Prepared for

Florida Power & Light Company
700 Universe Boulevard, JES/JB
Juno Beach, Florida 33408

2021 ANNUAL GROUNDWATER MONITORING REPORT

FLORIDA POWER & LIGHT COMPANY, GULF CLEAN ENERGY CENTER ASH LANDFILL NO. 2

Prepared by

Geosyntec consultants

engineers | scientists | innovators

1120 North 12th Avenue
Pensacola, Florida 32501

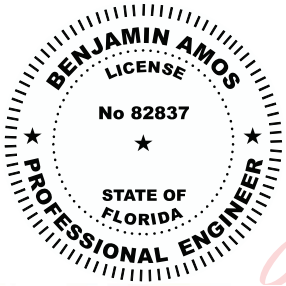
Project Number FR8309

January 28, 2022

Geosyntec
consultants

CERTIFICATION STATEMENT

This *2021 Annual Groundwater Monitoring Report, Florida Power & Light Company – Gulf Clean Energy Center – Ash Landfill No. 2* has been prepared in accordance with the requirements of the United States Environmental Protection Agency Coal Combustion Residuals rule (40 Code of Federal Regulations Part 257, Subpart D) under the supervision of a State of Florida licensed Professional Engineer and Professional Geologist with Geosyntec Consultants, Inc.



This document has been electronically signed and sealed by Benjamin Amos P.E. on 28 January 2022 using a SHA-1 authentication code. Printed copies of this document are not considered signed and sealed, and the SHA-1 authentication code must be verified on any electronic copies.
2022.01.28 10:58:43 -05'00'

Benjamin K. Amos, Ph.D., P.E.
Florida Professional Engineer No. 82837

Date



Lane Dorman, P.G.
Florida Professional Geologist No. PG2861

1/28/2022
Date

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 Report* documents CCR groundwater monitoring activities completed in 2021 at the Florida Power & Light Company ("FPL", formerly Gulf Power Company) Gulf Clean Energy Center ("GCEC", formerly Plant Crist) Ash Landfill No. 2 ("LF2").

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

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

Statistical evaluation of CCR groundwater monitoring data collected through October 2017 identified statistically significant increases ("SSIs") of certain CCR Rule Appendix III groundwater monitoring constituents relative to background. In accordance with the CCR Rule, FPL initiated an assessment monitoring program for LF2 in March 2018 and continued assessment monitoring activities for LF2 through 2021. Semi-annual assessment monitoring groundwater sample collection events for 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 evaluated in accordance with the *Statistical Analysis Plan*. Statistical analysis of this data indicated SSIs of the following CCR Rule Appendix III constituents relative to background levels: boron, calcium, chloride, fluoride, sulfate, and total dissolved solids ("TDS").

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

SSL Constituent	Semi-annual Assessment Monitoring Event	
	March 2021	September 2021
Radium 226 and 228 combined (total radium)	MW-303	MW-303
Molybdenum	MW-303	MW-303
Cobalt	MW-304	--
Statistical analysis of groundwater data collected through September 2021 no longer indicate the presence of a cobalt SSL at LF2.		

In accordance with the CCR Rule, FPL previously conducted alternate source demonstrations ("ASDs") which document that molybdenum and cobalt SSLs are from a source other than LF2. In 2021, in response to the new total radium SSL at LF2, FPL demonstrated that the total radium SSL in MW-303 is from a source other than LF2. Accordingly, neither assessment of corrective measures nor remedial action will be performed for LF2. LF2 will remain in assessment monitoring in 2022.

Geosyntec consultants

TABLE OF CONTENTS

EXECUTIVE SUMMARY ES-1

1.0 INTRODUCTION 1
- 1.1 Overview 1
- 1.2 Regional Geology & Hydrogeologic Setting 1
- 1.3 LF2 CCR Unit and Groundwater Monitoring System Descriptions 2

2.0 GROUNDWATER MONITORING ACTIVITIES 3
- 2.1 Monitoring Well Installation and Maintenance 3
- 2.3 Semi-Annual Assessment Monitoring Events 3

3.0 SAMPLE METHODOLOGY & RESULTS 4
- 3.1 Groundwater Elevation Measurement 4
- 3.2 Groundwater Sampling 4
- 3.3 Laboratory Analyses 4
- 3.4 Quality Assurance & Quality Control Summary 5

4.0 STATISTICAL ANALYSIS 6
- 4.1 Statistical Method 6
  - 4.1.1 Appendix III Constituent Statistical Method 6
  - 4.1.2 Appendix IV Constituent Statistical Method 6
- 4.2 Statistical Analyses Results 7
  - 4.2.1 Appendix III Constituent Statistical Results 7
  - 4.2.2 Appendix IV Constituent Statistical Results 7

5.0 ALTERNATE SOURCE DEMONSTRATION 8

6.0 CONCLUSIONS & FUTURE ACTIONS 9

7.0 REFERENCES 10

TABLE OF CONTENTS (Continued)

LIST OF TABLES

Table 1	Groundwater Monitoring Location Details
Table 2	Summary of 2021 Groundwater Sampling Events
Table 3	Summary of 2021 Groundwater Laboratory Analytical Data
Table 4	Summary of 2021 Groundwater Elevations
Table 5	Summary of Background Limits and Groundwater Protection Standards

LIST OF FIGURES

Figure 1	Site Location Map – Ash Landfill No. 2
Figure 2	Well Locations – Ash Landfill No. 2
Figure 3	Potentiometric Surface Contour Map – 26 March 2021
Figure 4	Potentiometric Surface Contour Map – 1 September 2021

LIST OF APPENDICES

Appendix A	Laboratory Analytical, Field Sampling Reports, and Data Validation Reports
Appendix B	Statistical Analyses – March 2021 Semi-Annual Monitoring
Appendix C	Statistical Analyses – September 2021 Semi-Annual Monitoring
Appendix D	Radium Alternative Source Demonstration, CCR Unit Ash Landfill No. 2

1.0 INTRODUCTION

1.1 Overview

On behalf of Florida Power & Light Company ("FPL"), Geosyntec Consultants, Inc. ("Geosyntec") prepared this *2021 Annual Groundwater Monitoring Report* for FPL's Gulf Clean Energy Center ("GCEC") CCR unit Ash Landfill No. 2 ("LF2"). The purpose of this report is to present a summary of the CCR groundwater monitoring activities performed at LF2 in 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. LF2 is located on the western portion of the Site.

1.2 Regional Geology & Hydrogeologic Setting

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

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

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

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

1.3 LF2 CCR Unit and Groundwater Monitoring System Descriptions

LF2 is a bottom ash landfill occupying approximately 15.2 acres. In December 2020, FPL ceased coal-fired operations at GCEC.

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

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

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

2.0 GROUNDWATER MONITORING ACTIVITIES

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

2.1 Monitoring Well Installation and Maintenance

Monitoring well and piezometer installation activities were completed in 2015 and 2016 (SC, 2018). No additional monitoring wells were installed in 2021.

2.3 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 monitoring well 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 are 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 & RESULTS

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

3.1 Groundwater Elevation Measurement

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

As illustrated on the March 2021 and September 2021 potentiometric surface maps (**Figures 3** and **4**), the general direction of groundwater flow near LF2 is to the northeast. The groundwater flow patterns observed during the March 2021 and September 2021 assessment monitoring events were generally consistent with observations from 2020 (Geosyntec, 2021a).

3.2 Groundwater Sampling

Groundwater samples were collected in general accordance with Florida Department of Environmental Protection ("FDEP") Standard Operating Procedures FS2200 (FDEP, 2017) and the CCR Rule. SmarTroll™ or 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 groundwater sample collection. 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 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**.

3.4 Quality Assurance & Quality Control Summary

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

Groundwater quality data in this report were independently validated in accordance with 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 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.

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 LF2 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 CCR Rule 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 1-of-2 resample strategy were used to evaluate pH at each well. Intrawell prediction limits are constructed using historical data within a given well and the most recent sample was compared to the background levels within the same well. The 1-of-2 resample strategy allows for collection of a verification sample when an SSI is identified. If the most recent constituent concentration exceeded its respective background prediction limit and a verification sample is not collected, an SSI is identified.

4.1.2 Appendix IV Constituent Statistical Method

In accordance with the CCR Rule, 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. 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 evaluated in accordance with the SAP. Appendix III statistical analysis was performed to evaluate if constituent concentrations in groundwater were consistent with background values. CCR Rule Appendix IV constituents were evaluated to assess if groundwater concentrations statistically exceeded the established GWPSs.

4.2.1 Appendix III Constituent Statistical Results

Concentrations of select CCR Rule Appendix III constituents from samples collected during the March 2021 and September 2021 semi-annual assessment monitoring events differed from background levels. SSIs were identified for the following constituents: boron, calcium, chloride, fluoride, sulfate, and TDS. As such, assessment monitoring will continue in 2022.

4.2.2 Appendix IV Constituent Statistical Results

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

SSL Constituent	Semi-annual Assessment Monitoring Event	
	March 2021	September 2021
Radium 226 and 228 combined (total radium)	MW-303	MW-303
Molybdenum	MW-303	MW-303
Cobalt	MW-304	--
Statistical analysis of groundwater data collected through September 2021 no longer indicate the presence of a cobalt SSL at LF2.		

5.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with the CCR Rule, FPL previously prepared ASDs for molybdenum (Geosyntec, 2019) and cobalt (Geosyntec, 2020). In 2021, in response to the new total radium SSL at LF2, FPL completed an ASD for the total radium SSL in MW-303 (Geosyntec, 2021b).The complete ASD for total radium is provided in **Appendix D**. The ASDs document that molybdenum, cobalt, and total radium SSLs are from a source other than LF2.

Key conclusions of the ASDs are briefly summarized below:

- Based on an analysis of the groundwater elevation data, monitoring well MW-303 is downgradient of the Closed Interim Landfill ("CIL") which is south of LF2. Elevated molybdenum levels were observed in groundwater up/side gradient of LF2 and downgradient of the CIL. Additionally, molybdenum was detected in sediment and surface water of the stormwater pond associated with CIL, but not detected in the surface water of the stormwater pond associated with LF2. Therefore, data indicate that the source of the SSL reported for molybdenum in MW-303 is not LF2.

- The widespread presence of cobalt in subsurface soils across the Site, including at locations upgradient, side-gradient and downgradient of LF2, is consistent with a naturally-occurring source of cobalt. The presence of naturally-occurring cobalt and its potential to leach into groundwater is documented in the ASD. Therefore, the cobalt SSL observed in MW-304 in March 2021 is leached into groundwater from naturally-occurring cobalt resulting in the SSLs. Note that statistical analysis of groundwater data collected through September 2021 no longer indicate the presence of a cobalt SSL at LF2.

- Naturally-occurring uranium and thorium, both of which decay to radium isotopes, were documented at the Site in an investigation by LBG-Guyton (1998), and concurred with by FDEP (1999). The naturally-occurring parent radionuclides and subsequent decay to the components of total radium accounts for the periodic GWPS exceedances observed in LF2 CCR groundwater monitoring well MW-303. Therefore, data indicate that total radium is leaching into groundwater from naturally-occurring radioactive elements in Site soils causing SSLs of total radium in groundwater.

6.0 CONCLUSIONS & FUTURE ACTIONS

SSLs of certain CCR Rule Appendix IV constituents (molybdenum, cobalt, and total radium) relative to GWPSs were identified at LF2 in 2021. In accordance with the CCR Rule, FPL prepared ASDs for molybdenum, cobalt, and total radium SSLs identified at LF2 which document that a source other than LF2 caused the SSLs. Therefore, an assessment of corrective measures will not be performed at this time and assessment monitoring will continue in 2022.

7.0 REFERENCES

Florida Department of Environmental Protection (FDEP), 1999. *Summary of the February 10,1999 Meeting with Gulf Power.* February.

Florida Department of Environmental Protection (FDEP), 2017. *Department of Environmental Protection Standard Operating Procedures for Field Activities. DEP-SOP-001/01. Florida Department of Environmental Protection*. January. https://floridadep.gov/dear/quality-assurance/content/dep-sops.

Geosyntec Consultants, 2019. *Alternate Source Demonstration, Gulf Power Company, Plant Crist, Ash Landfill No. 2*. January.

Geosyntec Consultants, 2020. *Cobalt Alternate Source Demonstration, Gulf Power Company, Crist Generating Plant, Ash Landfill No. 2*. September.

Geosyntec Consultants, 2021a. *2020 Annual Groundwater Monitoring Report, Gulf Power Company, Plant Crist, Ash Landfill No. 2*. January

Geosyntec Consultants, 2021b. *Radium Alternate Source Demonstration, Gulf Power Company, Gulf Clean Energy Center, Ash Landfill No. 2*. September.

Groundwater Stats Consulting (GSC), 2017. *Gulf Power Company Plant Crist Ash Landfill No. 1, Ash Landfill No. 2, and Gypsum Storage Area Statistical Analysis Plan*. October.

LBG-Guyton Associates, July 1998. *Investigation for Potential Sources of Elevated Radiological Activity in Two Monitoring Wells at Crist Electric Generating Plant, James F. Crist Generating Plant.*

Richards, C.J., 2001, *Results of the ECUA Beulah Constant Rate Aquifer Test, Sand-and-Gravel Aquifer, Escambia County Florida*. Northwest Florida Water Management District.

Roaza, H.P., Pratt, T.R., Richards, C.J., Johnson, J.L. and Wagner, J.R., 1991, *Conceptual Model of the Sand-and-Gravel Aquifer, Escambia County, Florida: Northwest Florida Water Management District, Water Resources Special Report 91-6*, 117 p.

Southern Company (SC), 2018. *2017 Annual Groundwater Monitoring and Corrective Action Report. Gulf Power Company – Plant Crist Ash Landfill No1, Ash Landfill No.2, and Gypsum Storage Area*. January 31, 2018.

USEPA, 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, *Unified Guidance*. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March.

USEPA, 2011. Region IV *Data Validation Standard Operating Procedures.* Science and Ecosystem Support Division. Region IV. Athens, GA. September 2011.

USEPA, 2017. *National Functional Guidelines for Inorganic Superfund Methods Data Review*. Office of Superfund Remediation and Technology Innovation. OLEM 9355.0-135 [EPA-540-R-2017-001]. Washington, DC. January.

TABLES

TABLE 1: GROUNDWATER MONITORING LOCATION DETAILS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 2, Pensacola, Florida

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

Notes:

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

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

Monitoring Location	Semi-Annual Assessment Monitoring Event 1	Semi-Annual Assessment Monitoring Event 2
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-300	3/31/2021	9/7/2021
MW-303	4/1/2021	9/7/2021
MW-304	4/1/2021	9/7/2021
MW-305	4/1/2021	9/7/2021
MW-306	3/29/2021	9/2/2021
MW-307	3/29/2021	9/2/2021
MW-308	4/1/2021	9/7/2021

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 Landfill 2, Pensacola, Florida

Monitoring Location	Well Designation	Sample Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Total Radium (pCi/L)	Fluoride (mg/L)	Lead (mg/L)	Lithium (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	pH (SU)	Selenium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Thallium (mg/L)
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-300	Downgradient	3/31/2021	0.0015 U	0.00039 U	0.012	0.00017 U	0.046 I	0.00028 U	0.30	8.4	0.0010 U	0.00056 U	4.44	0.032 U	0.00039 I	0.0036 I V	0.00019 I	0.0045 U	4.69	0.00082 U	18	48	0.00012 U
MW-303	Downgradient	4/1/2021	0.0015 U	0.00039 U	0.068	0.00017 U	3.5	0.00028 U	97	48	0.0014 I	0.00056 U	6.31	0.26 J3	0.00029 U	0.022 V	0.000070 U	0.49	6.46	0.0040	320	600	0.00022 I
MW-304	Downgradient	4/1/2021	0.0015 U	0.00062 I V	0.055	0.00017 U	3.2	0.00028 U	170	71	0.0010 U	0.0079	6.79	0.040 I J3	0.00029 U	0.0027 I V	0.00012 I	0.0045 U	5.81	0.0038	750	1200	0.00012 U
MW-305	Downgradient	4/1/2021	0.0015 U	0.00048 I V	0.017	0.00017 U	0.035 I	0.00028 U	0.61	7.4	0.0010 U	0.00056 U	1.23	0.032 U J3	0.00029 U	0.0025 I V	0.000070 U	0.0045 U	4.83	0.00082 U	1.9 I	52	0.00012 U
MW-308	Downgradient	4/1/2021	0.0015 U	0.00039 U	0.031	0.00017 U	5.1	0.00028 U	73	96	0.0010 U	0.00056 U	2.27	0.19 J3	0.00029 U	0.0019 U	0.00042	0.0045 U	6.55	0.0027	190	560	0.00019 I
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-300	Downgradient	9/7/2021	0.0015 U	0.00039 U	0.011	0.00017 U	0.022 I	0.00028 U	0.46	8.3	0.0012 I V	0.00056 U	5.47	0.032 U	0.00029 U	0.0019 U	0.00015 U	0.0045 U	4.52	0.00082 U	1.4 U	54	0.00012 U
MW-303	Downgradient	9/7/2021	0.0015 U	0.00039 U	0.034	0.00017 U	3.1	0.00028 U	56	46	0.0012 I V	0.00056 U	6.02	0.24	0.00029 U	0.023	0.00015 U	0.44	6.56	0.0046	120	360	0.00015 I
MW-304	Downgradient	9/7/2021	0.0015 U	0.00039 U	0.041	0.00017 U	1.4	0.0042	190	25	0.0025 V	0.30	6.19	0.70	0.00029 U	0.0096	0.00015 U	0.0045 U	5.10	0.0069	530	1000	0.00015 I
MW-305	Downgradient	9/7/2021	0.0015 U	0.00039 U	0.015	0.00017 U	0.018 U	0.00028 U	0.53	7.0	0.0012 I V	0.00056 U	1.60	0.032 U	0.00029 U	0.0019 U	0.00015 U	0.0045 U	4.68	0.00082 U	1.4 U	24	0.00012 U
MW-308	Downgradient	9/7/2021	0.0015 U	0.00039 U	0.029	0.00017 U	1.7	0.00028 U	66	88	0.0022 I V	0.00056 U	2.42	0.17	0.00029 U	0.0019 U	0.00015 U	0.0045 U	6.13	0.0045	140	450	0.00016 I

Notes:
1. "mg/L" indicates milligrams per liter, "pCi/L" indicates picocuries per liter, "SU" indicates standard units.
2. "TDS" indicates total dissolved solids.
3. "U" indicates analyte was analyzed but not detected.
4. "V" indicates that the analyte was detected at or above the method detection limit in both the sample and associated method blank and the value of 10 times the blank was equal to or greater than the associated sample value (i.e., the reported concentration may be biased high).
5. "I" indicates that the reported value is between laboratory method detection limit and laboratory practical quantitation limit.
6. Data validation was performed on laboratory analytical reports from the semi-annual assessment monitoring events of 2021 as described in the data validation reports included in Appendix A. Data validation flags are not included in Table 3.
7. Total radium is defined as the combined concentrations of radium 226 and radium 228.

TABLE 4: SUMMARY OF 2021 GROUNDWATER ELEVATIONS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 2, Pensacola, Florida

Monitoring Location	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	3/26/2021	90.38	12.65
MW-101	577158.45	1107724.27	108	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-300	579587.59	1106288.51	68.8	3/26/2021	57.74	11.06
MW-301	579282.59	1106601.15	80.51	3/26/2021	68.79	11.72
MW-302	579752.44	1107202.72	57.97	3/26/2021	47.58	10.39
MW-303	580183.01	1107460.45	44.97	3/26/2021	36.04	8.93
MW-304	580661.43	1106931.50	41.82	3/26/2021	34.62	7.20
MW-305	580179.89	1106680.03	58.57	3/26/2021	49.67	8.90
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
MW-308	580349.51	1107304.17	42.65	3/26/2021	33.91	8.74

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 Landfill 2, Pensacola, Florida

Monitoring Location	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	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-300	579587.59	1106288.51	68.8	9/1/2021	56.28	12.52
MW-301	579282.59	1106601.15	80.51	9/1/2021	67.28	13.23
MW-302	579752.44	1107202.72	57.97	9/1/2021	45.38	12.59
MW-303	580183.01	1107460.45	44.97	9/1/2021	33.89	11.08
MW-304	580661.43	1106931.50	41.82	9/1/2021	33.39	8.43
MW-305	580179.89	1106680.03	58.57	9/1/2021	48.27	10.30
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
MW-308	580349.51	1107304.17	42.65	9/1/2021	31.82	10.83

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.

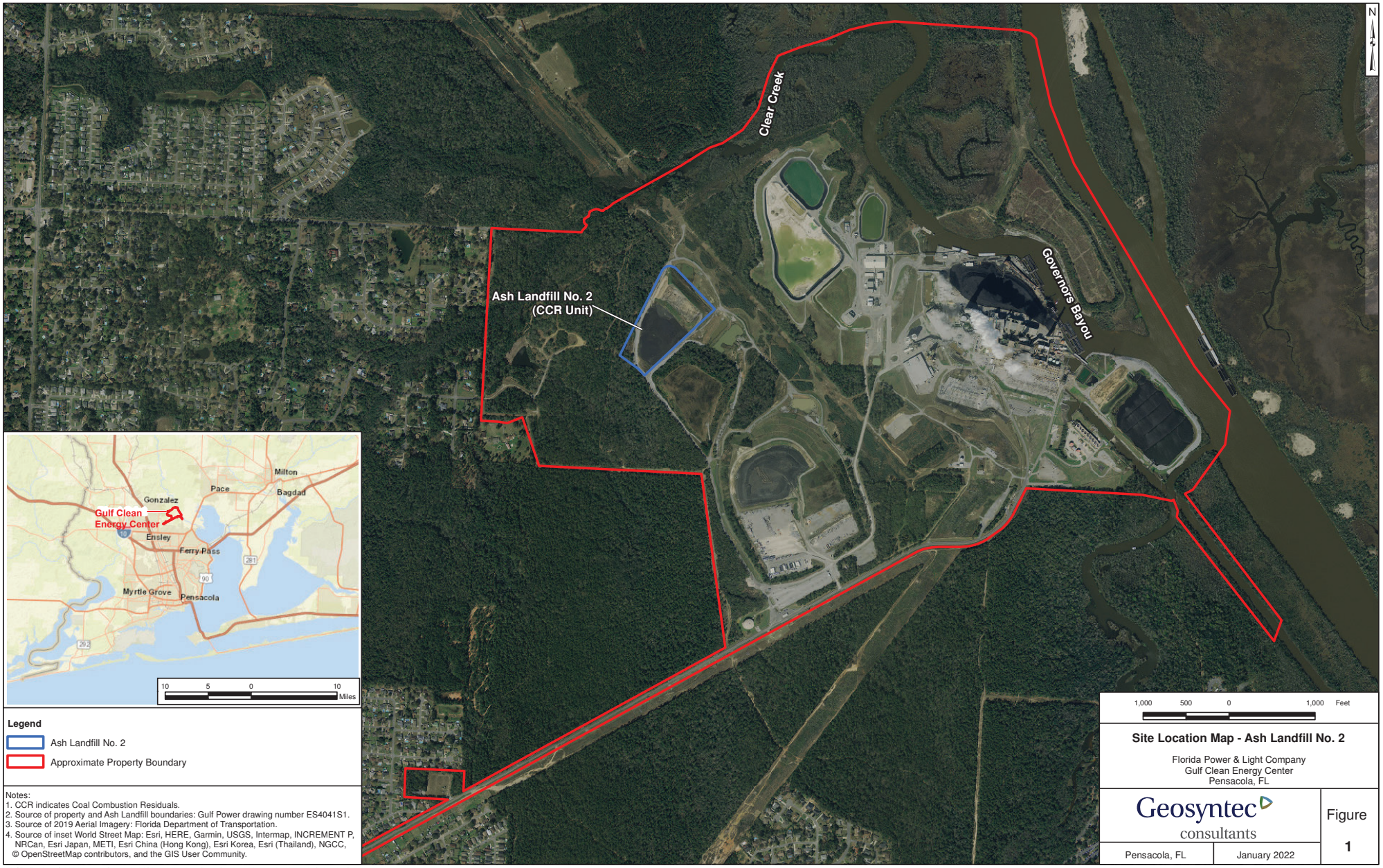
TABLE 5: SUMMARY OF BACKGROUND LIMITS AND GROUNDWATER PROTECTION STANDARDS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 2, Pensacola, Florida

