<0.0015	
9/7/2016	<0.0015	<0.0015			<0.0015
11/7/2016		<0.0015	<0.0015	<0.0015	
11/8/2016	<0.0015				<0.0015
1/9/2017			<0.0015	<0.0015	
1/10/2017	<0.0015	<0.0015			<0.0015
3/13/2017			<0.0015	<0.0015	
3/15/2017	<0.0015	<0.0015			
3/16/2017					<0.0015
5/15/2017			<0.0015	<0.0015	
5/16/2017	<0.0015	<0.0015			<0.0015
3/12/2018			<0.0015	<0.0015	
3/13/2018	<0.0015	<0.0015			<0.0015
6/6/2018			<0.0015	<0.0015	
6/7/2018	<0.0015	<0.0015			<0.0015
10/17/2018			<0.0015	<0.0015	
2/27/2019			<0.0015	<0.0015	<0.0015
2/28/2019	<0.0015	<0.0015			
4/16/2020			<0.0015	<0.0015	
4/18/2020	<0.0015	<0.0015			<0.0015
10/7/2020			<0.0015	<0.0015	
10/8/2020					<0.0015
10/9/2020	<0.0015	<0.0015			
3/29/2021			<0.0015	<0.0015	
4/1/2021	<0.0015	<0.0015			<0.0015
9/2/2021			<0.0015	<0.0015	
9/7/2021	<0.0015	<0.0015			<0.0015

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00039	<0.00039	<0.00039	<0.00039		
3/3/2016					<0.00039	0.0018 (J)
5/2/2016	<0.00039		<0.00039	<0.00039		
5/4/2016		<0.00039			<0.00039	0.0024
7/5/2016	<0.00039		<0.00039	<0.00039		
7/6/2016						0.0005 (J)
7/7/2016					<0.00039	
7/8/2016		<0.00039				
9/6/2016	<0.00039	<0.00039	<0.00039	<0.00039		
9/7/2016					<0.00039	
9/8/2016						<0.00039
11/7/2016	<0.00039		<0.00039	<0.00039		
11/8/2016					<0.00039	<0.00039
11/10/2016		<0.00039				
1/9/2017	<0.00039		<0.00039	<0.00039		
1/10/2017					<0.00039	<0.00039
1/11/2017		<0.00039				
3/13/2017	0.00069 (J)		<0.00039	0.00069 (J)		
3/14/2017		<0.00039				
3/15/2017					<0.00039	
3/16/2017						0.0015
5/15/2017	<0.00039		<0.00039	<0.00039		0.0012 (J)
5/16/2017					<0.00039	
5/18/2017		<0.00039				
3/12/2018	<0.00039		<0.00039	<0.00039		
3/13/2018					<0.00039	0.00082 (J)
3/14/2018		<0.00039				
6/5/2018	<0.00039		<0.00039	<0.00039		
6/6/2018					<0.00039	
6/7/2018						0.0007 (J)
6/10/2018		0.00046 (J)				
10/16/2018	<0.00039		<0.00039	<0.00039		
10/17/2018						<0.00039
10/18/2018		<0.00039			<0.00039	
2/27/2019	<0.00039	<0.00039	<0.00039	<0.00039		
2/28/2019					<0.00039	<0.00039
5/31/2019	<0.00039	<0.00039	<0.00039	<0.00039		
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)		
4/16/2020	<0.00039	<0.00039	<0.00039	<0.00039		
4/18/2020					<0.00039	<0.00039
10/7/2020	<0.00039	0.00056 (J)	<0.00039	<0.00039		
10/8/2020						0.00069 (J)
10/9/2020					<0.00039	
3/29/2021	<0.00039	0.00078	<0.00039	0.00054		
3/31/2021					<0.00039	
4/1/2021						<0.00039
9/2/2021	0.00059	<0.00039	<0.00039	<0.00039		
9/7/2021					<0.00039	<0.00039

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00039	0.00038 (J)	
3/3/2016	0.009 (o)	<0.00039			<0.00039
5/2/2016				0.00073 (J)	
5/3/2016			<0.00039		
5/4/2016	0.019 (o)	<0.00039			<0.00039
7/5/2016			<0.00039	0.00077 (J)	
7/6/2016	0.014 (o)				<0.00039
7/7/2016		<0.00039			
9/6/2016			<0.00039	0.0013	
9/7/2016	0.005	<0.00039			<0.00039
11/7/2016		<0.00039	<0.00039	<0.00039	
11/8/2016	0.0035				<0.00039
1/9/2017			<0.00039	0.00053 (J)	
1/10/2017	0.0051	<0.00039			<0.00039
3/13/2017			<0.00039	<0.00039	
3/15/2017	0.00066 (J)	<0.00039			
3/16/2017					<0.00039
5/15/2017			<0.00039	<0.00039	
5/16/2017	0.00094 (J)	<0.00039			<0.00039
3/12/2018			<0.00039	<0.00039	
3/13/2018	0.00086 (J)	<0.00039			<0.00039
6/6/2018			<0.00039	<0.00039	
6/7/2018	0.00056 (J)	<0.00039			<0.00039
10/17/2018	0.0005 (J)	<0.00039	<0.00039	<0.00039	<0.00039
2/27/2019			<0.00039	<0.00039	<0.00039
2/28/2019	<0.00039	<0.00039			
5/31/2019			<0.00039	<0.00039	
11/6/2019			0.00014 (J)	0.00024 (J)	
4/16/2020			<0.00039	<0.00039	
4/18/2020	0.00053	0.00042			0.00046
10/7/2020			0.00064 (J)	<0.00039	
10/8/2020					0.0011 (J)
10/9/2020	<0.00039	0.00057 (J)			
3/29/2021			<0.00039	0.00042	
4/1/2021	0.00062	0.00048			<0.00039
9/2/2021			<0.00039	<0.00039	
9/7/2021	<0.00039	<0.00039			<0.00039

Time Series

Constituent: Barium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	0.02	0.0088	0.012	0.011		
10/8/2020						0.076
10/9/2020					0.011	
3/29/2021	0.019	0.0097	0.011	0.011		
3/31/2021					0.012	
4/1/2021						0.068
9/2/2021	0.02	0.0089	0.012	0.011		
9/7/2021					0.011	0.034

Time Series

Constituent: Barium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020			0.013	0.016	
10/8/2020					0.022
10/9/2020	0.015	0.016			
3/29/2021			0.013	0.017	
4/1/2021	0.055	0.017			0.031
9/2/2021			0.012	0.017	
9/7/2021	0.041	0.015			0.029

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00017	<0.00017	<0.00017	<0.00017		
3/3/2016					<0.00017	<0.00017
5/2/2016	<0.00017		<0.00017	<0.00017		
5/4/2016		<0.00017			<0.00017	<0.00017
7/5/2016	<0.00017		<0.00017	<0.00017		
7/6/2016						<0.00017
7/7/2016					<0.00017	
7/8/2016		<0.00017				
9/6/2016	<0.00017	<0.00017	<0.00017	<0.00017		
9/7/2016					<0.00017	
9/8/2016						<0.00017
11/7/2016	<0.00017		<0.00017	<0.00017		
11/8/2016					<0.00017	<0.00017
11/10/2016		<0.00017				
1/9/2017	<0.00017		<0.00017	<0.00017		
1/10/2017					<0.00017	<0.00017
1/11/2017		<0.00017				
3/13/2017	<0.00017		<0.00017	<0.00017		
3/14/2017		<0.00017				
3/15/2017					<0.00017	
3/16/2017						<0.00017
5/15/2017	<0.00017		<0.00017	<0.00017		<0.00017
5/16/2017					<0.00017	
5/18/2017		<0.00017				
3/12/2018	<0.00017		<0.00017	<0.00017		
3/13/2018					<0.00017	<0.00017
3/14/2018		<0.00017				
6/5/2018	<0.00017		<0.00017	<0.00017		
6/6/2018					<0.00017	
6/7/2018						<0.00017
6/10/2018		<0.00017				
10/16/2018	<0.00017		<0.00017	<0.00017		
10/18/2018		<0.00017				
2/27/2019	<0.00017	<0.00017	<0.00017	<0.00017		
2/28/2019					<0.00017	<0.00017
5/31/2019	<0.00017	<0.00017	<0.00017	<0.00017		
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.00017		
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.00017		
4/18/2020					<0.00017	7.4E-05 (J)
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)		
10/8/2020						<0.00017
10/9/2020					<0.00017	
3/29/2021	<0.00017	<0.00017	<0.00017	<0.00017		
3/31/2021					<0.00017	
4/1/2021						<0.00017
9/2/2021	<0.00017	<0.00017	<0.00017	<0.00017		
9/7/2021					<0.00017	<0.00017

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00017	<0.00017	
3/3/2016	<0.00017	<0.00017			<0.00017
5/2/2016				<0.00017	
5/3/2016			<0.00017		
5/4/2016	<0.00017	<0.00017			<0.00017
7/5/2016			<0.00017	<0.00017	
7/6/2016	<0.00017				<0.00017
7/7/2016		<0.00017			
9/6/2016			<0.00017	<0.00017	
9/7/2016	<0.00017	<0.00017			<0.00017
11/7/2016		<0.00017	<0.00017	<0.00017	
11/8/2016	<0.00017				<0.00017
1/9/2017			<0.00017	<0.00017	
1/10/2017	<0.00017	<0.00017			<0.00017
3/13/2017			<0.00017	<0.00017	
3/15/2017	<0.00017	<0.00017			
3/16/2017					<0.00017
5/15/2017			<0.00017	<0.00017	
5/16/2017	<0.00017	<0.00017			<0.00017
3/12/2018			<0.00017	<0.00017	
3/13/2018	<0.00017	<0.00017			<0.00017
6/6/2018			<0.00017	<0.00017	
6/7/2018	<0.00017	<0.00017			<0.00017
10/17/2018			<0.00017	<0.00017	
2/27/2019			<0.00017	<0.00017	<0.00017
2/28/2019	<0.00017	<0.00017			
5/31/2019			<0.00017	<0.00017	
11/6/2019			<0.00017	<0.00017	
4/16/2020			<0.00017	<0.00017	
4/18/2020	<0.00017	<0.00017			<0.00017
10/7/2020			0.0014 (J)	0.0014 (J)	
10/8/2020					<0.00017
10/9/2020	<0.00017	<0.00017			
3/29/2021			<0.00017	<0.00017	
4/1/2021	<0.00017	<0.00017			<0.00017
9/2/2021			<0.00017	<0.00017	
9/7/2021	<0.00017	<0.00017			<0.00017

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.018	<0.018	<0.018	<0.018		
3/3/2016					0.11 (J)	3.2
5/2/2016	<0.018		<0.018	<0.018		
5/4/2016		<0.018			<0.018	4
7/5/2016	<0.018		<0.018	<0.018		
7/6/2016						2.6
7/7/2016					<0.018	
7/8/2016		<0.018				
9/6/2016	<0.018	<0.018	<0.018	<0.018		
9/7/2016					0.028 (J)	
9/8/2016						3.6
11/7/2016	<0.018		<0.018	<0.018		
11/8/2016					0.025 (J)	5
11/10/2016		<0.018				
1/9/2017	<0.018		<0.018	<0.018		
1/10/2017					<0.018 (*)	4.2
1/11/2017		<0.018				
3/13/2017	<0.018		<0.018	0.022 (J)		
3/14/2017		<0.018				
3/15/2017					<0.018	
3/16/2017						3.5
5/15/2017	<0.018		<0.018	<0.018		3.2
5/16/2017					<0.018	
5/18/2017		<0.018				
10/2/2017	<0.018		<0.018	0.023 (J)		
10/3/2017					0.03 (J)	2.9
10/5/2017		<0.018				
12/20/2017						2
3/12/2018	<0.018		<0.018	<0.018		
3/13/2018					<0.018	3.4
3/14/2018		<0.018				
6/5/2018	<0.018		<0.018	<0.018		
6/6/2018					0.024 (J)	
6/7/2018						5.6
6/10/2018		<0.018				
10/16/2018	<0.018		<0.018	<0.018		
10/17/2018						7.3
10/18/2018		0.081			0.022 (J)	
2/27/2019	<0.018	<0.018	<0.018	<0.018		
2/28/2019					<0.018	3.1
5/31/2019	<0.018	<0.018	<0.018	<0.018	<0.018	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
10/7/2020	<0.018	<0.018	<0.018	<0.018		
10/8/2020						3.6
10/9/2020					0.025 (J)	
3/29/2021	<0.018	<0.018	<0.018	<0.018		
3/31/2021					0.046	
4/1/2021						3.5
9/2/2021	0.021	<0.018	0.018	0.022		

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					0.022	3.1

Time Series

Constituent: Boron (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.018	<0.018	
3/3/2016	1.6	<0.018			2.6
5/2/2016				<0.018	
5/3/2016			<0.018		
5/4/2016	2.3	<0.018 (*)			5.9
7/5/2016			<0.018	<0.018	
7/6/2016	1.9				4.9
7/7/2016		0.034 (J)			
9/6/2016			<0.018	<0.018	
9/7/2016	0.95	<0.018			6.4
11/7/2016		0.045 (J)	<0.018	<0.018	
11/8/2016	1.8				6
1/9/2017			<0.018	<0.018	
1/10/2017	1.9	<0.018 (*)			5.4
3/13/2017			<0.018	<0.018	
3/15/2017	0.38	<0.018			
3/16/2017					4.5
5/15/2017			<0.018	<0.018	
5/16/2017	2	0.043 (J)			3.9
10/2/2017			<0.018	<0.018	
10/3/2017	0.67	0.026 (J)			0.93
12/20/2017	3				3
3/12/2018			<0.018	<0.018	
3/13/2018	2.9	0.07			3.6
6/6/2018			<0.018	<0.018	
6/7/2018	2.9	0.1			3.4
10/17/2018	1.6	0.074	<0.018	<0.018	2.8
2/27/2019			<0.018	<0.018	2.8
2/28/2019	2.5	0.027 (J)			
5/31/2019	3.1	<0.018	<0.018	<0.018	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
10/7/2020			<0.018	<0.018	
10/8/2020					2.4
10/9/2020	0.68	0.018 (J)			
3/29/2021			<0.018	<0.018	
4/1/2021	3.2	0.035			5.1
9/2/2021			<0.018	<0.018	
9/7/2021	1.4	<0.018			1.7

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00028	<0.00028	<0.00028	<0.00028		
3/3/2016					<0.00028	<0.00028
5/2/2016	<0.00028		<0.00028	<0.00028		
5/4/2016		<0.00028			<0.00028	<0.00028
7/5/2016	<0.00028		<0.00028	<0.00028		
7/6/2016						0.00036 (J)
7/7/2016					<0.00028	
7/8/2016		<0.00028				
9/6/2016	<0.00028	<0.00028	<0.00028	<0.00028		
9/7/2016					<0.00028	
9/8/2016						0.00045 (J)
11/7/2016	<0.00028		<0.00028	<0.00028		
11/8/2016					<0.00028	0.00065 (J)
11/10/2016		<0.00028				
1/9/2017	<0.00028		<0.00028	<0.00028		
1/10/2017					<0.00028	0.00051 (J)
1/11/2017		<0.00028				
3/13/2017	<0.00028		<0.00028	<0.00028		
3/14/2017		<0.00028				
3/15/2017					<0.00028	
3/16/2017						0.00049 (J)
5/15/2017	<0.00028		<0.00028	<0.00028		0.00045 (J)
5/16/2017					<0.00028	
5/18/2017		<0.00028				
3/12/2018	<0.00028		<0.00028	<0.00028		
3/13/2018					<0.00028	0.00041 (J)
3/14/2018		<0.00028				
6/5/2018	<0.00028		<0.00028	<0.00028		
6/6/2018					<0.00028	
6/7/2018						0.00066 (J)
6/10/2018		<0.00028				
10/16/2018	<0.00028		<0.00028	<0.00028		
10/17/2018						0.00072 (J)
10/18/2018		<0.00028			<0.00028	
2/27/2019	<0.00028	<0.00028	<0.00028	<0.00028		
2/28/2019					<0.00028	0.00039 (J)
5/31/2019	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028	0.00034 (J)
11/6/2019	<0.00028	<0.00028	<0.00028	<0.00028		
11/11/2019					<0.00028	<0.00028
4/16/2020	<0.00028	<0.00028	<0.00028	<0.00028		
4/18/2020					7.5E-05 (J)	0.00024 (J)
10/7/2020	<0.00028	<0.00028	<0.00028	<0.00028		
10/8/2020						<0.00028
10/9/2020					<0.00028	
3/29/2021	<0.00028	<0.00028	<0.00028	<0.00028		
3/31/2021					<0.00028	
4/1/2021						<0.00028
9/2/2021	<0.00028	<0.00028	<0.00028	<0.00028		
9/7/2021					<0.00028	<0.00028

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00028	<0.00028	
3/3/2016	<0.00028	<0.00028			<0.00028
5/2/2016				<0.00028	
5/3/2016			<0.00028		
5/4/2016	<0.00028	<0.00028			<0.00028
7/5/2016			<0.00028	<0.00028	
7/6/2016	<0.00028				<0.00028
7/7/2016		<0.00028			
9/6/2016			<0.00028	<0.00028	
9/7/2016	<0.00028	<0.00028			<0.00028
11/7/2016		<0.00028	<0.00028	<0.00028	
11/8/2016	<0.00028				<0.00028
1/9/2017			<0.00028	<0.00028	
1/10/2017	<0.00028	<0.00028			<0.00028
3/13/2017			<0.00028	<0.00028	
3/15/2017	<0.00028	<0.00028			
3/16/2017					<0.00028
5/15/2017			<0.00028	<0.00028	
5/16/2017	<0.00028	<0.00028			<0.00028
3/12/2018			<0.00028	<0.00028	
3/13/2018	<0.00028	<0.00028			<0.00028
6/6/2018			<0.00028	<0.00028	
6/7/2018	<0.00028	<0.00028			<0.00028
10/17/2018	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
2/27/2019			<0.00028	<0.00028	<0.00028
2/28/2019	<0.00028	<0.00028			
5/31/2019	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
11/6/2019			<0.00028	<0.00028	
11/11/2019	0.001 (J)	<0.00028			<0.00028
4/16/2020			<0.00028	<0.00028	
4/18/2020	0.00073	7.6E-05 (J)			8.9E-05 (J)
10/7/2020			<0.00028	<0.00028	
10/8/2020					<0.00028
10/9/2020	<0.00028	<0.00028			
3/29/2021			<0.00028	<0.00028	
4/1/2021	<0.00028	<0.00028			<0.00028
9/2/2021			<0.00028	<0.00028	
9/7/2021	0.0042	<0.00028			<0.00028

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	0.93	0.47	0.43	1.6		
10/8/2020						100
10/9/2020					0.58	
3/29/2021	1	0.43	0.46	1.6		
3/31/2021					0.3	
4/1/2021						97
9/2/2021	1.1	0.63	0.47	1.5		

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					0.46	56

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020			0.63	0.67	
10/8/2020					55
10/9/2020	120	0.76			
3/29/2021			0.68	0.75	
4/1/2021	170	0.61			73
9/2/2021			0.56	0.73	
9/7/2021	190	0.53			66

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	6.6	5.9	5.7	5.1		
10/8/2020						230
10/9/2020					8.9	
3/29/2021	10	5.8	5.2	5		
3/31/2021					8.4	
4/1/2021						48
9/2/2021	5.8	5.1	5.1	5.2		

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					8.3	46

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020			6.1	4.7	
10/8/2020					36
10/9/2020	14	7.5			
3/29/2021			6.2	5.4	
4/1/2021	71	7.4			96
9/2/2021			5.9	5.1	
9/7/2021	25	7			88

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	<0.001
5/2/2016	0.0029		0.0019 (J)	0.0034		
5/4/2016		<0.001			0.0037	<0.001
7/5/2016	<0.001		0.0051	0.0059		
7/6/2016						<0.001
7/7/2016					<0.001	
7/8/2016		<0.001				
9/6/2016	<0.001	<0.001	<0.001	<0.001		
9/7/2016					<0.001	
9/8/2016						<0.001
11/7/2016	<0.001		<0.001	<0.001		
11/8/2016					<0.001	<0.001
11/10/2016		<0.001				
1/9/2017	<0.001		0.017 (o)	<0.001		
1/10/2017					<0.001	<0.001
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						<0.001
5/15/2017	<0.001		<0.001	<0.001		<0.001
5/16/2017					<0.001	
5/18/2017		<0.001				
3/12/2018	<0.001		<0.001	<0.001		
3/13/2018					<0.001	<0.001
3/14/2018		<0.001				
6/5/2018	<0.001		<0.001	<0.001		
6/6/2018					<0.001	
6/7/2018						<0.001
6/10/2018		<0.001				
10/16/2018	<0.001		<0.001	<0.001		
10/18/2018		<0.001				
2/27/2019	<0.001	<0.001	<0.001	<0.001		
2/28/2019					<0.001	<0.001
5/31/2019	<0.001	<0.001	<0.001	<0.001		
11/6/2019	<0.001	<0.001	<0.001	<0.001		
4/16/2020	<0.001	<0.001	<0.001	<0.001		
4/18/2020					<0.001	<0.001
10/7/2020	<0.001	0.0046	0.001 (J)	0.0015 (J)		
10/8/2020						<0.001
10/9/2020					<0.001	
3/29/2021	<0.001	0.0024	<0.001	<0.001		
3/31/2021					<0.001	
4/1/2021						0.0014
9/2/2021	0.0014	<0.001	<0.001	<0.001		
9/7/2021					0.0012	0.0012

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.001	0.00056 (J)	
3/3/2016	<0.001	<0.001			<0.001
5/2/2016				0.0021 (J)	
5/3/2016			0.0012 (J)		
5/4/2016	0.0012 (J)	0.0025			<0.001
7/5/2016			<0.001	<0.001	
7/6/2016	<0.001				<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	<0.001	
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	<0.001	
6/7/2018	<0.001	<0.001			<0.001
10/17/2018			<0.001	<0.001	
2/27/2019			<0.001	<0.001	<0.001
2/28/2019	<0.001	<0.001			
5/31/2019			<0.001	<0.001	
11/6/2019			<0.001	<0.001	
4/16/2020			<0.001	<0.001	
4/18/2020	<0.001	<0.001			0.00082
10/7/2020			0.0033	0.0017 (J)	
10/8/2020					<0.001
10/9/2020	0.0016 (J)	0.0016 (J)			
3/29/2021			<0.001	<0.001	
4/1/2021	<0.001	<0.001			<0.001
9/2/2021			<0.001	<0.001	
9/7/2021	0.0025	0.0012			0.0022

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	0.00039 (J)	<0.00056	0.00064 (J)	0.00023 (J)		
3/3/2016					<0.00056	<0.00056
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		
5/4/2016		<0.00056			0.00093 (J)	0.0007 (J)
7/5/2016	0.00049 (J)		0.0027	0.0032		
7/6/2016						<0.00056
7/7/2016					<0.00056	
7/8/2016		<0.00056				
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.00056		
9/7/2016					<0.00056	
9/8/2016						<0.00056
11/7/2016	0.00049 (J)		0.00058 (J)	<0.00056		
11/8/2016					<0.00056	0.00051 (J)
11/10/2016		<0.00056				
1/9/2017	0.00045 (J)		0.00059 (J)	<0.00056		
1/10/2017					<0.00056	<0.00056
1/11/2017		<0.00056				
3/13/2017	0.00048 (J)		0.0005 (J)	<0.00056		
3/14/2017		<0.00056				
3/15/2017					<0.00056	
3/16/2017						0.0004 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.00056		0.00079 (J)
5/16/2017					<0.00056	
5/18/2017		<0.00056				
3/12/2018	0.00055 (J)		0.00055 (J)	<0.00056		
3/13/2018					<0.00056	0.00056 (J)
3/14/2018		<0.00056				
6/5/2018	0.00051 (J)		0.00052 (J)	<0.00056		
6/6/2018					<0.00056	
6/7/2018						0.0007 (J)
6/10/2018		<0.00056				
10/16/2018	0.00058 (J)		0.00045 (J)	<0.00056		
10/17/2018						<0.00056
10/18/2018		<0.00056			<0.00056	
2/27/2019	0.00065 (J)	<0.00056	0.00056 (J)	<0.00056		
2/28/2019					<0.00056	0.00059 (J)
5/31/2019	0.00046 (J)	<0.00056	<0.00056	<0.00056	<0.00056	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)
10/7/2020	0.0006 (J)	<0.00056	<0.00056	<0.00056		
10/8/2020						<0.00056
10/9/2020					<0.00056	
3/29/2021	0.00059	<0.00056	<0.00056	<0.00056		
3/31/2021					<0.00056	
4/1/2021						<0.00056
9/2/2021	0.00069	<0.00056	<0.00056	<0.00056		
9/7/2021					<0.00056	<0.00056

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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	0.00085 (J)			0.00063 (J)
5/2/2016				0.001 (J)	
5/3/2016			0.00079 (J)		
5/4/2016	0.16	0.001 (J)			0.00056 (J)
7/5/2016			<0.00056	0.00055 (J)	
7/6/2016	0.15				<0.00056
7/7/2016		0.00044 (J)			
9/6/2016			0.00094 (J)	0.00057 (J)	
9/7/2016	0.019	0.00052 (J)			<0.00056
11/7/2016		0.00046 (J)	0.00041 (J)	0.00047 (J)	
11/8/2016	0.099				<0.00056
1/9/2017			0.00074 (J)	0.00054 (J)	
1/10/2017	0.077	0.00042 (J)			<0.00056
3/13/2017			0.00091 (J)	0.0004 (J)	
3/15/2017	0.0042	0.00044 (J)			
3/16/2017					<0.00056
5/15/2017			0.00075 (J)	0.00046 (J)	
5/16/2017	0.0067	<0.00056			<0.00056
3/12/2018			0.00044 (J)	<0.00056	
3/13/2018	0.015	<0.00056			<0.00056
6/6/2018			0.0004 (J)	0.00048 (J)	
6/7/2018	0.014	<0.00056			<0.00056
10/17/2018	0.012	<0.00056	<0.00056	0.00043 (J)	<0.00056
2/27/2019			<0.00056	0.00045 (J)	<0.00056
2/28/2019	0.02	0.00042 (J)			
5/31/2019	0.026	0.00046 (J)	<0.00056	<0.00056	<0.00056
11/6/2019			0.00029 (J)	0.00094 (J)	
11/11/2019	0.023	0.00063 (J)			<0.00056
4/16/2020			0.00029 (J)	0.00053	
4/18/2020	0.015	0.00045 (J)			<0.00056
10/7/2020			<0.00056	<0.00056	
10/8/2020					<0.00056
10/9/2020	0.0019 (J)	<0.00056			
3/29/2021			<0.00056	0.00062	
4/1/2021	0.0079	<0.00056			<0.00056
9/2/2021			<0.00056	0.00069	
9/7/2021	0.3	<0.00056			<0.00056

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	1.14	1.07	0.763	1.75		
10/8/2020						8.36
10/9/2020					4.71	
3/29/2021	1.72	0.561	0.708			
3/30/2021				1.71		
3/31/2021					4.44	
4/1/2021						6.31
9/2/2021	1.65	0.975	1.75	2.13		
9/7/2021					5.47	6.02

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020			0.709 (U)	0.46 (U)	
10/8/2020					3.17
10/9/2020	1.58	0.858			
3/29/2021			0.899	0.642	
4/1/2021	6.79	1.23			2.27
9/2/2021			0.856	0.951	
9/7/2021	6.19	1.6			2.42

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	4.74	5.08	4.91	4.8		
10/8/2020						6.68
10/9/2020					4.6	
3/29/2021	4.79	4.92	4.89	4.8		
3/31/2021					4.69	
4/1/2021						6.46
9/2/2021	4.81	5.07	4.87	4.77		