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

- Ash Landfill No. 2
- 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 - Ash Landfill No. 2

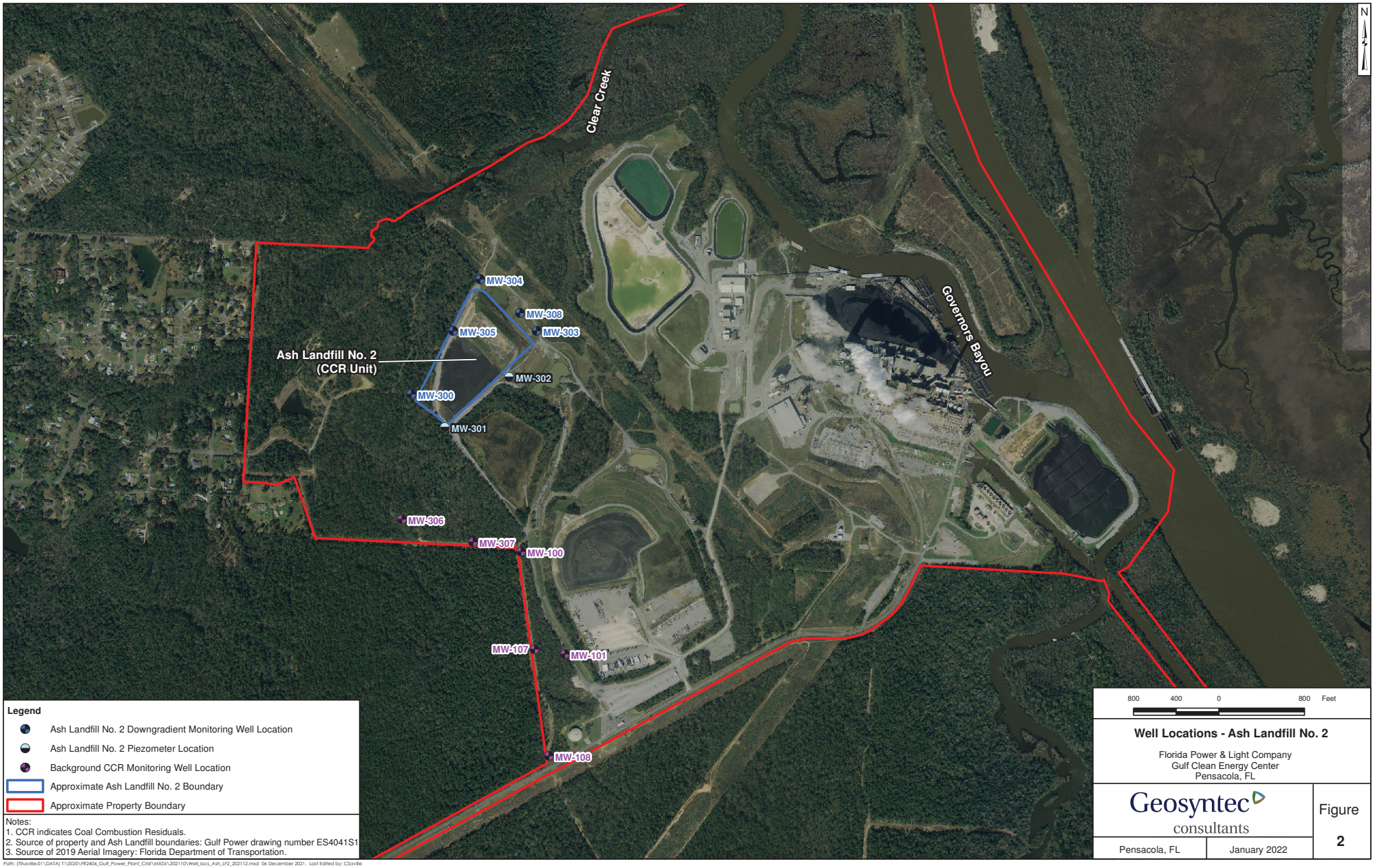
Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2022

Figure 1

Path: {Titusville-01\DATA} T:\GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202110\LF2_SiteLocationMap.mxd 06 December 2021. Last Edited by: CSaville



Well Locations - Ash Landfill No. 2

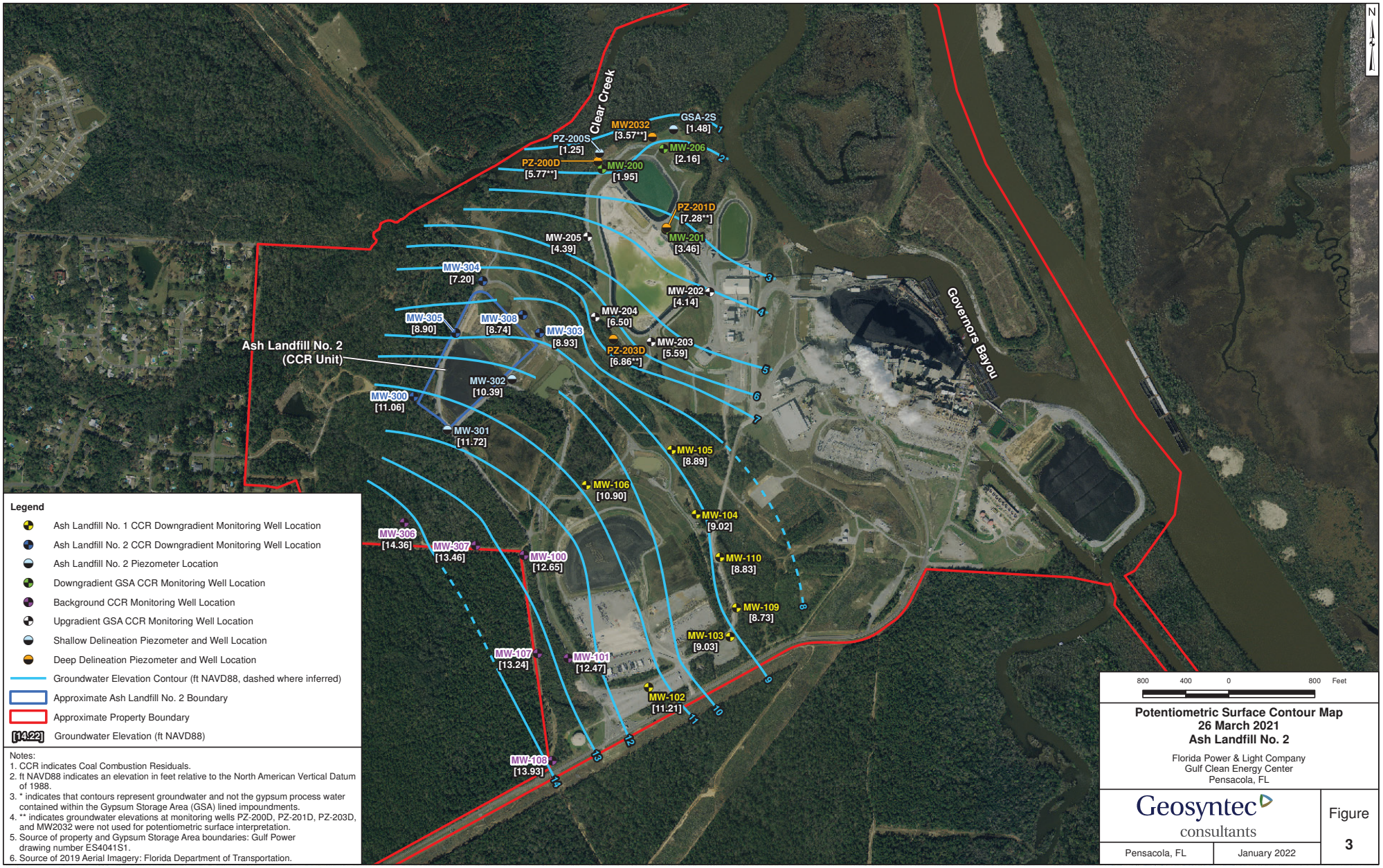
Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Figure 2

Pensacola, FL | January 2022

Path: {Titusville-01\DATA} T:\GIS\FR2404_Gulf_Power_Plant_Crist\MXDs\202110\Well_locs_Ash_LF2_202112.mxd 06 December 2021. Last Edited by: CSoville



Legend

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

Notes:
1. CCR indicates Coal Combustion Residuals.
2. ft NAVD88 indicates an elevation in feet relative to the North American Vertical Datum of 1988.
3. * indicates that contours represent groundwater and not the gypsum process water contained within the Gypsum Storage Area (GSA) lined impoundments.
4. ** indicates groundwater elevations at monitoring wells PZ-200D, PZ-201D, PZ-203D, and MW2032 were not used for potentiometric surface interpretation.
5. Source of property and Gypsum Storage Area boundaries: Gulf Power drawing number ES4041S1.
6. Source of 2019 Aerial Imagery: Florida Department of Transportation.

Potentiometric Surface Contour Map
26 March 2021
Ash Landfill No. 2

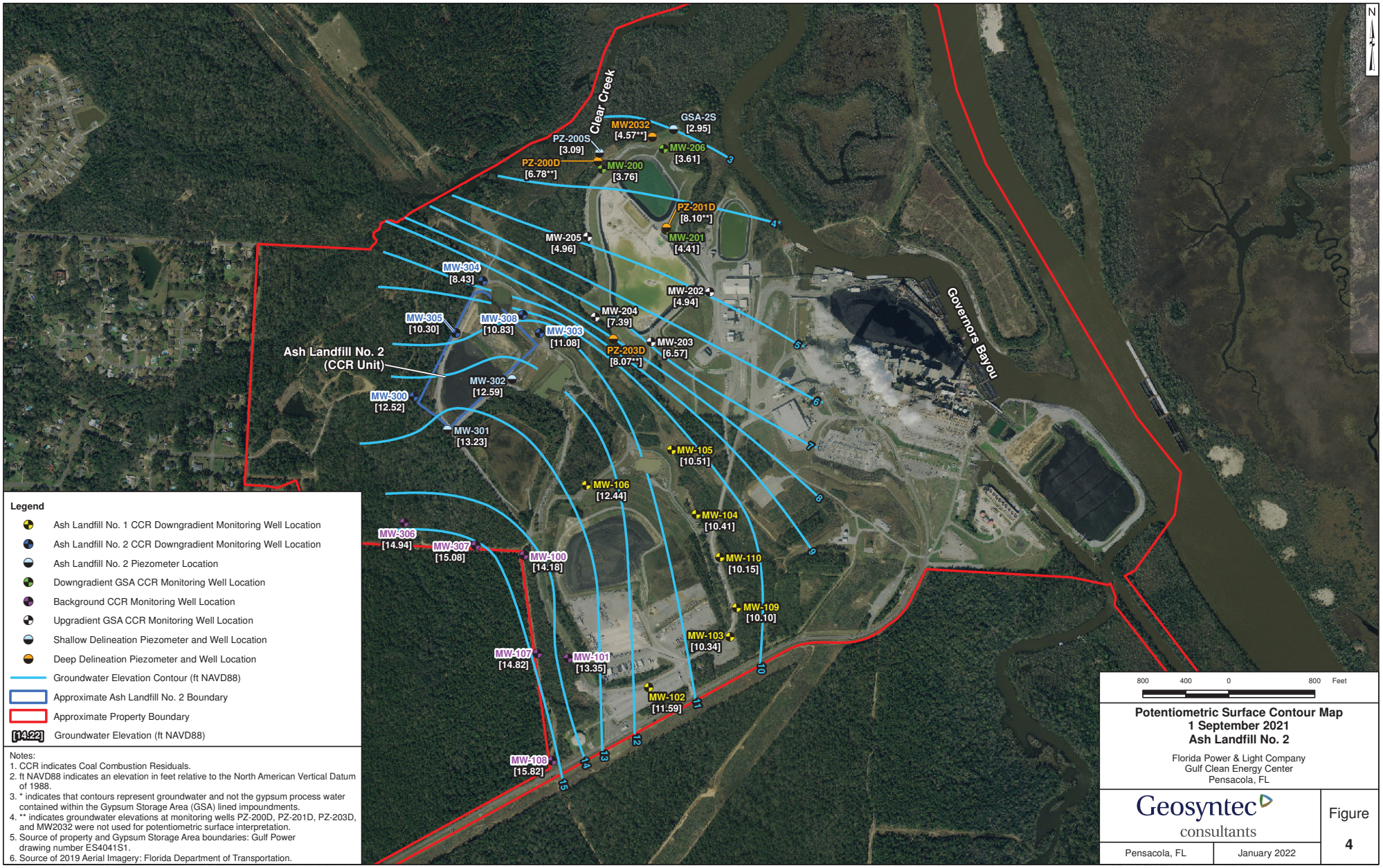
Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2022

Figure 3

Path: {Titusville-01\DATA} T:\GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202110\LF2_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 Ash Landfill No. 2 Boundary
- Approximate Property Boundary
- [14.22] Groundwater Elevation (ft NAVD88)

Notes:
1. CCR indicates Coal Combustion Residuals.
2. ft NAVD88 indicates an elevation in feet relative to the North American Vertical Datum of 1988.
3. * indicates that contours represent groundwater and not the gypsum process water contained within the Gypsum Storage Area (GSA) lined impoundments.
4. ** indicates groundwater elevations at monitoring wells PZ-200D, PZ-201D, PZ-203D, and MW2032 were not used for potentiometric surface interpretation.
5. Source of property and Gypsum Storage Area boundaries: Gulf Power drawing number ES4041S1.
6. Source of 2019 Aerial Imagery: Florida Department of Transportation.

Potentiometric Surface Contour Map
1 September 2021
Ash Landfill No. 2

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

Geosyntec consultants

Pensacola, FL | January 2022

Figure 4

Path: {Titusville-01\DATA} T:\GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202110\LF2_GW_elev_Sep2021.mxd 06 December 2021. Last Edited by: CSoville

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Detection Summary 4
Method Summary 6
Sample Summary 7
Client Sample Results 8
Definitions 15
Chronicle 16
QC Association 19
QC Sample Results 22
Chain of Custody 27
Receipt Checklists 28
Certification Summary 29

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: 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

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

Definitions/Glossary

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

Job ID: 400-201304-1
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.
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

Client Sample ID: MW-108

Lab Sample ID: 400-201304-4

Date Collected: 03/29/21 10:00

Matrix: Water

Date Received: 03/30/21 14:00

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

Lab Sample ID: 400-201304-5

Date Collected: 03/29/21 12:24

Matrix: Water

Date Received: 03/30/21 14:00

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

Lab Sample ID: 400-201304-6

Date Collected: 03/29/21 13:32

Matrix: Water

Date Received: 03/30/21 14:00

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

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		

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: 3-30-21 1400	Company: RDH	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by: [signature]

Date/Time	Company
3-30-21 1400	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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Method Summary 4
Sample Summary 5
Client Sample Results 6
Definitions 13
Chronicle 14
QC Association 16
QC Sample Results 17
Chain of Custody 19
Receipt Checklists 20
Certification Summary 22

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 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 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

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

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-22.	0.04919	6	0.0E9.	0.0E98	1.00	0.0958	pCi/L	04/02/21 1. :32	04/2. /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-22.			11.3	11.09		1.14	1.00	0.09EE	pCi/L	98	5E - 12E		

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-22.			11.3	11.7 0		1.18	1.00	0.101	pCi/L	102	5E - 12E	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	6	0.25.	0.258	1.00	0.444	pCi/L	04/02/21 15:03	04/12/21 13:3.	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			5.29	87E 2		1.04	1.00	0.415	pCi/L	115	5E - 12E		

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			5.29	87.58		1.0E	1.00	0.401	pCi/L	119	5E - 12E	0.70	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

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

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		

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: 3-30-21 1400	Company RDH	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Received by:	Date/Time:	Company
	3-30-21/1400	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, StPLouis

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

Autl ority	hrogram	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-22
ANAB	Dept. of Defense ELAP	L2305	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
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.

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 400-201416-1
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist
Revision: 1

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

Attn: Barry Evans

Authorized for release by:
4/21/2021 3:36:28 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Detection Summary 4
Method Summary 7
Sample Summary 8
Client Sample Results 9
Definitions 17
Chronicle 18
QC Association 22
QC Sample Results 26
Chain of Custody 35
Receipt Checklists 36
Certification Summary 37

Job ID: 400-201416-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201416-1

Metals

Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-201416-2), MW-304 (400-201416-3) and MW-308 (400-201416-5). 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): DUP-03 (400-201416-6). Reporting limits (RLs) are elevated as a result.

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.

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 sample associated with batch 400-526961 was outside control limits: (400-201463-B-1-A 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).

Method 7470A: The method blank for preparation batch 400-526122 and 400-526285 and analytical batch 400-526442contained Mercury above the method detection limit. This target analyte concentration was less than the practical quantitation limit (PQL); therefore, re-extraction and 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-304 (400-201416-3) and MW-308 (400-201416-5). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-201416-2), MW-304 (400-201416-3) and MW-308 (400-201416-5). Elevated reporting limits (RLs) are provided.

Detection Summary

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: MW-300 — Lab Sample ID: 400-201416-1

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	0.046	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	0.30		0.25	0.13	mg/L	5		6020	Total Recoverable
Lead	0.00039	I	0.0013	0.00029	mg/L	5		6020	Total Recoverable
Lithium	0.0036	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Mercury	0.00019	I	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	48		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	8.4		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	18		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.69				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-303 — Lab Sample ID: 400-201416-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.068		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	3.5		1.0	0.36	mg/L	100		6020	Total Recoverable
Calcium	97		5.0	2.5	mg/L	100		6020	Total Recoverable
Chromium	0.0014	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.022	V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Molybdenum	0.49		0.015	0.0045	mg/L	5		6020	Total Recoverable
Selenium	0.0040		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00022	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	600		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	48		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.26	J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	320		100	28	mg/L	20		SM 4500 SO4 E	Total/NA
Field pH	6.46				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-304 — Lab Sample ID: 400-201416-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00062	I V	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.055		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	3.2		1.0	0.36	mg/L	100		6020	Total Recoverable
Calcium	170		5.0	2.5	mg/L	100		6020	Total Recoverable
Cobalt	0.0079		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0027	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-304 (Continued) — Lab Sample ID: 400-201416-3

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
Mercury	0.00012	I	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	1200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	71		4.0	2.8	mg/L	2		SM 4500 Cl- E	Total/NA
Fluoride	0.040	I J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	750		130	35	mg/L	25		SM 4500 SO4 E	Total/NA
Field pH	5.81				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-305 — Lab Sample ID: 400-201416-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00048	I V	0.0013	0.00039	mg/L	5		6020	Total Recoverable
Barium	0.017		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.035	I	0.050	0.018	mg/L	5		6020	Total Recoverable
Calcium	0.61		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.0025	I V	0.0050	0.0019	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	52		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	7.4		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	1.9	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.83				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-308 — Lab Sample ID: 400-201416-5

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	5.1		1.0	0.36	mg/L	100		6020	Total Recoverable
Calcium	73		5.0	2.5	mg/L	100		6020	Total Recoverable
Selenium	0.0027		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00019	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Mercury	0.00042		0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	560		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	96		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.19	J3	0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	190		100	28	mg/L	20		SM 4500 SO4 E	Total/NA
Field pH	6.55				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-03 — Lab Sample ID: 400-201416-6

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	0.048	I	0.050	0.018	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.

Client Sample ID: DUP-03 (Continued) — Lab Sample ID: 400-201416-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	0.30		0.25	0.13	mg/L	5		6020	Total Recoverable
Chloride	9.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.69				SU	1		Field Sampling	Total/NA

Client Sample ID: FB-02 — Lab Sample ID: 400-201416-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00047	I V	0.0025	0.00028	mg/L	5		6020	Total Recoverable

Client Sample ID: EB-02 — Lab Sample ID: 400-201416-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0061	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: 400-201416-1
SDG: Downgradient C

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 400-201416-1
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201416-1	MW-300	Water	03/31/21 13:00	04/01/21 14:17	
400-201416-2	MW-303	Water	04/01/21 09:38	04/01/21 14:17	
400-201416-3	MW-304	Water	04/01/21 10:40	04/01/21 14:17	
400-201416-4	MW-305	Water	04/01/21 12:30	04/01/21 14:17	
400-201416-5	MW-308	Water	04/01/21 08:45	04/01/21 14:17	
400-201416-6	DUP-03	Water	03/31/21 12:00	04/01/21 14:17	
400-201416-7	FB-02	Water	04/01/21 09:00	04/01/21 14:17	
400-201416-8	EB-02	Water	04/01/21 09:45	04/01/21 14:17	

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: MW-300

Date Collected: 03/31/21 13:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-1

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 18:59	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 18:59	5
Barium	**0.012**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:38	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 18:59	5
Boron	**0.046**	**I**	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 18:59	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 18:59	5
Calcium	**0.30**		0.25	0.13	mg/L		04/08/21 10:21	04/08/21 18:59	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 18:59	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 18:59	5
Lead	**0.00039**	**I**	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 18:59	5
Lithium	**0.0036**	**I V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 18:59	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 18:59	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 18:59	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 18:59	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00019**	**I**	0.00020	0.000070	mg/L		04/05/21 08:10	04/05/21 13:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**48**		5.0	5.0	mg/L			04/03/21 12:56	1
Chloride	**8.4**		2.0	1.4	mg/L			04/11/21 23:40	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:32	1
Sulfate	**18**		5.0	1.4	mg/L			04/12/21 01:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.69**				SU			03/31/21 13:00	1

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: MW-303

Date Collected: 04/01/21 09:38
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-2

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 19:03	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 19:03	5
Barium	**0.068**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:42	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:03	5
Boron	**3.5**		1.0	0.36	mg/L		04/08/21 10:21	04/09/21 16:46	100
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:03	5
Calcium	**97**		5.0	2.5	mg/L		04/08/21 10:21	04/09/21 16:46	100
Chromium	**0.0014**	**I**	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 19:03	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:03	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:03	5
Lithium	**0.022**	**V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:03	5
Molybdenum	**0.49**		0.015	0.0045	mg/L		04/08/21 10:21	04/09/21 16:42	5
Selenium	**0.0040**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:03	5
Thallium	**0.00022**	**I**	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:03	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 13:13	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**600**		5.0	5.0	mg/L			04/06/21 15:43	1
Chloride	**48**		2.0	1.4	mg/L			04/11/21 20:57	1
Fluoride	**0.26**	**J3**	0.10	0.032	mg/L			04/16/21 12:19	1
Sulfate	**320**		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	**6.46**				SU			04/01/21 09:38	1

Client Sample Results

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: MW-304

Date Collected: 04/01/21 10:40
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-3

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 19:07	5
Arsenic	**0.00062**	**I V**	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 19:07	5
Barium	**0.055**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:49	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:07	5
Boron	**3.2**		1.0	0.36	mg/L		04/08/21 10:21	04/09/21 16:53	100
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:07	5
Calcium	**170**		5.0	2.5	mg/L		04/08/21 10:21	04/09/21 16:53	100
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 19:07	5
Cobalt	**0.0079**		0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:07	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:07	5
Lithium	**0.0027**	**I V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:07	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 19:07	5
Selenium	**0.0038**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:07	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:07	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00012**	**I**	0.00020	0.000070	mg/L		04/05/21 08:10	04/05/21 13:15	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1200**		5.0	5.0	mg/L			04/06/21 15:43	1
Chloride	**71**		4.0	2.8	mg/L			04/11/21 21:44	2
Fluoride	**0.040**	**I J3**	0.10	0.032	mg/L			04/16/21 12:23	1
Sulfate	**750**		130	35	mg/L			04/12/21 02:07	25

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.81**				SU			04/01/21 10:40	1

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: MW-305

Date Collected: 04/01/21 12:30
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-4

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 19:11	5
Arsenic	**0.00048**	**I V**	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 19:11	5
Barium	**0.017**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 16:57	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:11	5
Boron	**0.035**	**I**	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 19:11	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:11	5
Calcium	**0.61**		0.25	0.13	mg/L		04/08/21 10:21	04/08/21 19:11	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 19:11	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:11	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:11	5
Lithium	**0.0025**	**I V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:11	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 19:11	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:11	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:11	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 13:21	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**52**		5.0	5.0	mg/L			04/06/21 15:43	1
Chloride	**7.4**		2.0	1.4	mg/L			04/11/21 21:02	1
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 12:26	1
Sulfate	**1.9**	**I**	5.0	1.4	mg/L			04/12/21 01:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.83**				SU			04/01/21 12:30	1

Client Sample Results

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: MW-308

Date Collected: 04/01/21 08:45
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-5

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 19:15	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 19:15	5
Barium	**0.031**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 17:01	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:15	5
Boron	**5.1**		1.0	0.36	mg/L		04/08/21 10:21	04/09/21 17:05	100
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:15	5
Calcium	**73**		5.0	2.5	mg/L		04/08/21 10:21	04/09/21 17:05	100
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 19:15	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:15	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:15	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:15	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 19:15	5
Selenium	**0.0027**		0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:15	5
Thallium	**0.00019**	**I**	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:15	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00042**		0.00020	0.000070	mg/L		04/05/21 08:10	04/05/21 13:22	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**560**		5.0	5.0	mg/L			04/06/21 15:43	1
Chloride	**96**		10	7.0	mg/L			04/11/21 21:44	5
Fluoride	**0.19**	**J3**	0.10	0.032	mg/L			04/16/21 12:29	1
Sulfate	**190**		100	28	mg/L			04/12/21 02:10	20

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.55**				SU			04/01/21 08:45	1

Client Sample ID: DUP-03
Date Collected: 03/31/21 12:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-6
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 10:21	04/08/21 19:19	5
Arsenic	0.00078	U	0.0025	0.00078	mg/L		04/08/21 10:21	04/09/21 17:20	10
Barium	**0.011**		0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 17:16	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:19	5
Boron	**0.048**	**I**	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 19:19	5
Cadmium	**0.00031**	**I**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:19	5
Calcium	**0.30**		0.25	0.13	mg/L		04/08/21 10:21	04/08/21 19:19	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 19:19	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:19	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:19	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:19	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 19:19	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:19	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:19	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 13:24	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			04/03/21 12:56	1
Chloride	**9.1**		2.0	1.4	mg/L			04/11/21 23:31	1
Fluoride	0.032	U	0.10	0.032	mg/L			04/15/21 12:36	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/21 01:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.69**				SU			03/31/21 12:00	1

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: FB-02

Date Collected: 04/01/21 09:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-7

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 10:21	04/08/21 19:39	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 19:39	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 19:18	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:39	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 19:39	5
Cadmium	**0.00047**	**I V**	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:39	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 10:21	04/08/21 19:39	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/08/21 19:39	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:39	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:39	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:39	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 19:39	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:39	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:39	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 13:26	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 21:03	1
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 12:33	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/21 01:40	1

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: EB-02

Date Collected: 04/01/21 09:45
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-8

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 10:21	04/08/21 19:43	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		04/08/21 10:21	04/08/21 19:43	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 19:22	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		04/08/21 10:21	04/08/21 19:43	5
Boron	0.018	U	0.050	0.018	mg/L		04/08/21 10:21	04/08/21 19:43	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		04/08/21 10:21	04/08/21 19:43	5
Calcium	0.13	U	0.25	0.13	mg/L		04/08/21 10:21	04/09/21 19:22	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/08/21 10:21	04/09/21 19:22	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/08/21 10:21	04/08/21 19:43	5
Lead	0.00029	U	0.0013	0.00029	mg/L		04/08/21 10:21	04/08/21 19:43	5
Lithium	**0.0061**	**V**	0.0050	0.0019	mg/L		04/08/21 10:21	04/08/21 19:43	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		04/08/21 10:21	04/08/21 19:43	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/08/21 10:21	04/08/21 19:43	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		04/08/21 10:21	04/08/21 19:43	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 13:28	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			04/06/21 15:43	1
Chloride	1.4	U	2.0	1.4	mg/L			04/11/21 23:40	1
Fluoride	0.032	U J3	0.10	0.032	mg/L			04/16/21 12:36	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/21 01:40	1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

General Chemistry

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

Glossary

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

Lab Chronicle

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: MW-300
Date Collected: 03/31/21 13:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-1
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 18:59	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 16:38	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:06	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526228	04/03/21 12:56	DEK	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527150	04/11/21 23:40	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527753	04/15/21 12:32	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527151	04/12/21 01:36	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	03/31/21 13:00	EHS	TAL PEN

Client Sample ID: MW-303
Date Collected: 04/01/21 09:38
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-2
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 19:03	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 16:42	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 16:46	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:13	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526536	04/06/21 15:43	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527149	04/11/21 20:57	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:19	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 09:38	EHS	TAL PEN

Client Sample ID: MW-304
Date Collected: 04/01/21 10:40
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-3
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 19:07	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 16:49	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 16:53	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:15	NET	TAL PEN

Client Sample ID: MW-304

Lab Sample ID: 400-201416-3

Date Collected: 04/01/21 10:40

Matrix: Water

Date Received: 04/01/21 14:17

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		2	527149	04/11/21 21:44	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:23	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		25	527151	04/12/21 02:07	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 10:40	EHS	TAL PEN

Client Sample ID: MW-305

Lab Sample ID: 400-201416-4

Date Collected: 04/01/21 12:30

Matrix: Water

Date Received: 04/01/21 14:17

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 19:11	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 16:57	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:21	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526536	04/06/21 15:43	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527149	04/11/21 21:02	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:26	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527151	04/12/21 01:40	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 12:30	EHS	TAL PEN

Client Sample ID: MW-308

Lab Sample ID: 400-201416-5

Date Collected: 04/01/21 08:45

Matrix: Water

Date Received: 04/01/21 14:17

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 19:15	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 17:01	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 17:05	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:22	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526536	04/06/21 15:43	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	527149	04/11/21 21:44	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:29	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		20	527151	04/12/21 02:10	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	04/01/21 08:45	EHS	TAL PEN

Client Sample ID: DUP-03
Date Collected: 03/31/21 12:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-6
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 19:19	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 17:16	LDC	TAL PEN
Total Recoverable	Prep	3005A			526797	04/08/21 10:21	NET	TAL PEN
Total Recoverable	Analysis	6020		10	527142	04/09/21 17:20	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:24	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526228	04/03/21 12:56	DEK	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	527753	04/15/21 12:36	CAC	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527151	04/12/21 01:36	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	527582	03/31/21 12:00	EHS	TAL PEN

Client Sample ID: FB-02
Date Collected: 04/01/21 09:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-7
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 19:39	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 19:18	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:26	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	527149	04/11/21 21:03	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:33	DHW	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	527151	04/12/21 01:40	DN1	TAL PEN

Client Sample ID: EB-02
Date Collected: 04/01/21 09:45
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-8
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 19:43	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 19:22	LDC	TAL PEN
Total/NA	Prep	7470A			526122	04/05/21 08:10	NET	TAL PEN
Total/NA	Analysis	7470A		1	526442	04/05/21 13:28	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	526536	04/06/21 15:43	CAC	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	527150	04/11/21 23:40	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	527934	04/16/21 12:36	DHW	TAL PEN

Lab Chronicle

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

Job ID: 400-201416-1
SDG: Downgradient C

Client Sample ID: EB-02
Date Collected: 04/01/21 09:45
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		1	527151	04/12/21 01:40	DN1	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 527L22

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	MotaldTs	/ ater	R4R0s	
400-201413-2	W/ -707	MotaldTs	/ ater	R4R0s	
400-201413-7	W/ -704	MotaldTs	/ ater	R4R0s	
400-201413-4	W/ -70N	MotaldTs	/ ater	R4R0s	
400-201413-N	W/ -708	MotaldTs	/ ater	R4R0s	
400-201413-3	D5P-07	MotaldTs	/ ater	R4R0s	
400-201413-R	6U-02	MotaldTs	/ ater	R4R0s	
400-201413-8	hU-02	MotaldTs	/ ater	R4R0s	
WU 400-N23122d14-s	WetLoc UlanF	MotaldTs	/ ater	R4R0s	
xCS 400-N23122d1N-s	xab Control Sample	MotaldTs	/ ater	R4R0s	
400-201413-1 WS	W/ -700	MotaldTs	/ ater	R4R0s	
400-201413-1 WSD	W/ -700	MotaldTs	/ ater	R4R0s	

Analysis Batch: 527992

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	MotaldTs	/ ater	R4R0s	N23122
400-201413-2	W/ -707	MotaldTs	/ ater	R4R0s	N23122
400-201413-7	W/ -704	MotaldTs	/ ater	R4R0s	N23122
400-201413-4	W/ -70N	MotaldTs	/ ater	R4R0s	N23122
400-201413-N	W/ -708	MotaldTs	/ ater	R4R0s	N23122
400-201413-3	D5P-07	MotaldTs	/ ater	R4R0s	N23122
400-201413-R	6U-02	MotaldTs	/ ater	R4R0s	N23122
400-201413-8	hU-02	MotaldTs	/ ater	R4R0s	N23122
WU 400-N23122d14-s	WetLoc UlanF	MotaldTs	/ ater	R4R0s	N23122
xCS 400-N23122d1N-s	xab Control Sample	MotaldTs	/ ater	R4R0s	N23122
400-201413-1 WS	W/ -700	MotaldTs	/ ater	R4R0s	N23122
400-201413-1 WSD	W/ -700	MotaldTs	/ ater	R4R0s	N23122

Prep Batch: 527464

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	Motal Aegoverable	/ ater	700Ns	
400-201413-2	W/ -707	Motal Aegoverable	/ ater	700Ns	
400-201413-7	W/ -704	Motal Aegoverable	/ ater	700Ns	
400-201413-4	W/ -70N	Motal Aegoverable	/ ater	700Ns	
400-201413-N	W/ -708	Motal Aegoverable	/ ater	700Ns	
400-201413-3	D5P-07	Motal Aegoverable	/ ater	700Ns	
WU 400-N23R^Rd1-s EN	WetLoc UlanF	Motal Aegoverable	/ ater	700Ns	
xCS 400-N23R^Rd2-s EN	xab Control Sample	Motal Aegoverable	/ ater	700Ns	
400-2017^4-G-1-U WS EN	Watri, SpiFe	Motal Aegoverable	/ ater	700Ns	
400-2017^4-G-1-C WSD EN	Watri, SpiFe Dupligate	Motal Aegoverable	/ ater	700Ns	

Prep Batch: 527463

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-R	6U-02	Motal Aegoverable	/ ater	700Ns	
400-201413-8	hU-02	Motal Aegoverable	/ ater	700Ns	
WU 400-N23R^8d1-s EN	WetLoc UlanF	Motal Aegoverable	/ ater	700Ns	
xCS 400-N23R^8d2-s EN	xab Control Sample	Motal Aegoverable	/ ater	700Ns	
400-201437-U-1-U WS EN	Watri, SpiFe	Motal Aegoverable	/ ater	700Ns	
400-201437-U-1-C WSD EN	Watri, SpiFe Dupligate	Motal Aegoverable	/ ater	700Ns	

QC Association Summary

Client: Gulf Power Company
Proleg tdSite: CCA Plant Crij t

Job ID: 400-201413-1
SDG: DownBracient C

Metals

Analysis Batch: 52767L

bal Sample D	Client Sample D	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-2	W/ -707	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-7	W/ -704	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-4	W/ -70N	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-N	W/ -708	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-3	D5 P-07	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-R	6U-02	Mbtal Aegoverable	/ ater	3020	N23R^8
400-201413-8	hU-02	Mbtal Aegoverable	/ ater	3020	N23R^8
WU 400-N23R^Rd1-s EN	WetLoc UlanF	Mbtal Aegoverable	/ ater	3020	N23R^R
WU 400-N23R^8d1-s EN	WetLoc UlanF	Mbtal Aegoverable	/ ater	3020	N23R^8
xCS 400-N23R^Rd2-s EN	xab Control Sample	Mbtal Aegoverable	/ ater	3020	N23R^R
xCS 400-N23R^8d2-s EN	xab Control Sample	Mbtal Aegoverable	/ ater	3020	N23R^8
400-2017^4-G-1-U WS EN	Watri, SpiFe	Mbtal Aegoverable	/ ater	3020	N23R^R
400-2017^4-G-1-C WSD EN	Watri, SpiFe Dupligate	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201437-U-1-U WS EN	Watri, SpiFe	Mbtal Aegoverable	/ ater	3020	N23R^8
400-201437-U-1-C WSD EN	Watri, SpiFe Dupligate	Mbtal Aegoverable	/ ater	3020	N23R^8

Analysis Batch: 524L92

bal Sample D	Client Sample D	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-2	W/ -707	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-2	W/ -707	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-7	W/ -704	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-7	W/ -704	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-4	W/ -70N	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-N	W/ -708	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-N	W/ -708	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-3	D5 P-07	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-3	D5 P-07	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201413-R	6U-02	Mbtal Aegoverable	/ ater	3020	N23R^8
400-201413-8	hU-02	Mbtal Aegoverable	/ ater	3020	N23R^8
WU 400-N23R^Rd1-s EN	WetLoc UlanF	Mbtal Aegoverable	/ ater	3020	N23R^R
WU 400-N23R^8d1-s EN	WetLoc UlanF	Mbtal Aegoverable	/ ater	3020	N23R^8
xCS 400-N23R^Rd2-s EN	xab Control Sample	Mbtal Aegoverable	/ ater	3020	N23R^R
xCS 400-N23R^8d2-s EN	xab Control Sample	Mbtal Aegoverable	/ ater	3020	N23R^8
400-2017^4-G-1-U WS EN	Watri, SpiFe	Mbtal Aegoverable	/ ater	3020	N23R^R
400-2017^4-G-1-C WSD EN	Watri, SpiFe Dupligate	Mbtal Aegoverable	/ ater	3020	N23R^R
400-201437-U-1-U WS EN	Watri, SpiFe	Mbtal Aegoverable	/ ater	3020	N23R^8
400-201437-U-1-C WSD EN	Watri, SpiFe Dupligate	Mbtal Aegoverable	/ ater	3020	N23R^8

(eneral Chemistry

Analysis Batch: 527223

bal Sample D	Client Sample D	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	MbtaldTs	/ ater	SW 2N40C	
400-201413-3	D5 P-07	MbtaldTs	/ ater	SW 2N40C	
WU 400-N23228d1	WetLoc UlanF	MbtaldTs	/ ater	SW 2N40C	
xCS 400-N23228d2	xab Control Sample	MbtaldTs	/ ater	SW 2N40C	
400-2017^4-6-R D5	Dupligate	MbtaldTs	/ ater	SW 2N40C	

QC Association Summary

Client: Gulf Power Company
Prolegtd Site: CCA Plant Crij t

Job ID: 400-201413-1
SDG: DownBracient C

(eneral Chemistry

Analysis Batch: 5275) 7

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-2	W/ -707	MotaldTs	/ ater	SW 2N40C	
400-201413-7	W/ -704	MotaldTs	/ ater	SW 2N40C	
400-201413-4	W/ -70N	MotaldTs	/ ater	SW 2N40C	
400-201413-N	W/ -708	MotaldTs	/ ater	SW 2N40C	
400-201413-8	hU-02	MotaldTs	/ ater	SW 2N40C	
WU 400-N23N73d1	WetLoc UlanF	MotaldTs	/ ater	SW 2N40C	
xCS 400-N23N73d2	xab Control Sample	MotaldTs	/ ater	SW 2N40C	
400-201748-s-1 D5	Dupligate	MotaldTs	/ ater	SW 2N40C	

Analysis Batch: 527409

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-R	6U-02	MotaldTs	/ ater	SW 2N40C	
WU 400-N23R04d1	WetLoc UlanF	MotaldTs	/ ater	SW 2N40C	
xCS 400-N23R04d2	xab Control Sample	MotaldTs	/ ater	SW 2N40C	
400-201414-s-1 D5	Dupligate	MotaldTs	/ ater	SW 2N40C	

Analysis Batch: 524L96

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-2	W/ -707	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-7	W/ -704	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-4	W/ -70N	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-N	W/ -708	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-R	6U-02	MotaldTs	/ ater	SW 4N00 Cl- h	
WU 400-N2R14^d8	WetLoc UlanF	MotaldTs	/ ater	SW 4N00 Cl- h	
xCS 400-N2R14^dR	xab Control Sample	MotaldTs	/ ater	SW 4N00 Cl- h	
WAx 400-N2R14^d7	xab Control Sample	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201777-U-N WS	Watri, SpiFe	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201777-U-N WSD	Watri, SpiFe Dupligate	MotaldTs	/ ater	SW 4N00 Cl- h	

Analysis Batch: 524L50

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-3	D5 P-07	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-8	hU-02	MotaldTs	/ ater	SW 4N00 Cl- h	
WU 400-N2R1N0d8	WetLoc UlanF	MotaldTs	/ ater	SW 4N00 Cl- h	
xCS 400-N2R1N0dR	xab Control Sample	MotaldTs	/ ater	SW 4N00 Cl- h	
WAx 400-N2R1N0d7	xab Control Sample	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-3 WS	D5 P-07	MotaldTs	/ ater	SW 4N00 Cl- h	
400-201413-3 WSD	D5 P-07	MotaldTs	/ ater	SW 4N00 Cl- h	

Analysis Batch: 524L5L

bal Sample ID	Client Sample ID	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-2	W/ -707	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-7	W/ -704	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-4	W/ -70N	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-N	W/ -708	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-3	D5 P-07	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-R	6U-02	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-8	hU-02	MotaldTs	/ ater	SW 4N00 SO4 h	
WU 400-N2R1N1d8	WetLoc UlanF	MotaldTs	/ ater	SW 4N00 SO4 h	

QC Association Summary

Client: Gulf Power Company
Prolegto Site: CCA Plant Crij t

Job ID: 400-201413-1
SDG: DownBracient C

(eneral Chemistry G Continue81

Analysis Batch: 524L5L G Continue81

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
xCS 400-N2R1N1dR	xab Control Sample	MotaldTs	/ ater	SW 4N00 SO4 h	
WAx 400-N2R1N1d7	xab Control Sample	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-4 WS	W/ -70N	MotaldTs	/ ater	SW 4N00 SO4 h	
400-201413-4 WSD	W/ -70N	MotaldTs	/ ater	SW 4N00 SO4 h	

Analysis Batch: 52445)

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	MotaldTs	/ ater	SW 4N00 6 C	
400-201413-3	D5 P-07	MotaldTs	/ ater	SW 4N00 6 C	
WU 400-N2RRN7d7	WetLoc UlanF	MotaldTs	/ ater	SW 4N00 6 C	
xCS 400-N2RRN7d8	xab Control Sample	MotaldTs	/ ater	SW 4N00 6 C	
400-201704-U-1 WS	Watri, SpiFe	MotaldTs	/ ater	SW 4N00 6 C	
400-201704-U-1 WSD	Watri, SpiFe Dupligate	MotaldTs	/ ater	SW 4N00 6 C	

Analysis Batch: 5246) 9

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-201413-2	W/ -707	MotaldTs	/ ater	SW 4N00 6 C	
400-201413-7	W/ -704	MotaldTs	/ ater	SW 4N00 6 C	
400-201413-4	W/ -70N	MotaldTs	/ ater	SW 4N00 6 C	
400-201413-N	W/ -708	MotaldTs	/ ater	SW 4N00 6 C	
400-201413-R	6U-02	MotaldTs	/ ater	SW 4N00 6 C	
400-201413-8	h U-02	MotaldTs	/ ater	SW 4N00 6 C	
WU 400-N2R^74d74	WetLoc UlanF	MotaldTs	/ ater	SW 4N00 6 C	
xCS 400-N2R^74d7N	xab Control Sample	MotaldTs	/ ater	SW 4N00 6 C	
400-201414-s -2 WS	Watri, SpiFe	MotaldTs	/ ater	SW 4N00 6 C	
400-201414-s -2 WSD	Watri, SpiFe Dupligate	MotaldTs	/ ater	SW 4N00 6 C	

Fiel8 Service / Mol ile bal

Analysis Batch: 524532

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-201413-1	W/ -700	MotaldTs	/ ater	6ielc SamplinB	
400-201413-2	W/ -707	MotaldTs	/ ater	6ielc SamplinB	
400-201413-7	W/ -704	MotaldTs	/ ater	6ielc SamplinB	
400-201413-4	W/ -70N	MotaldTs	/ ater	6ielc SamplinB	
400-201413-N	W/ -708	MotaldTs	/ ater	6ielc SamplinB	
400-201413-3	D5 P-07	MotaldTs	/ ater	6ielc SamplinB	

h urofinj Mej ts meriga9Penj agola

Page 25 of 37

4/21/2021 (Rev. 1)

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: MB 400-526797/1-A ^5
Matrix: Water
Analysis Batch: 527142

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
Barium	0.00070	U	0.0025	0.00070	mg/L		04/08/21 10:21	04/09/21 14:59	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

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

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: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-526122/14-A
Matrix: Water
Analysis Batch: 526442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 526122

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 13:02	1

Lab Sample ID: LCS 400-526122/15-A
Matrix: Water
Analysis Batch: 526442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 526122

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00101	0.000992		mg/L		99	80 - 120		

Lab Sample ID: 400-201416-1 MS
Matrix: Water
Analysis Batch: 526442

Client Sample ID: MW-300
Prep Type: Total/NA
Prep Batch: 526122

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.00019	I	0.00201	0.00201		mg/L		90	80 - 120		

Lab Sample ID: 400-201416-1 MSD
Matrix: Water
Analysis Batch: 526442

Client Sample ID: MW-300
Prep Type: Total/NA
Prep Batch: 526122

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00019	I	0.00201	0.00199		mg/L		89	80 - 120	1	20

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

Lab Sample ID: MB 400-526228/1
Matrix: Water
Analysis Batch: 526228

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			04/03/21 12:56	1

Lab Sample ID: LCS 400-526228/2
Matrix: Water
Analysis Batch: 526228

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-7 DU
Matrix: Water
Analysis Batch: 526228

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	520			522		mg/L				0.4	5

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

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: 400-201348-A-1 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	6700		6480		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

Lab Sample ID: 400-201414-A-1 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	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

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

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

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: 400-201416-6 MS
Matrix: Water
Analysis Batch: 527150

Client Sample ID: DUP-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	9.1		10.0	19.5		mg/L		104	73 - 120

Method: SM 4500 Cl- E - Chloride, Total

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

Client Sample ID: DUP-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9.1		10.0	19.3		mg/L		102	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-B-1 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	0.060	I V	1.00	1.05		mg/L		99	75 - 125

Lab Sample ID: 400-201304-B-1 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	0.060	I V	1.00	1.07		mg/L		101	75 - 125	2	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

Method: SM 4500 F C - Fluoride (Continued)

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

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	0.50	J3	1.00	1.42		mg/L		92	75 - 125		

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

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	0.50	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

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: 400-201416-4 MS
Matrix: Water
Analysis Batch: 527151

Client Sample ID: MW-305
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: 400-201416-4 MSD
Matrix: Water
Analysis Batch: 527151

Client Sample ID: MW-305
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: 400-101866-23629.1
Client Contact: Barry Evans	Phone: 850 386 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

400-201416 COC

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/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-300	3/31/21	1300	G	Water			X	X	X	X	X	X		
MW-303	4/1/21	0938		Water										
MW-304	4/1/21	1040		Water										
MW-305	4/1/21	1230		Water										
MW-308	4/1/21	0845		Water										
Dup-03	3/31/21	1200		Water										
FB-02	4/1/21	0900		water										
EB-02	4/1/21	0945	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: [signature]	Date/Time: 4/1/21 1417	Company: RDH	Received by: Kathy R Ainey	Date/Time: 4.1.21 1417	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: 2.7°C, 0.6°C IR9

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201416-1
SDG Number: Downgradient C

Login Number: 201416
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	2.7, 0.6°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: 400-201413-1
SDG: DownBrakient C

Laboratory: Eurofins TestAmerica, Pensacola

gll accrekitations/certifications delk by tdis laboratory are listekA h ot all accrekitations/certifications are applicable to tdis reportA