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					4.52	6.56

Time Series

Constituent: Field pH (SU) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020			5.13	5.5	
10/8/2020					5.78
10/9/2020	6.49	4.93			
3/29/2021			4.93	5.46	
4/1/2021	5.81	4.83			6.55
9/2/2021			4.94	5.16	
9/7/2021	5.1	4.68			6.13

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.032	<0.032	<0.032	<0.032		
3/3/2016					0.041 (J)	0.15
5/2/2016	<0.032		<0.032	<0.032		
5/4/2016		<0.032			<0.032	0.11
7/5/2016	<0.032		<0.032	<0.032		
7/6/2016						0.13
7/7/2016					<0.032	
7/8/2016		<0.032				
9/6/2016	<0.032	<0.032	<0.032	<0.032		
9/7/2016					<0.032	
9/8/2016						0.12
11/7/2016	<0.032		<0.032	<0.032		
11/8/2016					<0.032	0.13
11/10/2016		<0.032				
1/9/2017	<0.032		<0.032	<0.032		
1/10/2017					<0.032	0.15
1/11/2017		<0.032				
3/13/2017	<0.032		<0.032	<0.032		
3/14/2017		<0.032				
3/15/2017					<0.032	
3/16/2017						0.16
5/15/2017	<0.032		<0.032	<0.032		0.2
5/16/2017					<0.032	
5/18/2017		<0.032				
10/2/2017	<0.032		<0.032	<0.032		
10/3/2017					<0.032	0.25
10/5/2017		<0.032				
12/20/2017						0.25
3/12/2018	<0.032		<0.032	<0.032		
3/13/2018					<0.032	0.26
3/14/2018		0.12				
6/5/2018	<0.032		<0.032	<0.032		
6/6/2018					<0.032	
6/7/2018						0.28
6/10/2018		<0.032				
10/16/2018	<0.032		<0.032	<0.032		
10/17/2018						0.29
10/18/2018		<0.032			<0.032	
2/27/2019	<0.032	<0.032	<0.032	<0.032		
2/28/2019					<0.032	0.28
5/31/2019	<0.032	<0.032	<0.032	<0.032	<0.032	0.33
11/6/2019	<0.032	<0.032	<0.032	<0.032		
11/11/2019					<0.032	0.26
4/16/2020	<0.032	<0.032	<0.032	<0.032		
4/18/2020					<0.032	0.25
10/7/2020	<0.032	<0.032	<0.032	<0.032		
10/8/2020						<0.032
10/9/2020					<0.032	
3/29/2021	0.06	<0.032	<0.032	<0.032		
3/31/2021					<0.032	
4/1/2021						0.26
9/2/2021	0.08	0.04	0.1	<0.032		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					<0.032	0.24

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.032	0.033 (J)	
3/3/2016	0.12	0.035 (J)			0.11
5/2/2016				<0.032	
5/3/2016			<0.032		
5/4/2016	0.19	<0.032			0.07 (J)
7/5/2016			<0.032	<0.032	
7/6/2016	0.15				0.07 (J)
7/7/2016		<0.032			
9/6/2016			<0.032	<0.032	
9/7/2016	0.06 (J)	<0.032			0.06 (J)
11/7/2016		<0.032	<0.032	<0.032	
11/8/2016	0.09 (J)				0.06 (J)
1/9/2017			<0.032	<0.032	
1/10/2017	<0.032	<0.032			0.04 (J)
3/13/2017			<0.032	<0.032	
3/15/2017	<0.032	<0.032			
3/16/2017					0.06 (J)
5/15/2017			<0.032	<0.032	
5/16/2017	0.04 (J)	<0.032			0.09 (J)
10/2/2017			<0.032	<0.032	
10/3/2017	0.07 (J)	<0.032			0.13
12/20/2017					0.1
3/12/2018			<0.032	<0.032	
3/13/2018	<0.032	<0.032			0.1
6/6/2018			<0.032	<0.032	
6/7/2018	<0.032	<0.032			0.14
10/17/2018	0.06 (J)	<0.032	<0.032	<0.032	0.14
2/27/2019			<0.032	<0.032	0.16
2/28/2019	<0.032	<0.032			
5/31/2019	<0.032	<0.032	<0.032	<0.032	0.2
11/6/2019			<0.032	<0.032	
11/11/2019	<0.032	<0.032			0.16
4/16/2020			<0.032	<0.032	
4/18/2020	<0.032	<0.032			0.17
10/7/2020			<0.032	<0.032	
10/8/2020					0.07 (J)
10/9/2020	0.04 (J)	<0.032			
3/29/2021			<0.032	<0.032	
4/1/2021	0.04	0.032			0.19
9/2/2021			<0.032	0.04	
9/7/2021	0.7	<0.032			0.17

Time Series

Constituent: Lead (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00029	<0.00029	<0.00029	<0.00029		
3/3/2016					<0.00029	<0.00029
5/2/2016	<0.00029		<0.00029	<0.00029		
5/4/2016		<0.00029			<0.00029	<0.00029
7/5/2016	<0.00029		<0.00029	<0.00029		
7/6/2016						<0.00029
7/7/2016					<0.00029	
7/8/2016		<0.00029				
9/6/2016	<0.00029	<0.00029	<0.00029	<0.00029		
9/7/2016					<0.00029	
9/8/2016						<0.00029
11/7/2016	<0.00029		<0.00029	<0.00029		
11/8/2016					<0.00029	<0.00029
11/10/2016		<0.00029				
1/9/2017	<0.00029		<0.00029	<0.00029		
1/10/2017					<0.00029	<0.00029
1/11/2017		<0.00029				
3/13/2017	<0.00029		<0.00029	<0.00029		
3/14/2017		<0.00029				
3/15/2017					<0.00029	
3/16/2017						<0.00029
5/15/2017	<0.00029		<0.00029	<0.00029		<0.00029
5/16/2017					<0.00029	
5/18/2017		<0.00029				
3/12/2018	<0.00029		<0.00029	<0.00029		
3/13/2018					<0.00029	<0.00029
3/14/2018		<0.00029				
6/5/2018	<0.00029		<0.00029	<0.00029		
6/6/2018					<0.00029	
6/7/2018						<0.00029
6/10/2018		<0.00029				
10/16/2018	<0.00029		<0.00029	<0.00029		
10/18/2018		<0.00029				
2/27/2019	<0.00029	<0.00029	0.001 (J)	<0.00029		
2/28/2019					<0.00029	<0.00029
5/31/2019	<0.00029	<0.00029	<0.00029	<0.00029		
11/6/2019	0.0001 (J)	<0.00029	6.6E-05 (J)	8.4E-05 (J)		
4/16/2020	6.6E-05 (J)	<0.00029	<0.00029	<0.00029		
4/18/2020					8.3E-05 (J)	0.00011 (J)
10/7/2020	<0.00029	<0.00029	<0.00029	<0.00029		
10/8/2020						<0.00029
10/9/2020					<0.00029	
3/29/2021	<0.00029	<0.00029	<0.00029	<0.00029		
3/31/2021					0.00039	
4/1/2021						<0.00029
9/2/2021	<0.00029	<0.00029	<0.00029	<0.00029		
9/7/2021					<0.00029	<0.00029

Time Series

Constituent: Lead (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00029	<0.00029	
3/3/2016	<0.00029	<0.00029			<0.00029
5/2/2016				<0.00029	
5/3/2016			<0.00029		
5/4/2016	0.00086 (J)	<0.00029			<0.00029
7/5/2016			<0.00029	<0.00029	
7/6/2016	0.0014				<0.00029
7/7/2016		<0.00029			
9/6/2016			<0.00029	<0.00029	
9/7/2016	0.00056 (J)	<0.00029			<0.00029
11/7/2016		<0.00029	<0.00029	<0.00029	
11/8/2016	0.00047 (J)				<0.00029
1/9/2017			<0.00029	<0.00029	
1/10/2017	0.00041 (J)	<0.00029			<0.00029
3/13/2017			<0.00029	<0.00029	
3/15/2017	<0.00029	<0.00029			
3/16/2017					<0.00029
5/15/2017			<0.00029	<0.00029	
5/16/2017	<0.00029	<0.00029			<0.00029
3/12/2018			<0.00029	<0.00029	
3/13/2018	<0.00029	<0.00029			<0.00029
6/6/2018			<0.00029	<0.00029	
6/7/2018	<0.00029	<0.00029			<0.00029
10/17/2018			<0.00029	<0.00029	
2/27/2019			<0.00029	<0.00029	<0.00029
2/28/2019	<0.00029	<0.00029			
5/31/2019			<0.00029	<0.00029	
11/6/2019			<0.00029	0.0002 (J)	
4/16/2020			<0.00029	0.00016 (J)	
4/18/2020	0.00022 (J)	<0.00029			<0.00029
10/7/2020			<0.00029	<0.00029	
10/8/2020					<0.00029
10/9/2020	0.00048 (J)	<0.00029			
3/29/2021			<0.00029	<0.00029	
4/1/2021	<0.00029	<0.00029			<0.00029
9/2/2021			<0.00029	<0.00029	
9/7/2021	<0.00029	<0.00029			<0.00029

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0019	<0.0019	<0.0019	<0.0019		
3/3/2016					<0.0019	0.037
5/2/2016	<0.0019		<0.0019	<0.0019		
5/4/2016		<0.0019			<0.0019	0.029
7/5/2016	<0.0019		<0.0019	<0.0019		
7/6/2016						0.024
7/7/2016					<0.0019	
7/8/2016		<0.0019				
9/6/2016	<0.0019	0.0037 (J)	<0.0019	<0.0019		
9/7/2016					<0.0019	
9/8/2016						0.022
11/7/2016	<0.0019		<0.0019	<0.0019		
11/8/2016					<0.0019	0.026
11/10/2016		<0.0019				
1/9/2017	<0.0019		<0.0019	<0.0019		
1/10/2017					<0.0019	0.024
1/11/2017		<0.0019				
3/13/2017	<0.0019		<0.0019	<0.0019		
3/14/2017		<0.0019				
3/15/2017					<0.0019	
3/16/2017						0.029
5/15/2017	<0.0019		<0.0019	<0.0019		0.025
5/16/2017					<0.0019	
5/18/2017		<0.0019				
3/12/2018	0.0011 (J)		0.0014 (J)	<0.0019		
3/13/2018					<0.0019	0.03
3/14/2018		<0.0019				
6/5/2018	<0.0019		0.0012 (J)	<0.0019		
6/6/2018					<0.0019	
6/7/2018						0.025
6/10/2018		<0.0019				
10/16/2018	<0.0019		0.0015 (J)	0.0013 (J)		
10/17/2018						0.024
10/18/2018		0.0013 (J)			<0.0019	
2/27/2019	<0.0019	<0.0019	<0.0019	<0.0019		
2/28/2019					<0.0019	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	<0.0019		
11/11/2019					0.00062 (J)	0.023
4/16/2020	0.0006 (J)	<0.0019	0.00063 (J)	<0.0019		
4/18/2020					0.00062 (J)	0.023
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)		
10/8/2020						0.029
10/9/2020					<0.0019	
3/29/2021	<0.0019	0.0019	<0.0019	<0.0019		
3/31/2021					0.0036	
4/1/2021						0.022
9/2/2021	<0.0019	<0.0019	<0.0019	<0.0019		
9/7/2021					<0.0019	0.023

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0019	0.0037	
3/3/2016	<0.0019	<0.0019			<0.0019
5/2/2016				<0.0019	
5/3/2016			<0.0019		
5/4/2016	<0.0019	<0.0019			<0.0019
7/5/2016			<0.0019	<0.0019	
7/6/2016	0.0044 (J)				<0.0019
7/7/2016		<0.0019			
9/6/2016			<0.0019	<0.0019	
9/7/2016	<0.0019	<0.0019			<0.0019
11/7/2016		<0.0019	<0.0019	0.0097 (o)	
11/8/2016	<0.0019				<0.0019
1/9/2017			<0.0019	<0.0019	
1/10/2017	<0.0019	<0.0019			<0.0019
3/13/2017			<0.0019	<0.0019	
3/15/2017	<0.0019	<0.0019			
3/16/2017					<0.0019
5/15/2017			<0.0019	<0.0019	
5/16/2017	<0.0019	<0.0019			<0.0019
3/12/2018			<0.0019	<0.0019	
3/13/2018	<0.0019	<0.0019			<0.0019
6/6/2018			<0.0019	0.0021 (J)	
6/7/2018	0.0012 (J)	0.0014 (J)			0.0011 (J)
10/17/2018	<0.0019	<0.0019	<0.0019	0.0012 (J)	<0.0019
2/27/2019			<0.0019	0.002 (J)	0.0011 (J)
2/28/2019	<0.0019	<0.0019			
5/31/2019	0.0023 (J)	<0.0019	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			<0.0019	0.00091 (J)	
4/18/2020	0.0012	0.00047 (J)			<0.0019
10/7/2020			0.005	0.0049 (J)	
10/8/2020					<0.0019
10/9/2020	<0.0019	<0.0019			
3/29/2021			<0.0019	0.0042	
4/1/2021	0.0027	0.0025			<0.0019
9/2/2021			<0.0019	<0.0019	
9/7/2021	0.0096	<0.0019			<0.0019

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00015	<0.00015	9.1E-05 (J)	<0.00015		
3/3/2016					<0.00015	<0.00015
5/2/2016	<0.00015		7.4E-05 (J)	<0.00015		
5/4/2016		<0.00015			<0.00015	<0.00015
7/5/2016	<0.00015		<0.00015	<0.00015		
7/6/2016						<0.00015
7/7/2016					<0.00015	
7/8/2016		<0.00015 (*)				
9/6/2016	<0.00015 (*)	<0.00015	<0.00015 (*)	<0.00015		
9/7/2016					<0.00015	
9/8/2016						<0.00015
11/7/2016	<0.00015		<0.00015	<0.00015		
11/8/2016					<0.00015	<0.00015
11/10/2016		<0.00015				
1/9/2017	<0.00015 (*)		<0.00015 (*)	<0.00015 (*)		
1/10/2017					<0.00015	<0.00015
1/11/2017		<0.00015				
3/13/2017	<0.00015		<0.00015	<0.00015		
3/14/2017		<0.00015 (*)				
3/15/2017					<0.00015	
3/16/2017						<0.00015
5/15/2017	<0.00015		<0.00015	<0.00015		<0.00015
5/16/2017					<0.00015	
5/18/2017		<0.00015				
3/12/2018	<0.00015		<0.00015	<0.00015		
3/13/2018					<0.00015	<0.00015
3/14/2018		9.3E-05 (J)				
6/5/2018	<0.00015		<0.00015	<0.00015		
6/6/2018					<0.00015	
6/7/2018						<0.00015
6/10/2018		<0.00015				
10/16/2018	<0.00015		<0.00015	<0.00015		
10/17/2018						<0.00015
10/18/2018		<0.00015			<0.00015	
2/27/2019	<0.00015	<0.00015	<0.00015	<0.00015		
2/28/2019					<0.00015	<0.00015
5/31/2019	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
11/6/2019	<0.00015	<0.00015	<0.00015	<0.00015		
11/11/2019					<0.00015	<0.00015
4/16/2020	<0.00015	<0.00015	<0.00015	<0.00015		
4/18/2020					<0.00015	<0.00015
10/7/2020	<0.00015	<0.00015	0.00025	0.00013 (J)		
10/8/2020						<0.00015
10/9/2020					<0.00015	
3/29/2021	<0.00015	<0.00015	<0.00015	<0.00015		
3/31/2021					0.00019	
4/1/2021						<0.00015
9/2/2021	<0.00015	<0.00015	<0.00015	<0.00015		
9/7/2021					<0.00015	<0.00015

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00015	<0.00015	
3/3/2016	8.6E-05 (J)	<0.00015			<0.00015
5/2/2016				<0.00015	
5/3/2016			<0.00015		
5/4/2016	0.00026	<0.00015			<0.00015
7/5/2016			<0.00015	<0.00015	
7/6/2016	0.0012				<0.00015 (*)
7/7/2016		<0.00015			
9/6/2016			<0.00015 (*)	<0.00015 (*)	
9/7/2016	<0.00015	<0.00015			<0.00015
11/7/2016		<0.00015	<0.00015	<0.00015	
11/8/2016	0.00065				<0.00015
1/9/2017			<0.00015 (*)	<0.00015 (*)	
1/10/2017	<0.00015	<0.00015			<0.00015
3/13/2017			<0.00015	<0.00015	
3/15/2017	<0.00015	<0.00015			
3/16/2017					<0.00015
5/15/2017			<0.00015	<0.00015	
5/16/2017	0.00042	<0.00015			<0.00015
3/12/2018			<0.00015	<0.00015	
3/13/2018	0.00039	<0.00015			<0.00015
6/6/2018			<0.00015	<0.00015	
6/7/2018	0.00033	<0.00015			<0.00015
10/17/2018	0.00041	<0.00015	<0.00015	<0.00015	<0.00015
2/27/2019			<0.00015	<0.00015	<0.00015
2/28/2019	0.00055	<0.00015			
5/31/2019	0.00054	<0.00015	<0.00015	<0.00015	<0.00015
11/6/2019			<0.00015	<0.00015	
11/11/2019	0.0011	<0.00015			<0.00015
4/16/2020			<0.00015	<0.00015	
4/18/2020	0.00082	<0.00015			<0.00015
10/7/2020			8E-05 (J)	<0.00015	
10/8/2020					8.7E-05 (J)
10/9/2020	0.00033	0.00014 (J)			
3/29/2021			<0.00015	<0.00015	
4/1/2021	0.00012	<0.00015			0.00042
9/2/2021			<0.00015	<0.00015	
9/7/2021	<0.00015	<0.00015			<0.00015

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0045	<0.0045	<0.0045	<0.0045		
3/3/2016					<0.0045	0.99
5/2/2016	<0.0045		<0.0045	<0.0045		
5/4/2016		<0.0045			<0.0045	0.99
7/5/2016	<0.0045		<0.0045	<0.0045		
7/6/2016						1.9
7/7/2016					<0.0045	
7/8/2016		<0.0045				
9/6/2016	<0.0045	<0.0045	<0.0045	<0.0045		
9/7/2016					<0.0045	
9/8/2016						2.4
11/7/2016	<0.0045		<0.0045	<0.0045		
11/8/2016					<0.0045	2.2
11/10/2016		<0.0045				
1/9/2017	<0.0045		<0.0045	<0.0045		
1/10/2017					<0.0045	2.1
1/11/2017		<0.0045				
3/13/2017	0.0042 (J)		<0.0045	0.0022 (J)		
3/14/2017		<0.0045				
3/15/2017					<0.0045	
3/16/2017						1.6
5/15/2017	<0.0045		<0.0045	<0.0045		1.2
5/16/2017					<0.0045	
5/18/2017		<0.0045				
3/12/2018	<0.0045		<0.0045	<0.0045		
3/13/2018					<0.0045	1
3/14/2018		<0.0045				
6/5/2018	<0.0045		0.00088 (J)	<0.0045		
6/6/2018					<0.0045	
6/7/2018						1.1
6/10/2018		<0.0045				
10/16/2018	<0.0045		<0.0045	<0.0045		
10/17/2018						1.1
10/18/2018		<0.0045			<0.0045	
2/27/2019	<0.0045	<0.0045	<0.0045	<0.0045		
2/28/2019					<0.0045	0.77
5/31/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	0.64
11/6/2019	<0.0045	<0.0045	<0.0045	<0.0045		
11/11/2019					<0.0045	0.85
4/16/2020	<0.0045	<0.0045	<0.0045	<0.0045		
4/18/2020					<0.0045	0.81
10/7/2020	<0.0045	<0.0045	<0.0045	<0.0045		
10/8/2020						0.5
10/9/2020					<0.0045	
3/29/2021	<0.0045	<0.0045	<0.0045	<0.0045		
3/31/2021					<0.0045	
4/1/2021						0.49
9/2/2021	<0.0045	<0.0045	<0.0045	<0.0045		
9/7/2021					<0.0045	0.44

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0045	<0.0045	
3/3/2016	<0.0045	<0.0045			<0.0045
5/2/2016				<0.0045	
5/3/2016			<0.0045		
5/4/2016	<0.0045	<0.0045			<0.0045
7/5/2016			<0.0045	<0.0045	
7/6/2016	0.0018 (J)				<0.0045
7/7/2016		<0.0045			
9/6/2016			<0.0045	<0.0045	
9/7/2016	0.0029 (J)	<0.0045			<0.0045
11/7/2016		<0.0045	<0.0045	<0.0045	
11/8/2016	<0.0045				<0.0045
1/9/2017			<0.0045	<0.0045	
1/10/2017	<0.0045 (*)	<0.0045			<0.0045
3/13/2017			<0.0045	<0.0045	
3/15/2017	<0.0045	<0.0045			
3/16/2017					<0.0045
5/15/2017			<0.0045	<0.0045	
5/16/2017	<0.0045 (*)	<0.0045 (*)			<0.0045
3/12/2018			<0.0045	<0.0045	
3/13/2018	0.0033 (J)	<0.0045			<0.0045
6/6/2018			<0.0045	<0.0045	
6/7/2018	0.0065 (J)	0.0016 (J)			0.00098 (J)
10/17/2018	0.0043 (J)	<0.0045	<0.0045	<0.0045	<0.0045
2/27/2019			<0.0045	<0.0045	<0.0045
2/28/2019	0.0028 (J)	<0.0045			
5/31/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
11/6/2019			<0.0045	<0.0045	
11/11/2019	0.0056 (J)	<0.0045			<0.0045
4/16/2020			<0.0045	<0.0045	
4/18/2020	<0.0045	<0.0045			<0.0045
10/7/2020			<0.0045	<0.0045	
10/8/2020					<0.0045
10/9/2020	<0.0045	<0.0045			
3/29/2021			<0.0045	<0.0045	
4/1/2021	<0.0045	<0.0045			<0.0045
9/2/2021			<0.0045	<0.0045	
9/7/2021	<0.0045	<0.0045			<0.0045

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00082	<0.00082	<0.00082	<0.00082		
3/3/2016					<0.00082	0.008
5/2/2016	<0.00082		<0.00082	0.00025 (J)		
5/4/2016		<0.00082			<0.00082	0.0068
7/5/2016	<0.00082		<0.00082	<0.00082		
7/6/2016						0.0061
7/7/2016					<0.00082	
7/8/2016		<0.00082				
9/6/2016	0.00049 (J)	<0.00082	<0.00082	0.00027 (J)		
9/7/2016					<0.00082	
9/8/2016						0.0065
11/7/2016	<0.00082		<0.00082	<0.00082		
11/8/2016					<0.00082	0.0046
11/10/2016		<0.00082				
1/9/2017	<0.00082		<0.00082	<0.00082		
1/10/2017					<0.00082	0.0045
1/11/2017		0.00049 (J)				
3/13/2017	0.0023		<0.00082	0.0025		
3/14/2017		<0.00082				
3/15/2017					<0.00082	
3/16/2017						0.0079
5/15/2017	<0.00082		<0.00082	<0.00082		0.0064
5/16/2017					<0.00082	
5/18/2017		<0.00082				
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)		
3/13/2018					<0.00082	0.0037
3/14/2018		0.00067 (J)				
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)		
6/6/2018					<0.00082	
6/7/2018						0.0054
6/10/2018		0.00028 (J)				
10/16/2018	<0.00082		<0.00082	<0.00082		
10/17/2018						0.0026
10/18/2018		<0.00082			<0.00082	
2/27/2019	<0.00082	<0.00082	<0.00082	<0.00082		
2/28/2019					<0.00082	0.002
5/31/2019	<0.00082	<0.00082	<0.00082	<0.00082	<0.00082	0.0041
11/6/2019	<0.00082	<0.00082	<0.00082	0.00034		
11/11/2019					<0.00082	0.0031
4/16/2020	<0.00082	<0.00082	<0.00082	0.0004		
4/18/2020					<0.00082	0.0035
10/7/2020	<0.00082	<0.00082	<0.00082	<0.00082		
10/8/2020						0.0014
10/9/2020					<0.00082	
3/29/2021	<0.00082	<0.00082	<0.00082	<0.00082		
3/31/2021					<0.00082	
4/1/2021						0.004
9/2/2021	<0.00082	<0.00082	<0.00082	<0.00082		
9/7/2021					<0.00082	0.0046

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00082	<0.00082	
3/3/2016	0.0041 (J)	<0.00082			0.0051 (J)
5/2/2016				<0.00082	
5/3/2016			<0.00082		
5/4/2016	0.008	<0.00082			0.0049
7/5/2016			<0.00082	<0.00082	
7/6/2016	0.0056				0.0066
7/7/2016		<0.00082			
9/6/2016			<0.00082	<0.00082	
9/7/2016	0.0045	<0.00082			0.0073
11/7/2016		<0.00082	<0.00082	<0.00082	
11/8/2016	0.0055				0.0058
1/9/2017			<0.00082	<0.00082	
1/10/2017	0.0056	<0.00082			0.0058
3/13/2017			<0.00082	<0.00082	
3/15/2017	0.0088	<0.00082			
3/16/2017					0.006
5/15/2017			<0.00082	<0.00082	
5/16/2017	0.0029	<0.00082			0.0058
3/12/2018			0.00026 (J)	<0.00082	
3/13/2018	0.0065	<0.00082			0.0048
6/6/2018			0.00025 (J)	0.00026 (J)	
6/7/2018	0.0047	<0.00082			0.0061
10/17/2018	0.05 (o)	<0.00082	<0.00082	<0.00082	0.0023
2/27/2019			<0.00082	<0.00082	0.0033
2/28/2019	0.0011 (J)	<0.00082			
5/31/2019	0.0045	<0.00082	<0.00082	<0.00082	0.0031
11/6/2019			<0.00082	<0.00082	
11/11/2019	0.0067	0.00027			0.002
4/16/2020			<0.00082	<0.00082	
4/18/2020	0.0066	<0.00082			0.0021
10/7/2020			<0.00082	<0.00082	
10/8/2020					0.0047
10/9/2020	0.0057	<0.00082			
3/29/2021			<0.00082	<0.00082	
4/1/2021	0.0038	<0.00082			0.0027
9/2/2021			<0.00082	<0.00082	
9/7/2021	0.0069	<0.00082			0.0045

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<1.4	<1.4	<1.4	1.6 (J)		
3/3/2016					<1.4	180
5/2/2016	15 (o)		<1.4	2.1 (J)		
5/4/2016		<1.4			<1.4	200
7/5/2016	<1.4		<1.4	2 (J)		
7/6/2016						150
7/7/2016					<1.4	
7/8/2016		<1.4				
9/6/2016	<1.4	<1.4	<1.4	1.8 (J)		
9/7/2016					<1.4	
9/8/2016						160
11/7/2016	<1.4		<1.4	1.7 (J)		
11/8/2016					<1.4	230
11/10/2016		<1.4				
1/9/2017	<1.4		2.6 (J)	1.5 (J)		
1/10/2017					<1.4	190
1/11/2017		<1.4				
3/13/2017	2.5 (J)		<1.4	2.2 (J)		
3/14/2017		<1.4				
3/15/2017					<1.4 (*)	
3/16/2017						190
5/15/2017	<1.4		<1.4	1.9 (J)		190
5/16/2017					<1.4	
5/18/2017		<1.4 (X)				
10/2/2017	<1.4		<1.4	3.4 (J)		
10/3/2017					<1.4	130
10/5/2017		<1.4				
12/20/2017						85
3/12/2018	<1.4		<1.4	2.6 (J)		
3/13/2018					<1.4	160
3/14/2018		<1.4				
6/5/2018	<1.4		<1.4	2.6 (J)		
6/6/2018					<1.4	
6/7/2018						280
6/10/2018		1.5 (J)				
10/16/2018	<1.4		<1.4	2.8 (J)		
10/17/2018						250
10/18/2018		<1.4			<1.4	
2/27/2019	<1.4	1.9 (J)	<1.4	2.4 (J)		
2/28/2019					<1.4	140
5/31/2019	<1.4	<1.4	<1.4	3.3 (J)	<1.4	140
11/6/2019	<1.4	<1.4	<1.4	3.7 (J)		
11/11/2019					<1.4	230
4/16/2020	<1.4	<1.4	<1.4	1.7 (J)		
4/18/2020					<1.4	260
10/7/2020	<1.4	<1.4	<1.4	4 (J)		
10/8/2020						160
10/9/2020					<1.4	
3/29/2021	<1.4	<1.4	<1.4	2.3		
3/31/2021					18	
4/1/2021						320
9/2/2021	<1.4	<1.4	<1.4	4.7		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					<1.4	120

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<1.4	<1.4	
3/3/2016	550	<1.4			230
5/2/2016				<1.4	
5/3/2016			<1.4		
5/4/2016	520	<1.4			280
7/5/2016			<1.4	<1.4	
7/6/2016	510				270
7/7/2016		<1.4			
9/6/2016			<1.4	3.7 (J)	
9/7/2016	340	<1.4			280
11/7/2016		<1.4	<1.4	<1.4	
11/8/2016	630				280
1/9/2017			<1.4	<1.4	
1/10/2017	580	<1.4			240
3/13/2017			<1.4	<1.4	
3/15/2017	250	<1.4 (*)			
3/16/2017					220
5/15/2017			<1.4	<1.4	
5/16/2017	410	<1.4			200
10/2/2017			1.5 (J)	1.7 (J)	
10/3/2017	440	<1.4			180
12/20/2017	400				170
3/12/2018			<1.4	<1.4	
3/13/2018	460	1.5 (J)			210
6/6/2018			<1.4	<1.4	
6/7/2018	420	<1.4			210
10/17/2018	320	<1.4	<1.4	<1.4	140
2/27/2019			<1.4	<1.4	150
2/28/2019	490	2.6 (J)			
5/31/2019	500	12	<1.4	<1.4	210
11/6/2019			<1.4	<1.4	
11/11/2019	340	5.5			170
4/16/2020			<1.4	<1.4	
4/18/2020	600	<1.4			120
10/7/2020			<1.4	<1.4	
10/8/2020					170
10/9/2020	300	<1.4			
3/29/2021			<1.4	<1.4	
4/1/2021	750	1.9			190
9/2/2021			<1.4	<1.4	
9/7/2021	530	<1.4			140

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00012	<0.00012	<0.00012	<0.00012		
3/3/2016					<0.00012	0.00023 (J)
5/2/2016	<0.00012		<0.00012	<0.00012		
5/4/2016		<0.00012			<0.00012	0.00021 (J)
7/5/2016	<0.00012		<0.00012	<0.00012		
7/6/2016						0.00016 (J)
7/7/2016					<0.00012	
7/8/2016		<0.00012				
9/6/2016	<0.00012	<0.00012	<0.00012	<0.00012		
9/7/2016					<0.00012	
9/8/2016						0.00015 (J)
11/7/2016	<0.00012		<0.00012	<0.00012		
11/8/2016					<0.00012	0.00017 (J)
11/10/2016		<0.00012				
1/9/2017	<0.00012		<0.00012	<0.00012		
1/10/2017					<0.00012	0.00018 (J)
1/11/2017		<0.00012				
3/13/2017	<0.00012		<0.00012	<0.00012		
3/14/2017		<0.00012				
3/15/2017					<0.00012	
3/16/2017						0.00024 (J)
5/15/2017	<0.00012		<0.00012	<0.00012		0.00022 (J)
5/16/2017					<0.00012	
5/18/2017		<0.00012				
3/12/2018	<0.00012		<0.00012	<0.00012		
3/13/2018					<0.00012	0.00022 (J)
3/14/2018		<0.00012				
6/5/2018	<0.00012		<0.00012	<0.00012		
6/6/2018					<0.00012	
6/7/2018						0.00022 (J)
6/10/2018		<0.00012				
10/16/2018	<0.00012		<0.00012	<0.00012		
10/17/2018						0.00019 (J)
10/18/2018		<0.00012			<0.00012	
2/27/2019	<0.00012	<0.00012	<0.00012	<0.00012		
2/28/2019					<0.00012	0.00018 (J)
5/31/2019	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
11/6/2019	<0.00012	<0.00012	<0.00012	<0.00012		
11/11/2019					<0.00012	0.00023 (J)
4/16/2020	<0.00012	<0.00012	<0.00012	<0.00012		
4/18/2020					<0.00012	0.00027
10/7/2020	<0.00012	<0.00012	<0.00012	<0.00012		
10/8/2020						0.00038 (J)
10/9/2020					<0.00012	
3/29/2021	<0.00012	<0.00012	<0.00012	<0.00012 (D)		
3/31/2021					<0.00012	
4/1/2021						0.00022
9/2/2021	0.00015	<0.00012	<0.00012	<0.00012		
9/7/2021					<0.00012	0.00015

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00012	<0.00012	
3/3/2016	0.00015 (J)	<0.00012			0.00023 (J)
5/2/2016				<0.00012	
5/3/2016			<0.00012		
5/4/2016	0.00021 (J)	<0.00012			0.00026 (J)
7/5/2016			<0.00012	<0.00012	
7/6/2016	0.00022 (J)				0.00032 (J)
7/7/2016		<0.00012			
9/6/2016			<0.00012	<0.00012	
9/7/2016	0.0001 (J)	<0.00012			0.00036 (J)
11/7/2016		<0.00012	<0.00012	<0.00012	
11/8/2016	0.00014 (J)				0.00032 (J)
1/9/2017			<0.00012	<0.00012	
1/10/2017	0.00018 (J)	<0.00012			0.00033 (J)
3/13/2017			<0.00012	<0.00012	
3/15/2017	<0.00012	<0.00012			
3/16/2017					0.00029 (J)
5/15/2017			<0.00012	<0.00012	
5/16/2017	9.5E-05 (J)	<0.00012			0.00027 (J)
3/12/2018			<0.00012	<0.00012	
3/13/2018	0.00017 (J)	<0.00012			0.00028 (J)
6/6/2018			<0.00012	<0.00012	
6/7/2018	0.00017 (J)	<0.00012			0.00026 (J)
10/17/2018	0.00011 (J)	<0.00012	<0.00012	<0.00012	0.00022 (J)
2/27/2019			<0.00012	<0.00012	0.00022 (J)
2/28/2019	0.00016 (J)	<0.00012			
5/31/2019	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
11/6/2019			<0.00012	<0.00012	
11/11/2019	0.00029 (J)	<0.00012			0.00023 (J)
4/16/2020			<0.00012	<0.00012	
4/18/2020	0.00026	<0.00012			0.00016
10/7/2020			<0.00012	<0.00012	
10/8/2020					0.00031 (J)
10/9/2020	0.00015 (J)	<0.00012			
3/29/2021			<0.00012	<0.00012	
4/1/2021	<0.00012	<0.00012			0.00019
9/2/2021			<0.00012	<0.00012	
9/7/2021	0.00015	<0.00012			0.00016

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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
10/7/2020	30	24	20	26		
10/8/2020						850
10/9/2020					52	
3/29/2021	38	26	12	28		
3/31/2021					48	
4/1/2021						600
9/2/2021	40	8	10	8		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					54	360

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 7:37 AM View: 300 Series General

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

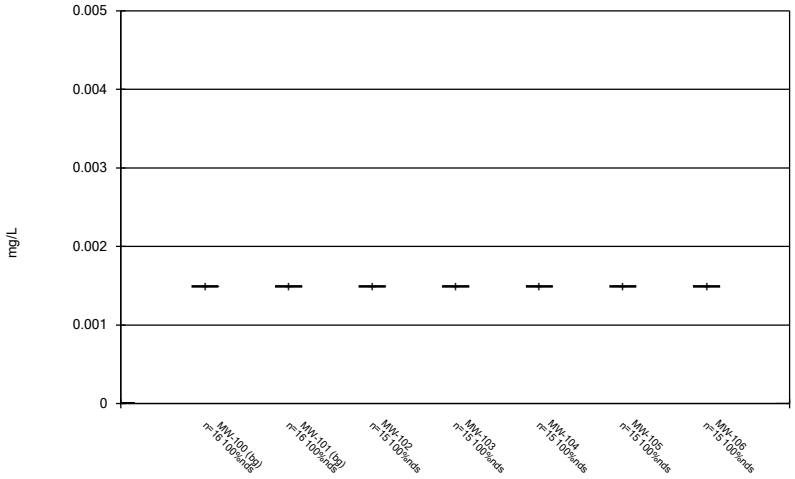
	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			10	<5	
3/3/2016	1100	18			490
5/2/2016				36	
5/3/2016			<5		
5/4/2016	1200	38			690
7/5/2016			<5	<5	
7/6/2016	870				500
7/7/2016		<5			
9/6/2016			36	44	
9/7/2016	650	14			590
11/7/2016		32	<5	30	
11/8/2016	1100				530
1/9/2017			<5	12	
1/10/2017	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
10/7/2020			16	12	
10/8/2020					380
10/9/2020	580	42			
3/29/2021			42	40	
4/1/2021	1200	52			560
9/2/2021			10	<5	
9/7/2021	1000	24			450

Box Plots - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.32 . UG

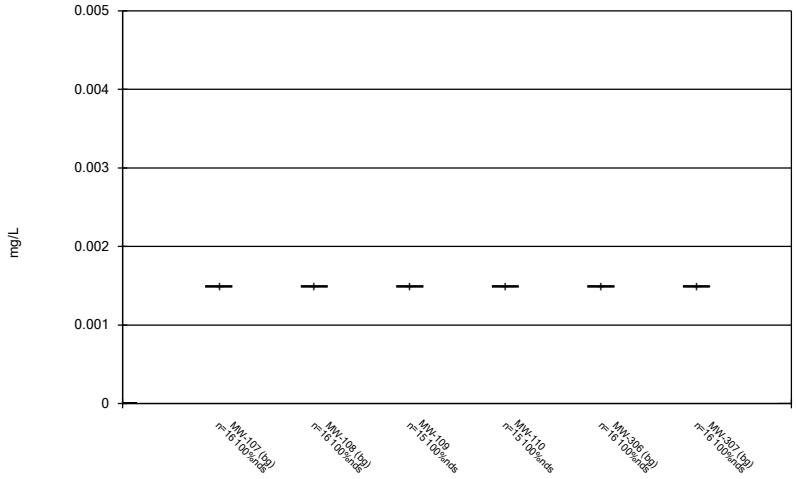
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

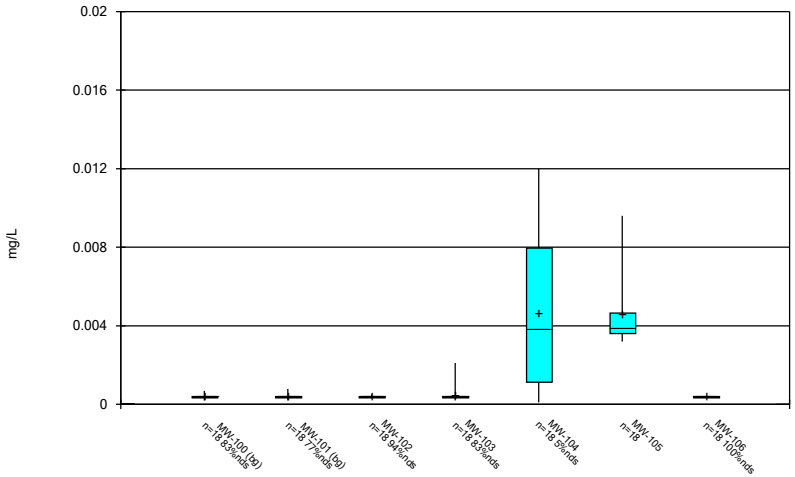
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

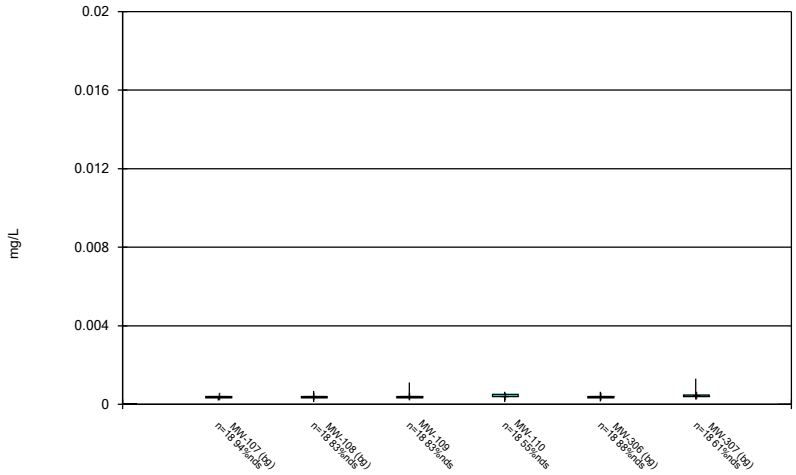
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

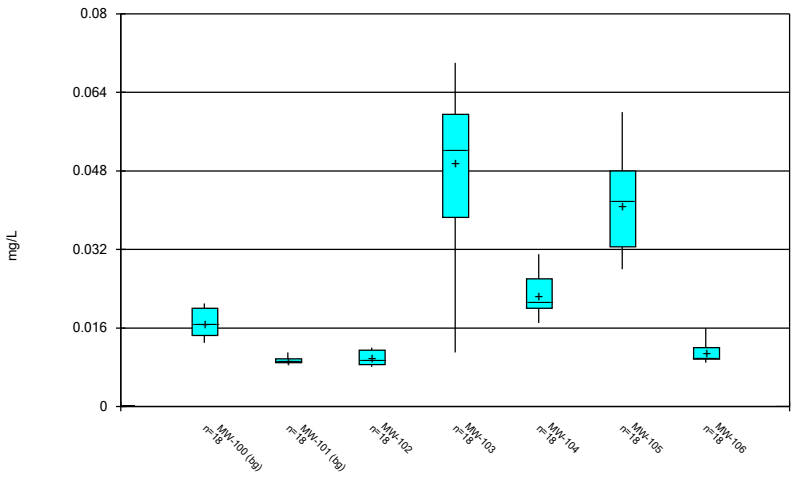
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

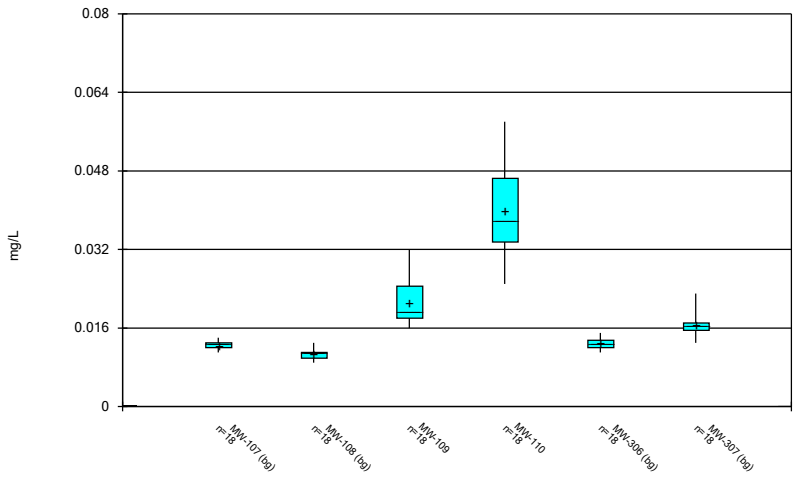
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

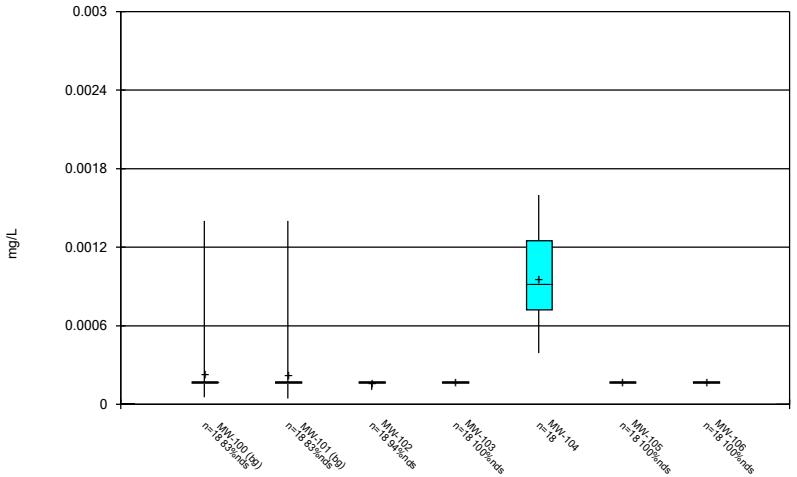
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

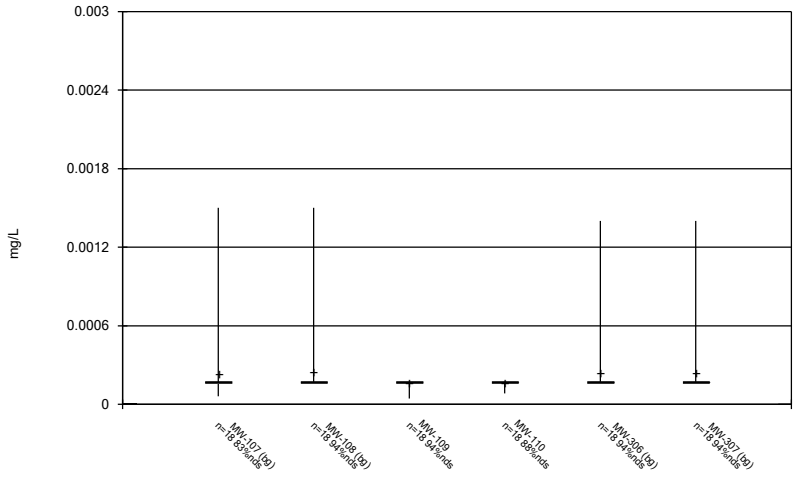
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

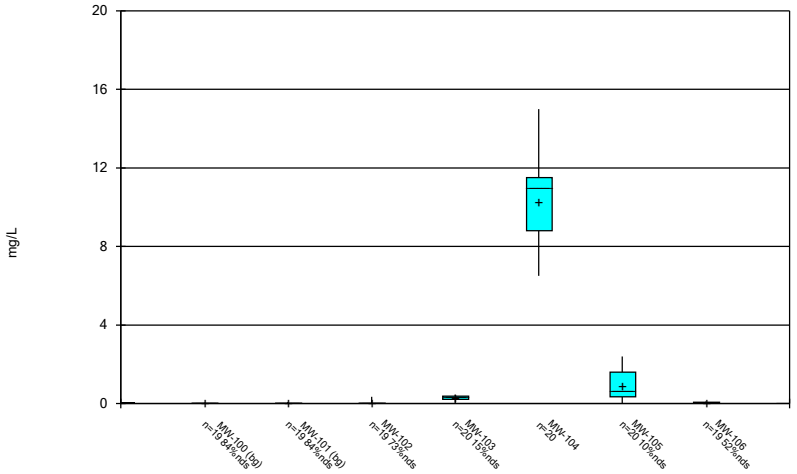
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

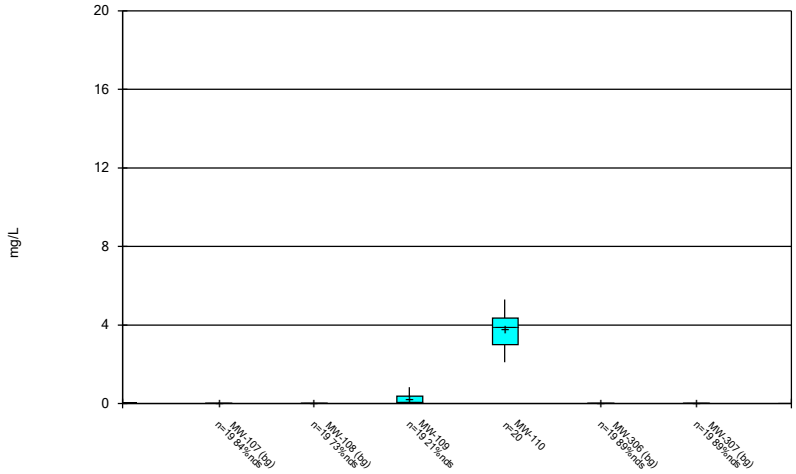
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

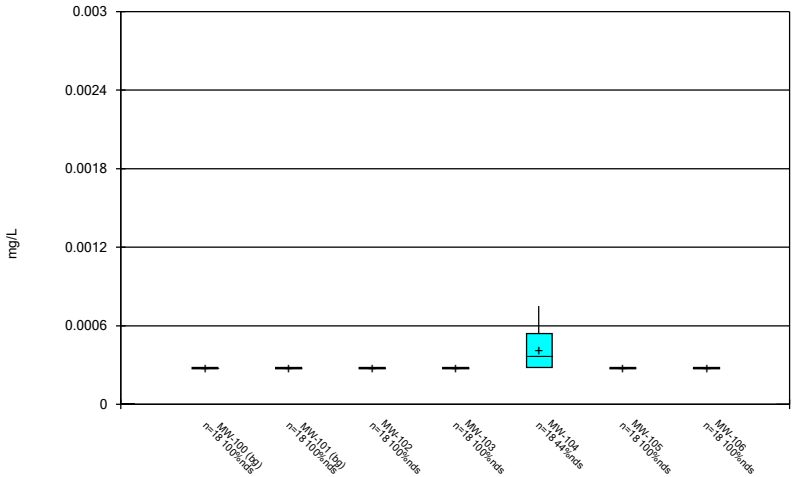
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

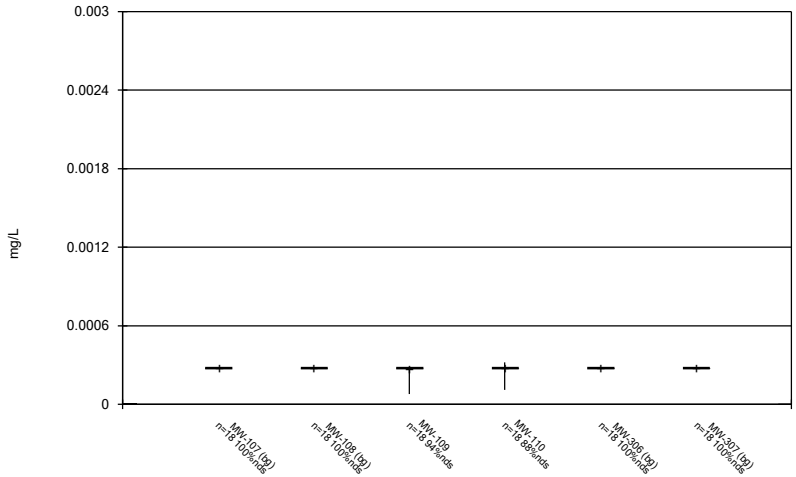
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

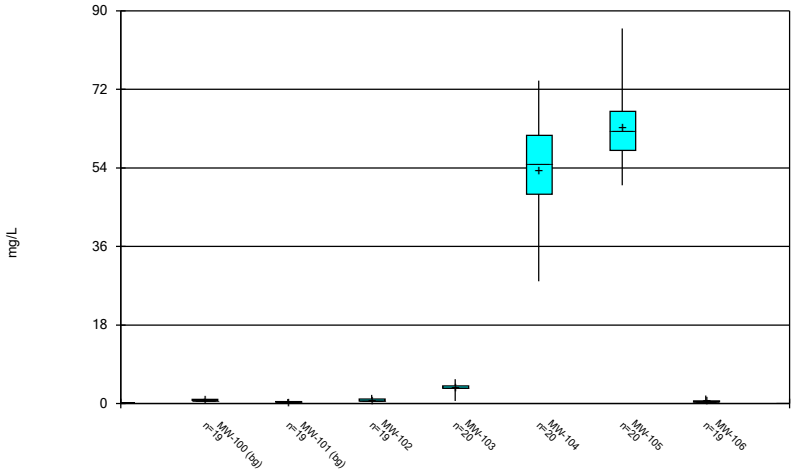
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

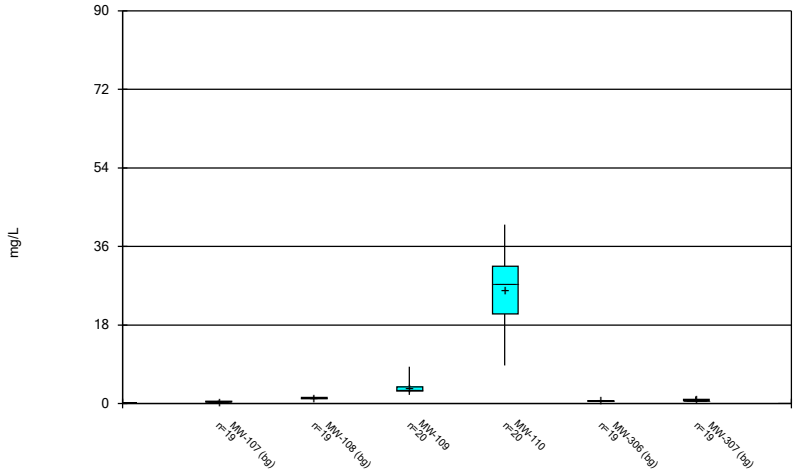
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

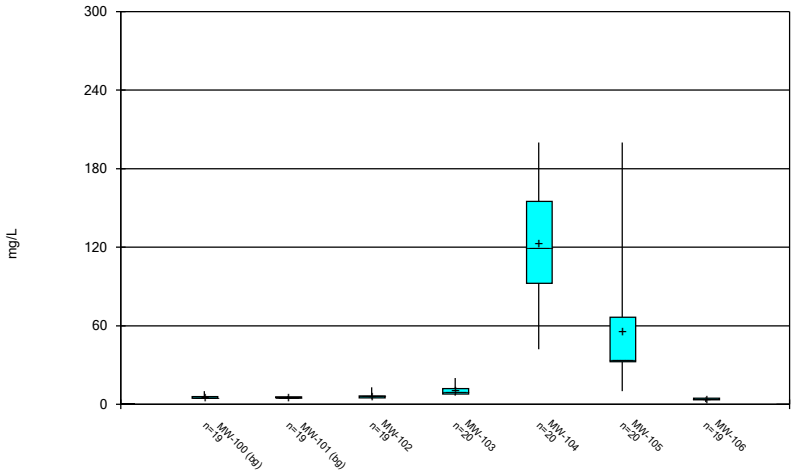
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