Authority	Program	Identification Number	Expiration Date
glabama	State	401. 0	03-N0-21
gh g5	IS6 /IOC 1E02.	724E1	02-2N-2N
griLona	State	gz 0E10	01-12-22
grZansas DOQ	State	88-0389	09-02-21
California	State	2. 10	03-N0-21
Florika	h O7gP	O81010	03-N0-21
GeorBia	State	O81010(F7)	03-N0-21
Illinois	h O7gP	200041	10-09-21
Iowa	State	N3E	08-01-22
Kansas	h O7gP	O-102. N	10-N1-21
KentucZy (UST)	State	. N	03-N0-21
KentucZy (WW)	State	KY980N0	12-N1-21
7ouisiana	h O7gP	N09E3	03-N0-21
7ouisiana (DW)	State	7g 01E	12-N1-21
Marylank	State	2NN	09-N0-21
Massacdusetts	State	M-F7094	03-N0-21
MicdiBan	State	9912	03-N0-21
h ew Jersey	h O7gP	F7003	03-N0-21
h ortd Carolina (WW/SW)	State	N14	12-N1-21
6 Zladoma	State	9810	08-N1-21
Pennsylvania	h O7gP	38-0043E	01-N1-22
Rdoke Islank	State	7g 6 00N0E	12-N0-21
Soutd Carolina	State	93023002	03-N0-21
Tennessee	State	Th 0290E	03-N0-21
Texas	h O7gP	T104E04283	09-N0-21
US Fisd & Wilklife	US Fekeral ProBrams	0. 8448	0E-N1-21
USDg	US Fekeral ProBrams	PNN0-21-000. 3	0. -1E-21
VirBinia	h O7gP	430133	03-14-21
WasdinBton	State	C91.	0. -1. -21
West VirBinia DOP	State	1N3	03-N0-21

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 400-201416-2
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

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

Attn: Barry Evans

Cheyenne Whitmire

Authorized for release by:
4/29/2021 3:51:38 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Method Summary 4
Sample Summary 5
Client Sample Results 6
Definitions 14
Chronicle 15
QC Association 17
QC Sample Results 18
Chain of Custody 20
Receipt Checklists 21
Certification Summary 23

Job ID: 400-201416-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-201416-2

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-300 (400-201416-1), MW-303 (400-201416-2), MW-304 (400-201416-3), MW-305 (400-201416-4), MW-308 (400-201416-5), DUP-03 (400-201416-6), FB-02 (400-201416-7), EB-02 (400-201416-8), (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-300 (400-201416-1), MW-303 (400-201416-2), MW-304 (400-201416-3), MW-305 (400-201416-4), MW-308 (400-201416-5), DUP-03 (400-201416-6), FB-02 (400-201416-7), EB-02 (400-201416-8), (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-300 (400-201416-1), MW-303 (400-201416-2), MW-304 (400-201416-3), MW-305 (400-201416-4), MW-308 (400-201416-5), DUP-03 (400-201416-6), FB-02 (400-201416-7) and EB-02 (400-201416-8). 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-300 (400-201416-1), MW-303 (400-201416-2), MW-304 (400-201416-3), MW-305 (400-201416-4), MW-308 (400-201416-5), DUP-03 (400-201416-6), FB-02 (400-201416-7) and EB-02 (400-201416-8). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method Summary

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

Job ID: 400-201416-2
SDG: Downgradient C

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

Protocol References:

None = None

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 400-201416-2
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-201416-1	MW-300	Water	03/31/21 13:00	04/01/21 14:17	
400-201416-2	MW-303	Water	04/01/21 09:38	04/01/21 14:17	
400-201416-3	MW-304	Water	04/01/21 10:40	04/01/21 14:17	
400-201416-4	MW-305	Water	04/01/21 12:30	04/01/21 14:17	
400-201416-5	MW-308	Water	04/01/21 08:45	04/01/21 14:17	
400-201416-6	DUP-03	Water	03/31/21 12:00	04/01/21 14:17	
400-201416-7	FB-02	Water	04/01/21 09:00	04/01/21 14:17	
400-201416-8	EB-02	Water	04/01/21 09:45	04/01/21 14:17	

Client Sample ID: MW-300

Date Collected: 03/31/21 13:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-1

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	0.554		0.135	0.144	1.00	0.0977	pCi/L	04/05/21 16:08	04/28/21 11:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*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	3.89		0.504	0.618	1.00	0.391	pCi/L	04/05/21 16:42	04/15/21 14:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:20*	*1*
Y Carrier	*86.0*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:20*	*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	4.44		0.522	0.635	5.00	0.391	pCi/L		04/28/21 22:02	1

Client Sample ID: MW-303

Date Collected: 04/01/21 09:38
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-2

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	0.847		0.166	0.183	1.00	0.102	pCi/L	04/05/21 16:08	04/28/21 11:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*40 - 110*	*04/05/21 16:08*	*04/28/21 11:02*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.46		0.621	0.799	1.00	0.521	pCi/L	04/05/21 16:42	04/15/21 14:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:20*	*1*
Y Carrier	*86.0*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:20*	*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	6.31		0.643	0.820	5.00	0.521	pCi/L		04/28/21 22:02	1

Client Sample ID: MW-304

Date Collected: 04/01/21 10:40
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-3

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	2.23		0.256	0.325	1.00	0.0919	pCi/L	04/05/21 16:08	04/28/21 11:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*40 - 110*	*04/05/21 16:08*	*04/28/21 11:02*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.56		0.527	0.673	1.00	0.391	pCi/L	04/05/21 16:42	04/15/21 14:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:21*	*1*
Y Carrier	*87.5*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:21*	*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	6.79		0.586	0.747	5.00	0.391	pCi/L		04/28/21 22:02	1

Client Sample ID: MW-305

Date Collected: 04/01/21 12:30
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-4

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	0.451		0.122	0.128	1.00	0.100	pCi/L	04/05/21 16:08	04/28/21 16:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.5*		*40 - 110*	*04/05/21 16:08*	*04/28/21 16:15*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.779		0.311	0.320	1.00	0.430	pCi/L	04/05/21 16:42	04/15/21 14:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.5*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:21*	*1*
Y Carrier	*86.4*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:21*	*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	1.23		0.334	0.345	5.00	0.430	pCi/L		04/28/21 22:02	1

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

Job ID: 400-201416-2
SDG: Downgradient C

Client Sample ID: MW-308
Date Collected: 04/01/21 08:45
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-5
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	0.935		0.171	0.191	1.00	0.107	pCi/L	04/05/21 16:08	04/28/21 16:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.0*		*40 - 110*	*04/05/21 16:08*	*04/28/21 16:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.33		0.373	0.393	1.00	0.476	pCi/L	04/05/21 16:42	04/15/21 14:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.0*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:21*	*1*
Y Carrier	*87.1*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:21*	*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	2.27		0.410	0.437	5.00	0.476	pCi/L		04/28/21 22:02	1

Client Sample ID: DUP-03

Date Collected: 03/31/21 12:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-6

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	0.668		0.150	0.161	1.00	0.107	pCi/L	04/05/21 16:08	04/28/21 16:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*40 - 110*	*04/05/21 16:08*	*04/28/21 16:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.29		0.546	0.674	1.00	0.477	pCi/L	04/05/21 16:42	04/15/21 14:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:22*	*1*
Y Carrier	*88.6*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:22*	*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	4.96		0.566	0.693	5.00	0.477	pCi/L		04/28/21 22:02	1

Client Sample ID: FB-02

Date Collected: 04/01/21 09:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-7

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	0.0273	U	0.0631	0.0632	1.00	0.115	pCi/L	04/05/21 16:08	04/28/21 16:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*40 - 110*	*04/05/21 16:08*	*04/28/21 16:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.137	U	0.273	0.273	1.00	0.465	pCi/L	04/05/21 16:42	04/15/21 14:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:22*	*1*
Y Carrier	*92.0*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:22*	*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	0.165	U	0.280	0.280	5.00	0.465	pCi/L		04/28/21 22:02	1

Client Sample ID: EB-02

Date Collected: 04/01/21 09:45
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-8

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	-0.0150	U	0.0478	0.0478	1.00	0.109	pCi/L	04/05/21 16:08	04/28/21 16:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*40 - 110*	*04/05/21 16:08*	*04/28/21 16:16*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.251	U	0.285	0.286	1.00	0.469	pCi/L	04/05/21 16:42	04/15/21 14:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:22*	*1*
Y Carrier	*86.7*		*40 - 110*	*04/05/21 16:42*	*04/15/21 14:22*	*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	0.236	U	0.289	0.290	5.00	0.469	pCi/L		04/28/21 22:02	1

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

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

Job ID: 400-201416-2
SDG: Downgradient C

Client Sample ID: MW-300
Date Collected: 03/31/21 13:00
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-1
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	505784	04/15/21 14:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: MW-303
Date Collected: 04/01/21 09:38
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-2
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 11:02	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 14:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: MW-304
Date Collected: 04/01/21 10:40
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-3
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 11:02	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 14:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: MW-305
Date Collected: 04/01/21 12:30
Date Received: 04/01/21 14:17

Lab Sample ID: 400-201416-4
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	507515	04/28/21 16:15	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 14:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: MW-308
Lab Sample ID: 400-201416-5

Date Collected: 04/01/21 08:45
Matrix: Water
Date Received: 04/01/21 14:17

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	507515	04/28/21 16:16	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 14:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: DUP-03
Lab Sample ID: 400-201416-6

Date Collected: 03/31/21 12:00
Matrix: Water
Date Received: 04/01/21 14:17

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	507515	04/28/21 16:16	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 14:22	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: FB-02
Lab Sample ID: 400-201416-7

Date Collected: 04/01/21 09:00
Matrix: Water
Date Received: 04/01/21 14:17

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	507515	04/28/21 16:16	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 14:22	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	507530	04/28/21 22:02	GRW	TAL SL

Client Sample ID: EB-02
Lab Sample ID: 400-201416-8

Date Collected: 04/01/21 09:45
Matrix: Water
Date Received: 04/01/21 14:17

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	507515	04/28/21 16:16	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 14:22	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

Rad

Prep Batch: 504273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-201416-1	MW-300	Total/NA	Water	PrecSep-21	
400-201416-2	MW-303	Total/NA	Water	PrecSep-21	
400-201416-3	MW-304	Total/NA	Water	PrecSep-21	
400-201416-4	MW-305	Total/NA	Water	PrecSep-21	
400-201416-5	MW-308	Total/NA	Water	PrecSep-21	
400-201416-6	DUP-03	Total/NA	Water	PrecSep-21	
400-201416-7	FB-02	Total/NA	Water	PrecSep-21	
400-201416-8	EB-02	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
400-201416-1	MW-300	Total/NA	Water	PrecSep_0	
400-201416-2	MW-303	Total/NA	Water	PrecSep_0	
400-201416-3	MW-304	Total/NA	Water	PrecSep_0	
400-201416-4	MW-305	Total/NA	Water	PrecSep_0	
400-201416-5	MW-308	Total/NA	Water	PrecSep_0	
400-201416-6	DUP-03	Total/NA	Water	PrecSep_0	
400-201416-7	FB-02	Total/NA	Water	PrecSep_0	
400-201416-8	EB-02	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 160-504283/23-A
Matrix: Water
Analysis Batch: 508515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504283

Analyte	MB Result	MB Qualifier	Count z ncertf (27 σ/-)	Total z ncertf (27 σ/-)	RL	MDC	z nit	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	8.97		40 - 110	04/02/61 1:308	04/68/61 1:31.	1

Lab Sample ID: LCS 160-504283/1-A
Matrix: Water
Analysis Batch: 50852.

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504283

Analyte			Spike Added	LCS Result	LCS Qual	Total z ncertf (27 σ/-)	RL	MDC	z nit	%Rec	%Recf 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	829		40 - 110

Lab Sample ID: LCSD 160-504283/2-A
Matrix: Water
Analysis Batch: 50852.

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504283

Analyte			Spike Added	LCSD Result	LCSD Qual	Total z ncertf (27 σ/-)	RL	MDC	z nit	%Rec	%Recf 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	849l		40 - 110

Method: 9320 - Radium-22. (GFPC)

Lab Sample ID: MB 160-504286/23-A
Matrix: Water
Analysis Batch: 5058. 4

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504286

Analyte	MB Result	MB Qualifier	Count z ncertf (27 σ/-)	Total z ncertf (27 σ/-)	RL	MDC	z nit	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	8.97		40 - 110	04/02/61 1:346	04/12/61 1435Y	1
5 Carrier	8.97		40 - 110	04/02/61 1:346	04/12/61 1435Y	1

Method: 9320 - Radium-22. (GFPC) (Continued)

Lab Sample ID: LCS 160-504286/1-A
Matrix: Water
Analysis Batch: 505860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504286

Analyte			Spike Added	LCS Result	LCS Qual	Total z ncertf (27 σ/-)	RL	MDC	z nit	%Rec	%Recf 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	*829*		*40 - 110*
5 Carrier	*869*		*40 - 110*

Lab Sample ID: LCSD 160-504286/2-A
Matrix: Water
Analysis Batch: 505860

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504286

Analyte			Spike Added	LCSD Result	LCSD Qual	Total z ncertf (27 σ/-)	RL	MDC	z nit	%Rec	%Recf 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	*849*		*40 - 110*
5 Carrier	*869*		*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: 400-101866-23629.1
Client Contact: Barry Evans	Phone: 850 384 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

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:				D	N	N	D	N	N		
MW-300	3/31/21	1300	G	Water			Y	X	X	X	X	Y		
MW-303	4/1/21	0938		Water										
MW-304	4/1/21	1049		Water										
MW-305	4/1/21	1230		Water										
MW-308	4/1/21	0845		Water										
Dup-03	3/31/21	1200		Water										
FB-02	4/1/21	0900		Water										
EB-02	4/1/21	0945	G	Water			Y	X	X	X	X	X		

400-201416 COC

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	4/1/21 1417	RDH	[signature]	4.1.21 14:17	EEA
	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: 2.7°C, 0.6°C IR9

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-201416-2
SDG Number: Downgradient C

Login Number: 201416
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	2.7, 0.6°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: 400-201416-2
SDG Number: Downgradient C

Login Number: 201416
List Number: 2
Creator: O'Gara, Mallory L

List Source: Eurofins TestAmerica, St. Louis
List Creation: 04/03/21 09:33 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: 400-201413-2
SDG: DownBrakient C

Laboratory: Eurofins TestAmerica, StPLouis

gll accrekitations/certifications delk by tdis laboratory are listekA h ot all accrekitations/certifications are applicable to tdis reportA

Autl ority	hrogram	Identification Number	Expiration Date
glas. a N(SUT	State	20-001	0) -03-22
gh g5	DeptAof Defense 6 Eg P	E2L0)	04-03-22
gh g5	DeptAof 6 nerBy	E2L0) A01	04-03-22
gh g5	ISO/I6 C 1702)	E2L0)	04-03-22
grizona	State	gZ081L	12-08-21
California	Eos gnBeles County Sanitation Districts	102) 9	03-L0-21
California	State	2883	03-L0-21
Connecticut	State	PH-0241	0L-L1-21 *
Florika	h 6 Eg P	687389	03-L0-21
HI - RakCdem RecoBnition	State	n/a	03-L0-21
Illinois	h 6 Eg P	004)) L	11-L0-21
Iowa	State	L7L	12-01-22
Kansas	h 6 Eg P	6-102L3	10-L1-21
Kentuc. y NDWT	State	KY9012)	01-01-22
Kentuc. y NWWT	State	KY9012) NPermit KY0004049T	12-L1-21
Eouisiana	h 6 Eg P	04080	03-L0-21
Eouisiana NDWT	State	Eg011	12-L1-21
Marylank	State	L10	09-L0-21
MI - RakCdem RecoBnition	State	900)	03-L0-21
Missouri	State	780	03-L0-22
h evaka	State	MO000) 42020-1	07-L1-21
h ew Jersey	h 6 Eg P	MO002	03-L0-21
h ew Yor.	h 6 Eg P	11313	04-01-22
h ortd Da. ota	State	R-207	03-L0-21
h RC	h RC	24-24817-01	12-L1-22
O. ladoma	State	9997	08-L1-21
OreBon	h 6 Eg P	41) 7	09-01-21
Pennsylvania	h 6 Eg P	38-00) 40	0L-01-22
Soutd Carolina	State	8) 002001	03-L0-21
Uexas	h 6 Eg P	U10470419L	07-L1-21
(S Fisd & Wilklife	(S Fekeral ProBrams	0) 8448	07-L1-21
(SDg	(S Fekeral ProBrams	PLL0-17-00028	0L-11-2L
(tad	h 6 Eg P	MO000) 42019-11	07-L1-21
VirBinia	h 6 Eg P	10L10	03-14-21
WasdinBton	State	C) 92	08-L0-21
West VirBinia D6 P	State	L81	10-L1-21

* gccrekitation/Certification renewal penkinB - accrekitation/certification consikerek valikA

eurofins | Environment Testing America



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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Detection Summary 4
Method Summary 6
Sample Summary 7
Client Sample Results 8
Definitions 15
Chronicle 16
QC Association 19
QC Sample Results 22
Chain of Custody 28
Receipt Checklists 29
Certification Summary 30

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

i etiGu f Pewr omt pi oa ySGB
r poRgusc nut : i i Wr eSGui pn8u

Job ID: 400-20133C-I
c Df : k SgdApoPGj /

Method	Method Description	Protocol	Laboratory
(020	) t uSe8 Ti r s) c L	c 6 M4(	E/ Nr 7 V
1410/	) t pgPpB Ti 5/ / L	c 6 M4(	E/ Nr 7 V
c) 2, 40i	c oej 8 v EouSe Dn88oe ht j TEDc L	c)	E/ Nr 7 V
c) 4, 00 i e 7	i Feopnj t v EouSe	c)	E/ Nr 7 V
c) 4, 00 Oi	OePopnj t	c)	E/ Nr 7 V
c) 4, 00 c = 4 7	c PewSut v EouSe	c)	E/ Nr 7 V
Ont ej c Sa yeGA	Ont ej c Sa yeGA	7 r /	E/ Nr 7 V
C00, /	r pt y SpSuroGv EouSeWt goht pSbet op Dn88oe ht j) t uSe8	c 6 M4(	E/ Nr 7 V
1410/	r pt y SpSuroGv) t pgPpB	c 6 M4(	E/ Nr 7 V

Protocol References:

7 r / U " c 7 Ghnpo Ga t GuSer pout guroG/ At GgB

c) U xc uSGj Spj) t uFoj 8 Oop EFt 7 9Sa nGSuroG = w6 Sut p/ Gj 6 S8ut mSut px

c 6 M4(U xEt 8u) t uFoj 8 Oop 7 hSePSunGA c oej 6 S8ut vr FB8ngSesi Ft a ngSe) t uFoj 8xv EFnpj 7 j nuroGv Voht a bt pl 3M(/ Gj lu8 " yj Sut 8.

Laboratory References:

E/ Nr 7 V U 7 PpowGB Et 8u/ a t pngSvr t G8SgoeSvCC, ,) gNt a opt Dpnht vr t G8SgoeSvONC2, l 4vE7 NTM, 0L414-l 00l

7 PpowGB Et 8u/ a t pngSvr t G8SgoeS

Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
wrrmprayySmB	97mBrr	7nDI	rysrpspB4ry:w8	rysrSspB4B5:rw
wrrmprayySmp	97mBrB	7nDI	rysrpspB4r8:w8	rysrSspB4B5:rw
wrrmprayySmS	97mBra	7nDI	rysrpspB4BB:66	rysrSspB4B5:rw
wrrmprayySmw	97mBr8	7nDI	rysrpspB4ry:66	rysrSspB4B5:rw
wrrmprayySm6	97mSr5	7nDI	rysrpspB4Bw:Sr	rysrSspB4B5:rw
wrrmprayySm5	97mSra	7nDI	rysrpspB4Bp:pp	rysrSspB4B5:rw
wrrmprayySma	PU1mB	7nDI	rysrpspB4r8:66	rysrSspB4B5:rw

Client Sample ID: r x -W00
Date Cdlle/ te9: 03v02v2W03:4h
Date Re/ ei6e9: 03v0M2WW(:04

Lab Sample ID: 400-20133M-W
r atdc: x ateo

r etPd9: (020 - r etals)ICTvr SQ- Adtal Re/ d6ecable

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/12/21 15:40	09/16/21 23:37	5
Fœseni/	0500073	I	0.0013	0.00039	mg/L		09/12/21 15:40	09/16/21 23:37	5
Vadium	05020		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
Vdœdn	0502W	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
Cal/ ium	W0W		0.25	0.13	mg/L		09/12/21 15:40	09/16/21 23:37	5
CPœdmium	0500W4	I	0.0025	0.0010	mg/L		09/12/21 15:40	09/16/21 23:37	5
Cdbalt	05000(3	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
APallium	0500W7	I	0.00050	0.00012	mg/L		09/12/21 15:40	09/16/21 23:37	5

r etPd9: 1410F - r eo/ uœ)CGFFQ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:01	1

8 eneœal CPemistœ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Adtal Dissdl6e9 Sdli9s	40		5.0	5.0	mg/L			09/08/21 15:33	1
CPldœi9e	75h		2.0	1.4	mg/L			09/18/21 04:12	1
Uludœi9e	050h0	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

r etPd9: Uiel9 Sampling - Uiel9 Sampling

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Uiel9 pH	45hW				SU			09/02/21 09:48	1

Client Sample ID: r x -W0W
Date Cdlle/ te9: 03v02v2W0h:4h
Date Re/ ei6e9: 03v0M2WW(:04

Lab Sample ID: 400-20133M-2
r atdc: x ateo

r etPd9: (020 - r etals)ICTvr SQ- Adtal Re/ d6ecable

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
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
Vadum	**0500h3**		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
Cal/ ium	**05[M**		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

r etPd9: 1410F - r ed/ ucz)CGFFQ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:09	1

8 eneœal CPemistœ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Adtal Dissdl6e9 Sdli9s	**h50**		5.0	5.0	mg/L			09/08/21 15:33	1
CPldd9e	**75W**		2.0	1.4	mg/L			09/18/21 04:12	1
Uludd9e	**0540 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

r etPd9: Uiel9 Sampling - Uiel9 Sampling

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Uiel9 pH	**701**				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: r x -W01
Date Cdlle/ te9: 03\02\2WWW77
Date Re/ ei6e9: 03\0M2WW(:04

Lab Sample ID: 400-20133M-M
r atdc: x ateo

r etPd9: (020 - r etals)ICTvr SQ- Adtal Re/ d6ecable

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
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
Vadium	05DV2		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
Vdodn	05DVh	l	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
Cal/ ium	054	1	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

r etPd9: 1410F - r ed/ ucz)CGFFQ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:10	1

8 eneœal CPemistœ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Adtal Dissdl6e9 Sdli9s	W0		5.0	5.0	mg/L			09/08/21 15:33	1
CPldd9e	75W		2.0	1.4	mg/L			09/18/21 04:12	1
Uludd9e	05W0		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

r etPd9: Uiel9 Sampling - Uiel9 Sampling

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Uiel9 pH	45h1				SU			09/02/21 11:55	1

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: r x -W0h
Date Cdlle/ te9: 03v02v2W03:77
Date Re/ ei6e9: 03v0M2WW(:04

Lab Sample ID: 400-20133M-4
r atdc: x ateo

r etPd9: (020 - r etals)ICTvr SQ- Adtal Re/ d6ecable

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
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
Vadium	**05DWW**		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
Vdodn	**05022**	**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
Cal/ ium	**W57**		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

r etPd9: 1410F - r ed/ ucz)CGFFQ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:12	1

8 eneœal CPemistœ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Adtal Dissdl6e9 Sdli9s	**h50**		5.0	5.0	mg/L			09/08/21 15:33	1
CPldd9e	**752**		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
Sul.ate	**451**	**I**	5.0	1.4	mg/L			09/18/21 03:15	1

r etPd9: Uiel9 Sampling - Uiel9 Sampling

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Uiel9 pH	**4511**				SU			09/02/21 09:55	1

Client Sample Results

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

Job ID: 400-207993-1
SDG: Background A

Client Sample ID: r x -M0(
Date Cdlle/ te9: 03\02\2WW4:M0
Date Re/ ei6e9: 03\0M2WW(:04

Lab Sample ID: 400-20133M-7
r atdc: x ateo

r etPd9: (020 - r etals)ICTvr SQ- Adtal Re/ d6ecable

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpacœ9	Fnalzfe9	Dil Ua/
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
Vadium	**05W2**		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
Cal/ ium	**057(**		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

r etPd9: 1410F - r ed/ ucz)CGFFQ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpacœ9	Fnalzfe9	Dil Ua/
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:14	1

8 eneœal CPemistœ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpacœ9	Fnalzfe9	Dil Ua/
Adtal Dissdl6e9 Sdli9s	**W0**		5.0	5.0	mg/L			09/08/21 15:33	1
CPldd9e	**753**		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

r etPd9: Uiel9 Sampling - Uiel9 Sampling

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpacœ9	Fnalzfe9	Dil Ua/
Uiel9 pH	**4534**				SU			09/02/21 14:30	1

Client Sample ID: r x -M01

Date Cdlle/ te9: 03v02v2WW12:22
Date Re/ ei6e9: 03v0M2WW(:04

Lab Sample ID: 400-20133M-(

r atdc: x ateo

r etPd9: (020 - r etals)ICTvr SQ- Adtal Re/ d6ecable

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
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
Vadum	**05DW1**		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
Cal/ ium	**05 M**		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
Cdbalt	**05000(3**	**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

r etPd9: 1410F - r ed/ ucz)CGFFQ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:20	1

8 eneœal CPemistœ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			09/08/21 15:33	1
CPldd9e	**75W**		2.0	1.4	mg/L			09/18/21 04:12	1
Uludd9e	**05040**	**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

r etPd9: Uiel9 Sampling - Uiel9 Sampling

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Uiel9 pH	**75W(**				SU			09/02/21 12:22	1

Client Sample ID: DBT-0W

Date Cdlle/ te9: 03v02v2W0h:77
Date Re/ ei6e9: 03v0M2WW(:04

Lab Sample ID: 400-20133M-1

r atdc: x ateo

r etPd9: (020 - r etals)ICTvr SQ- Adtal Re/ d6ecable

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
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
Vadum	**05DWW**		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
Vdodn	**05020**	**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
Cal/ ium	**W67**		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

r etPd9: 1410F - r ed/ ucz)CGFFQ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/08/21 09:18	09/08/21 14:22	1

8 eneœal CPemistœ

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Adtal Dissdl6e9 Sdli9s	**W4**		5.0	5.0	mg/L			09/08/21 15:33	1
CPldci9e	**752**		2.0	1.4	mg/L			09/18/21 04:12	1
Uludci9e	**05040**	**I**	0.10	0.032	mg/L			09/07/21 12:20	1
Sul.ate	**453**	**I**	5.0	1.4	mg/L			09/18/21 03:15	1

r etPd9: Uiel9 Sampling - Uiel9 Sampling

Fnalzte	Result	y uali.ieo	Ty L	r DL	Bnit	D	Tœpaœ9	Fnalzfe9	Dil Ua/
Uiel9 pH	**4511**				SU			09/02/21 08:55	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.
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

Client Sample ID: MW-100

Lab Sample ID: 400-203xxd-1

Date Collecte9: 0xR02R21 0x:4v

Matri/ : Water

Date Teceiye9: 0xRodR21 1B:04

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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

Lab Sample ID: 400-203xxd-2

Date Collecte9: 0xR02R21 0v:4v

Matri/ : Water

Date Teceiye9: 0xRodR21 1B:04

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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-103

Lab Sample ID: 400-203xxd-d

Date Collecte9: 0xR02R21 11:55

Matri/ : Water

Date Teceiye9: 0xRodR21 1B:04

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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

Client Sample ID: MW-10v
Date Collecte9: 0xR02R21 0x:55
Date Teceiye9: 0xR0dR21 1B:04

Lab Sample ID: 400-203xxd-4
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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-d0B
Date Collecte9: 0xR02R21 14:d0
Date Teceiye9: 0xR0dR21 1B:04

Lab Sample ID: 400-203xxd-5
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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-d03
Date Collecte9: 0xR02R21 12:22
Date Teceiye9: 0xR0dR21 1B:04

Lab Sample ID: 400-203xxd-B
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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: DUu-01
Date Collecte9: 0xR02R21 0v:55
Date Teceiye9: 0xR0dR21 1E:04

Lab Sample ID: 400-203xxd-3
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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

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

Metals

Prep Batch: 5272L7

bal Sample D	Client Sample D	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSes8 /	MSut p	1410/	
400-20133C-2	T M-I 0I	NouSes8 /	MSut p	1410/	
400-20133C-C	T M-I 01	NouSes8 /	MSut p	1410/	
400-20133C-4	T M-I 05	NouSes8 /	MSut p	1410/	
400-20133C-6	T M-C0U	NouSes8 /	MSut p	1410/	
400-20133C-U	T M-C01	NouSes8 /	MSut p	1410/	
400-20133C-1	Dhr -0I	NouSes8 /	MSut p	1410/	
T k 400-64U45Usl 4-/	T tuLoj keSGd	NouSes8 /	MSut p	1410/	
Fi c 400-64U45Usl 6-/	FSb i oGupec Sa ye	NouSes8 /	MSut p	1410/	
400-20133C-I T c	T M-I 00	NouSes8 /	MSut p	1410/	
400-20133C-I T cD	T M-I 00	NouSes8 /	MSut p	1410/	

Analysis Batch: 527572

bal Sample D	Client Sample D	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSes8 /	MSut p	1410/	64U45U
400-20133C-2	T M-I 0I	NouSes8 /	MSut p	1410/	64U45U
400-20133C-C	T M-I 01	NouSes8 /	MSut p	1410/	64U45U
400-20133C-4	T M-I 05	NouSes8 /	MSut p	1410/	64U45U
400-20133C-6	T M-C0U	NouSes8 /	MSut p	1410/	64U45U
400-20133C-U	T M-C01	NouSes8 /	MSut p	1410/	64U45U
400-20133C-1	Dhr -0I	NouSes8 /	MSut p	1410/	64U45U
T k 400-64U45Usl 4-/	T tuLoj keSGd	NouSes8 /	MSut p	1410/	64U45U
Fi c 400-64U45Usl 6-/	FSb i oGupec Sa ye	NouSes8 /	MSut p	1410/	64U45U
400-20133C-I T c	T M-I 00	NouSes8 /	MSut p	1410/	64U45U
400-20133C-I T cD	T M-I 00	NouSes8 /	MSut p	1410/	64U45U

Prep Batch: 529463

bal Sample D	Client Sample D	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSeWt goxt pSbe	MSut p	C006/	
400-20133C-2	T M-I 0I	NouSeWt goxt pSbe	MSut p	C006/	
400-20133C-C	T M-I 01	NouSeWt goxt pSbe	MSut p	C006/	
400-20133C-4	T M-I 05	NouSeWt goxt pSbe	MSut p	C006/	
400-20133C-6	T M-C0U	NouSeWt goxt pSbe	MSut p	C006/	
400-20133C-U	T M-C01	NouSeWt goxt pSbe	MSut p	C006/	
400-20133C-1	Dhr -0I	NouSeWt goxt pSbe	MSut p	C006/	
T k 400-64103Csl -/ v6	T tuLoj keSGd	NouSeWt goxt pSbe	MSut p	C006/	
Fi c 400-64103Cs2-/ v6	FSb i oGupec Sa ye	NouSeWt goxt pSbe	MSut p	C006/	
400-201332-i -C-i T c v6	T Sup^ cymdt	NouSeWt goxt pSbe	MSut p	C006/	
400-201332-i -C-D T cD v6	T Sup^ cymdt DPyegSut	NouSeWt goxt pSbe	MSut p	C006/	

Analysis Batch: 529955

bal Sample D	Client Sample D	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSeWt goxt pSbe	MSut p	U020	64103C
400-20133C-2	T M-I 0I	NouSeWt goxt pSbe	MSut p	U020	64103C
400-20133C-C	T M-I 01	NouSeWt goxt pSbe	MSut p	U020	64103C
400-20133C-4	T M-I 05	NouSeWt goxt pSbe	MSut p	U020	64103C
400-20133C-6	T M-C0U	NouSeWt goxt pSbe	MSut p	U020	64103C
400-20133C-U	T M-C01	NouSeWt goxt pSbe	MSut p	U020	64103C
400-20133C-1	Dhr -0I	NouSeWt goxt pSbe	MSut p	U020	64103C
T k 400-64103Csl -/ v6	T tuLoj keSGd	NouSeWt goxt pSbe	MSut p	U020	64103C
Fi c 400-64103Cs2-/ v6	FSb i oGupec Sa ye	NouSeWt goxt pSbe	MSut p	U020	64103C

Metals (Continue8)

Analysis Batch: 529955 (Continue8)

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-201332-i -C-i T c v6	T Sup^ c yndt	NouSeWt goxt pSbet	M Sut p	U020	64103C
400-201332-i -C-D T c D v6	T Sup^ c yndt DPyeegSut	NouSeWt goxt pSbet	M Sut p	U020	64103C

0 eneral Chemistry

Analysis Batch: 527357

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-4	T M-I 05	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-6	T M-C0U	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-U	T M-C01	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-1	Dh r -0I	NouSes8 /	M Sut p	c T 4600 9 i	
T k 400-64UC6Us6	T t uLoj k eSGd	NouSes8 /	M Sut p	c T 4600 9 i	
Fi c 400-64UC6Us1	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-k -I T c	400-20133C-k -I T c	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-k -I T c D	400-20133C-k -I T c D	NouSes8 /	M Sut p	c T 4600 9 i	

Analysis Batch: 527362

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-2	T M-I 0I	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-C	T M-I 01	NouSes8 /	M Sut p	c T 4600 9 i	
T k 400-64UC34s2	T t uLoj k eSGd	NouSes8 /	M Sut p	c T 4600 9 i	
Fi c 400-64UC34s6	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-C T c	T M-I 01	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-C T c D	T M-I 01	NouSes8 /	M Sut p	c T 4600 9 i	

Analysis Batch: 527579

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSes8 /	M Sut p	c T 2640i	
400-20133C-2	T M-I 0I	NouSes8 /	M Sut p	c T 2640i	
400-20133C-C	T M-I 01	NouSes8 /	M Sut p	c T 2640i	
400-20133C-4	T M-I 05	NouSes8 /	M Sut p	c T 2640i	
400-20133C-6	T M-C0U	NouSes8 /	M Sut p	c T 2640i	
400-20133C-U	T M-C01	NouSes8 /	M Sut p	c T 2640i	
400-20133C-1	Dh r -0I	NouSes8 /	M Sut p	c T 2640i	
T k 400-64U6U1s1	T t uLoj k eSGd	NouSes8 /	M Sut p	c T 2640i	
Fi c 400-64U6U1s2	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 2640i	
400-20133C-U Dh	T M-C01	NouSes8 /	M Sut p	c T 2640i	

Analysis Batch: 529LLG

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSes8 /	M Sut p	c T 4600 c O4 E	
400-20133C-2	T M-I 0I	NouSes8 /	M Sut p	c T 4600 c O4 E	
400-20133C-C	T M-I 01	NouSes8 /	M Sut p	c T 4600 c O4 E	
400-20133C-4	T M-I 05	NouSes8 /	M Sut p	c T 4600 c O4 E	
400-20133C-6	T M-C0U	NouSes8 /	M Sut p	c T 4600 c O4 E	
400-20133C-U	T M-C01	NouSes8 /	M Sut p	c T 4600 c O4 E	
400-20133C-1	Dh r -0I	NouSes8 /	M Sut p	c T 4600 c O4 E	
T k 400-64155I s6	T t uLoj k eSGd	NouSes8 /	M Sut p	c T 4600 c O4 E	
Fi c 400-64155I sC4	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 4600 c O4 E	
T WF 400-64155I sC	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 4600 c O4 E	
400-20133C-I T c	T M-I 00	NouSes8 /	M Sut p	c T 4600 c O4 E	

0 eneral Chemistry (Continue8)

Analysis Batch: 529LLG(Continue8)

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I T c D	T M-I 00	NouSes8 /	M Sut p	c T 4600 c O4 E	

Analysis Batch: 529LL1

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-2	T M-I 0I	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-C	T M-I 01	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-4	T M-I 05	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-6	T M-C0U	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-U	T M-C01	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-1	Dh r -0I	NouSes8 /	M Sut p	c T 4600 i e E	
T k 400-641552sU	T t uLoj k eSGd	NouSes8 /	M Sut p	c T 4600 i e E	
Fi c 400-641552s1	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 4600 i e E	
T WF 400-641552sC	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-2 T c	T M-I 0I	NouSes8 /	M Sut p	c T 4600 i e E	
400-20133C-2 T c D	T M-I 0I	NouSes8 /	M Sut p	c T 4600 i e E	

Analysis Batch: 52L976

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSes8 /	M Sut p	c T 4600 9 i	
T k 400-6451U3sC	T t uLoj k eSGd	NouSes8 /	M Sut p	c T 4600 9 i	
Fi c 400-6451U3s1	FSb i oGupoec Sa yet	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-I T c	T M-I 00	NouSes8 /	M Sut p	c T 4600 9 i	
400-20133C-I T c D	T M-I 00	NouSes8 /	M Sut p	c T 4600 9 i	
400-205660-k-I T c	T Sup^ c yndt	NouSes8 /	M Sut p	c T 4600 9 i	
400-205660-k-I T c D	T Sup^ c yndt DPyengSut	NouSes8 /	M Sut p	c T 4600 9 i	

Fiel8 Service / Mol ile bal

Analysis Batch: 52L9G1

bal Sample DT	Client Sample DT	Prep xype	Matrid	Metho8	Prep Batch
400-20133C-I	T M-I 00	NouSes8 /	M Sut p	9rnteje c Sa yetGA	
400-20133C-2	T M-I 0I	NouSes8 /	M Sut p	9rnteje c Sa yetGA	
400-20133C-C	T M-I 01	NouSes8 /	M Sut p	9rnteje c Sa yetGA	
400-20133C-4	T M-I 05	NouSes8 /	M Sut p	9rnteje c Sa yetGA	
400-20133C-6	T M-C0U	NouSes8 /	M Sut p	9rnteje c Sa yetGA	
400-20133C-U	T M-C01	NouSes8 /	M Sut p	9rnteje c Sa yetGA	
400-20133C-1	Dh r -0I	NouSes8 /	M Sut p	9rnteje c Sa yetGA	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-548071/A-^ r 5
MatxiW T atex
^ nalcsis Batvh: 548855

Client Sample ID: Method Blank
Pxep ycpe: yotal Revo3exable
Pxep Batvh: 548071

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
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 400-548071/2-^ r 5
MatxiW T atex
^ nalcsis Batvh: 548855

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal Revo3exable
Pxep Batvh: 548071

^ nalcte	Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. 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: 400-208772-C-1-C MS r 5
MatxiW T atex
^ nalcsis Batvh: 548855

Client Sample ID: MatxiWSpike
Pxep ycpe: yotal Revo3exable
Pxep Batvh: 548071

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. 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: 400-208772-C-1-C MS r 5
MatxiW T atex
^ nalcsis Batvh: 548855

Client Sample ID: MatxiWSpike
Pxep ycpe: yotal Revo3exable
Pxep Batvh: 548071

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. 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: 400-208772-C-1-D MSD r 5
MatxiW T atex
^ nalcsis Batvh: 548855

Client Sample ID: MatxiWSpike Duplivate
Pxep ycpe: yotal Revo3exable
Pxep Batvh: 548071

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Antimony	0.0015	U	0.0500	0.0489		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: 8480^ - Mexvuxc (CE^ ^)

Lab Sample ID: MB 400-5464V6/A4-^
MatxiW T atex
^ nalcsis Batvh: 546564

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^
Pxep Batvh: 5464V6

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
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 400-5464V6/A5-^
MatxiW T atex
^ nalcsis Batvh: 546564

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^
Pxep Batvh: 5464V6

^ nalcte	Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits
Mercury	0.00101	0.000892		mg/L		89	80 - 120

Lab Sample ID: 400-208771-A MS
MatxiW T atex
^ nalcsis Batvh: 546564

Client Sample ID: MT -A00
Pxep ycpe: yotal/N^
Pxep Batvh: 5464V6

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits
Mercury	0.00015	U	0.00201	0.00186		mg/L		92	80 - 120

Method: 8480^ - Mexvuxc (CE^ ^) (Continued)

Lab Sample ID: 400-208771-A MSD
MatxiW T atex
^ nalcsis Batvh: 546564

Client Sample ID: MT -A00
Pxep ycpe: yotal/N^
Pxep Batvh: 5464V6

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Mercury	0.00015	U	0.00201	0.00187		mg/L		93	80 - 120	1	20

Method: SM 2540C - Solids9yotal Dissol3ed (yDS)

Lab Sample ID: MB 400-546568/A
MatxiW T atex
^ nalcsis Batvh: 546568

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			09/08/21 15:33	1

Lab Sample ID: LCS 400-546568/2
MatxiW T atex
^ nalcsis Batvh: 546568

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Total Dissolved Solids			293	262		mg/L		89	78 - 122		

Lab Sample ID: 400-208771-6 DU
MatxiW T atex
^ nalcsis Batvh: 546568

Client Sample ID: MT -108
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex		DU Result	DU Qualifiex	Unit	D			RPD	RPD Limit
Total Dissolved Solids	5.0	U		36.0		mg/L				NC	5

Method: SM 4500 Cl- , - Chloxide9yotal

Lab Sample ID: MB 400-548VV2/6
MatxiW T atex
^ nalcsis Batvh: 548VV2

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Chloride	1.4	U	2.0	1.4	mg/L			09/18/21 04:11	1

Lab Sample ID: LCS 400-548VV2/8
MatxiW T atex
^ nalcsis Batvh: 548VV2

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Chloride			30.0	28.6		mg/L		95	90 - 110		

Lab Sample ID: MRL 400-548VV2/1
MatxiW T atex
^ nalcsis Batvh: 548VV2

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	MRL Result	MRL Qualifiex	Unit	D	%Rev	%Rev. Limits		
Chloride			2.00	2.32		mg/L		116	50 - 150		

Method: SM 4500 Cl- , - Chloxide9yotal (Continued)

Lab Sample ID: 400-208771-2 MS
MatxiW T atex
^ nalcsis Batvh: 548VV2

Client Sample ID: MT -A0A
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Chloride	5.1		10.0	14.9		mg/L		98	73 - 120		

Lab Sample ID: 400-208771-2 MSD
MatxiW T atex
^ nalcsis Batvh: 548VV2

Client Sample ID: MT -A0A
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Chloride	5.1		10.0	14.9		mg/L		98	73 - 120	0	8

Method: SM 4500 F C - Fluoxide

Lab Sample ID: MB 400-546156/5
MatxiW T atex
^ nalcsis Batvh: 546156

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Fluoride	0.032	U	0.10	0.032	mg/L			09/07/21 11:18	1

Lab Sample ID: LCS 400-546156/8
MatxiW T atex
^ nalcsis Batvh: 546156

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Fluoride			5.00	4.89		mg/L		98	90 - 110		

Lab Sample ID: 400-208771-B-A MS
MatxiW T atex
^ nalcsis Batvh: 546156

Client Sample ID: 400-208771-B-A MS
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Fluoride	0.040	I	1.00	1.29		mg/L		125	75 - 125		

Lab Sample ID: 400-208771-B-A MSD
MatxiW T atex
^ nalcsis Batvh: 546156

Client Sample ID: 400-208771-B-A MSD
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Fluoride	0.040	I	1.00	1.21	J3	mg/L		117	75 - 125	6	4

Lab Sample ID: MB 400-546174/2
MatxiW T atex
^ nalcsis Batvh: 546174

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Fluoride	0.0600	I	0.10	0.032	mg/L			09/07/21 13:37	1

Method: SM 4500 F C - Fluoxide (Continued)

Lab Sample ID: LCS 400-546174/5
MatxiW T atex
^ nalcsis Batvh: 546174

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Fluoride			5.00	4.73		mg/L		95	90 - 110		

Lab Sample ID: 400-208771-1 MS
MatxiW T atex
^ nalcsis Batvh: 546174

Client Sample ID: MT -A08
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Fluoride	0.10		1.00	1.23		mg/L		113	75 - 125		

Lab Sample ID: 400-208771-1 MSD
MatxiW T atex
^ nalcsis Batvh: 546174

Client Sample ID: MT -A08
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Fluoride	0.10		1.00	1.23		mg/L		113	75 - 125	0	4

Lab Sample ID: MB 400-54V867/1
MatxiW T atex
^ nalcsis Batvh: 54V867

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Fluoride	0.032	U	0.10	0.032	mg/L			09/24/21 16:11	1

Lab Sample ID: LCS 400-54V867/8
MatxiW T atex
^ nalcsis Batvh: 54V867

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Fluoride			5.00	5.28		mg/L		106	90 - 110		

Method: SM 4500 SO4 , - Sulfate9yotal

Lab Sample ID: MB 400-548VVA/5
MatxiW T atex
^ nalcsis Batvh: 548VVA

Client Sample ID: Method Blank
Pxep ycpe: yotal/N^

^ nalcte	MB Result	MB Qualifiex	PQL	MDL	Unit	D	Pxepaxed	^ nalczed	Dil Fav
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 03:08	1

Lab Sample ID: LCS 400-548VVA/14
MatxiW T atex
^ nalcsis Batvh: 548VVA

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	LCS Result	LCS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Sulfate			15.0	13.8		mg/L		92	90 - 110		

Method: SM 4500 SO4 , - Sulfate9yotal (Continued)

Lab Sample ID: MRL 400-548VVA/1
MatxiW T atex
^ nalcsis Batvh: 548VVA

Client Sample ID: Lab Contxol Sample
Pxep ycpe: yotal/N^

^ nalcte			Spike ^ dded	MRL Result	MRL Qualifiex	Unit	D	%Rev	%Rev. Limits		
Sulfate			5.00	5.00		mg/L		100	50 - 150		

Lab Sample ID: 400-208771-A MS
MatxiW T atex
^ nalcsis Batvh: 548VVA

Client Sample ID: MT -A00
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MS Result	MS Qualifiex	Unit	D	%Rev	%Rev. Limits		
Sulfate	1.4	U	10.0	10.6		mg/L		106	77 - 128		

Lab Sample ID: 400-208771-A MSD
MatxiW T atex
^ nalcsis Batvh: 548VVA

Client Sample ID: MT -A00
Pxep ycpe: yotal/N^

^ nalcte	Sample Result	Sample Qualifiex	Spike ^ dded	MSD Result	MSD Qualifiex	Unit	D	%Rev	%Rev. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	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

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

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

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		9/3/21 1604	RDH	Brandon Wantz	9-3-21 1604	
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: 1.5, 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
Pro/eSt Rs ite: CCB Plant Crikt

Job ID: 400-20133j -c
s DG: g aSdArounh .