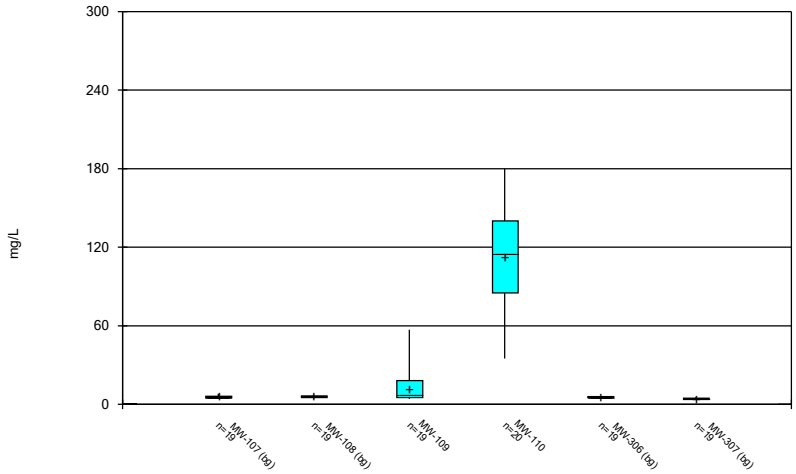
Box & Whiskers Plot



Constituent: Chloride Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

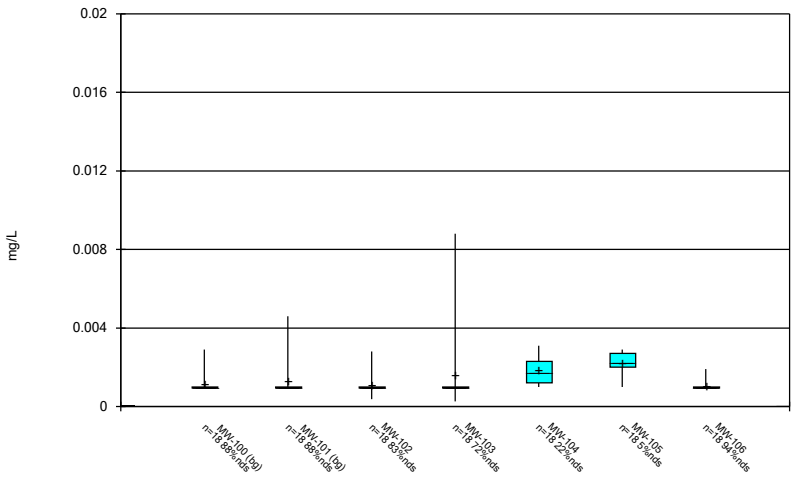
Box & Whiskers Plot



Constituent: Chloride Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

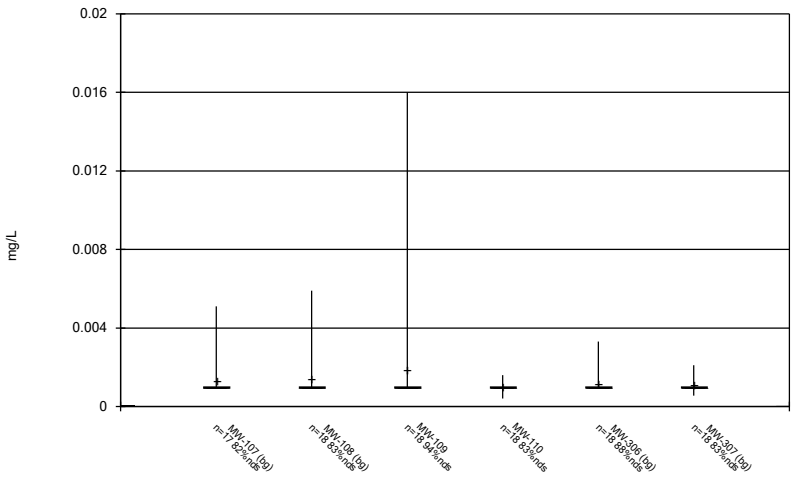
Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

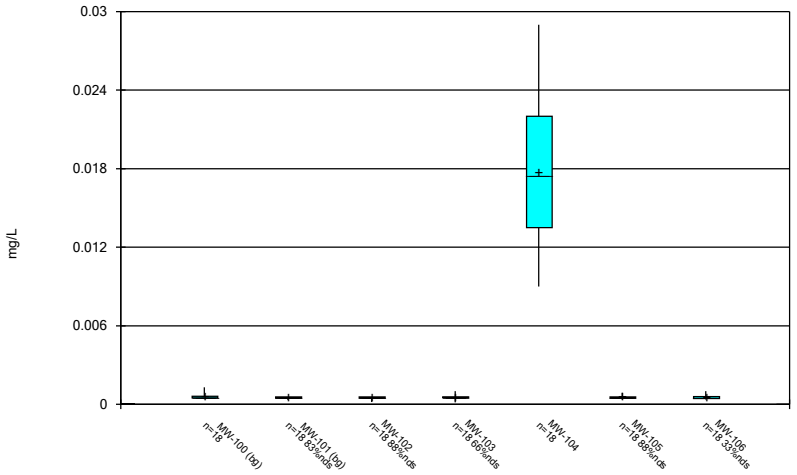
Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

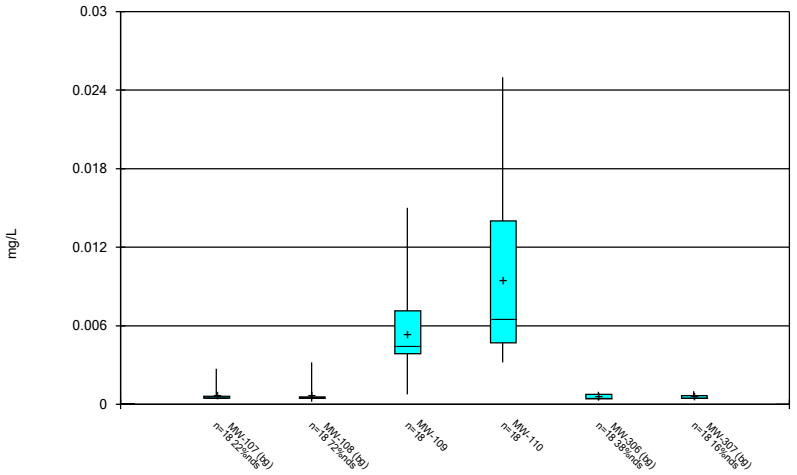
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

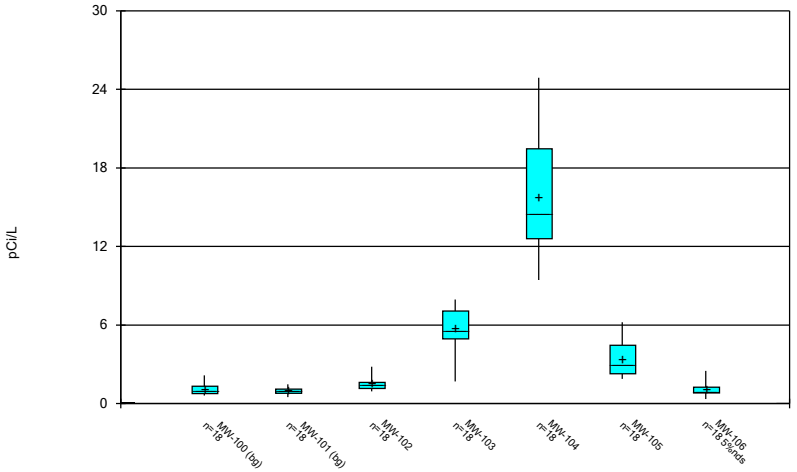
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

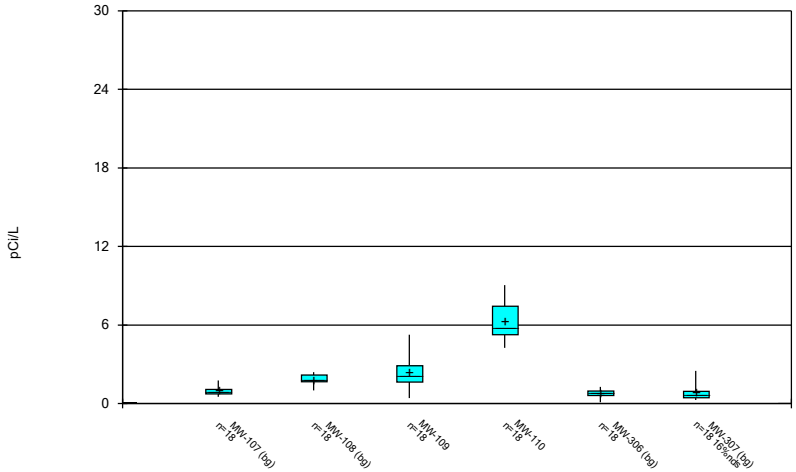
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

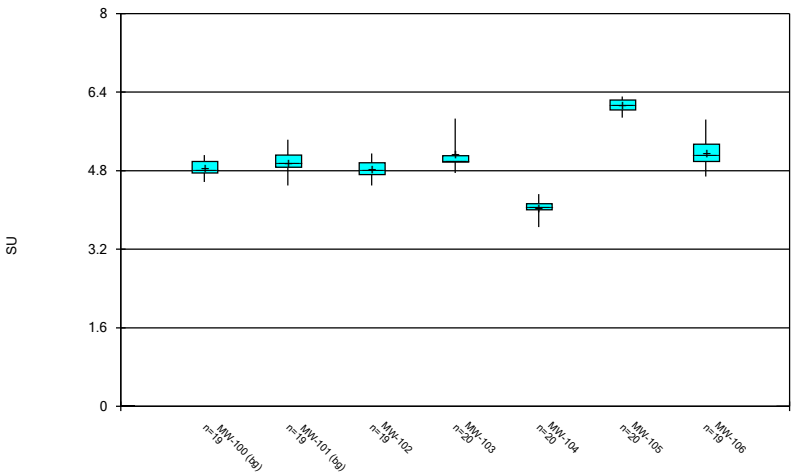
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

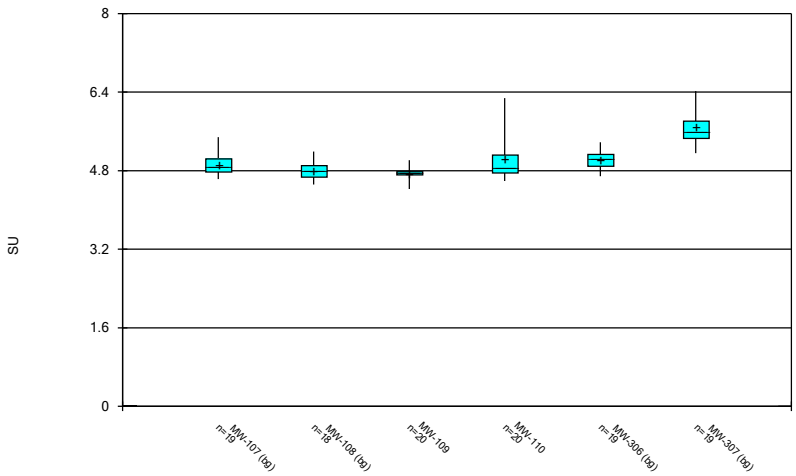
Box & Whiskers Plot



Constituent: Field pH Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

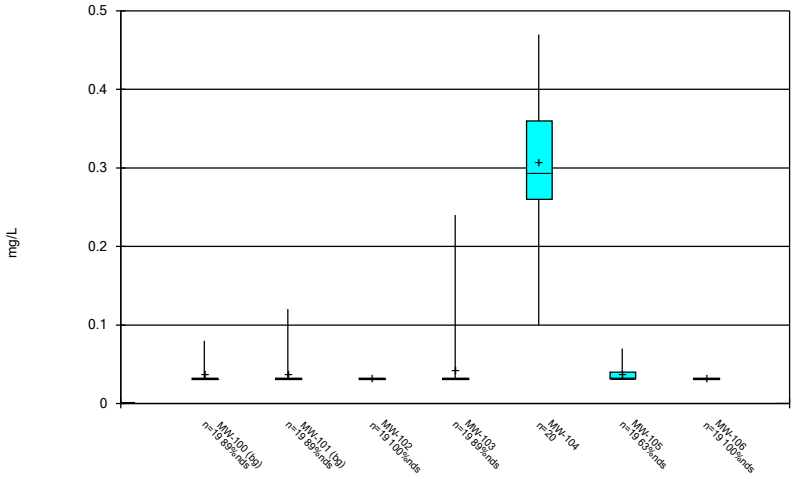
Box & Whiskers Plot



Constituent: Field pH Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

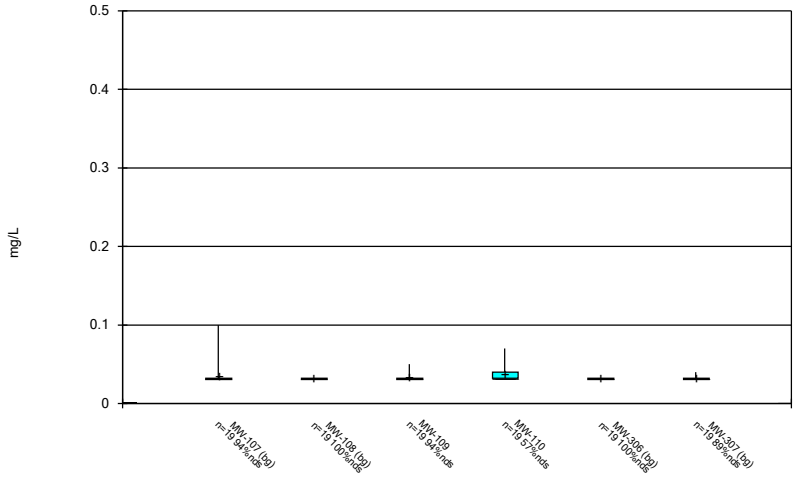
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

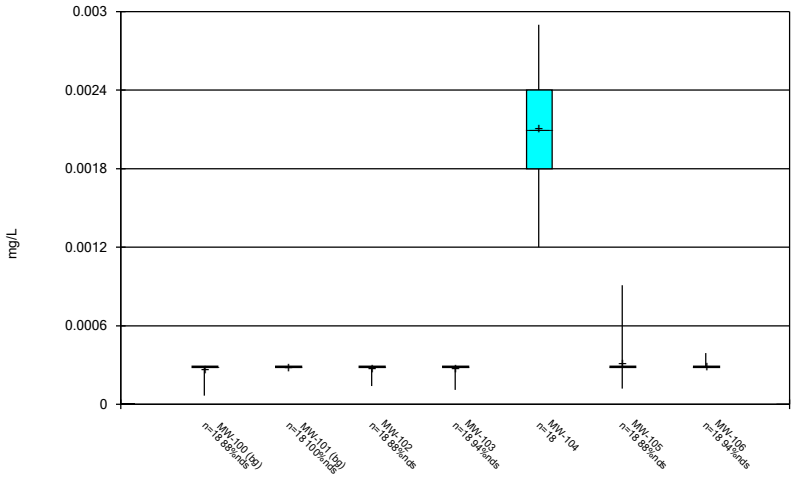
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

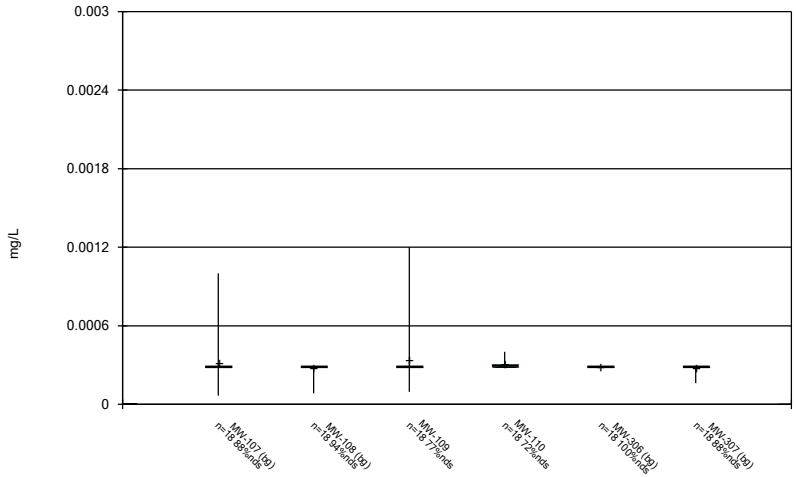
Box & Whiskers Plot



Constituent: Lead Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

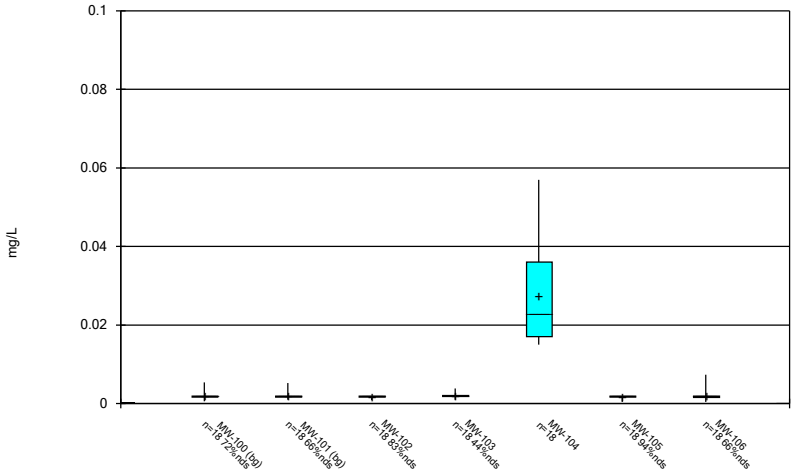
Box & Whiskers Plot



Constituent: Lead Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

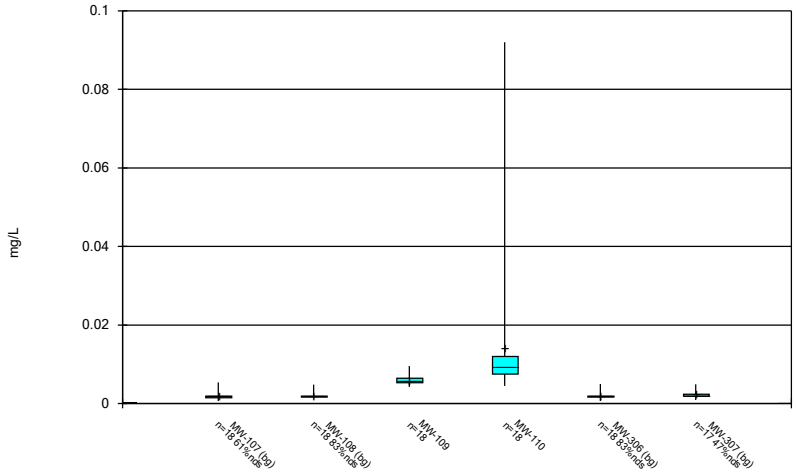
Box & Whiskers Plot



Constituent: Lithium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

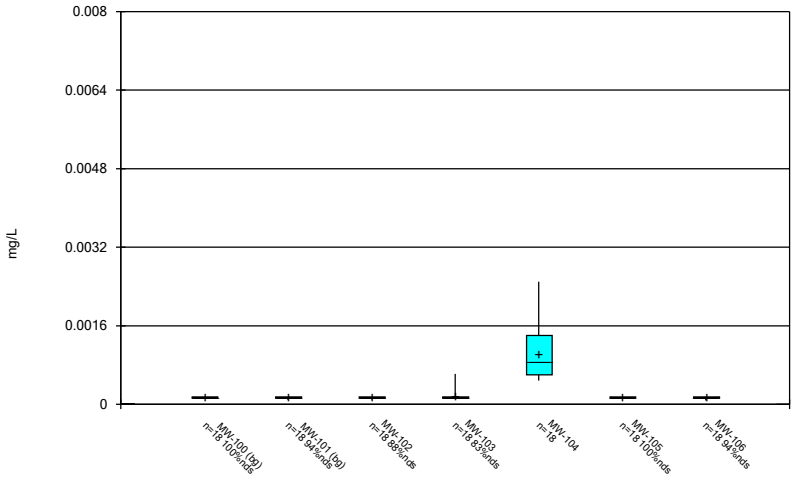
Box & Whiskers Plot



Constituent: Lithium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

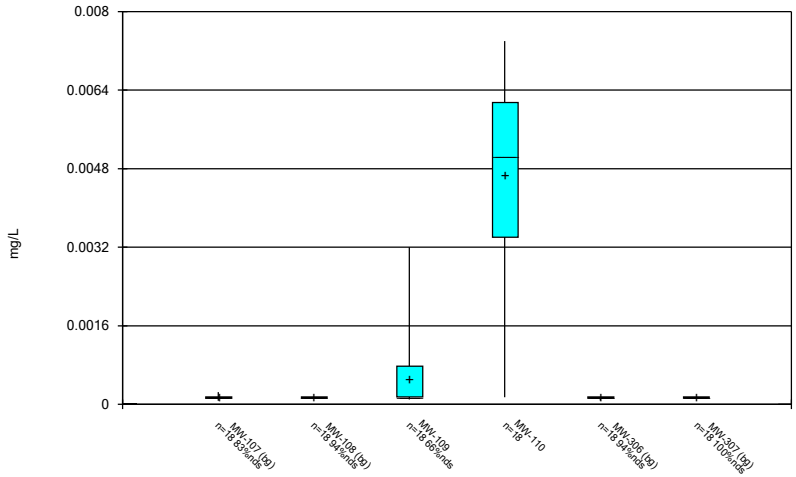
Box & Whiskers Plot



Constituent: Mercury Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

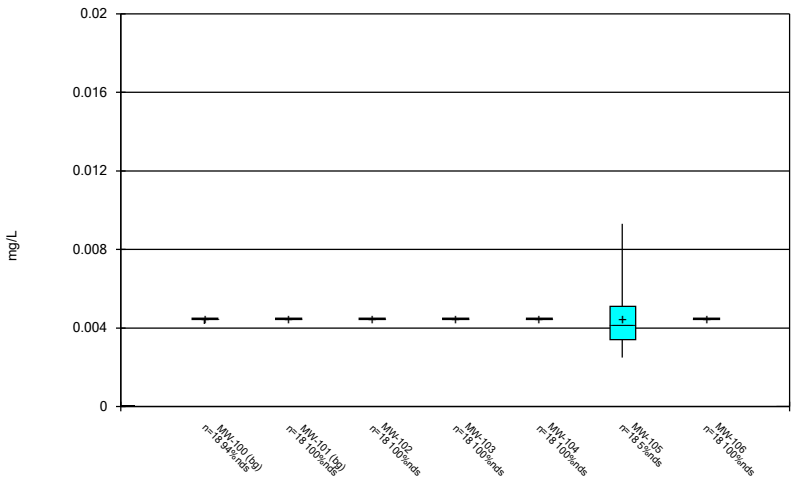
Box & Whiskers Plot



Constituent: Mercury Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

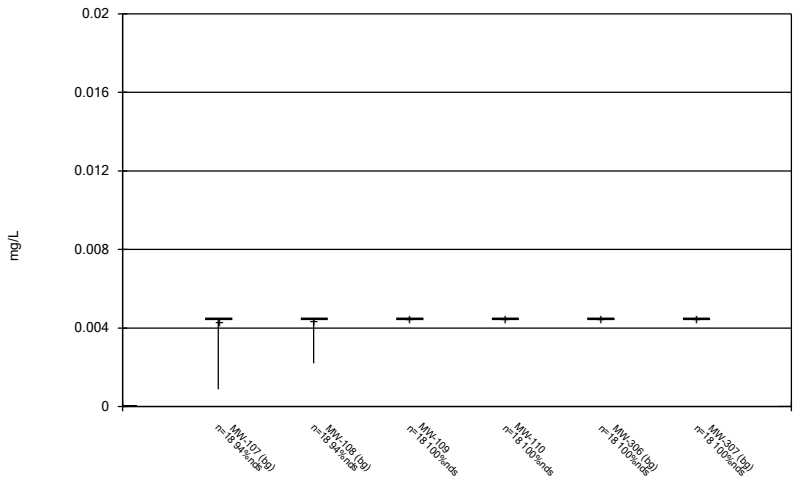
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

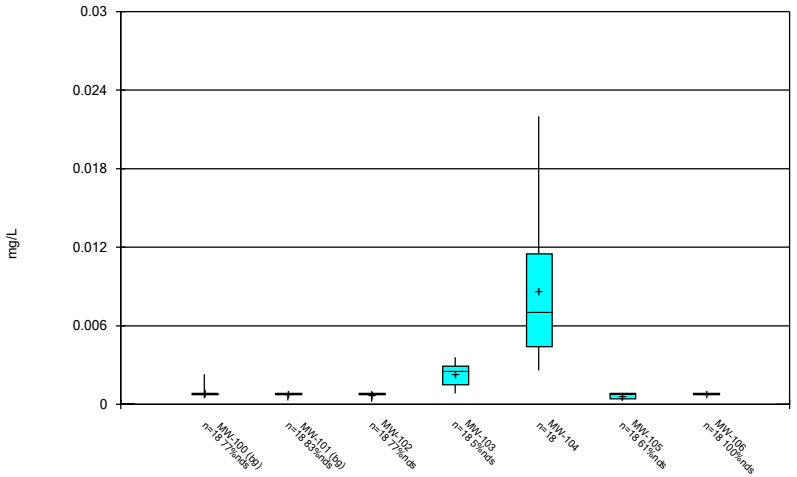
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

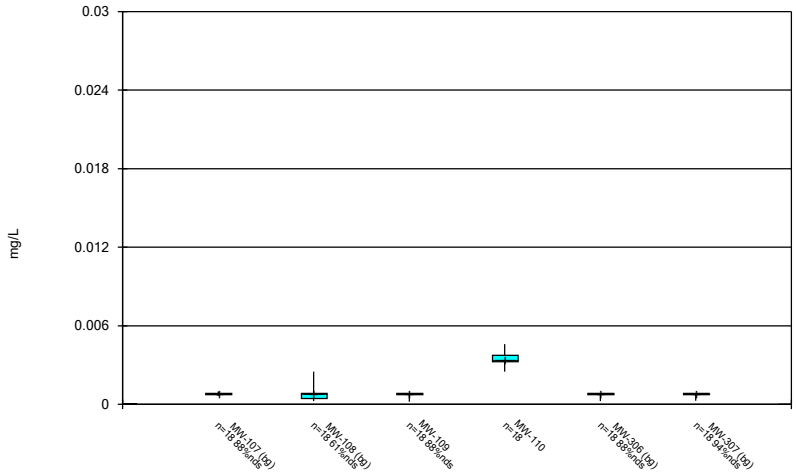
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

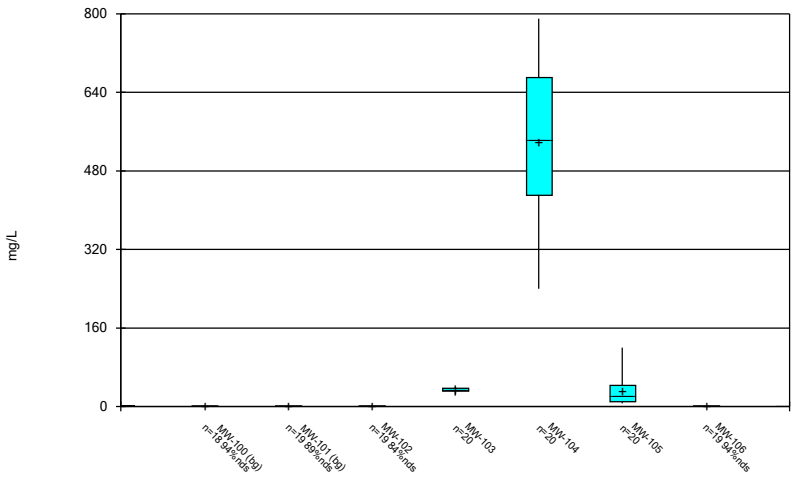
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

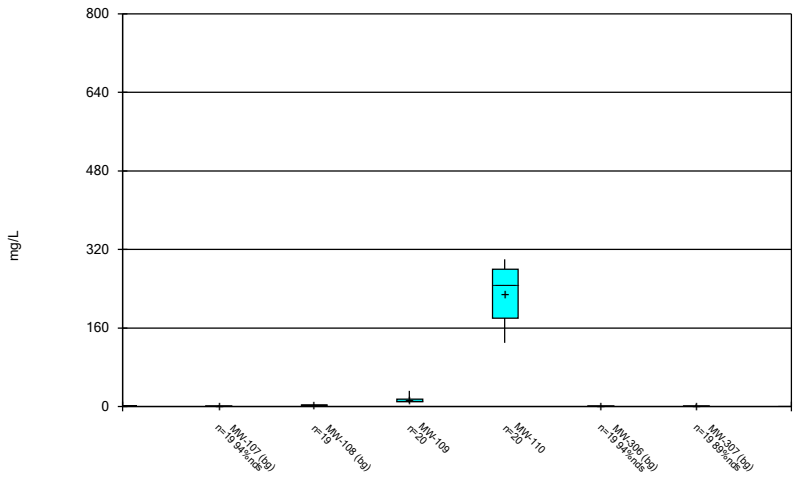
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