Laboratory: Eurofins TestAmerica, Pensacola

. ll aSSrehitationk RSertifiSationk Nelh by tNik laboratory are likteh5 6 ot all aSSrehitationk RSertifiSationk are appliSable to tNik report5

Authority	Program	Identification Number	Expiration Date
. labama	state	40cC0	0E-j 0-22
. 6 . g	Is 7 RL C c102O	z241c	02-2j -2j
. riZona	state	. Q01c0	0c-c2-22
. rdankak DL 8	state	99-0E93	03-0c-22
California	state	2Oc0	0E-j 0-22
Floriha	6 L z. P	L 9c0c0	0E-j 0-22
GeorAia	state	L 9c0c0(Fz)	0E-j 0-22
Illinoik	6 L z. P	20004c	c0-03-2c
Iowa	state	j E1	09-0c-22
Kankak	6 L z. P	L -c02Cj	c0-j c-2c
KentuSdy (Us T)	state	Cj	0E-j 0-22
KentuSdy (WW)	state	KY390j 0	c2-j c-2c
zouikiana	6 L z. P	j 031E	0E-j 0-22
zouikiana (DW)	state	z. 0c1	c2-j c-2c
Marylanh	state	2j j	03-j 0-2c
MakkaSNukettk	state	M-Fz034	0E-j 0-22
MiSNiAan	state	33c2	0E-j 0-22
6 ew Jerkey	6 L z. P	Fz00E	0E-j 0-22
6 ortN Carolina (WWRs W)	state	j c4	c2-j c-2c
7 dlaNoma	state	39c0	09-j c-22
Pennkylvania	6 L z. P	E9-004E1	0c-j c-22
BNohe Iklanh	state	z. 7 00j 01	c2-j 0-2c
s outN Carolina	state	3E02E	0E-j 0-22
Tennekkee	state	T6 02301	0E-j 0-22
Texak	6 L z. P	Tc0410429E	03-j 0-2c
Us FikN & Wilhlife	Us Feheral ProAramk	0C9449	01-j c-22
Us D.	Us Feheral ProAramk	Pj j 0-2c-000CE	0O-c1-24
VirAinia	6 L z. P	4E0cEE	0E-c4-22
WakNinAton	state	C3cO	0O-cO-22
Wekt VirAinia DL P	state	cj E	03-j 0-2c

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Method Summary 4
Sample Summary 5
Client Sample Results 6
Definitions 13
Chronicle 14
QC Association 16
QC Sample Results 17
Chain of Custody 19
Receipt Checklists 20
Certification Summary 21

Job ID: 400-207993-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-207993-2

RAD

h et9oA 3j 56: s aAium 228 prep bat/ 9 580-628. 50(Mny minimum Aete/ table / on/ entration)h DC,v/ riti/ al Lalue)DWC,vor Rafe Dringind 7 ater M/ t Aete/ tion limit)RD7 MDW, iB Bample-Bpe/ ifi/ unleBB ot9erwiBe BtateA elBew9ere in t9iB narratiLe(s aAio/ 9emiBtry Bample reBultB are reporteA wit9 t9e / ount AateSime applieA aB t9e M/ tiLity s eferen/ e Date(h 7 -500)400-20133j -5,vh 7 -505)400-20133j -2,v h 7 -501)400-20133j -j ,vh 7 -50.)400-20133j -4,vh 7 -j 08)400-20133j -6,vh 7 -j 01)400-20133j -8,vDUP-05)400-20133j -1,v)WCR 580-628. 50S5-M,v)WCRD 580-628. 50S2-M, anA)h k 580-628. 50S2j -M,

h et9oA 3j 20: s aAium-22. k at/ 9 628. 52(Mny minimum Aete/ table / on/ entration)h DC,v/ riti/ al Lalue)DWC,vor Rafe Dringind 7 ater M/ t Aete/ tion limit)RD7 MDW, iB Bample-Bpe/ ifi/ unleBB ot9erwiBe BtateA elBew9ere in t9iB narratiLe(s aAio/ 9emiBtry Bample reBultB are reporteA wit9 t9e / ount AateSime applieA aB t9e M/ tiLity s eferen/ e Date(h 7 -500)400-20133j -5,vh 7 -505)400-20133j -2,vh 7 -501)400-20133j -j ,vh 7 -50.)400-20133j -4,vh 7 -j 08)400-20133j -6,vh 7 -j 01)400-20133j -8, anA DUP-05)400-20133j -1,

h et9oA Pre/ Rep_0: s a-22. k at/ 9 580-628. 52(InBuffi/ ient Bample Lolume waB aLailable to perform a Bample Aupli/ ate)DUP, for t9e followind BampleB: h 7 -500)400-20133j -5,vh 7 -505)400-20133j -2,vh 7 -501)400-20133j -j ,vh 7 -50.)400-20133j -4,vh 7 -j 08)400-20133j -6,vh 7 -j 01)400-20133j -8, anA DUP-05)400-20133j -1,(MIaboratory / ontrol BampleSIaboratory / ontrol Bample Aupli/ ate)WCRSWCRD, were prepareA inBteaA to AemonBtrate bat/ 9 pre/ iBion(

h et9oA Pre/ Rep-25: s a-228 k at/ 9 580-628. 50(InBuffi/ ient Bample Lolume waB aLailable to perform a Bample Aupli/ ate)DUP, for t9e followind BampleB: h 7 -500)400-20133j -5,vh 7 -505)400-20133j -2,vh 7 -501)400-20133j -j ,vh 7 -50.)400-20133j -4,vh 7 -j 08)400-20133j -6,vh 7 -j 01)400-20133j -8, anA DUP-05)400-20133j -1,(MIaboratory / ontrol BampleSIaboratory / ontrol Bample Aupli/ ate)WCRSWCRD, were prepareA inBteaA to AemonBtrate bat/ 9 pre/ iBion(

Method Summary

l ient G u f iPwor nml op ayt S
wmo/nkGBeG: l l s wiyt G l neWG

Job ID: 400-20133C-2
BDu : c ykgdmof t Aj

Method	Method Description	Protocol	Laboratory
3C5(	s yAef p -229 Fu) wl T	B8 649	Lj _ B_
3C20	s yAef p -226 Fu) wl T	B8 649	Lj _ B_
s y229Ns y226	l op bet nA s yAef p -229 yt A s yAef p -226	Lj _-BL_	Lj _ B_
wmnkBnaN0	wmnaymyGot hwmnkeaeyGn BnaymyGot	, ot n	Lj _ B_
wmnkBna-25	wmnaymyGot hwmnkeaeyGn BnaymyGot F25-DyS lt -u mor G=T	, ot n	Lj _ B_

Protocol References:

, ot n " , ot n

B8 649 " MLnWGE nG=oAW) omv Uyif yGe d BoieA 8 yWGhw=SWekyiR =np ekyi E nG=oAWMhL=emA v AeGot h, oUhp bnm5369 j t A lGW. aAyGnWO

Lj _-BL_ " LnWGj p nmeky _ybomyGomenWhBGO_of eWh) ykeieSB Gyt AymA 7 anmyGe d wmoknAf mO

Laboratory References:

Lj _ B_ " v f moRe WLnWGj p nmekyhBGO_of eWh5C15(s eAnmLmyie , omGehv ymG= l eSShE 7 9C04(hLv _ FC54T236-6(99

v f moRe WLnWGj p nmekyhwnt Wykoiy

Sample Summary

Job ID: 40-24 13C 14J 3i enlt
1I3/ kDB3b:4J Js 41 onl D4J lbMD

G3u4fP:4wrrmprayySmp
BP0:4cnkgdl3-lA4j

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
wrrmprayySmW	97mWr	7nDI	ryRpRpW4ry:w8	ryRSRpW4/5:rw
wrrmprayySmp	97mWW	7nDI	ryRpRpW4r8:w8	ryRSRpW4/5:rw
wrrmprayySm6	97mWa	7nDI	ryRpRpW4/W:66	ryRSRpW4/5:rw
wrrmprayySmw	97mW8	7nDI	ryRpRpW4ry:66	ryRSRpW4/5:rw
wrrmprayySm6	97mSr5	7nDI	ryRpRpW4/W:Sr	ryRSRpW4/5:rw
wrrmprayySm5	97mSra	7nDI	ryRpRpW4/p:pp	ryRSRpW4/5:rw
wrrmprayySma	PU1mW	7nDI	ryRpRpW4r8:66	ryRSRpW4/5:rw

Client Sample Results

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		06254	06212	L600	06255	al eP9	03RLCR2L L4:03	L0RLCR2L L0:73	L

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	*. 970*		*40 - 110*	*0/ 2162 1 1430/*	*102162 1 1038/*	*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		06C4C	06C7C	L600	06480	al eP9	03RLCR2L L4:45	L0RL2R2L L2:L4	L

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	*. 970*		*40 - 110*	*0/ 2162 1 1434 5*	*1021: 2 1 1: 314*	*1*
Y Carrier	*. 171*		*40 - 110*	*0/ 2162 1 1434 5*	*1021: 2 1 1: 314*	*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		064CC	06445	7600	06480	al eP9		L0RL8R2L 2L:23	L

Client Sample Results

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
s yAef p -225	0624C	U	06204	06207	L600	06CLL	al eP9	03RLCR2L L4:03	L0RLCR2L L0:73	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*/ 17.*		*40 - 110*	*0/ 2162 1 1430/*	*102162 1 1038/*	*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**		0623L	06233	L600	0640C	al eP9	03RLCR2L L4:45	L0RL2R2L L2:L4	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*/ 17.*		*40 - 110*	*0/ 2162 1 1434 5*	*1021: 2 1 1: 314*	*1*
Y Carrier	*. 079*		*40 - 110*	*0/ 2162 1 1434 5*	*1021: 2 1 1: 314*	*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**		06C77	06C5C	7600	0640C	al eP9		L0RL8R2L 2L:23	L

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		0628L	06281	L600	06C71	al e9	03RLCP2L L4:03	L0RLCP2L LL:00	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*/ : 7.*		*40 - 110*	*0/ 2162 1 1430/*	*102162 1 11300*	*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		06C28	06C44	L600	06422	al e9	03RLCP2L L4:45	L0RL2P2L L2:L4	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*/ : 7.*		*40 - 110*	*0/ 2162 1 14345*	*1021: 2 1 1: 314*	*1*
Y Carrier	*. 17*		*40 - 110*	*0/ 2162 1 14345*	*1021: 2 1 1: 314*	*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		064C2	06448	7600	06422	al e9		L0RL8P2L 2L:23	L

Client Sample Results

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
syAef p -225	06215	U	06240	06242	L600	06C1C	al eP9	03RLCR2L L4:03	L0RLCR2L LL:00	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*. 57.*		*40 - 110*	*0/ 2162 1 1430/*	*102162 1 11300*	*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**		06C34	06423	L600	06445	al eP9	03RLCR2L L4:45	L0RL2R2L L2:L4	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*. 57.*		*40 - 110*	*0/ 2162 1 14345*	*1021: 2 1 1: 314*	*1*
Y Carrier	*. 178*		*40 - 110*	*0/ 2162 1 14345*	*1021: 2 1 1: 314*	*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**		0645L	0643C	7600	06445	al eP9		L0RL8R2L 2L:23	L

Client Sample Results

Client: Gulf Power Company
Job ID: 400-20133C-2
Project/Site: Lansing Smith
BDu : cykgdmoft Aj

Client Sample ID: MW-306

Lab Sample ID: 400-207993-5

Date Collected: 09/02/21 14:30

Matrix: Water

Date Received: 09/03/21 16:04

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.221	U	0.240	0.24L	1.00	0.681	Ba/Ra	03/12/21 14:03	10/12/21 11:00	L

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	*.574*		*40 - 110*	*0/2/2021 14:30*	*10/12/2021 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**		0.600L	0.601	1.00	0.440	Ba/Ra	03/12/21 14:45	10/12/21 12:17	L

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	*.574*		*40 - 110*	*0/2/2021 14:45*	*10/12/2021 11:18*	*1*
Y Carrier	*.178*		*40 - 110*	*0/2/2021 14:45*	*10/12/2021 11:18*	*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	**0.856**		0.687	0.630	7.00	0.440	Ba/Ra		10/18/21 12:23	L

Client Sample Results

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		06251	06210	L600	06C14	al eP9	03RLCR2L L4:03	L0RLCR2L LL:07	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*9579*		*40 - 110*	*0/ 2162 1 1430/*	*102162 1 11308*	*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		06C03	06CLC	L600	06410	al eP9	03RLCR2L L4:45	L0RL2R2L L2:L7	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*9579*		*40 - 110*	*0/ 2162 1 14345*	*1021: 2 1 1: 318*	*1*
Y Carrier	*. : 7.*		*40 - 110*	*0/ 2162 1 14345*	*1021: 2 1 1: 318*	*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		06408	064LC	7600	06410	al eP9		L0RL8R2L 2L:23	L

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		06247	06270	L600	0600C	al e9	03RLCF2L L4:03	L0RLCF2L LL:07	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*/ 078*		*40 - 110*	*0/ 2162 1 1430/*	*102162 1 1130 8*	*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		0C87	064L5	L600	0645L	al e9	03RLCF2L L4:45	L0RL2F2L L2:L7	L

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*/ 078*		*40 - 110*	*0/ 2162 1 1434 5*	*1021: 2 1 1: 3 8*	*1*
Y Carrier	*. 171*		*40 - 110*	*0/ 2162 1 1434 5*	*1021: 2 1 1: 3 8*	*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		06475	06487	7600	0645L	al e9		L0RL8F2L 2L:23	L

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 Collecte9: 0xR02F21 0x:4v
Date Teceiye9: 0xR0dF21 1B:04

Lab Sample ID: 400-203xxd-1
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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 Collecte9: 0xR02F21 0v:4v
Date Teceiye9: 0xR0dF21 1B:04

Lab Sample ID: 400-203xxd-2
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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-103
Date Collecte9: 0xR02F21 11:55
Date Teceiye9: 0xR0dF21 1B:04

Lab Sample ID: 400-203xxd-d
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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-10v
Date Collecte9: 0xR02F21 0x:55
Date Teceiye9: 0xR0dF21 1B:04

Lab Sample ID: 400-203xxd-4
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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-d0B
Date Collecte9: 0xR02F21 14:d0
Date Teceiye9: 0xR0dF21 1B:04

Lab Sample ID: 400-203xxd-5
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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-d03
Date Collecte9: 0xR02F21 12:22
Date Teceiye9: 0xR0dF21 1B:04

Lab Sample ID: 400-203xxd-B
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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: DUu-01
Date Collecte9: 0xR02F21 0v:55
Date Teceiye9: 0xR0dF21 1B:04

Lab Sample ID: 400-203xxd-3
Matri/ : Water

urep PApe	s atch PApe	s atch Metho9	TFn	DilFtion 6actor	s atch 8 Fmber	urepare9 or z nalA7e9	z nalANt	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

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

QC Association Summary

Rad

Prep Batch: 526810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-20133C-T	NM-T00	7oGyiR8j	MyGam	wmkBna-2T	
400-20133C-2	NM-T0T	7oGyiR8j	MyGam	wmkBna-2T	
400-20133C-C	NM-T01	7oGyiR8j	MyGam	wmkBna-2T	
400-20133C-4	NM-T05	7oGyiR8j	MyGam	wmkBna-2T	
400-20133C-6	NM-C0U	7oGyiR8j	MyGam	wmkBna-2T	
400-20133C-U	NM-C01	7oGyiR8j	MyGam	wmkBna-2T	
400-20133C-1	Dhw-0T	7oGyiR8j	MyGam	wmkBna-2T	
Nc TU0-62U5T0R2C-j	NnGLoA ciyt g	7oGyiR8j	MyGam	wmkBna-2T	
_l B TU0-62U5T0RT-j	_yb l ot Gmoi Byp ain	7oGyiR8j	MyGam	wmkBna-2T	
_l BD TU0-62U5T0R2-j	_yb l ot Gmoi Byp ain Df a	7oGyiR8j	MyGam	wmkBna-2T	

Prep Batch: 526812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-20133C-T	NM-T00	7oGyiR8j	MyGam	wmkBna90	
400-20133C-2	NM-T0T	7oGyiR8j	MyGam	wmkBna90	
400-20133C-C	NM-T01	7oGyiR8j	MyGam	wmkBna90	
400-20133C-4	NM-T05	7oGyiR8j	MyGam	wmkBna90	
400-20133C-6	NM-C0U	7oGyiR8j	MyGam	wmkBna90	
400-20133C-U	NM-C01	7oGyiR8j	MyGam	wmkBna90	
400-20133C-1	Dhw-0T	7oGyiR8j	MyGam	wmkBna90	
Nc TU0-62U5T2R2C-j	NnGLoA ciyt g	7oGyiR8j	MyGam	wmkBna90	
_l B TU0-62U5T2RT-j	_yb l ot Gmoi Byp ain	7oGyiR8j	MyGam	wmkBna90	
_l BD TU0-62U5T2R2-j	_yb l ot Gmoi Byp ain Df a	7oGyiR8j	MyGam	wmkBna90	

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
syAef p -226	0501E1C	L	05278	05278	7500	05C34	alef9	03R7CR27 74:03	70R7CR27 7C:00	7

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	8: .1		40 - 110	0/ 2162 1 1430/	102162 1 1630 0	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		
syAef p -226			775C	7757C		75C4	7500	05C06	alef9	38	1E - 72E		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.:		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
syAef p -226			775C	7053E		75C3	7500	05C83	alef9	31	1E - 72E	0506	7

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	97.Y		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
syAef p -228	05E737		052E8	0526C	7500	05C10	alef9	03R7CR27 74:46	70R72R27 72:24	7

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	8: .1		40 - 110	0/ 2162 1 1434 7	1021: 2 1 1: 3 4	1
5 Carrier	89.Y		40 - 110	0/ 2162 1 1434 7	1021: 2 1 1: 3 4	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
s yAef p -228	352E	705E0		7522	7500	0547E	al eP9	774	1E - 72E

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	*88.:*		*40 - 110*
5 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
s yAef p -228	352E	705E67		7528	7500	05E4E	al eP9	77E	1E - 72E	050E	7

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	*97.Y*		*40 - 110*
5 Carrier	*80.9*		*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 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)	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		

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

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		9/3/21 1604	RDH	Brandon Wantz	9-3-21 1604	
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: 1.5, 2.8 0.0 IR 1R8

Ver: 06/08/2021

Page 19 of 21

10/20/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-207993-2
1SG Number: DaBckroung d

Login Number: 207993
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
/ agioaBtiRty wavns: B' eBceg or iv hA< baBckroung av meavureg by a vurRey meter=	NAd	
. ' e Boolersv Buvtogy vealTif preventTiv intaBt=	NAd	
1ample Buvtogy vealvTif preventTare intaBt=	NAd	
. ' e Booler or vamplev go not appear to ' aRe been Bompromiveg or tampereg wit' =	. rue	
1amplev were reBeiReg on iBe=	. rue	
Cooler . emperature iv aBBeptable=	. rue	
Cooler . emperature iv reBorgeg=	. rue	0=0T, =2T2=8°C I/ 8
COC iv prevent=	. rue	
COC iv filleg out in inc ang lekible=	. rue	
COC iv filleg out wit' all pertinent information=	. rue	
Iv t' e Fielg 1amplersv name prevent on COC?	. rue	
. ' ere are no givBrepanBiev between t' e Bontainerv reBeiReg ang t' e COC=	. rue	
1amplev are reBeiReg wit' in Holgink . ime (exBlugink tevtv wit' immegiate H. v)	. rue	
1ample Bontainerv ' aRe lekible labelv=	. rue	
Containerv are not brocen or leacink=	. rue	
1ample BolleBtion gateAimev are proRigeg=	. rue	
dppropriate vample Bontainerv are uveg=	. rue	
1ample bottlev are Bompletely filleg=	. rue	
1ample PreverRation Verifieg=	. rue	
. ' ere iv vuffiBient Rol=for all requevteg analyvevTinBl=any requevteg M1AM1Sv	. rue	
Containerv requirink zero ' eagvpaBe ' aRe no ' eagvpaBe or bubble iv h6mm (, A4")=	NAd	
Multip' aviB vamplev are not prevent=	. rue	
1amplev go not require vplittink or Bompovitink=	. rue	
/ evigual C' lorine C' eBceg=	NAd	

Accreditation/Certification Summary

Client: Gulf Power Company
Proce/ tSRite: CCs Plant CriBt

Job ID: 400-20133j -2
RDG: k a/ gdrounA h

Laboratory: Eurofins TestAmerica, StPLouis

hll a/ / reAitationBSertifi/ ationB . elA by t. iB laboratory are liBteAN (ot all a/ / reAitationBSertifi/ ationB are appli/ able to t. iB reportN

Autl ority	hrogram	Identification Number	Expiration Date
hlaBga UTR) 5	Rtate	20-006	0E-0L-22
h(hk	DeptNof DefenBe O7hP	72j 0E	04-0L-22
h(hk	DeptNof Onerdy	72j 0EN06	04-0L-22
h(hk	IRz SOC 6102E	72j 0E	04-0L-22
hriZona	Rtate	h8096j	62-09-26
California	7oBhndeleB County Ranitation DiBtri/ tB	602E3	0L-j 0-22
California	Rtate	299L	0L-j 0-26 H
Conne/ ti/ ut	Rtate	P* -0246	0j -j 6-2j
FloriAa	(O7hP	O91L93	0L-j 0-22
* I - s aAC. em s e/ odnition	Rtate	nSa	0L-j 0-22
IllinoiB	(O7hP	004EEj	66-j 0-26
Iowa	Rtate	j 1j	62-06-22
KanBaB	(O7hP	O-602j L	60-j 6-26
Kentu/ gy UDW5	Rtate	KY3062E	06-06-22
Kentu/ gy UWW5	Rtate	KY3062E UPermit KY00040435	62-j 6-26
7ouiBiana	(O7hP	04090	0L-j 0-22
7ouiBiana UDW5	Rtate	7h066	62-j 6-26
MarylanA	Rtate	j 60	03-j 0-22
MI - s aAC. em s e/ odnition	Rtate	300E	0L-j 0-22
MiBBouri	Rtate	190	0L-j 0-22
(evaAa	Rtate	Mz 000E42020-6	01-j 6-22
(ew JerBey	(O7hP	Mz 002	0L-j 0-22
(ew Yorg	(O7hP	66L6L	04-06-22
(ort. Dagota	Rtate	s -201	0L-j 0-22
(s C	(s C	24-24961-06	62-j 6-22
z gla. oma	Rtate	3331	09-j 6-22
z redon	(O7hP	46E1	03-06-22
PennBylvania	(O7hP	L9-00E40	0j -06-22
Rout. Carolina	Rtate	9E002006	0L-j 0-22
)exaB	(O7hP	) 60410463j	01-j 6-22
TR FiB. & WilAife	TR FeAeral ProdramB	0E9449	01-j 6-22
TRDh	TR FeAeral ProdramB	Pj j 0-61-00029	0j -66-2j
Tta.	(O7hP	Mz 000E42026-64	09-06-22
Virdinia	(O7hP	60j 60	0L-64-22
WaB. indton	Rtate	CE32	09-j 0-22
WeBt Virdinia DOP	Rtate	j 96	60-j 6-22

Hh/ / reAitationSCertifi/ ation renewal penAind - a/ / reAitationSertifi/ ation / onBiAereA valiAN

OurofinB) eBth meri/ a, PenBa/ ola

10/20/2021

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 400-208073-1
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

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

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
9/29/2021 5:57:26 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Detection Summary 4
Method Summary 6
Sample Summary 7
Client Sample Results 8
Definitions 13
Chronicle 14
QC Association 16
QC Sample Results 19
Chain of Custody 24
Receipt Checklists 25
Certification Summary 26

Job ID: 400-208073-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208073-1

Metals

Method 6020: The ICV for batch 400-547970 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 400-547970/9)

Method 6020: The continuing calibration verification (CCV) associated with batch 400-547970 recovered above the upper control limit for Lithium. The samples associated with this CCV were either ND or below the PQL for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-305 (400-208073-4) and MW-308 (400-208073-5).

Method 6020: The continuing calibration verification (CCV) associated with batch 400-547970 recovered above the upper control limit for Antimony. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-305 (400-208073-4) and MW-308 (400-208073-5).

Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-208073-2), MW-304 (400-208073-3) and MW-308 (400-208073-5). Elevated reporting limits (RLs) are provided.

Method 6020: The method blank for preparation batch 400-547095 and analytical batch 400-547970contained Cadmium 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: CRI recovery outside SOP's criteria for Boron (45%). The sample is 10x CRI; therefore data is reported. (LCS 400-547095/2-A ^5)

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-546747 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 400-546703 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-546703 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-308 (400-208073-5). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-303 (400-208073-2), MW-304 (400-208073-3) and MW-308 (400-208073-5). Elevated reporting limits (RLs) are provided.

Detection Summary

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

Job ID: 400-208073-1
SDG: Downgradient C

Client Sample ID: MW-300 — Lab Sample ID: 400-208073-1

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	0.46		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0012	I V	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	54		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	8.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.52				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-303 — Lab Sample ID: 400-208073-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.034		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	3.1		0.25	0.090	mg/L	25		6020	Total Recoverable
Calcium	56		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0012	I V	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Lithium	0.023		0.0050	0.0019	mg/L	5		6020	Total Recoverable
Molybdenum	0.44		0.015	0.0045	mg/L	5		6020	Total Recoverable
Selenium	0.0046		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00015	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	360		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	46		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.24		0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	120		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	6.56				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-304 — Lab Sample ID: 400-208073-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.041		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	1.4		0.10	0.036	mg/L	10		6020	Total Recoverable
Cadmium	0.0042		0.0025	0.00028	mg/L	5		6020	Total Recoverable
Calcium	190		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0025	V	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.30		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.0096		0.0050	0.0019	mg/L	5		6020	Total Recoverable
Selenium	0.0069		0.0013	0.00082	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-304 (Continued) — Lab Sample ID: 400-208073-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.00015	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	1000		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	25		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.70		0.10	0.032	mg/L	1		SM 4500 F C	Total/NA
Sulfate	530		100	28	mg/L	20		SM 4500 SO4 E	Total/NA
Field pH	5.10				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-305 — Lab Sample ID: 400-208073-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.015		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Calcium	0.53		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0012	I V	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	24		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	7.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.68				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-308 — Lab Sample ID: 400-208073-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.029		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	1.7		0.25	0.090	mg/L	25		6020	Total Recoverable
Calcium	66		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0022	I V	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Selenium	0.0045		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Thallium	0.00016	I	0.00050	0.00012	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	450		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	88		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.17		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	6.13				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: 400-208073-1
SDG: Downgradient C

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 400-208073-1
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208073-1	MW-300	Water	09/07/21 13:00	09/08/21 11:32
400-208073-2	MW-303	Water	09/07/21 14:30	09/08/21 11:32
400-208073-3	MW-304	Water	09/07/21 09:20	09/08/21 11:32
400-208073-4	MW-305	Water	09/07/21 11:10	09/08/21 11:32
400-208073-5	MW-308	Water	09/07/21 10:36	09/08/21 11:32

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

Job ID: 400-208073-1
SDG: Downgradient C

Client Sample ID: MW-300
Date Collected: 09/07/21 13:00
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-1
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	09/18/21 05:18	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/18/21 05:18	5
Barium	**0.011**		0.0025	0.00070	mg/L		09/12/21 15:40	09/18/21 05:18	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/18/21 05:18	5
Boron	**0.022**	**I**	0.050	0.018	mg/L		09/12/21 15:40	09/23/21 13:03	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/18/21 05:18	5
Calcium	**0.46**		0.25	0.13	mg/L		09/12/21 15:40	09/18/21 05:18	5
Chromium	**0.0012**	**I V**	0.0025	0.0010	mg/L		09/12/21 15:40	09/18/21 05:18	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/18/21 05:18	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/18/21 05:18	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/18/21 05:18	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/18/21 05:18	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/18/21 05:18	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/23/21 13:03	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 09:22	09/10/21 16:01	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**54**		5.0	5.0	mg/L			09/09/21 15:41	1
Chloride	**8.3**		2.0	1.4	mg/L			09/18/21 21:27	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/09/21 11:30	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 05:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.52**				SU			09/07/21 13:00	1

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

Job ID: 400-208073-1
SDG: Downgradient C

Client Sample ID: MW-303
Date Collected: 09/07/21 14:30
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-2
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	09/18/21 05:24	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/18/21 05:24	5
Barium	**0.034**		0.0025	0.00070	mg/L		09/12/21 15:40	09/18/21 05:24	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/18/21 05:24	5
Boron	**3.1**		0.25	0.090	mg/L		09/12/21 15:40	09/23/21 13:13	25
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/18/21 05:24	5
Calcium	**56**		0.25	0.13	mg/L		09/12/21 15:40	09/18/21 05:24	5
Chromium	**0.0012**	**I V**	0.0025	0.0010	mg/L		09/12/21 15:40	09/18/21 05:24	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/18/21 05:24	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/18/21 05:24	5
Lithium	**0.023**		0.0050	0.0019	mg/L		09/12/21 15:40	09/23/21 13:08	5
Molybdenum	**0.44**		0.015	0.0045	mg/L		09/12/21 15:40	09/18/21 05:24	5
Selenium	**0.0046**		0.0013	0.00082	mg/L		09/12/21 15:40	09/18/21 05:24	5
Thallium	**0.00015**	**I**	0.00050	0.00012	mg/L		09/12/21 15:40	09/23/21 13:08	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 09:22	09/10/21 16:03	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**360**		5.0	5.0	mg/L			09/09/21 15:41	1
Chloride	**46**		2.0	1.4	mg/L			09/18/21 21:28	1
Fluoride	**0.24**		0.10	0.032	mg/L			09/09/21 11:34	1
Sulfate	**120**		25	7.0	mg/L			09/18/21 05:48	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.56**				SU			09/07/21 14:30	1

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

Job ID: 400-208073-1
SDG: Downgradient C

Client Sample ID: MW-304

Date Collected: 09/07/21 09:20
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-3

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	09/18/21 05:30	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/18/21 05:30	5
Barium	**0.041**		0.0025	0.00070	mg/L		09/12/21 15:40	09/18/21 05:30	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/18/21 05:30	5
Boron	**1.4**		0.10	0.036	mg/L		09/12/21 15:40	09/23/21 13:23	10
Cadmium	**0.0042**		0.0025	0.00028	mg/L		09/12/21 15:40	09/18/21 05:30	5
Calcium	**190**		0.25	0.13	mg/L		09/12/21 15:40	09/18/21 05:30	5
Chromium	**0.0025**	**V**	0.0025	0.0010	mg/L		09/12/21 15:40	09/18/21 05:30	5
Cobalt	**0.30**		0.0025	0.00056	mg/L		09/12/21 15:40	09/18/21 05:30	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/18/21 05:30	5
Lithium	**0.0096**		0.0050	0.0019	mg/L		09/12/21 15:40	09/23/21 13:18	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/18/21 05:30	5
Selenium	**0.0069**		0.0013	0.00082	mg/L		09/12/21 15:40	09/18/21 05:30	5
Thallium	**0.00015**	**I**	0.00050	0.00012	mg/L		09/12/21 15:40	09/23/21 13:18	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 16:04	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1000**		10	10	mg/L			09/09/21 15:41	1
Chloride	**25**		2.0	1.4	mg/L			09/18/21 21:28	1
Fluoride	**0.70**		0.10	0.032	mg/L			09/09/21 11:26	1
Sulfate	**530**		100	28	mg/L			09/18/21 05:55	20

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.10**				SU			09/07/21 09:20	1

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

Job ID: 400-208073-1
SDG: Downgradient C

Client Sample ID: MW-305
Date Collected: 09/07/21 11:10
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-4
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	09/18/21 05:48	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/18/21 05:48	5
Barium	**0.015**		0.0025	0.00070	mg/L		09/12/21 15:40	09/18/21 05:48	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/18/21 05:48	5
Boron	0.018	U	0.050	0.018	mg/L		09/12/21 15:40	09/23/21 13:28	5
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/18/21 05:48	5
Calcium	**0.53**		0.25	0.13	mg/L		09/12/21 15:40	09/18/21 05:48	5
Chromium	**0.0012**	**I V**	0.0025	0.0010	mg/L		09/12/21 15:40	09/18/21 05:48	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/18/21 05:48	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/18/21 05:48	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/18/21 05:48	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/18/21 05:48	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/12/21 15:40	09/18/21 05:48	5
Thallium	0.00012	U	0.00050	0.00012	mg/L		09/12/21 15:40	09/23/21 13:28	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 16:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**24**		5.0	5.0	mg/L			09/09/21 15:41	1
Chloride	**7.0**		2.0	1.4	mg/L			09/18/21 21:28	1
Fluoride	0.032	U	0.10	0.032	mg/L			09/09/21 11:10	1
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/21 05:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.68**				SU			09/07/21 11:10	1

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

Job ID: 400-208073-1
SDG: Downgradient C

Client Sample ID: MW-308
Date Collected: 09/07/21 10:36
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-5
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	09/18/21 05:53	5
Arsenic	0.00039	U	0.0013	0.00039	mg/L		09/12/21 15:40	09/18/21 05:53	5
Barium	**0.029**		0.0025	0.00070	mg/L		09/12/21 15:40	09/18/21 05:53	5
Beryllium	0.00017	U	0.0025	0.00017	mg/L		09/12/21 15:40	09/18/21 05:53	5
Boron	**1.7**		0.25	0.090	mg/L		09/12/21 15:40	09/23/21 13:39	25
Cadmium	0.00028	U	0.0025	0.00028	mg/L		09/12/21 15:40	09/18/21 05:53	5
Calcium	**66**		0.25	0.13	mg/L		09/12/21 15:40	09/18/21 05:53	5
Chromium	**0.0022**	**I V**	0.0025	0.0010	mg/L		09/12/21 15:40	09/18/21 05:53	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/12/21 15:40	09/18/21 05:53	5
Lead	0.00029	U	0.0013	0.00029	mg/L		09/12/21 15:40	09/18/21 05:53	5
Lithium	0.0019	U	0.0050	0.0019	mg/L		09/12/21 15:40	09/18/21 05:53	5
Molybdenum	0.0045	U	0.015	0.0045	mg/L		09/12/21 15:40	09/18/21 05:53	5
Selenium	**0.0045**		0.0013	0.00082	mg/L		09/12/21 15:40	09/18/21 05:53	5
Thallium	**0.00016**	**I**	0.00050	0.00012	mg/L		09/12/21 15:40	09/23/21 13:33	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 16:08	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**450**		5.0	5.0	mg/L			09/09/21 15:41	1
Chloride	**88**		10	7.0	mg/L			09/18/21 22:07	5
Fluoride	**0.17**		0.10	0.032	mg/L			09/09/21 10:58	1
Sulfate	**140**		25	7.0	mg/L			09/18/21 05:48	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.13**				SU			09/07/21 10:36	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.

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: 400-208073-1
SDG: Downgradient C

Client Sample ID: MW-300

Lab Sample ID: 400-208073-1

Date Collected: 09/07/21 13:00

Matrix: Water

Date Received: 09/08/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547970	09/18/21 05:18	KW	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548621	09/23/21 13:03	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 16:01	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546747	09/09/21 15:41	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547924	09/18/21 21:27	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546703	09/09/21 11:30	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547883	09/18/21 05:30	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/07/21 13:00	FS	TAL PEN

Client Sample ID: MW-303

Lab Sample ID: 400-208073-2

Date Collected: 09/07/21 14:30

Matrix: Water

Date Received: 09/08/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547970	09/18/21 05:24	KW	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548621	09/23/21 13:08	LDC	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	548621	09/23/21 13:13	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 16:03	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546747	09/09/21 15:41	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547924	09/18/21 21:28	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546703	09/09/21 11:34	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	547883	09/18/21 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/07/21 14:30	FS	TAL PEN

Client Sample ID: MW-304

Lab Sample ID: 400-208073-3

Date Collected: 09/07/21 09:20

Matrix: Water

Date Received: 09/08/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547970	09/18/21 05:30	KW	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548621	09/23/21 13:18	LDC	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		10	548621	09/23/21 13:23	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 16:04	NET	TAL PEN

Client Sample ID: MW-304

Lab Sample ID: 400-208073-3

Date Collected: 09/07/21 09:20

Matrix: Water

Date Received: 09/08/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	546747	09/09/21 15:41	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547924	09/18/21 21:28	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546703	09/09/21 11:26	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		20	547883	09/18/21 05:55	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/07/21 09:20	FS	TAL PEN

Client Sample ID: MW-305

Lab Sample ID: 400-208073-4

Date Collected: 09/07/21 11:10

Matrix: Water

Date Received: 09/08/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547970	09/18/21 05:48	KW	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548621	09/23/21 13:28	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 16:06	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546747	09/09/21 15:41	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	547924	09/18/21 21:28	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546703	09/09/21 11:10	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	547883	09/18/21 05:30	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/07/21 11:10	FS	TAL PEN

Client Sample ID: MW-308

Lab Sample ID: 400-208073-5

Date Collected: 09/07/21 10:36

Matrix: Water

Date Received: 09/08/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	547970	09/18/21 05:53	KW	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	548621	09/23/21 13:33	LDC	TAL PEN
Total Recoverable	Prep	3005A			547095	09/12/21 15:40	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	548621	09/23/21 13:39	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 16:08	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	546747	09/09/21 15:41	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	547924	09/18/21 22:07	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	546703	09/09/21 10:58	KAK	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	547883	09/18/21 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	548712	09/07/21 10:36	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
400-208073-1	MW-300	Total/NA	Water	7470A	
400-208073-2	MW-303	Total/NA	Water	7470A	
400-208073-3	MW-304	Total/NA	Water	7470A	
400-208073-4	MW-305	Total/NA	Water	7470A	
400-208073-5	MW-308	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	

Prep Batch: 547095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total Recoverable	Water	3005A	
400-208073-2	MW-303	Total Recoverable	Water	3005A	
400-208073-3	MW-304	Total Recoverable	Water	3005A	
400-208073-4	MW-305	Total Recoverable	Water	3005A	
400-208073-5	MW-308	Total Recoverable	Water	3005A	
MB 400-547095/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 400-547095/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-207954-C-3-E MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-207954-C-3-F MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 547123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total/NA	Water	7470A	546743
400-208073-2	MW-303	Total/NA	Water	7470A	546743
400-208073-3	MW-304	Total/NA	Water	7470A	546743
400-208073-4	MW-305	Total/NA	Water	7470A	546743
400-208073-5	MW-308	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

Analysis Batch: 547970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total Recoverable	Water	6020	547095
400-208073-2	MW-303	Total Recoverable	Water	6020	547095
400-208073-3	MW-304	Total Recoverable	Water	6020	547095
400-208073-4	MW-305	Total Recoverable	Water	6020	547095
400-208073-5	MW-308	Total Recoverable	Water	6020	547095
LCS 400-547095/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	547095
400-207954-C-3-E MS ^5	Matrix Spike	Total Recoverable	Water	6020	547095
400-207954-C-3-F MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	547095

Analysis Batch: 548621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total Recoverable	Water	6020	547095
400-208073-2	MW-303	Total Recoverable	Water	6020	547095
400-208073-2	MW-303	Total Recoverable	Water	6020	547095
400-208073-3	MW-304	Total Recoverable	Water	6020	547095

Metals (Continued)

Analysis Batch: 548621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-3	MW-304	Total Recoverable	Water	6020	547095
400-208073-4	MW-305	Total Recoverable	Water	6020	547095
400-208073-5	MW-308	Total Recoverable	Water	6020	547095
400-208073-5	MW-308	Total Recoverable	Water	6020	547095

Analysis Batch: 548648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-547095/1-A	Method Blank	Total Recoverable	Water	6020	547095

Analysis Batch: 549080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-547095/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	547095

General Chemistry

Analysis Batch: 546703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total/NA	Water	SM 4500 F C	
400-208073-2	MW-303	Total/NA	Water	SM 4500 F C	
400-208073-3	MW-304	Total/NA	Water	SM 4500 F C	
400-208073-4	MW-305	Total/NA	Water	SM 4500 F C	
400-208073-5	MW-308	Total/NA	Water	SM 4500 F C	
MB 400-546703/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-546703/10	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-208073-5 MS	MW-308	Total/NA	Water	SM 4500 F C	
400-208073-5 MSD	MW-308	Total/NA	Water	SM 4500 F C	

Analysis Batch: 546747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total/NA	Water	SM 2540C	
400-208073-2	MW-303	Total/NA	Water	SM 2540C	
400-208073-3	MW-304	Total/NA	Water	SM 2540C	
400-208073-4	MW-305	Total/NA	Water	SM 2540C	
400-208073-5	MW-308	Total/NA	Water	SM 2540C	
MB 400-546747/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-546747/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-208073-4 DU	MW-305	Total/NA	Water	SM 2540C	

Analysis Batch: 547883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total/NA	Water	SM 4500 SO4 E	
400-208073-2	MW-303	Total/NA	Water	SM 4500 SO4 E	
400-208073-3	MW-304	Total/NA	Water	SM 4500 SO4 E	
400-208073-4	MW-305	Total/NA	Water	SM 4500 SO4 E	
400-208073-5	MW-308	Total/NA	Water	SM 4500 SO4 E	
MB 400-547883/6	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-547883/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-547883/3	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-208073-4 MS	MW-305	Total/NA	Water	SM 4500 SO4 E	
400-208073-4 MSD	MW-305	Total/NA	Water	SM 4500 SO4 E	

General Chemistry

Analysis Batch: 547924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total/NA	Water	SM 4500 Cl- E	
400-208073-2	MW-303	Total/NA	Water	SM 4500 Cl- E	
400-208073-3	MW-304	Total/NA	Water	SM 4500 Cl- E	
400-208073-4	MW-305	Total/NA	Water	SM 4500 Cl- E	
400-208073-5	MW-308	Total/NA	Water	SM 4500 Cl- E	
MB 400-547924/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-547924/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-547924/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-207992-B-9 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-207992-B-9 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 548712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-1	MW-300	Total/NA	Water	Field Sampling	
400-208073-2	MW-303	Total/NA	Water	Field Sampling	
400-208073-3	MW-304	Total/NA	Water	Field Sampling	
400-208073-4	MW-305	Total/NA	Water	Field Sampling	
400-208073-5	MW-308	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-547095/1-A
Matrix: Water
Analysis Batch: 548648

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 547095

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		09/12/21 15:40	09/23/21 12:27	1
Arsenic	0.000078	U	0.00025	0.000078	mg/L		09/12/21 15:40	09/23/21 12:27	1
Barium	0.00014	U	0.00050	0.00014	mg/L		09/12/21 15:40	09/23/21 12:27	1
Beryllium	0.000034	U	0.00050	0.000034	mg/L		09/12/21 15:40	09/23/21 12:27	1
Boron	0.0036	U	0.010	0.0036	mg/L		09/12/21 15:40	09/23/21 12:27	1
Cadmium	0.000056	U	0.00050	0.000056	mg/L		09/12/21 15:40	09/23/21 12:27	1
Calcium	0.025	U	0.050	0.025	mg/L		09/12/21 15:40	09/23/21 12:27	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		09/12/21 15:40	09/23/21 12:27	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		09/12/21 15:40	09/23/21 12:27	1
Lead	0.000245	I	0.00025	0.000058	mg/L		09/12/21 15:40	09/23/21 12:27	1
Lithium	0.000439	I	0.0010	0.00038	mg/L		09/12/21 15:40	09/23/21 12:27	1
Molybdenum	0.00090	U	0.0030	0.00090	mg/L		09/12/21 15:40	09/23/21 12:27	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		09/12/21 15:40	09/23/21 12:27	1
Thallium	0.000024	U	0.00010	0.000024	mg/L		09/12/21 15:40	09/23/21 12:27	1

Lab Sample ID: LCS 400-547095/2-A ^5
Matrix: Water
Analysis Batch: 547970

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 547095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0500	0.0461		mg/L		92	80 - 120

Lab Sample ID: LCS 400-547095/2-A ^5
Matrix: Water
Analysis Batch: 549080

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 547095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0478		mg/L		96	80 - 120
Barium	0.0500	0.0509		mg/L		102	80 - 120
Beryllium	0.0500	0.0512		mg/L		102	80 - 120
Boron	0.100	0.0937		mg/L		94	80 - 120
Cadmium	0.0500	0.0508		mg/L		102	80 - 120
Calcium	5.00	4.91		mg/L		98	80 - 120
Chromium	0.0500	0.0499		mg/L		100	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Lead	0.0500	0.0479		mg/L		96	80 - 120
Lithium	0.0500	0.0467		mg/L		93	80 - 120
Molybdenum	0.0500	0.0497		mg/L		99	80 - 120
Selenium	0.0500	0.0477		mg/L		95	80 - 120
Thallium	0.0100	0.00952		mg/L		95	80 - 120

Lab Sample ID: 400-207954-C-3-E MS ^5
Matrix: Water
Analysis Batch: 547970

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 547095

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0020	I	0.0500	0.0508		mg/L		98	75 - 125
Arsenic	0.0025		0.0500	0.0517		mg/L		98	75 - 125
Barium	0.036		0.0500	0.0806		mg/L		90	75 - 125

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

Lab Sample ID: 400-207954-C-3-E MS ^5
Matrix: Water
Analysis Batch: 547970

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 547095

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.00017	U	0.0500	0.0475		mg/L		95	75 - 125
Boron	0.11		0.100	0.214		mg/L		106	75 - 125
Cadmium	0.00028	U	0.0500	0.0473		mg/L		95	75 - 125
Calcium	38		5.00	40.2	J3	mg/L		45	75 - 125
Chromium	0.017		0.0500	0.0616		mg/L		89	75 - 125
Cobalt	0.00056	U	0.0500	0.0503		mg/L		101	75 - 125
Lead	0.00029	U	0.0500	0.0492		mg/L		98	75 - 125
Lithium	0.0046	I	0.0500	0.0570		mg/L		105	75 - 125
Molybdenum	0.0045	U	0.0500	0.0479		mg/L		96	75 - 125
Selenium	0.00082	U	0.0500	0.0478		mg/L		96	75 - 125
Thallium	0.0033	V	0.0100	0.0121	V	mg/L		88	75 - 125

Lab Sample ID: 400-207954-C-3-F MSD ^5
Matrix: Water
Analysis Batch: 547970

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 547095

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.0020	I	0.0500	0.0516		mg/L		99	75 - 125	2	20
Arsenic	0.0025		0.0500	0.0530		mg/L		101	75 - 125	2	20
Barium	0.036		0.0500	0.0799		mg/L		89	75 - 125	1	20
Beryllium	0.00017	U	0.0500	0.0468		mg/L		94	75 - 125	1	20
Boron	0.11		0.100	0.207		mg/L		99	75 - 125	3	20
Cadmium	0.00028	U	0.0500	0.0460		mg/L		92	75 - 125	3	20
Calcium	38		5.00	40.8	J3	mg/L		57	75 - 125	2	20
Chromium	0.017		0.0500	0.0633		mg/L		93	75 - 125	3	20
Cobalt	0.00056	U	0.0500	0.0515		mg/L		103	75 - 125	2	20
Lead	0.00029	U	0.0500	0.0498		mg/L		100	75 - 125	1	20
Lithium	0.0046	I	0.0500	0.0554		mg/L		102	75 - 125	3	20
Molybdenum	0.0045	U	0.0500	0.0485		mg/L		97	75 - 125	1	20
Selenium	0.00082	U	0.0500	0.0477		mg/L		95	75 - 125	0	20
Thallium	0.0033	V	0.0100	0.0120	V	mg/L		87	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
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Matrix Spike
Prep Type: Total/NA
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
Matrix: Water
Analysis Batch: 547123

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
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 400-546747/1
Matrix: Water
Analysis Batch: 546747

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			09/09/21 15:41	1

Lab Sample ID: LCS 400-546747/2
Matrix: Water
Analysis Batch: 546747

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: 400-208073-4 DU
Matrix: Water
Analysis Batch: 546747

Client Sample ID: MW-305
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	24		20.0	J3	mg/L		18	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-547924/6
Matrix: Water
Analysis Batch: 547924

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 21:25	1

Lab Sample ID: LCS 400-547924/7
Matrix: Water
Analysis Batch: 547924

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	29.0		mg/L		97	90 - 110

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

Lab Sample ID: MRL 400-547924/3
Matrix: Water
Analysis Batch: 547924

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	2.18		mg/L		109	50 - 150		

Lab Sample ID: 400-207992-B-9 MS
Matrix: Water
Analysis Batch: 547924

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	6.1		10.0	16.1		mg/L		99	73 - 120		

Lab Sample ID: 400-207992-B-9 MSD
Matrix: Water
Analysis Batch: 547924

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.1		10.0	16.4		mg/L		102	73 - 120	2	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-546703/3
Matrix: Water
Analysis Batch: 546703

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			09/09/21 10:24	1

Lab Sample ID: LCS 400-546703/10
Matrix: Water
Analysis Batch: 546703

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	5.48		mg/L		110	90 - 110		

Lab Sample ID: 400-208073-5 MS
Matrix: Water
Analysis Batch: 546703

Client Sample ID: MW-308
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	0.17		1.00	1.53	J3	mg/L		136	75 - 125		

Lab Sample ID: 400-208073-5 MSD
Matrix: Water
Analysis Batch: 546703

Client Sample ID: MW-308
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.17		1.00	1.16	J3	mg/L		99	75 - 125	28	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-547883/6
Matrix: Water
Analysis Batch: 547883

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 05:19	1

Lab Sample ID: LCS 400-547883/7
Matrix: Water
Analysis Batch: 547883

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 400-547883/3
Matrix: Water
Analysis Batch: 547883

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	4.82	I	mg/L		96	50 - 150

Lab Sample ID: 400-208073-4 MS
Matrix: Water
Analysis Batch: 547883

Client Sample ID: MW-305
Prep Type: Total/NA

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

Lab Sample ID: 400-208073-4 MSD
Matrix: Water
Analysis Batch: 547883

Client Sample ID: MW-305
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	11.2		mg/L		112	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: 400-104623-23629.1
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, 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:

400-208073 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:											
MW-300	9/7/21	1300	G	Water			X	X	X	X	X	X		
MW-303	9/7/21	1430	G	Water										
MW-304	9/7/21	0920	G	Water										
MW-305	9/7/21	1110	G	Water										
MW-308	9/7/21	1036	G	Water			X	X	X	X	X	X		
				Water										

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: 9/8/21 1132	Company RDH	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Received by:	Date/Time:	Company
Received by:	Date/Time:	Company
Received by:	Date/Time: 9-8-21 1132	Company BTO

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

Cooler Temperature(s) °C and Other Remarks: 2.1, 2.3°C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208073-1
SDG Number: Downgradient C

Login Number: 208073
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	2.1, 2.3°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: 400-208073-1
SDG: Downgradient C

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: 400-208073-2
Laboratory Sample Delivery Group: Downgradient C
Client Project/Site: CCR Plant Crist

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

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
10/28/2021 5:37:58 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Method Summary 4
Sample Summary 5
Client Sample Results 6
Definitions 11
Chronicle 12
QC Association 14
QC Sample Results 15
Chain of Custody 19
Receipt Checklists 20
Certification Summary 22

Job ID: 400-208073-2

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-208073-2

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-300 (400-208073-1), MW-303 (400-208073-2), (LCS 160-526810/1-A), (LCSD 160-526810/2-A) and (MB 160-526810/23-A)

Method 9315: Radium-226 Batch 526912. The method blank (MB) z-score associated with Prep Batch 526912 is within limits and is stored in the level IV raw data. (MB 160-526912/24-A).