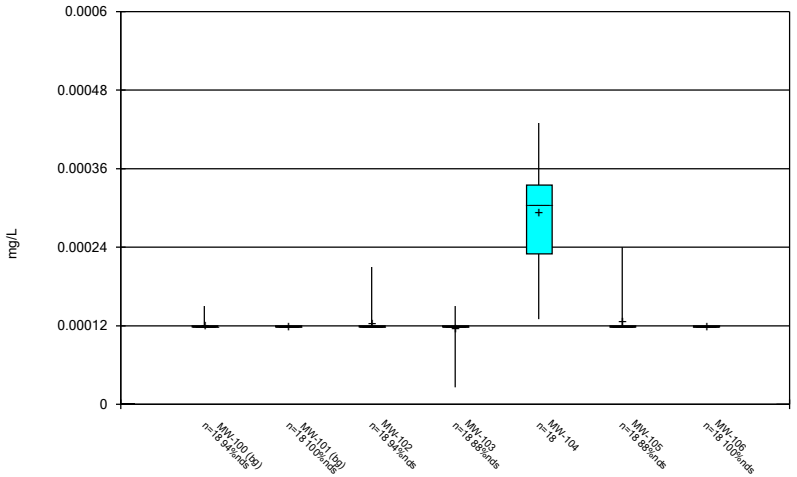
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

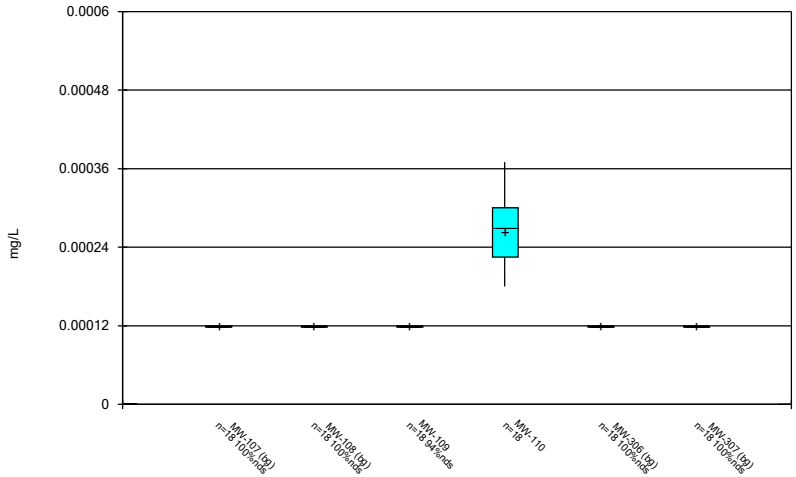
Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/15/2021 6:11 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

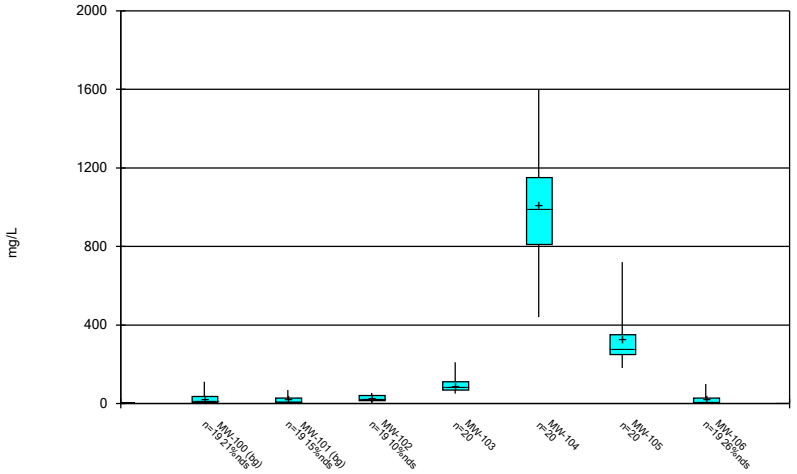
Sanitas™ v.9.6.32 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/15/2021 6:12 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

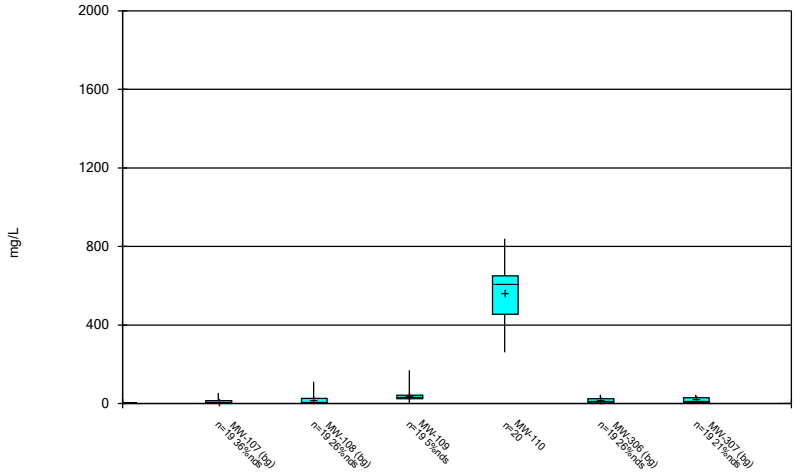
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:12 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Box & Whiskers Plot

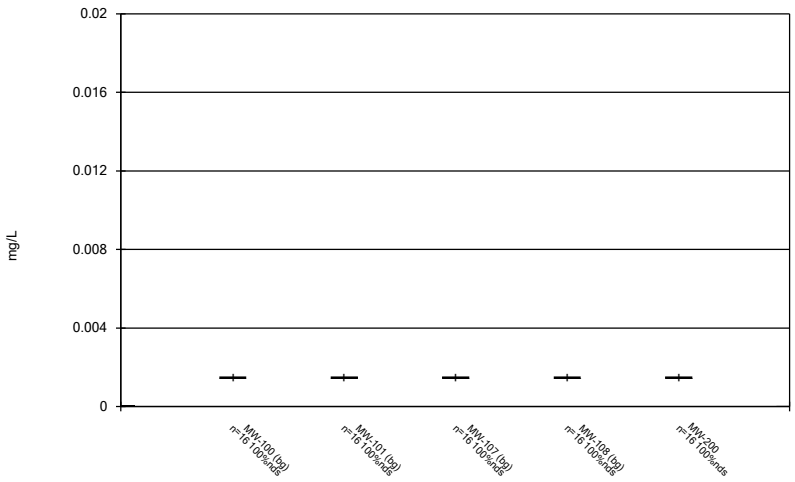


Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:12 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

200 Series

Sanitas™ v.9.6.32 . UG

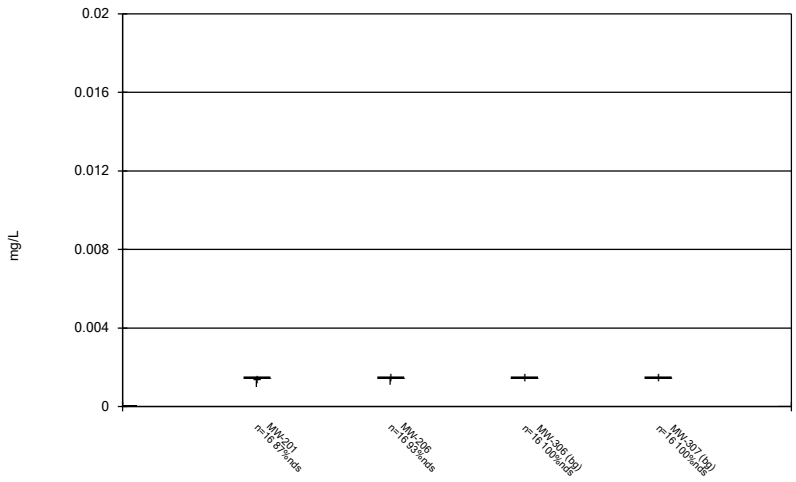
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

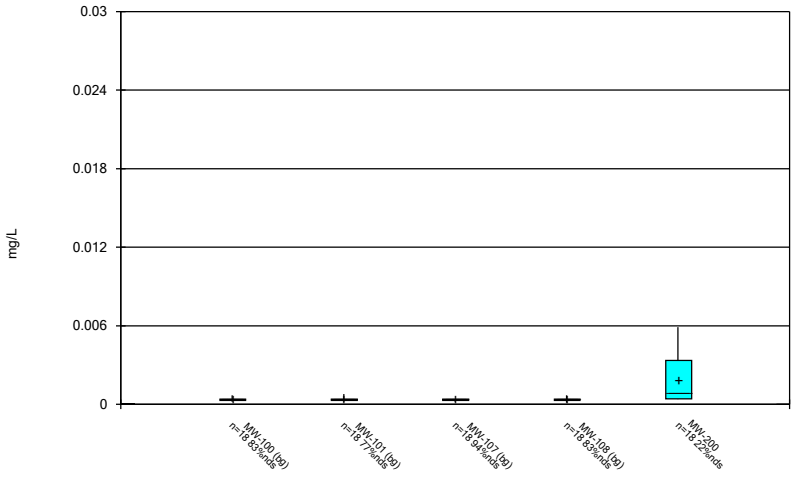
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

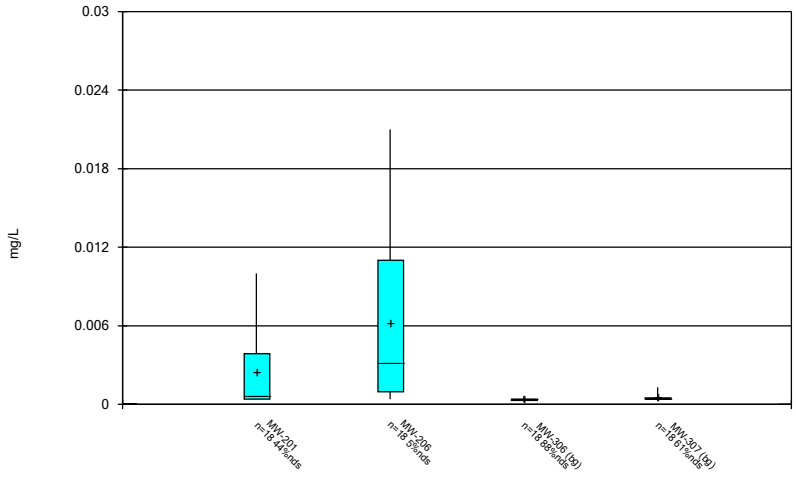
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

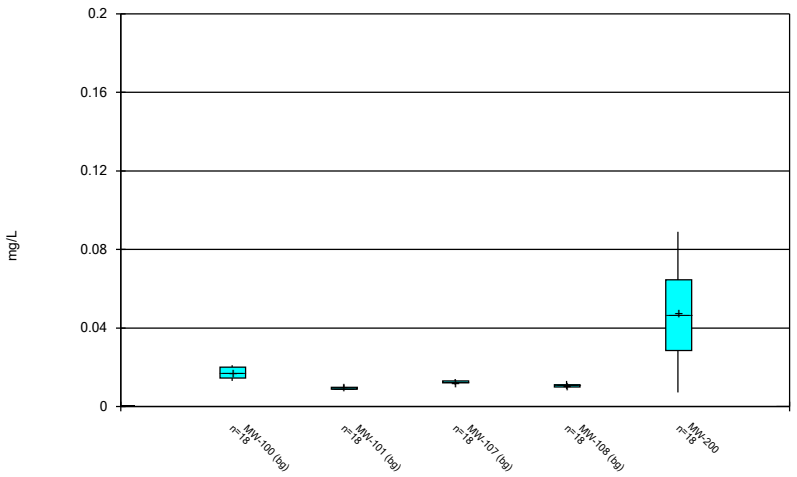
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

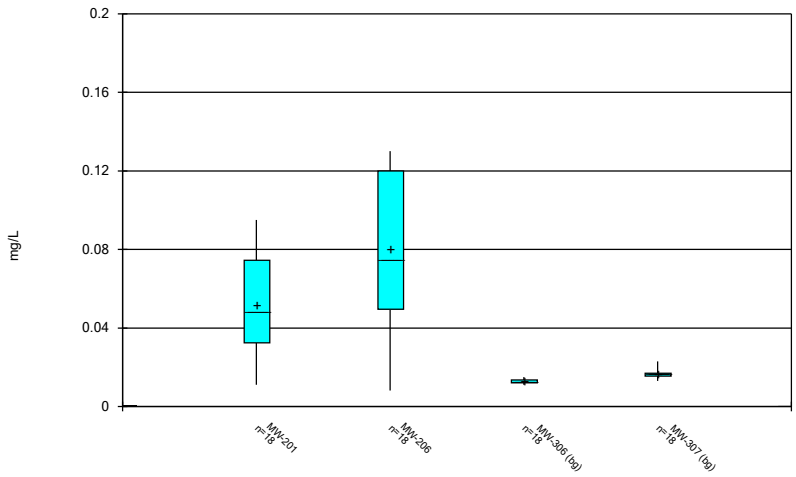
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

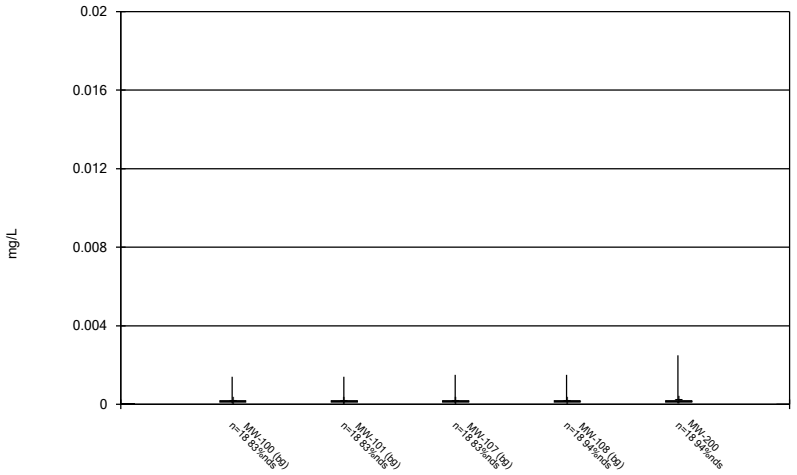
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

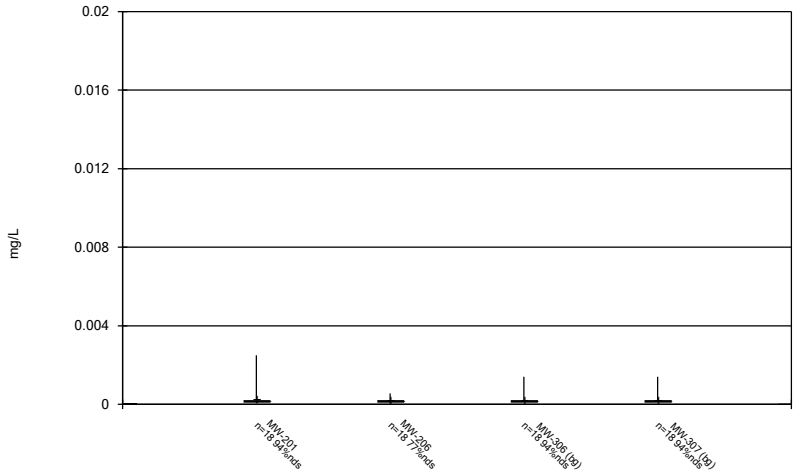
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

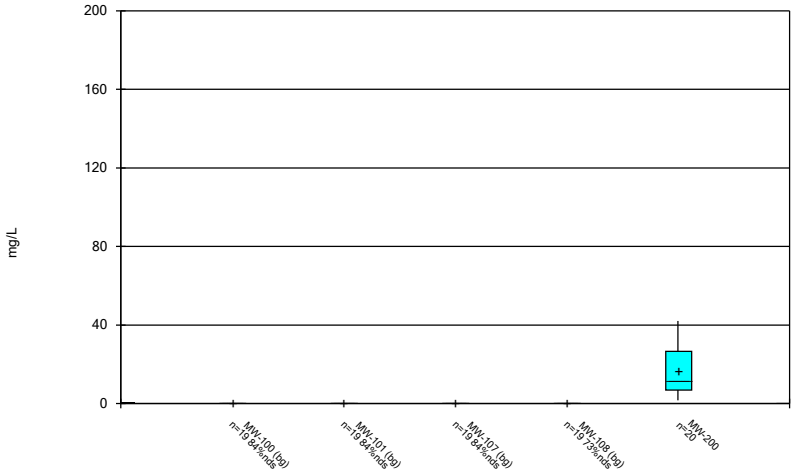
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

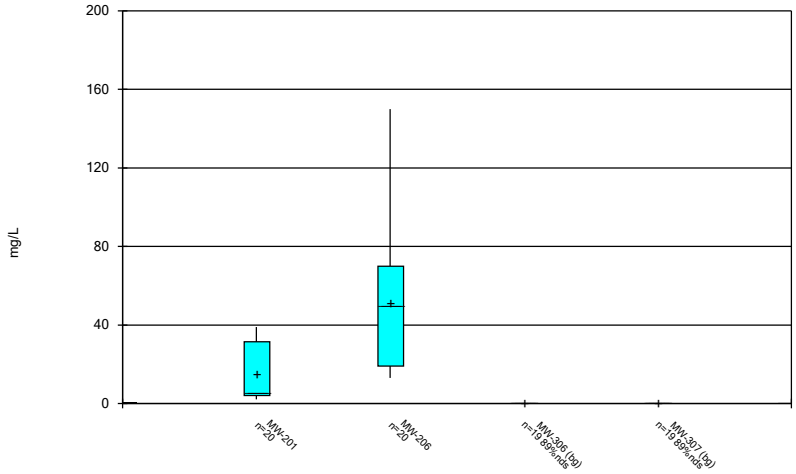
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

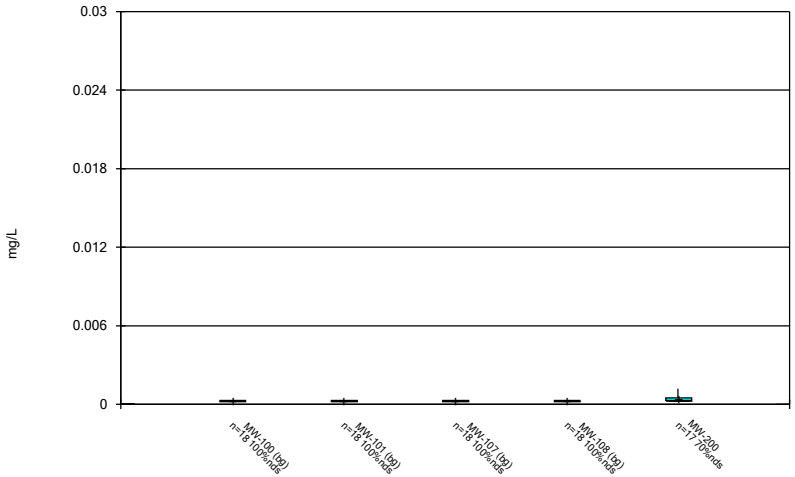
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

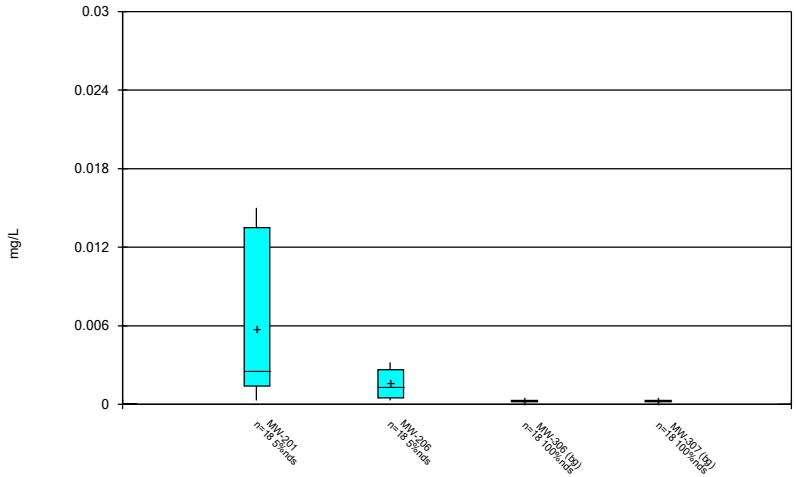
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

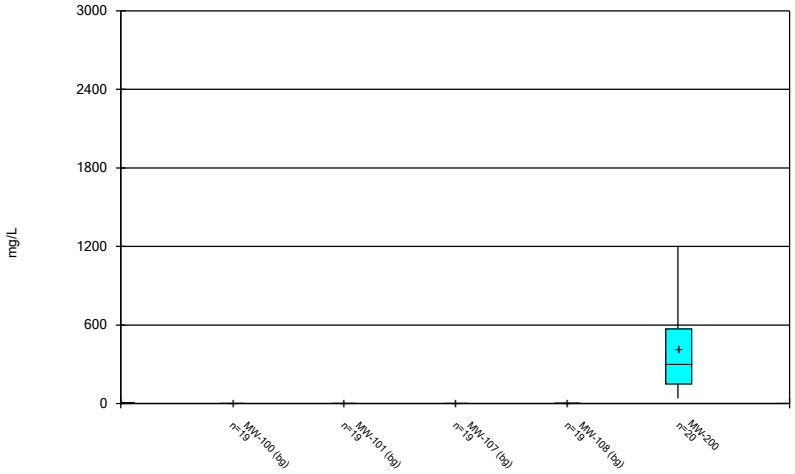
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

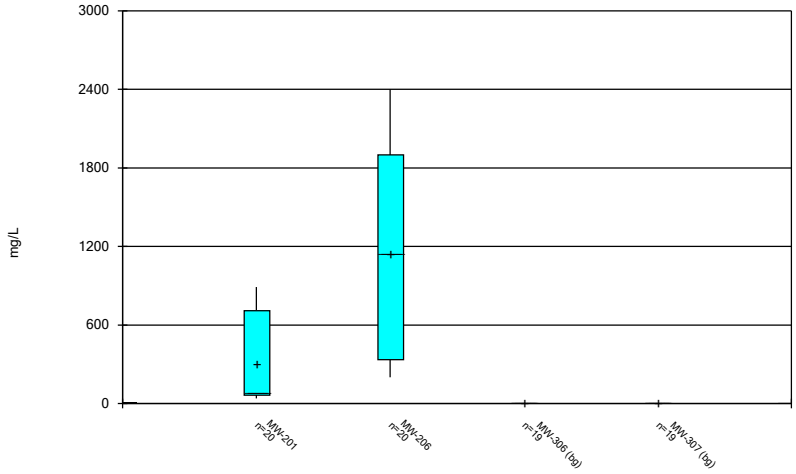
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

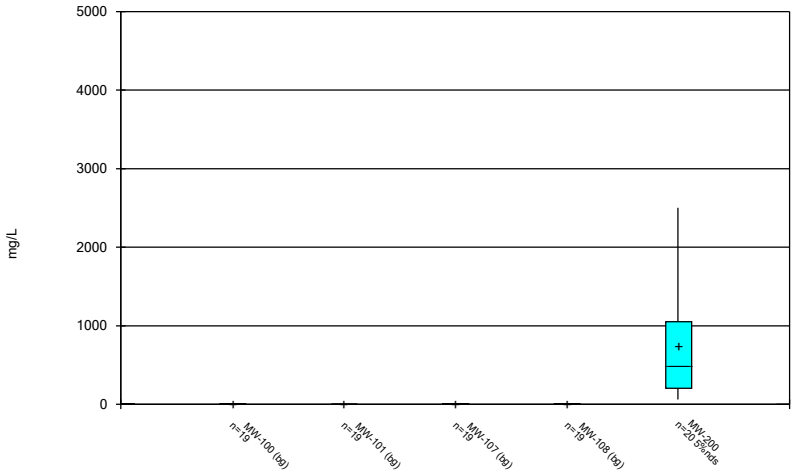
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

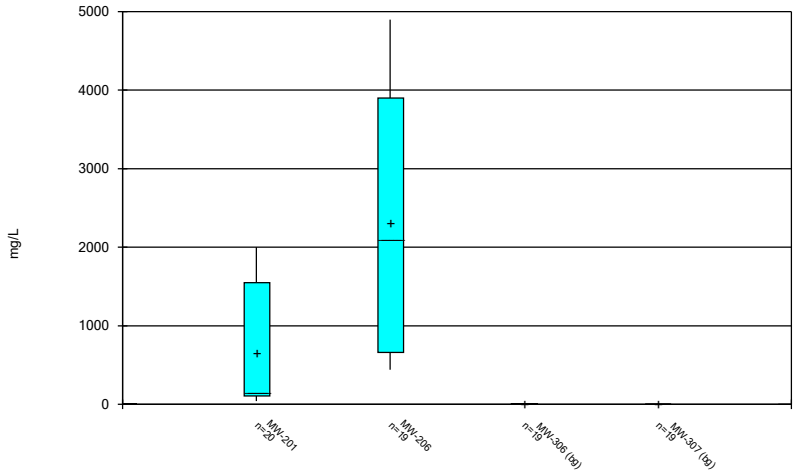
Box & Whiskers Plot



Constituent: Chloride Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

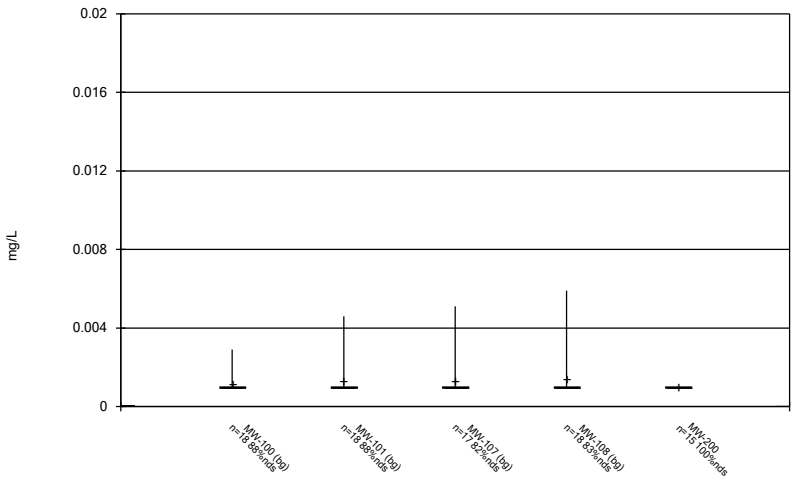
Box & Whiskers Plot



Constituent: Chloride Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

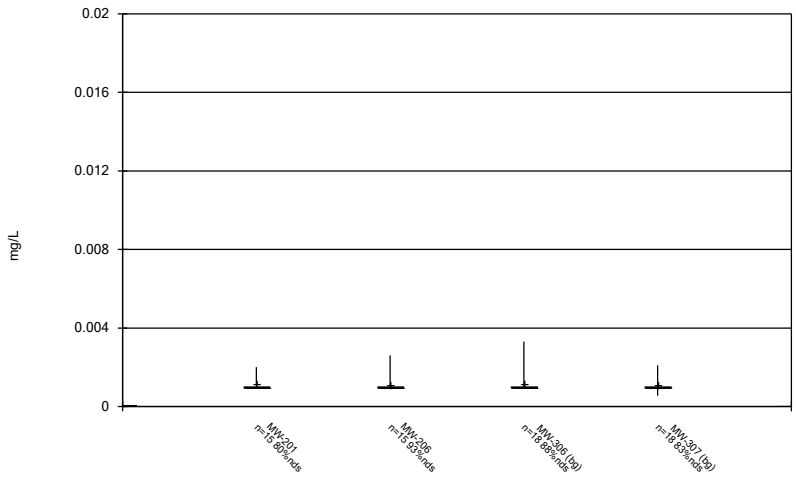
Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

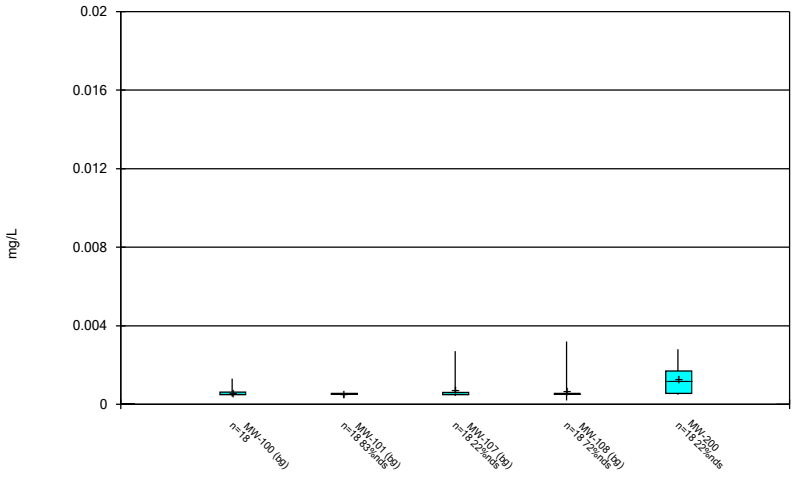
Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

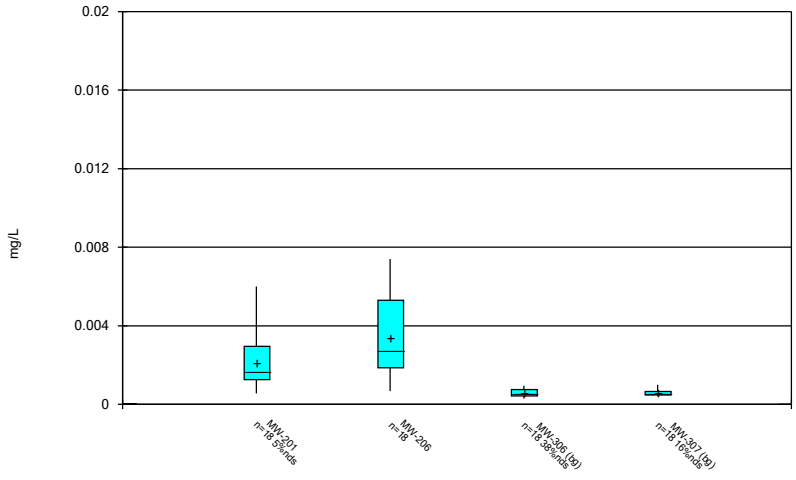
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

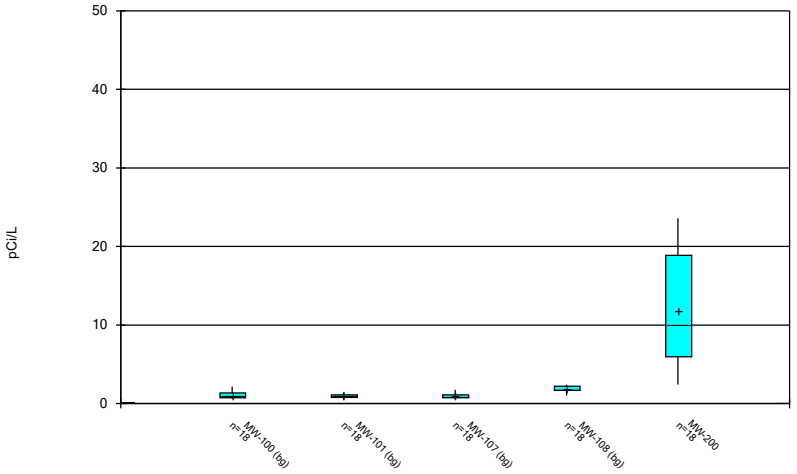
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

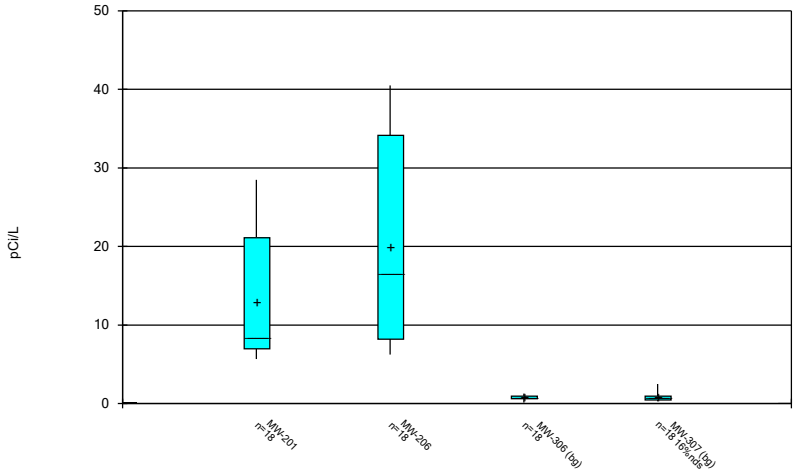
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

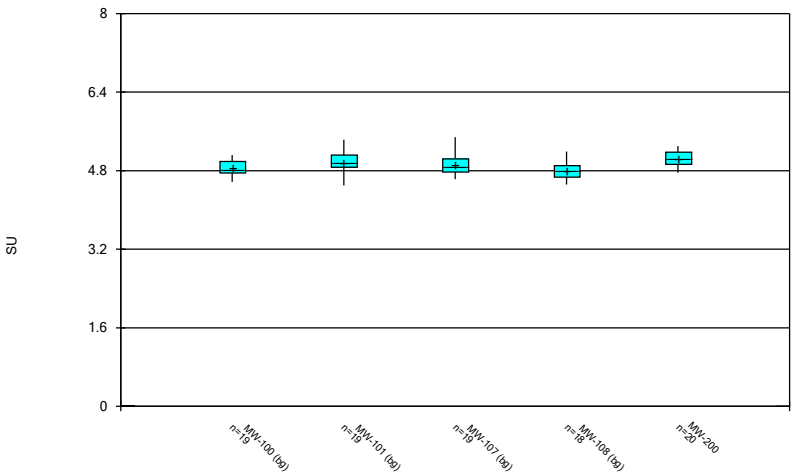
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

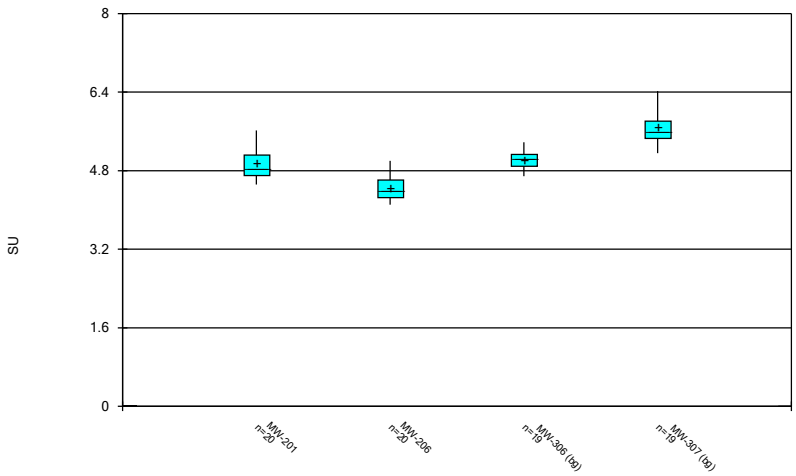
Box & Whiskers Plot



Constituent: Field pH Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

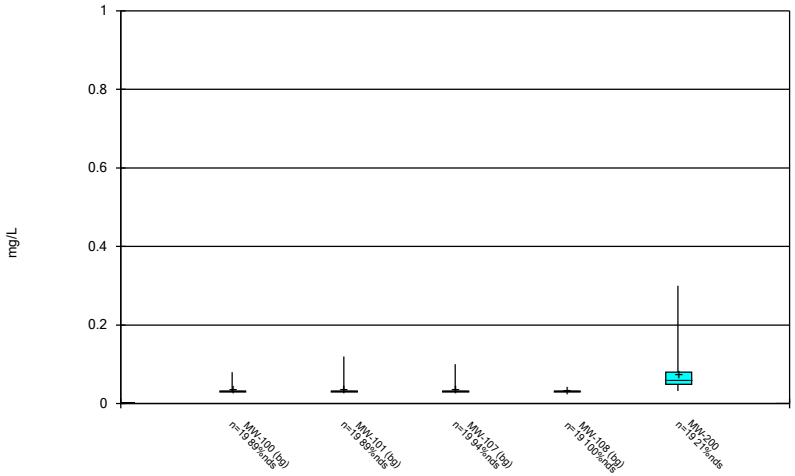
Box & Whiskers Plot



Constituent: Field pH Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

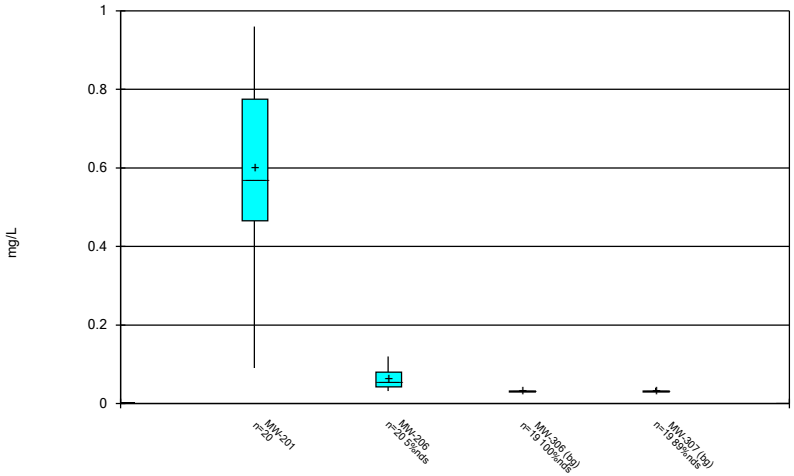
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

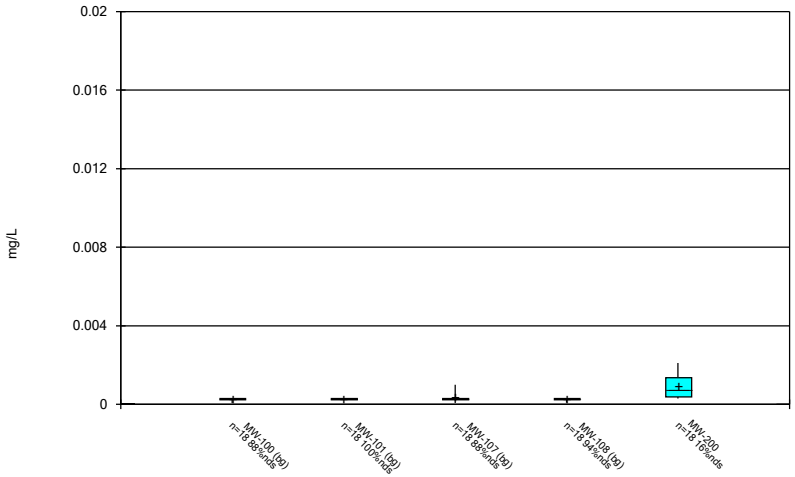
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/15/2021 7:10 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

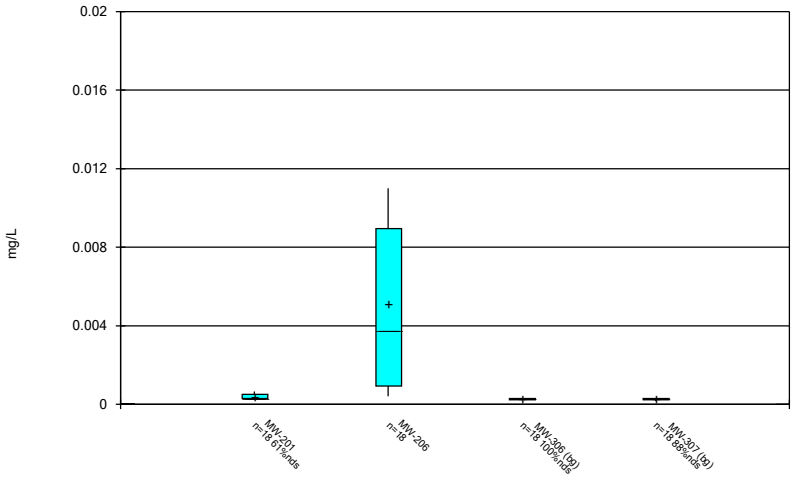
Box & Whiskers Plot



Constituent: Lead Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

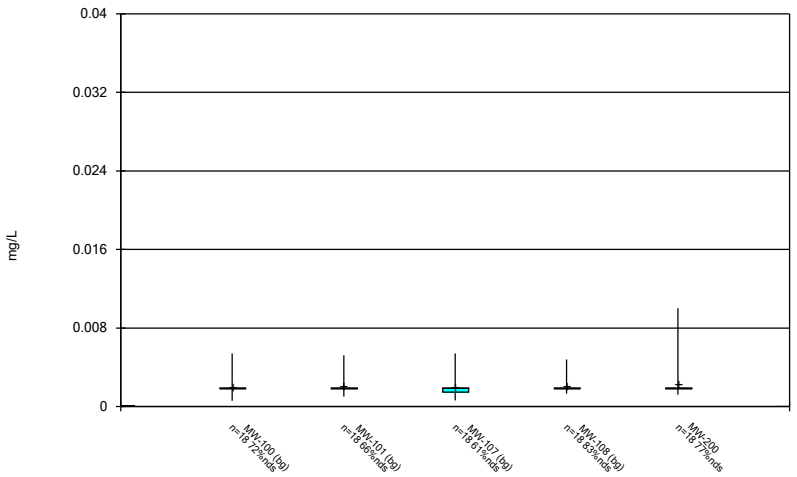
Box & Whiskers Plot



Constituent: Lead Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

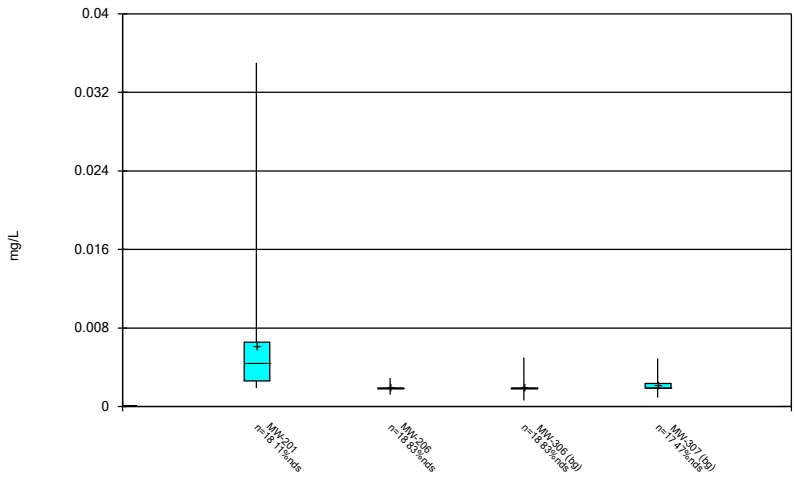
Box & Whiskers Plot



Constituent: Lithium Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

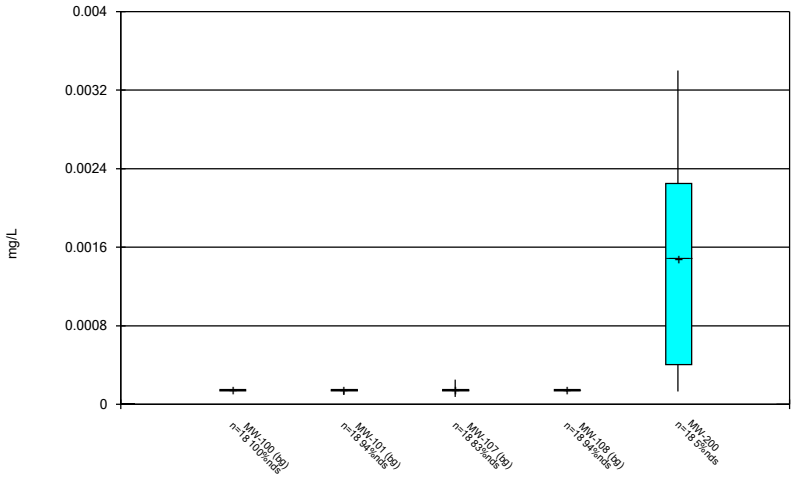
Box & Whiskers Plot



Constituent: Lithium Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

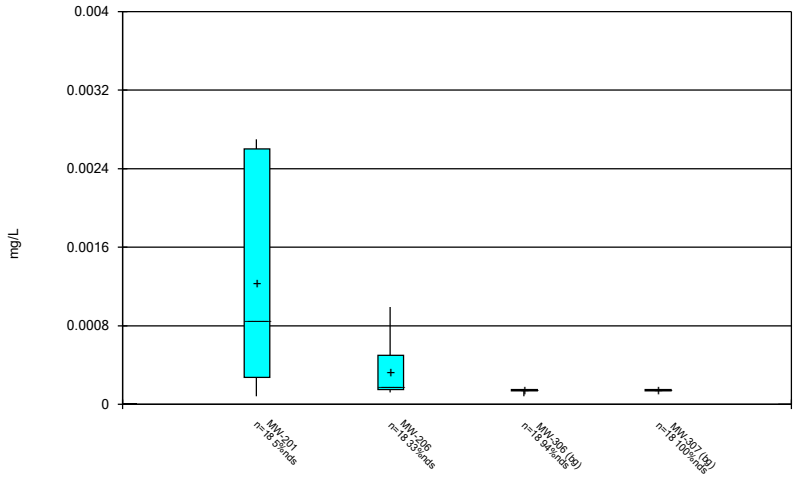
Box & Whiskers Plot



Constituent: Mercury Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

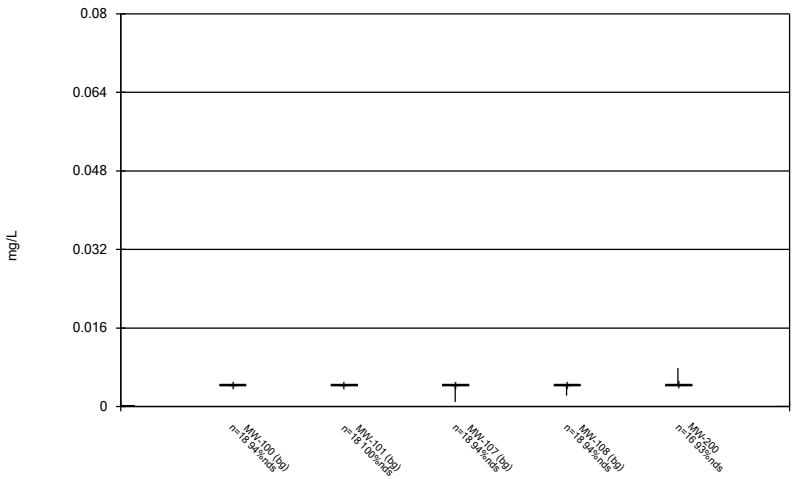
Box & Whiskers Plot



Constituent: Mercury Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

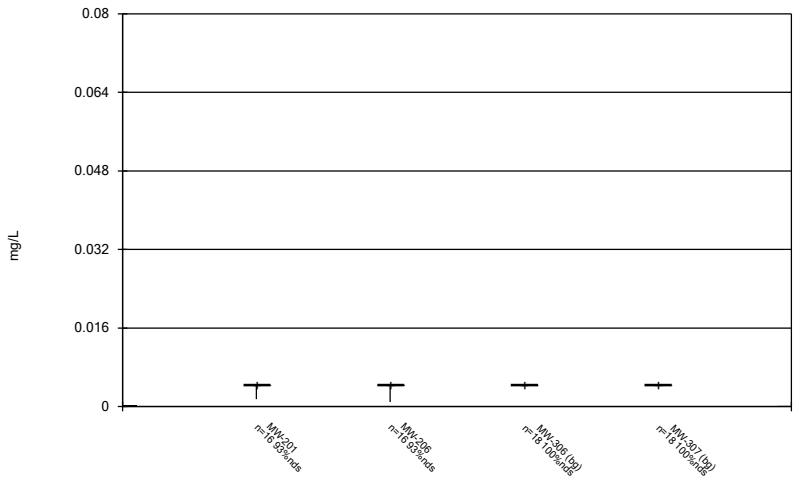
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

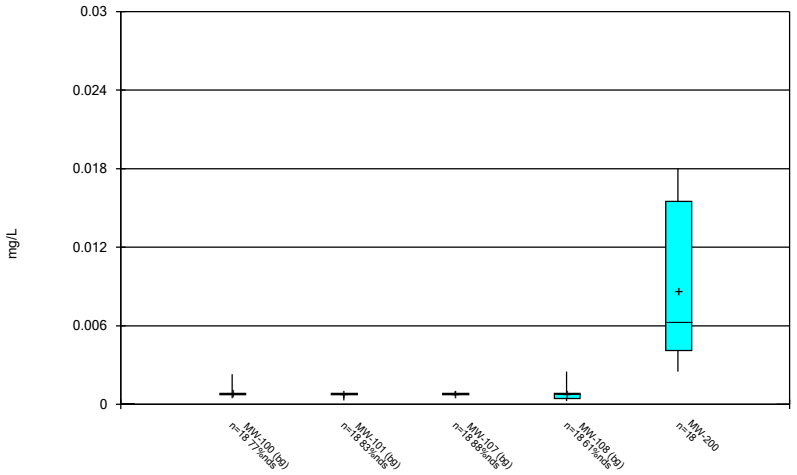
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

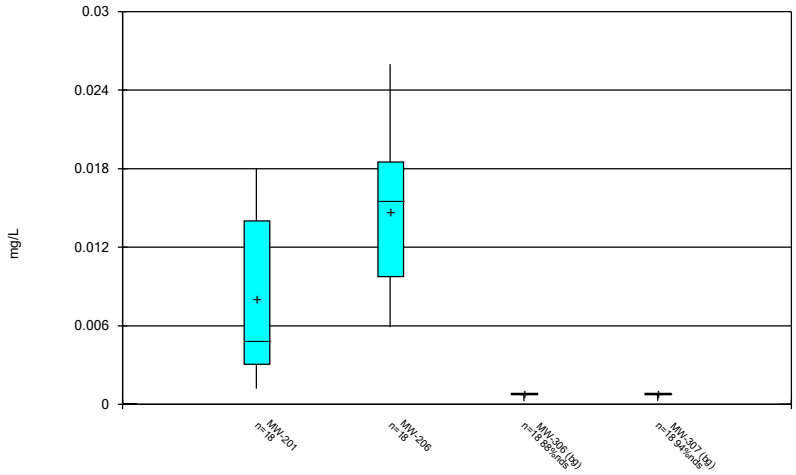
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

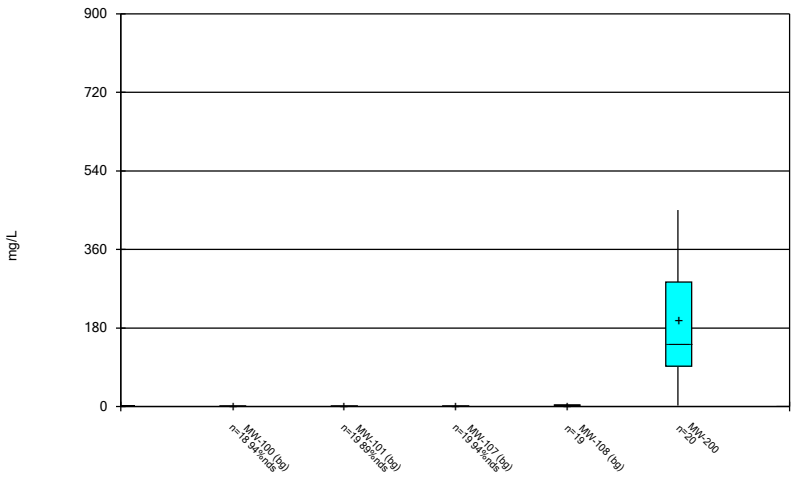
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

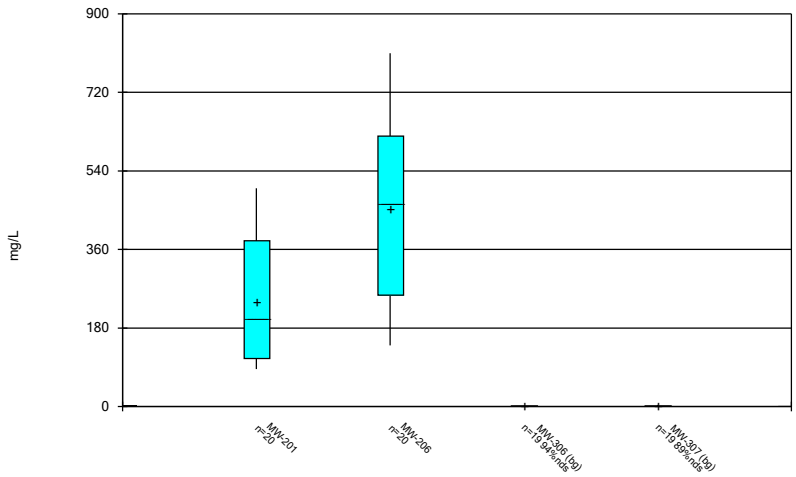
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

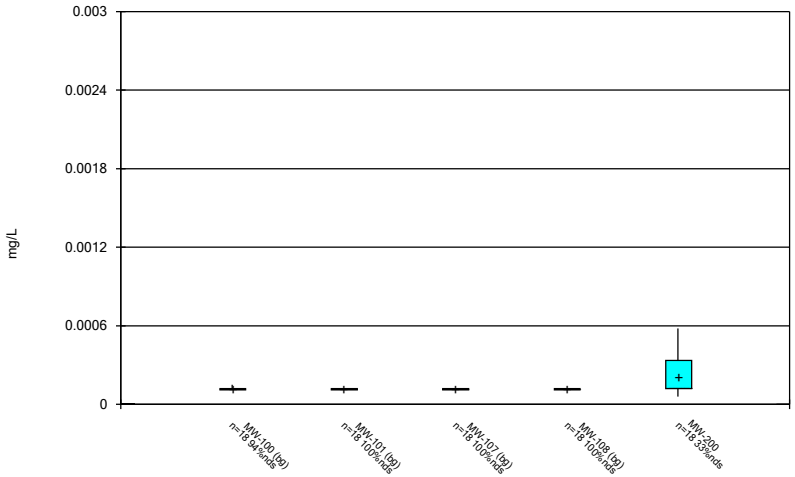
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

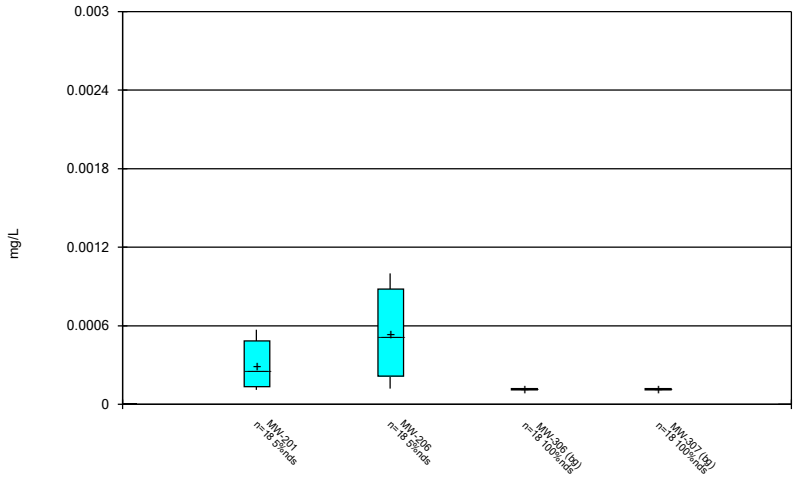
Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