Method 9315: Radium-226 Batch 526912. 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-304 (400-208073-3), MW-305 (400-208073-4), MW-308 (400-208073-5), (LCS 160-526912/1-A), (MB 160-526912/24-A), (480-189324-A-7-A), (480-189324-B-7-A MS) and (480-189324-A-7-B MSD)

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-300 (400-208073-1) and MW-303 (400-208073-2)

Method 9320: Radium-228 prep batch 160-526923. 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-304 (400-208073-3), MW-305 (400-208073-4), MW-308 (400-208073-5), (LCS 160-526923/1-A), (MB 160-526923/24-A), (480-189324-A-7-C), (480-189324-B-7-B MS) and (480-189324-A-7-D MSD)

Method PrecSep_0: Ra-228 Batch 160-526812. Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: MW-300 (400-208073-1) and MW-303 (400-208073-2). 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-300 (400-208073-1) and MW-303 (400-208073-2). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method Summary

l ient G u f iP wor nm l op ayt S
wmoc n/ G R g e G n: l l s wiyt G l nE W G

Job ID: 400-20106C-2
g Du : Dor t dmyj e nt G l

Method	Method Description	Protocol	Laboratory
3C5(	s yj e f p -229 F u) wl T	g 8 149	AL _ g _
3C20	s yj e f p -221 F u) wl T	g 8 149	AL _ g _
s y229N s y221	l op b e t nj s yj e f p -229 yt j s yj e f p -221	AL _-g A_	AL _ g _
wm/ g na N0	wm a y m y G e ot h wm/ e a e y G n g n a y m y G e ot	, ot n	AL _ g _
wm/ g na-25	wm a y m y G e ot h wm/ e a e y G n g n a y m y G e ot F25-D y S lt -u m or G=T	, ot n	AL _ g _

Protocol References:

, ot n " , ot n

g 8 149 " M n W G E n G=oj W) om v U y if y G e t d g oi e j 8 y W G h w=S W e y i R =np e/ y i E n G=oj W M A=e m j v j e e G o t h, o U h p b n m 5319 L t j l G W. aj y G n W O

AL _-g A_ " A n W G L p n m e/ y _ y b o m y G o m e n W h g G O_ of e W h) y/ e e S S g G y t j y m j 7 a n m y G e t d w m o/ n j f m n O

Laboratory References:

AL _ g _ " v f m o R e t W A n W G L p n m e/ y h g G O_ of e W h 5C65(s e j n m A m y e i , o m G=h v y m G= l e S h E 7 9C04(h A v _ F C54T231-1(99

v f m o R e t W A n W G L p n m e/ y h w n t W y/ o i y

Sample Summary

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

Job ID: 400-208073-2
SDG: Downgradient C

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-208073-1	MW-300	Water	09/07/21 13:00	09/08/21 11:32
400-208073-2	MW-303	Water	09/07/21 14:30	09/08/21 11:32
400-208073-3	MW-304	Water	09/07/21 09:20	09/08/21 11:32
400-208073-4	MW-305	Water	09/07/21 11:10	09/08/21 11:32
400-208073-5	MW-308	Water	09/07/21 10:36	09/08/21 11:32

Client Sample ID: MW-300

Date Collected: 0/ 8098 21 13:00
Date Received: 0/ 8078 21 11:32

Lab Sample ID: 400-207093-1

Matrix: Water

Met6od: / 31h - Radium-225 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-225	0.71/		0.306	0.315	1.00	0.356	pCi/L	09/13/21 14:09	10/13/21 13:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*40 - 110*	*09/13/21 14:09*	*10/13/21 13:00*	*1*

Met6od: / 320 - Radium-227 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-227	4.5h		0.538	0.687	1.00	0.444	pCi/L	09/13/21 14:46	10/12/21 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:23*	*1*
Y Carrier	*80.0*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:23*	*1*

Met6od: Ra225_Ra227 - Combined Radium-225 and Radium-227

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 225 + 227	h.49		0.619	0.756	5.00	0.444	pCi/L		10/18/21 21:29	1

Client Sample ID: MW-303

Date Collected: 0/ 8/098/21 14:30
Date Received: 0/ 8/078/21 11:32

Lab Sample ID: 400-207093-2

Matrix: Water

Met6od: / 31h - Radium-225 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-225	0.577		0.303	0.309	1.00	0.380	pCi/L	09/13/21 14:09	10/13/21 13:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*40 - 110*	*09/13/21 14:09*	*10/13/21 13:00*	*1*

Met6od: / 320 - Radium-227 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-227	h.34		0.569	0.751	1.00	0.420	pCi/L	09/13/21 14:46	10/12/21 12:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:24*	*1*
Y Carrier	*85.6*		*40 - 110*	*09/13/21 14:46*	*10/12/21 12:24*	*1*

Met6od: Ra225_Ra227 - Combined Radium-225 and Radium-227

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 225 + 227	5.02		0.645	0.812	5.00	0.420	pCi/L		10/18/21 21:29	1

Client Sample ID: MW-304

Date Collected: 0/ 8/098/21 0/ :20
Date Received: 0/ 8/078/21 11:32

Lab Sample ID: 400-207093-3

Matrix: Water

Met6od: / 31h - Radium-225 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-225	1.h/		0.373	0.399	1.00	0.325	pCi/L	09/14/21 09:45	10/15/21 09:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*40 - 110*	*09/14/21 09:45*	*10/15/21 09:41*	*1*

Met6od: / 320 - Radium-227 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-227	4.50		0.553	0.696	1.00	0.503	pCi/L	09/14/21 11:15	10/14/21 13:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*40 - 110*	*09/14/21 11:15*	*10/14/21 13:02*	*1*
Y Carrier	*83.7*		*40 - 110*	*09/14/21 11:15*	*10/14/21 13:02*	*1*

Met6od: Ra225_Ra227 - Combined Radium-225 and Radium-227

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 225 + 227	5.1/		0.667	0.802	5.00	0.503	pCi/L		10/28/21 13:42	1

Client Sample ID: MW-30h

Date Collected: 0/ 8/098/21 11:10
Date Received: 0/ 8/078/21 11:32

Lab Sample ID: 400-207093-4

Matrix: Water

Met6od: / 31h - Radium-225 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-225	0.544		0.276	0.282	1.00	0.331	pCi/L	09/14/21 09:45	10/15/21 09:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.7*		*40 - 110*	*09/14/21 09:45*	*10/15/21 09:42*	*1*

Met6od: / 320 - Radium-227 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-227	0./ h7		0.341	0.352	1.00	0.459	pCi/L	09/14/21 11:15	10/14/21 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.7*		*40 - 110*	*09/14/21 11:15*	*10/14/21 13:03*	*1*
Y Carrier	*81.5*		*40 - 110*	*09/14/21 11:15*	*10/14/21 13:03*	*1*

Met6od: Ra225_Ra227 - Combined Radium-225 and Radium-227

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 225 + 227	1.50		0.439	0.451	5.00	0.459	pCi/L		10/28/21 13:42	1

Client Sample ID: MW-307

Date Collected: 0/ 8/098/21 10:35
Date Received: 0/ 8/078/21 11:32

Lab Sample ID: 400-207093-h

Matrix: Water

Met6od: / 31h - Radium-225 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-225	0.994		0.271	0.280	1.00	0.288	pCi/L	09/14/21 09:45	10/15/21 09:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.6*		*40 - 110*	*09/14/21 09:45*	*10/15/21 09:42*	*1*

Met6od: / 320 - Radium-227 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-227	1.54		0.360	0.391	1.00	0.418	pCi/L	09/14/21 11:15	10/14/21 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.6*		*40 - 110*	*09/14/21 11:15*	*10/14/21 13:03*	*1*
Y Carrier	*86.7*		*40 - 110*	*09/14/21 11:15*	*10/14/21 13:03*	*1*

Met6od: Ra225_Ra227 - Combined Radium-225 and Radium-227

Analyte	Result	Qualifier	Count Uncert. (2σ+8)	Total Uncert. (2σ+8)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 225 + 227	2.42		0.451	0.481	5.00	0.418	pCi/L		10/28/21 13:42	1

Definitions/Glossary

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

Job ID: 400-208073-2
SDG: Downgradient C

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

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

Job ID: 400-208073-2
SDG: Downgradient C

Client Sample ID: MW-300
Date Collected: 09/07/21 13:00
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-1
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 13:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531122	10/12/21 12:23	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Client Sample ID: MW-303
Date Collected: 09/07/21 14:30
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-2
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 13:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			526812	09/13/21 14:46	MJ	TAL SL
Total/NA	Analysis	9320		1	531122	10/12/21 12:24	ANW	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	532588	10/18/21 21:29	MLK	TAL SL

Client Sample ID: MW-304
Date Collected: 09/07/21 09:20
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526912	09/14/21 09:45	MJ	TAL SL
Total/NA	Analysis	9315		1	531971	10/15/21 09:41	ANW	TAL SL
Total/NA	Prep	PrecSep_0			526923	09/14/21 11:15	MJ	TAL SL
Total/NA	Analysis	9320		1	531911	10/14/21 13:02	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	534141	10/28/21 13:42	CAH	TAL SL

Client Sample ID: MW-305
Date Collected: 09/07/21 11:10
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526912	09/14/21 09:45	MJ	TAL SL
Total/NA	Analysis	9315		1	531971	10/15/21 09:42	ANW	TAL SL
Total/NA	Prep	PrecSep_0			526923	09/14/21 11:15	MJ	TAL SL
Total/NA	Analysis	9320		1	531911	10/14/21 13:03	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	534141	10/28/21 13:42	CAH	TAL SL

Lab Chronicle

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

Job ID: 400-208073-2
SDG: Downgradient C

Client Sample ID: MW-308
Date Collected: 09/07/21 10:36
Date Received: 09/08/21 11:32

Lab Sample ID: 400-208073-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			526912	09/14/21 09:45	MJ	TAL SL
Total/NA	Analysis	9315		1	531971	10/15/21 09:42	ANW	TAL SL
Total/NA	Prep	PrecSep_0			526923	09/14/21 11:15	MJ	TAL SL
Total/NA	Analysis	9320		1	531911	10/14/21 13:03	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	534141	10/28/21 13:42	CAH	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
400-208073-1	MW-300	Total/NA	Water	PrecSep-21	
400-208073-2	MW-303	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
400-208073-1	MW-300	Total/NA	Water	PrecSep_0	
400-208073-2	MW-303	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	

Prep Batch: 526912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-3	MW-304	Total/NA	Water	PrecSep-21	
400-208073-4	MW-305	Total/NA	Water	PrecSep-21	
400-208073-5	MW-308	Total/NA	Water	PrecSep-21	
MB 160-526912/24-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-526912/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
480-189324-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep-21	
480-189324-B-7-A MS	Matrix Spike	Total/NA	Water	PrecSep-21	

Prep Batch: 526923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-208073-3	MW-304	Total/NA	Water	PrecSep_0	
400-208073-4	MW-305	Total/NA	Water	PrecSep_0	
400-208073-5	MW-308	Total/NA	Water	PrecSep_0	
MB 160-526923/24-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-526923/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
480-189324-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep_0	
480-189324-B-7-B MS	Matrix Spike	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-52641082 3-/
MatAir : x ateA
/ nalTsis BatNh: 5313c1

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 526410

/ nalTte	MB Result	MB QualiUeA	Count z nNeAtf (27 o8-)	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
s yj ef p -228	0906 36C	7	09251	09251	5900	09CL4	al eR	0LR5CR25 54:0L	50R5CR25 5C:00	5

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	8: .1		40 - 110	0/ 2162 1 1430/	102162 1 1630 0	1

Lab Sample ID: LCS 160-52641081-/
MatAir : x ateA
/ nalTsis BatNh: 5313c1

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 526410

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	. ReN	. ReNf Limits		
s yj ef p -228			559C	5595C		59C4	5900	09C08	al eR	L1	63 - 523		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.:		40 - 110

Lab Sample ID: LCSD 160-52641082-/
MatAir : x ateA
/ nalTsis BatNh: 5313c1

Client Sample ID: Lab ContAol Sample Dup
PAep WTpe: Wotal8y /
PAep BatNh: 526410

/ nalTte			Spike / dded	LCSD Result	LCSD Qual	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	. ReN	. ReNf Limits	R%R	R%R Limit
s yj ef p -228			559C	509L3		59CL	5900	09C1L	al eR	L6	63 - 523	0908	5

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	97.Y		40 - 110

Lab Sample ID: MB 160-52691282c-/
MatAir : x ateA
/ nalTsis BatNh: 5319E1

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 526912

/ nalTte	MB Result	MB QualiUeA	Count z nNeAtf (27 o8-)	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
s yj ef p -228	095L8L	7	09286	09281	5900	0944L	al eR	0LR54R25 0L:43	50R53R25 0L:4C	5

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		40 - 110	0/ 2142 1 0/ 34Y	1021Y2 1 0/ 346	1

Lab Sample ID: LCS 160-52691281-/
MatAir : x ateA
/ nalTsis BatNh: 531943

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 526912

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	. ReN	. ReNf Limits		
s yj ef p -228			559C	50965		59C0	5900	09CC5	al eR	L4	63 - 523		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-5269128 1-/
MatAir : x ateA
/ nalTsis BatNh: 531943

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 526912

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	/ 6.1		40 - 110

Lab Sample ID: c40-14932c-/ -E-B MSD
MatAir : x ateA
/ nalTsis BatNh: 5319E1

Client Sample ID: MatAir Spike DupliNate
PAep WTpe: Wotal8y /
PAep BatNh: 526912

/ nalTte	Sample Result	Sample Qual	Spike / dded	MSD Result	MSD Qual	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	. ReN	. ReNf Limits	R%R	R%R Limit
s yj ef p -228	096C8		559C	5C9C2		5985	5900	09404	al eR	555	63 - 5C1	09L3	5

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	81.8		40 - 110

Lab Sample ID: c40-14932c-B-E-/ MS
MatAir : x ateA
/ nalTsis BatNh: 5319E1

Client Sample ID: MatAir Spike
PAep WTpe: Wotal8y /
PAep BatNh: 526912

/ nalTte	Sample Result	Sample Qual	Spike / dded	MS Result	MS Qual	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	. ReN	. ReNf Limits		
s yj ef p -228	096C8		559C	50983		5900	5900	09CC2	al eR	16	63 - 5C1		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	89.Y		40 - 110

Method: 9320 - Radium-224 (GFPC)

Lab Sample ID: MB 160-5264128 23-/
MatAir : x ateA
/ nalTsis BatNh: 531122

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 526412

/ nalTte	MB Result	MB QualiUeA	Count z nNeAtf (27 o8-)	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
s yj ef p -221	0985L5		09231	0928C	5900	09C60	al eR	0LR5CR25 54:48	50R52R25 52:24	5

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	8: .1		40 - 110	0/ 2162 1 14347	102 1: 2 1 1: 3 4	1
5 Carrier	89.Y		40 - 110	0/ 2162 1 14347	102 1: 2 1 1: 3 4	1

Lab Sample ID: LCS 160-5264128 1-/
MatAir : x ateA
/ nalTsis BatNh: 531336

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 526412

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	. ReN	. ReNf Limits		
s yj ef p -221			L923	50980		5922	5900	09453	al eR	554	63 - 523		

Method: 9320 - Radium-224 (GFPC) (Continued)

Lab Sample ID: LCS 160-526412 1-/
MatAr : x ateA
/ nalTsis BatNh: 531336

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 526412

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.:		40 - 110
5 Carrier	81.1		40 - 110

Lab Sample ID: LCSD 160-526412 2-/
MatAr : x ateA
/ nalTsis BatNh: 531336

Client Sample ID: Lab ContAol Sample Dup
PAep WTpe: Wotal8y /
PAep BatNh: 526412

/ nalTte			Spike / dded	LCSD Result	LCSD Qual	Wotal z nNeAf (27 o8)	RL	MDC	z nit	. ReN	. ReNf Limits	R%R	R%R Limit
s yj ef p -221			L923	5098 5		5921	5900	0934 3	al eR	553	63 - 523	0903	5

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	97.Y		40 - 110
5 Carrier	80.9		40 - 110

Lab Sample ID: MB 160-526923 2c-/
MatAr : x ateA
/ nalTsis BatNh: 531911

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 526923

/ nalTte	MB Result	MB QualiUeA	Count z nNeAf (27 o8)	Wotal z nNeAf (27 o8)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
s yj ef p -221	095CC3	7	09C56	09C51	5900	0934 8	al eR	0LR54F25 55:53	50R54F25 5C:04	5

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		40 - 110	0/ 2142 1 113Y	102142 1 1630 4	1
5 Carrier	86.9		40 - 110	0/ 2142 1 113Y	102142 1 1630 4	1

Lab Sample ID: LCS 160-526923 1-/
MatAr : x ateA
/ nalTsis BatNh: 531954

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 526923

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAf (27 o8)	RL	MDC	z nit	. ReN	. ReNf Limits		
s yj ef p -221			L924	5092 8		5920	5900	0944 3	al eR	555	63 - 523		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	/ 6.1		40 - 110
5 Carrier	86.9		40 - 110

Lab Sample ID: c40-14932c-/ -E-D MSD
MatAr : x ateA
/ nalTsis BatNh: 531911

Client Sample ID: MatAr Spike DupliNate
PAep WTpe: Wotal8y /
PAep BatNh: 526923

/ nalTte	Sample Result	Sample Qual	Spike / dded	MSD Result	MSD Qual	Wotal z nNeAf (27 o8)	RL	MDC	z nit	. ReN	. ReNf Limits	R%R	R%R Limit
s yj ef p -221	0988 5		L923	L966L		5920	5900	0932 5	al eR	LL	43 - 530	0953	5

Method: 9320 - Radium-224 (GFPC) (Continued)

Lab Sample ID: c40-14932c-/ -E-D MSD
MatAir : x ateA
/ nalTsis BatNh: 531911

Client Sample ID: MatAir Spike DupliNate
PAep WTpe: Wotal8y /
PAep BatNh: 526923

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	81.8		40 - 110
5 Carrier	8: .:		40 - 110

Lab Sample ID: c40-14932c-B-E-B MS
MatAir : x ateA
/ nalTsis BatNh: 531911

Client Sample ID: MatAir Spike
PAep WTpe: Wotal8y /
PAep BatNh: 526923

/ nalTte	Sample Result	Sample Qual	Spike / dded	MS Result	MS Qual	Wotal z nNeAtf (27 o8-)	RL	MDC	z nit	. ReN	. ReNf Limits		
s yj ef p -221	09885		L924	5095C		5922	5900	094L5	al eR	502	43 - 530		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	89.Y		40 - 110
5 Carrier	9/ .6		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: 400-104623-23629.1
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

400-208073 COC

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
				Preservation Code:										
MW-300	9/7/21	1300	G	Water			X	X	X	X	X	X		
MW-303	9/7/21	1430	G	Water										
MW-304	9/7/21	0920	G	Water										
MW-305	9/7/21	1110	G	Water										
MW-308	9/7/21	1036	G	Water			X	X	X	X	X	X		
				Water										

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: 9/8/21 1132	Company RDH	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time:	Company
9-8-21 1132	BTO

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

Cooler Temperature(s) °C and Other Remarks: 2.1, 2.3°C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-208073-2
SDG Number: Downgradient C

Login Number: 208073
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	2.1, 2.3°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: 400-208073-2
SDG Number: Downgradient C

Login Number: 208073
List Number: 2
Creator: Mazariegos, Leonel A

List Source: Eurofins TestAmerica, St. Louis
List Creation: 09/09/21 03:29 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
Proce/ tSRite: CCs Plant CriBt

Job ID: 400-20103j -2
RDG: Downkragient C

Laboratory: Eurofins TestAmerica, StPLouis

dll a/ / regitationBS3ertifi/ ationB Aelg by tAiB laboratory are liBtegh . ot all a/ / regitationBS3ertifi/ ationB are appli/ able to tAiB reporth

Autl ority	hrogram	Identification Number	Expiration Date
dlaBNa (URT)	Rtate	20-005	06-0E-22
d. dL	Depthof DefenBe O7dP	72j 06	04-0E-22
d. dL	Depthof Onerky	72j 06h05	04-0E-22
d. dL	IRz 3OC 53026	72j 06	04-0E-22
driZona	Rtate	d8015j	52-01-25
California	7oBdnkeleB County Ranitation DiBtri/ tB	50269	0E-j 0-22
California	Rtate	211E	0E-j 0-25 H
Conne/ ti/ ut	Rtate	P* -0245	0j -j 5-2j
Floriga	. O7dP	O13E19	0E-j 0-22
* l - s agCAem s e/ oknition	Rtate	nSa	0E-j 0-22
IllinoiB	. O7dP	20002j	55-j 0-22
Iowa	Rtate	j 3j	52-05-22
KanBaB	. O7dP	O-502j E	50-j 5-25
Kentu/ Ny (DW)	Rtate	KY90526	05-05-22
Kentu/ Ny (WW)	Rtate	KY90526 (Permit KY0004049)	52-j 5-25
7ouiBiana	. O7dP	04010	0E-j 0-22
7ouiBiana (DW)	Rtate	7d055	52-j 5-25
Marylang	Rtate	j 50	09-j 0-22
MI - s agCAem s e/ oknition	Rtate	9006	0E-j 0-22
MiBBouri	Rtate	310	0E-j 0-22
. evaga	Rtate	Mz 000642020-5	03-j 5-22
. ew JerBey	. O7dP	Mz 002	0E-j 0-22
. ew YorN	. O7dP	55E5E	04-05-22
. ortA DaNota	Rtate	s -203	0E-j 0-22
. s C	. s C	24-24153-05	52-j 5-22
z NaAoma	Rtate	9993	01-j 5-22
z rekon	. O7dP	4563	09-05-22
PennBylvania	. O7dP	E1-00640	0j -05-22
RoutA Carolina	Rtate	16002005	0E-j 0-22
TexaB	. O7dP	T50430459j	03-j 5-22
UR FiBA & Wilglife	UR Fegeral ProkramB	061441	03-j 5-22
URDd	UR Fegeral ProkramB	Pj j 0-53-00021	0j -55-2j
UtaA	. O7dP	Mz 000642025-54	01-05-22
Virkinia	. O7dP	50j 50	0E-54-22
WaBAinkton	Rtate	C692	01-j