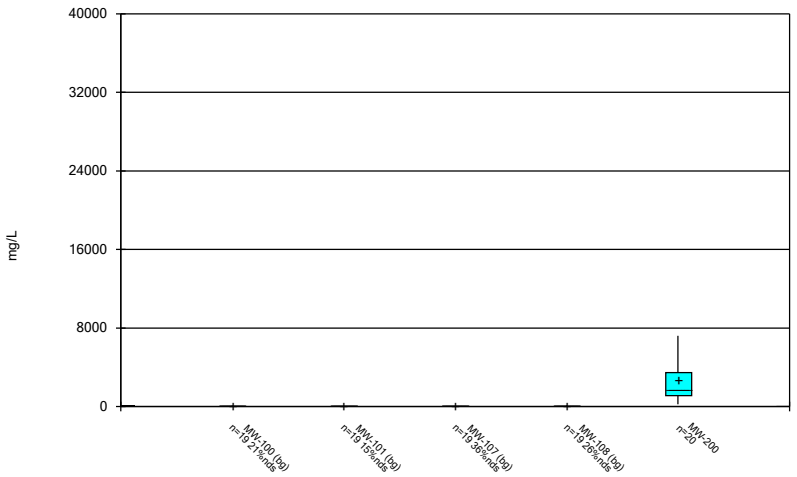
Sanitas™ v.9.6.32 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

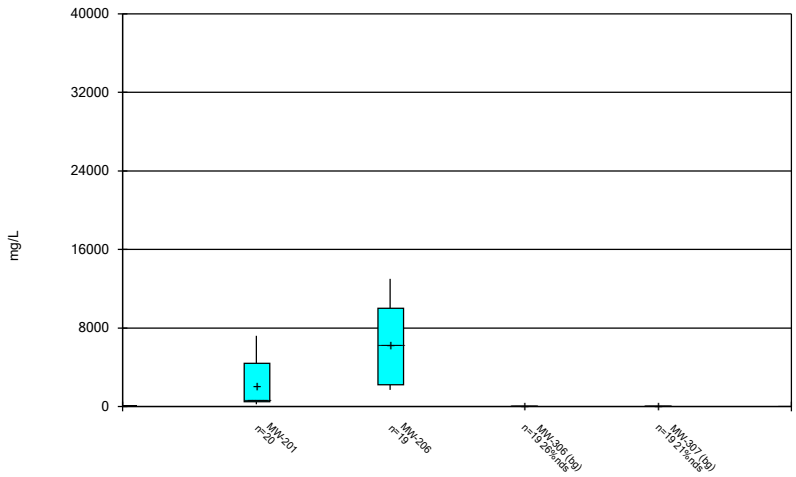
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Box & Whiskers Plot

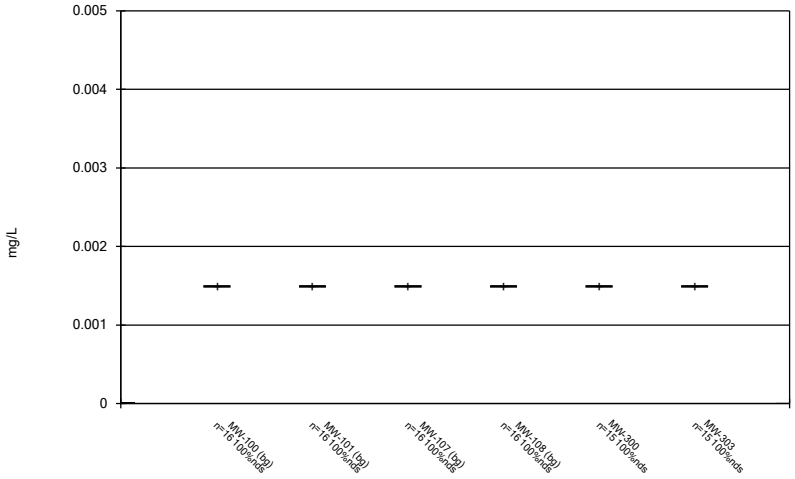


Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

300 Series

Sanitas™ v.9.6.32 . UG

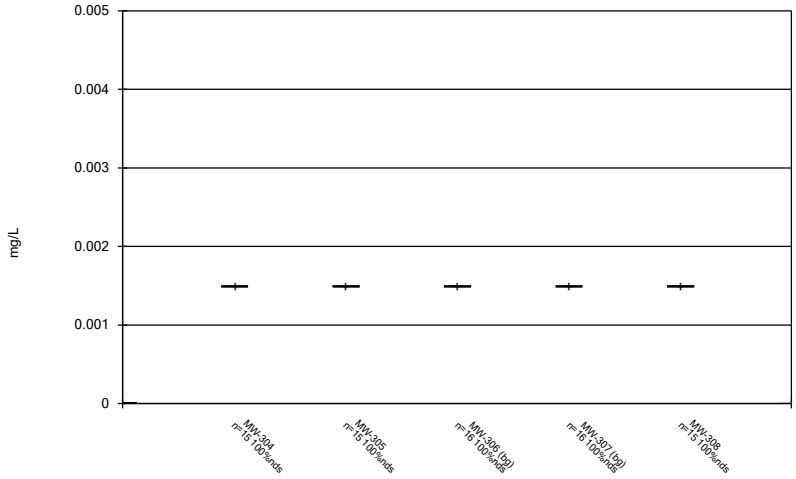
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/15/2021 7:37 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

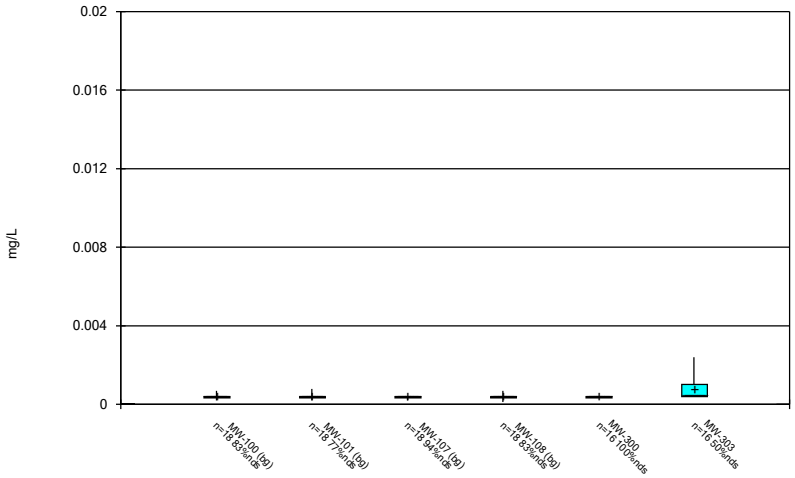
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/15/2021 7:37 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

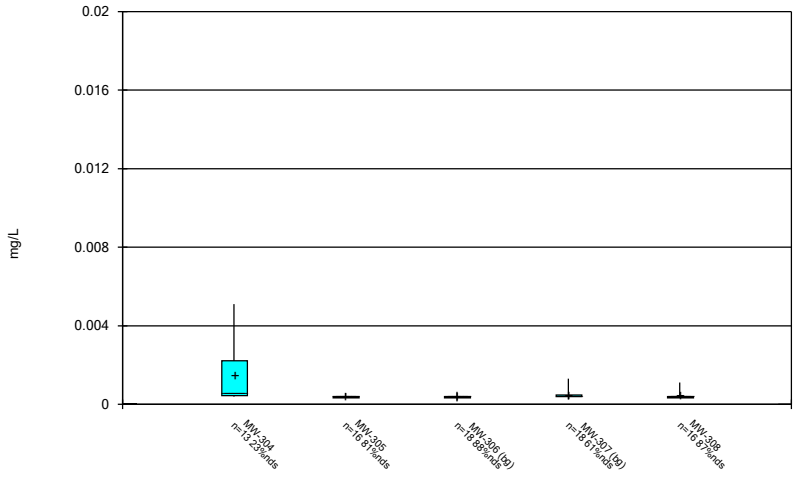
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/15/2021 7:37 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

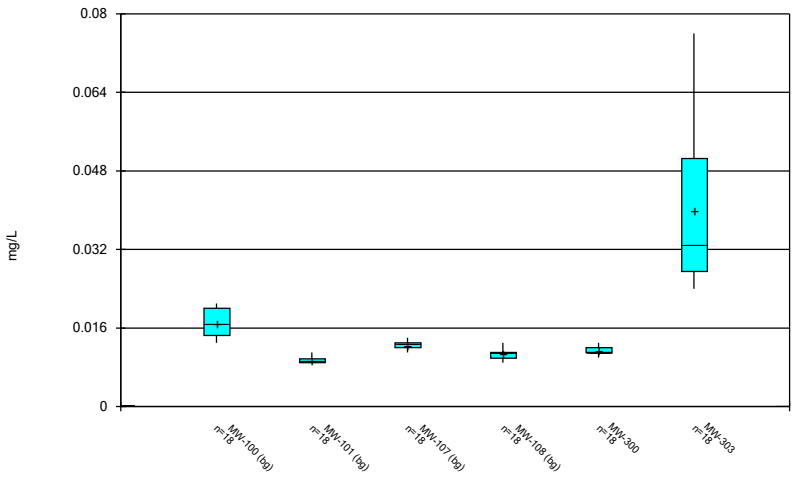
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/15/2021 7:37 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

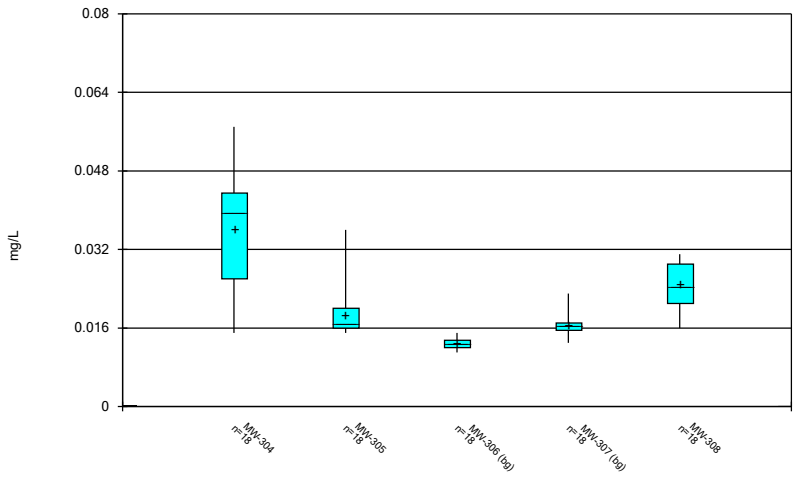
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/15/2021 7:37 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

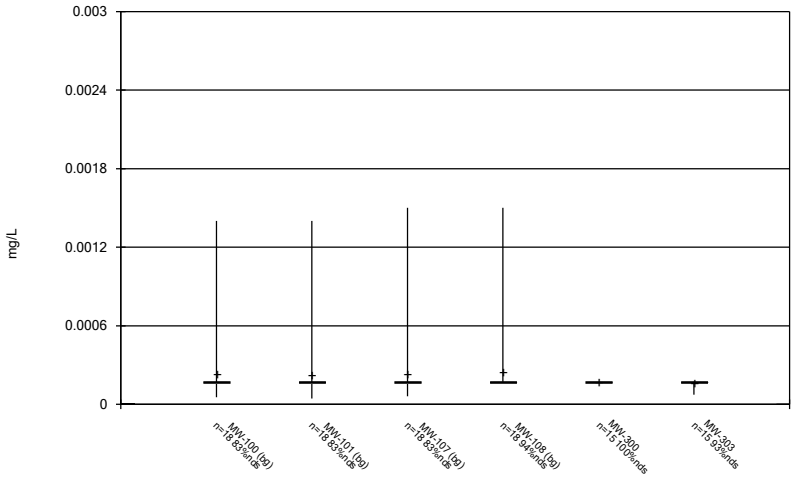
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

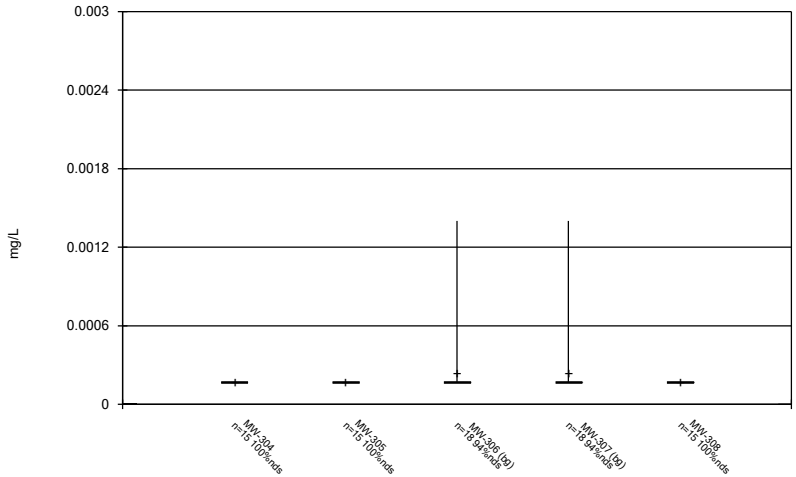
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

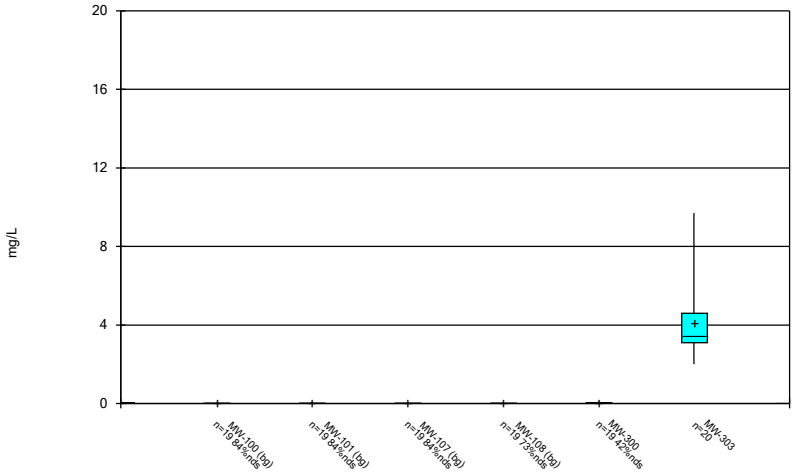
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

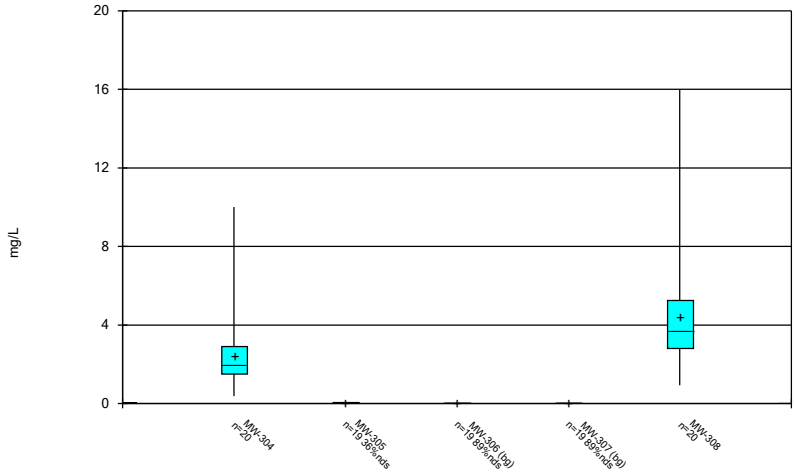
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

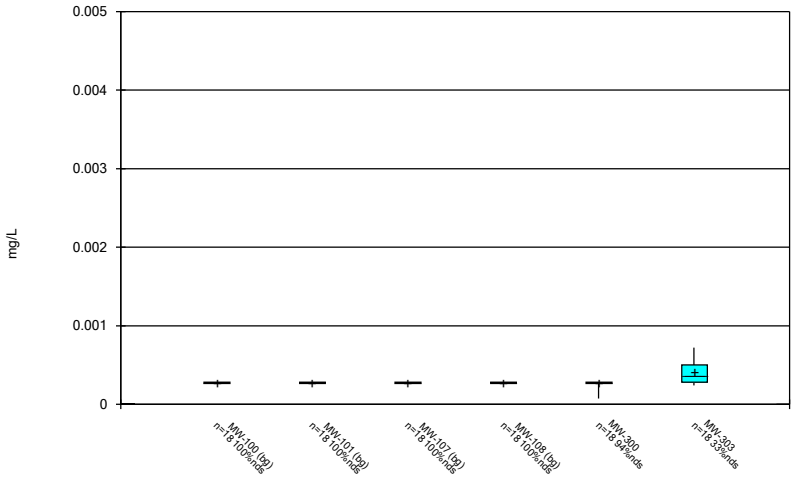
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

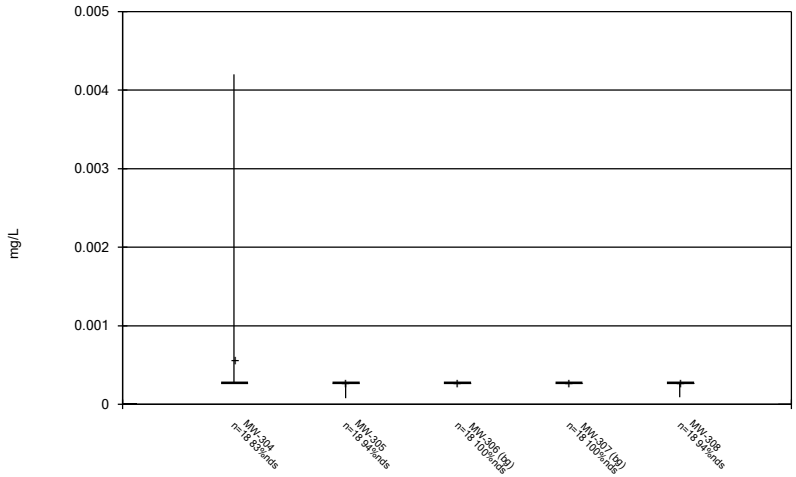
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

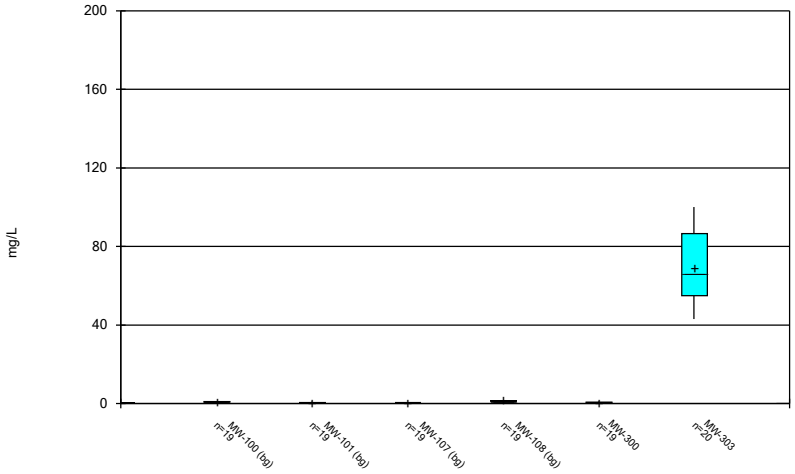
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

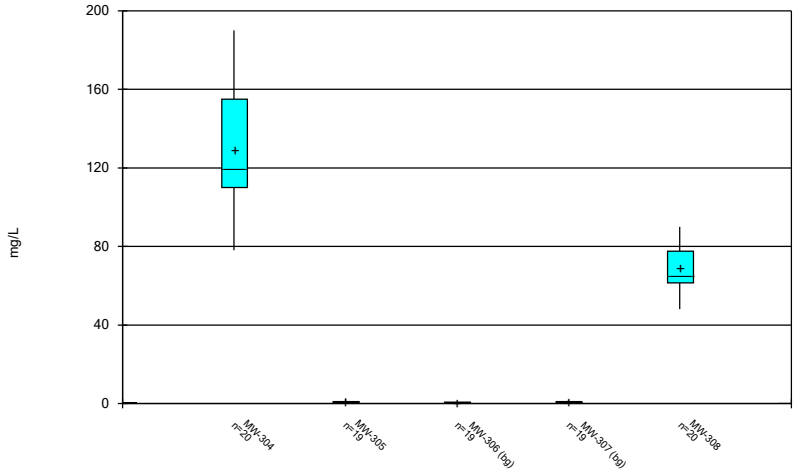
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

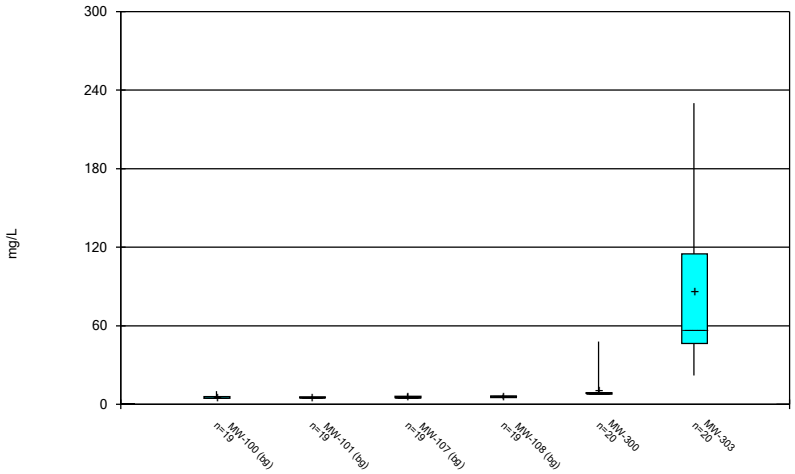
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

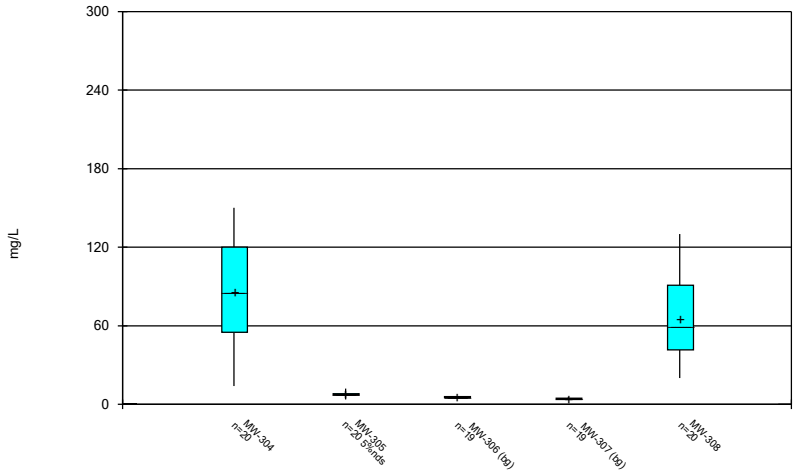
Box & Whiskers Plot



Constituent: Chloride Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

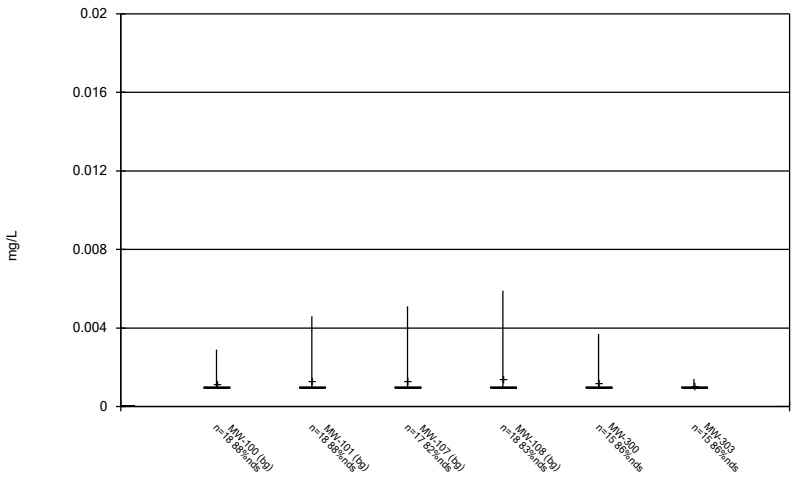
Box & Whiskers Plot



Constituent: Chloride Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

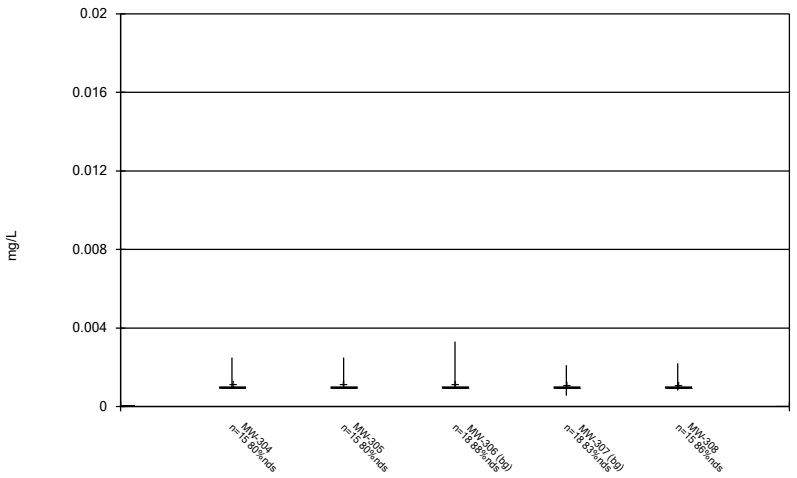
Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

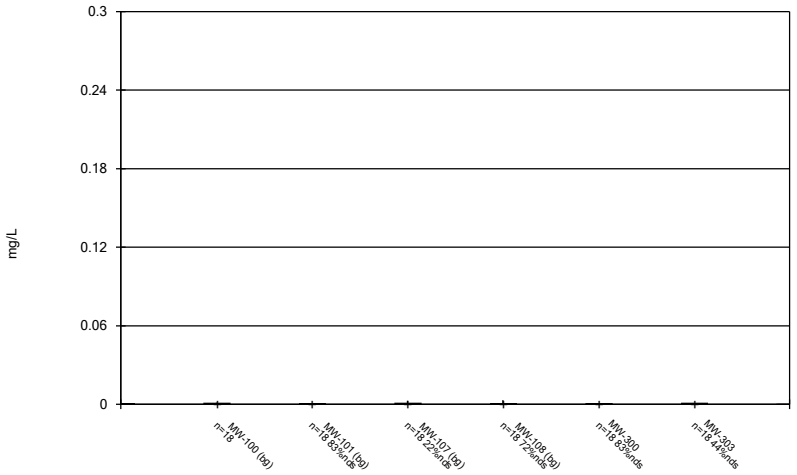
Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

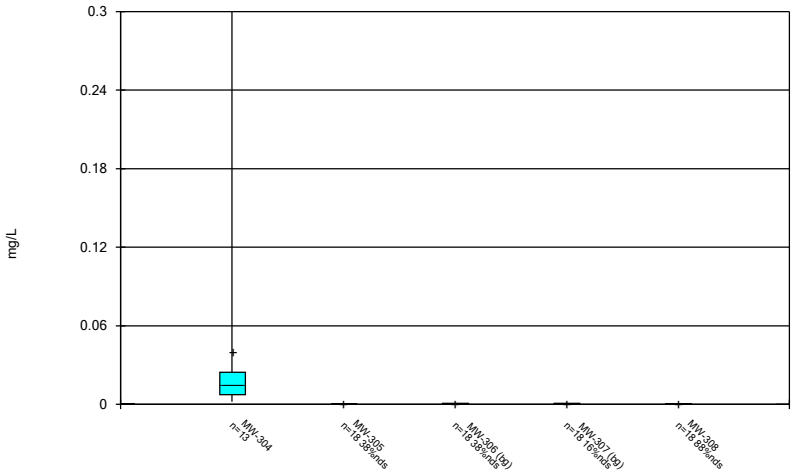
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

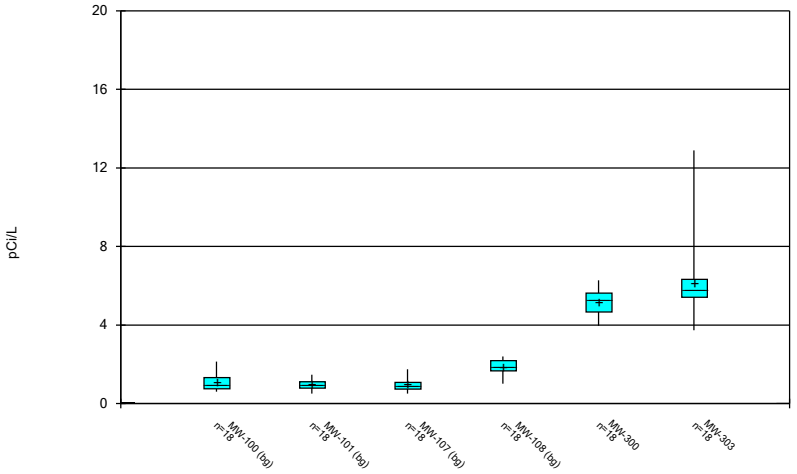
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

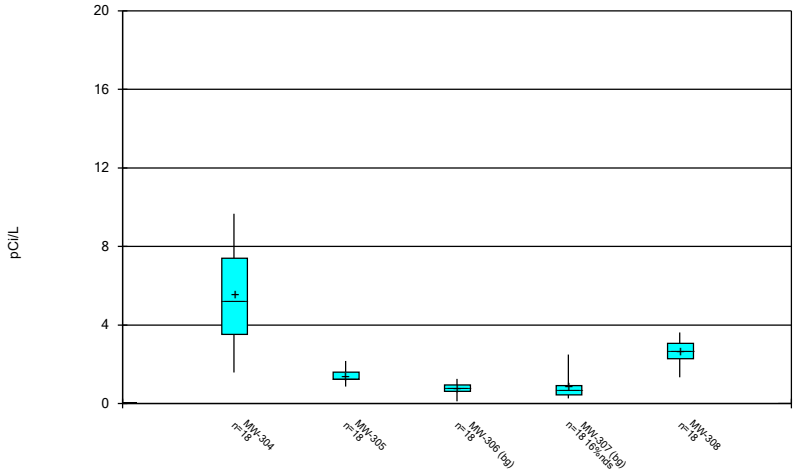
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

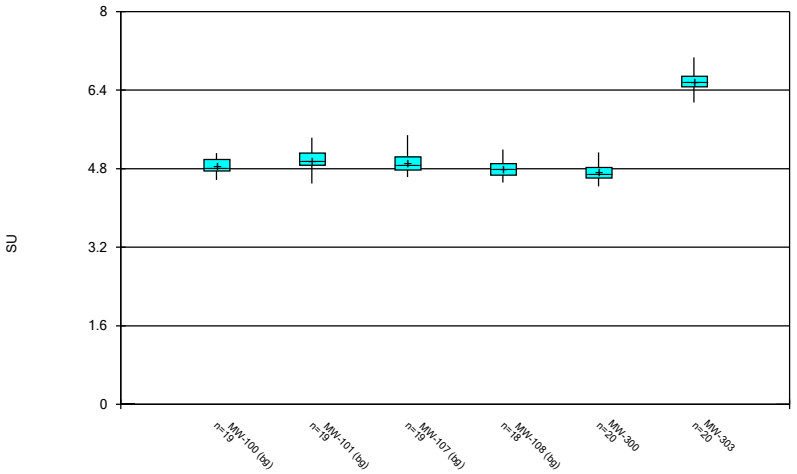
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

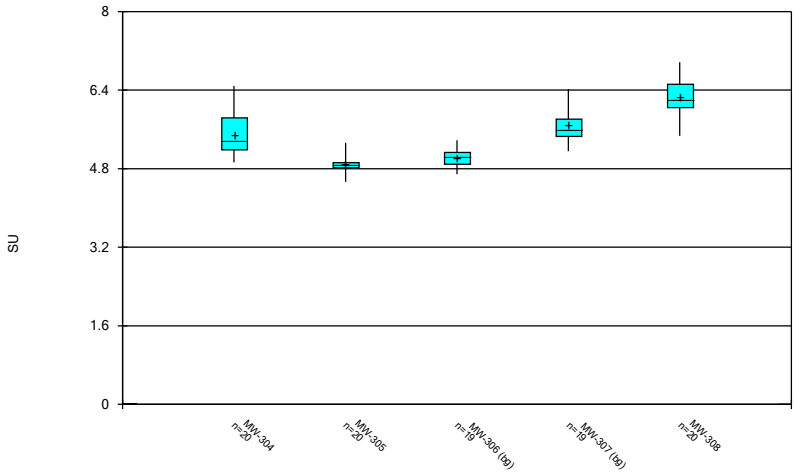
Box & Whiskers Plot



Constituent: Field pH Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

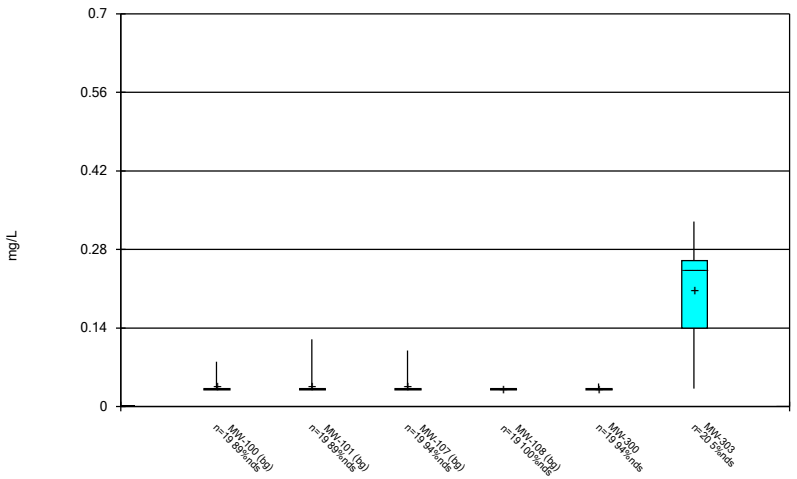
Box & Whiskers Plot



Constituent: Field pH Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

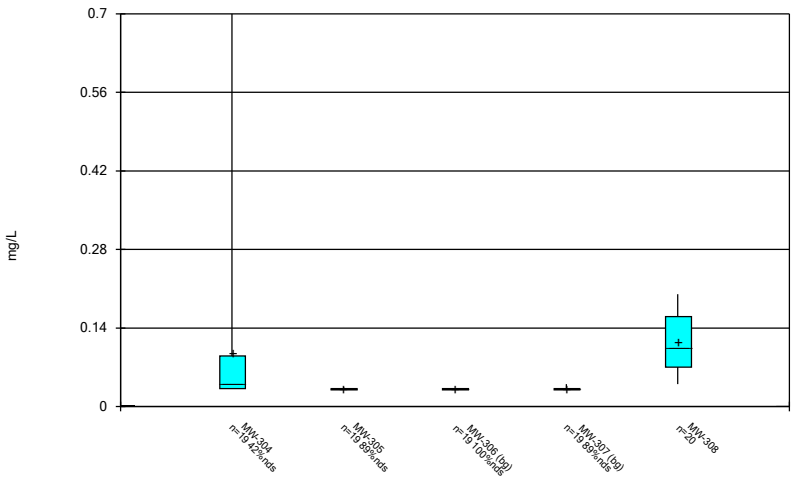
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

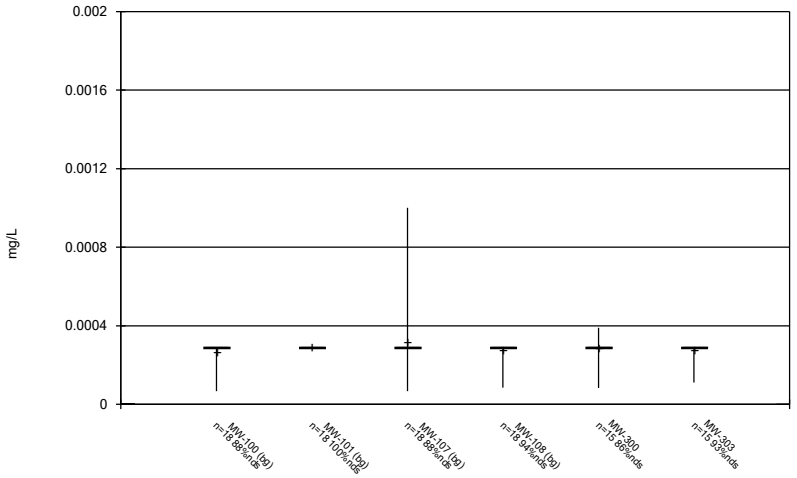
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

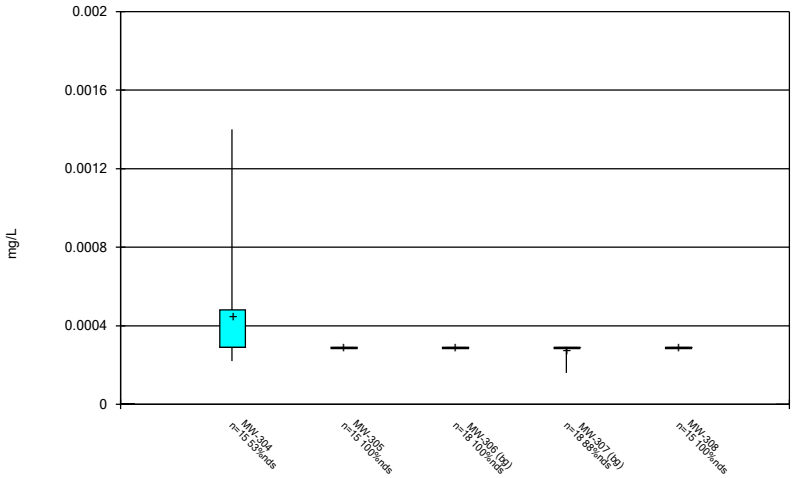
Box & Whiskers Plot



Constituent: Lead Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

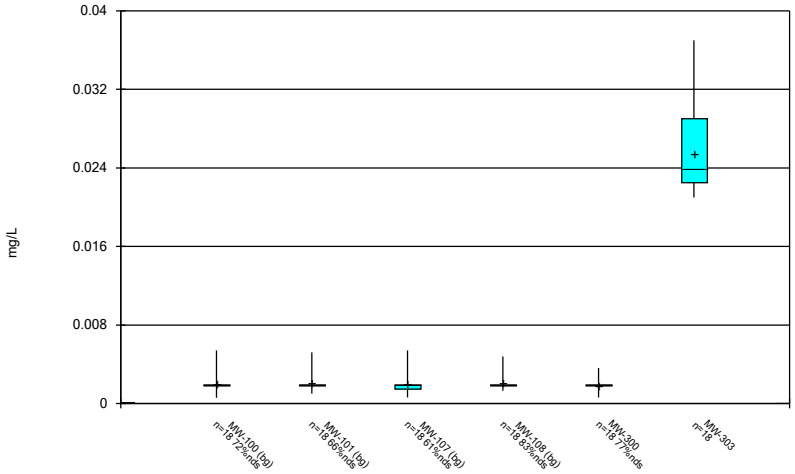
Box & Whiskers Plot



Constituent: Lead Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

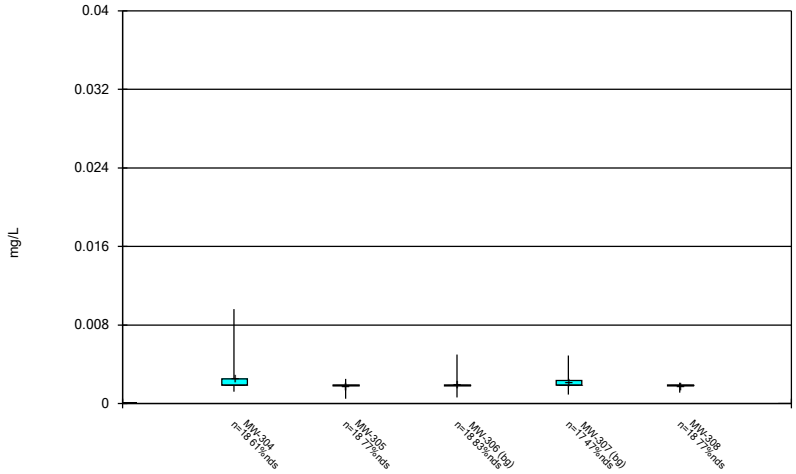
Box & Whiskers Plot



Constituent: Lithium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

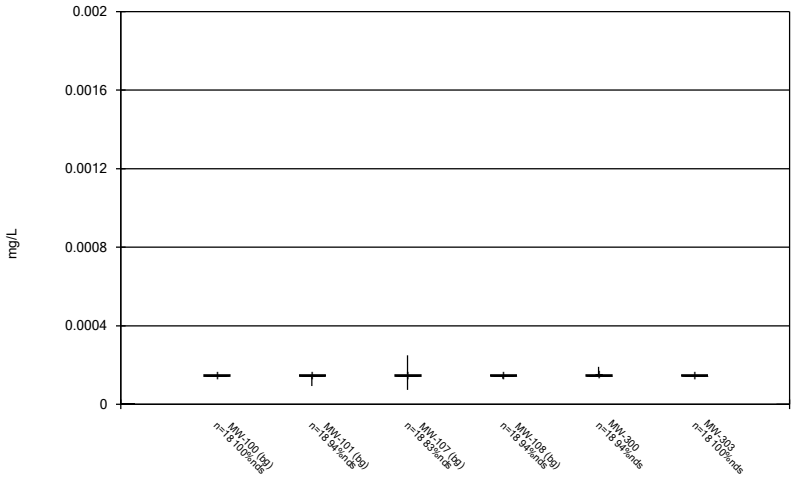
Box & Whiskers Plot



Constituent: Lithium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

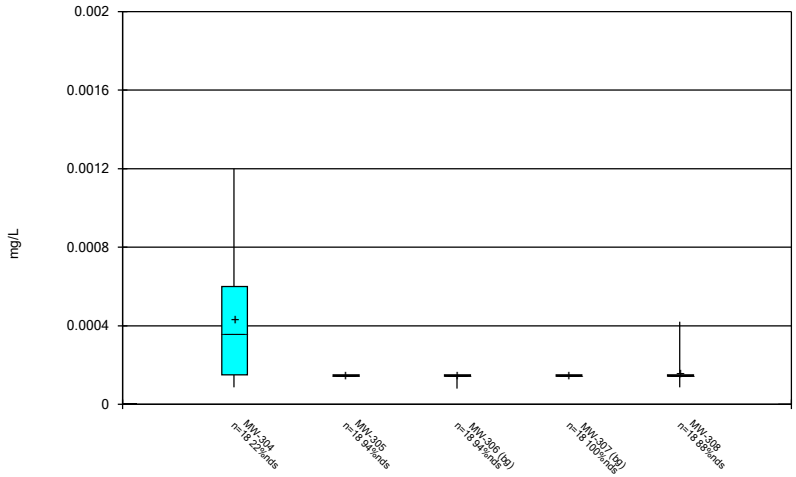
Box & Whiskers Plot



Constituent: Mercury Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

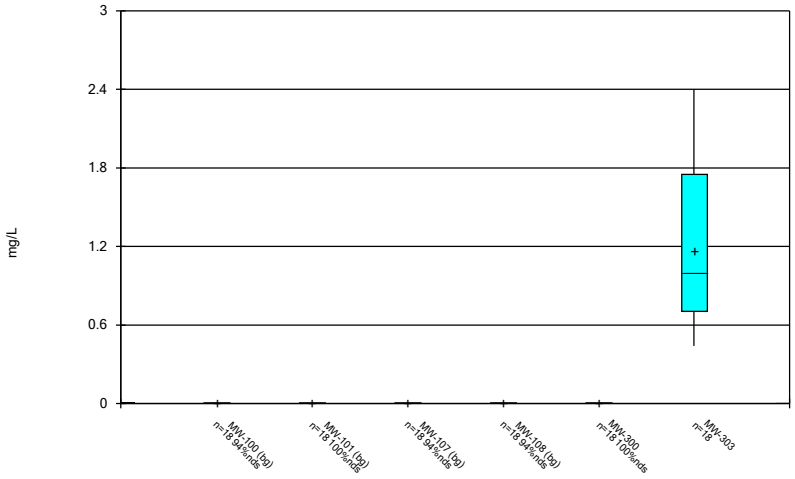
Box & Whiskers Plot



Constituent: Mercury Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

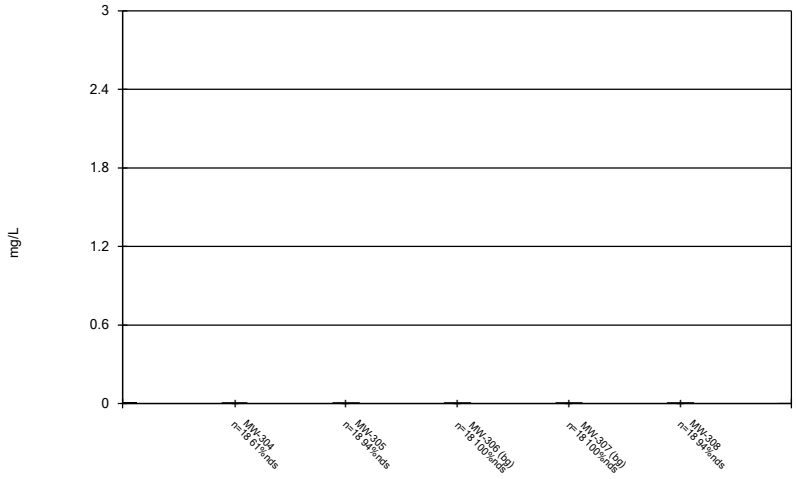
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

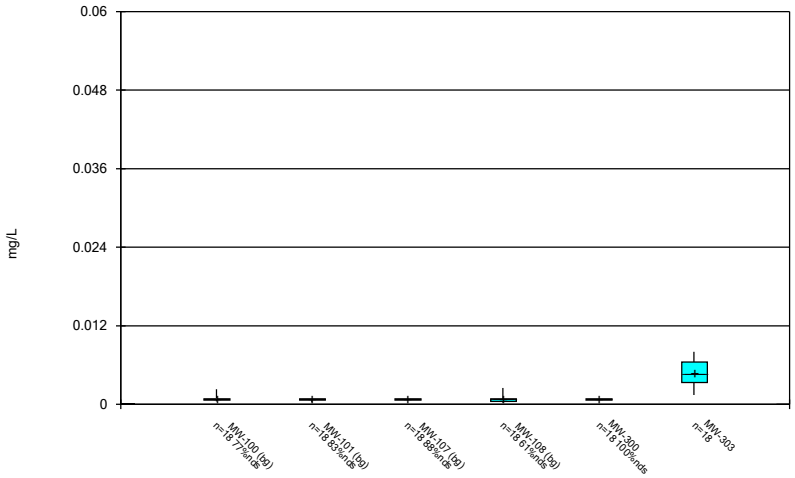
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

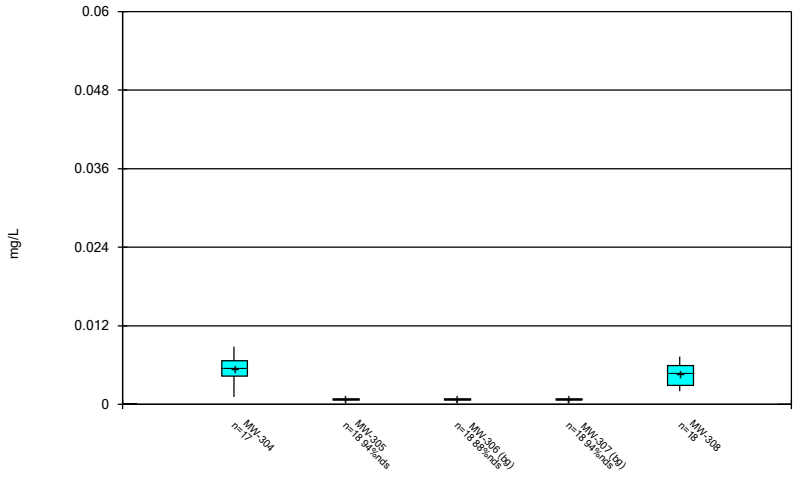
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

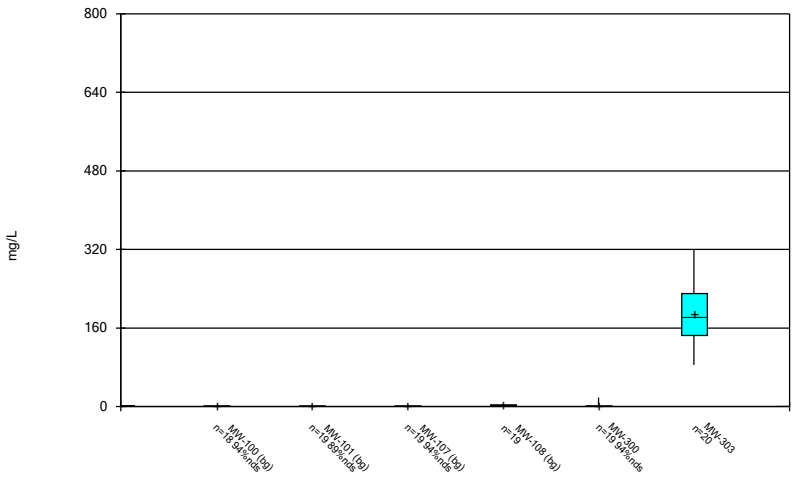
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

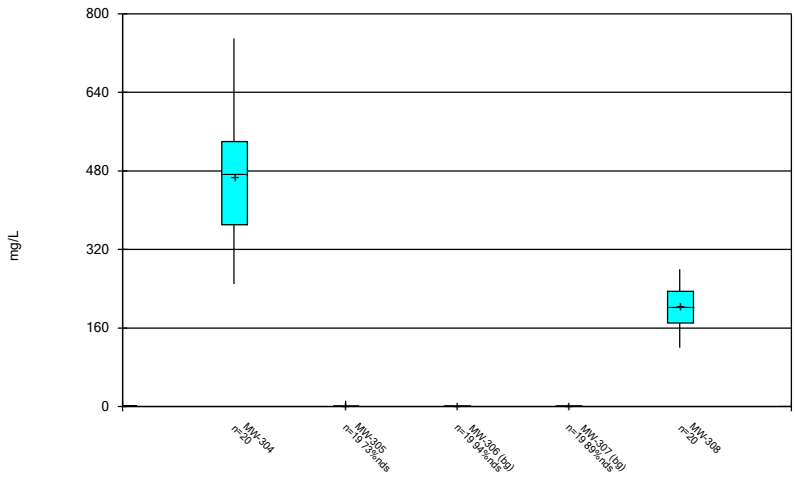
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

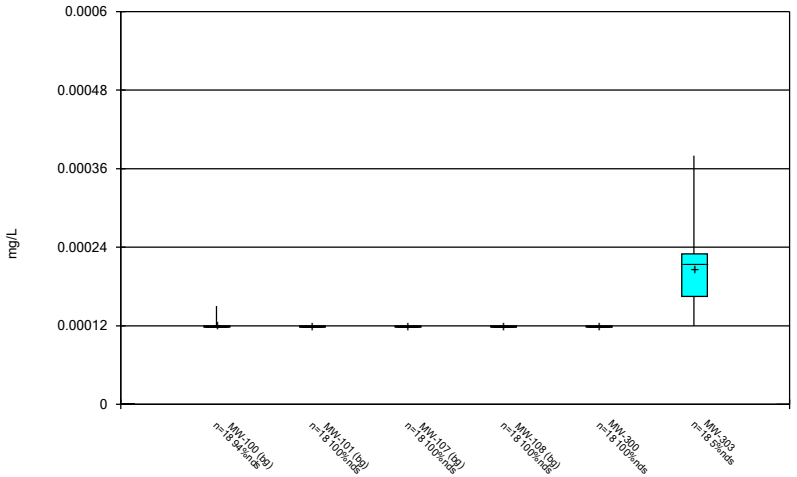
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

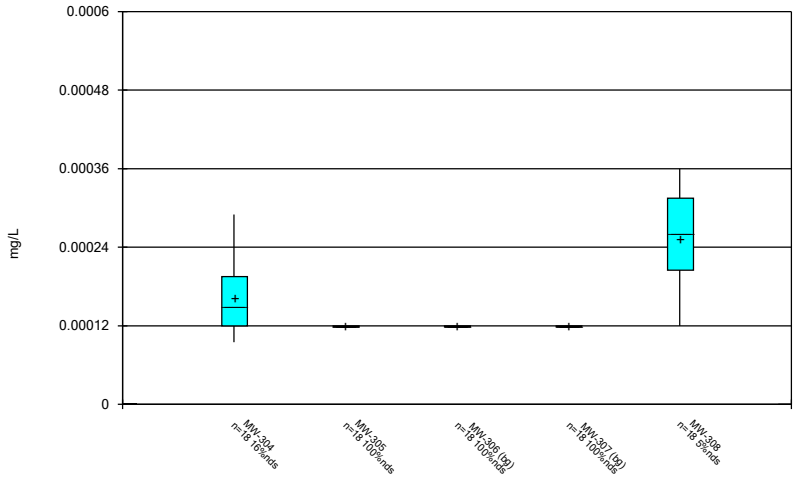
Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

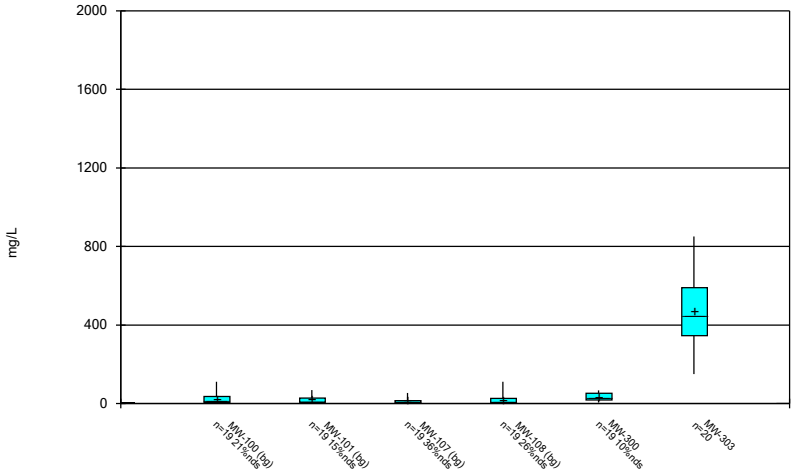
Sanitas™ v.9.6.32 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

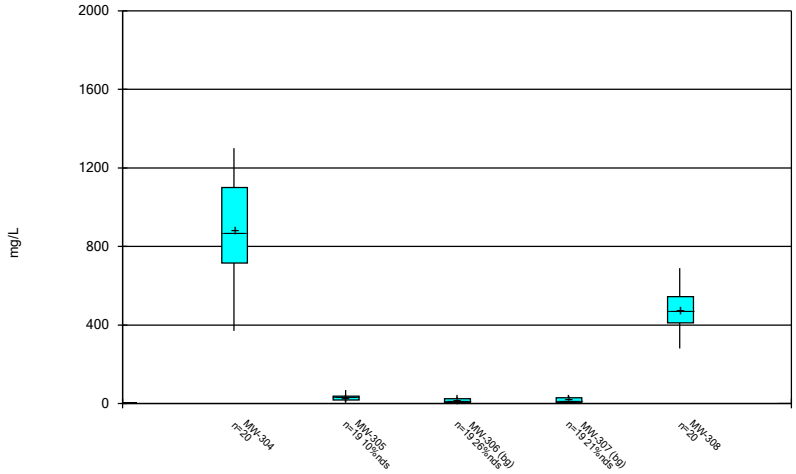
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:38 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant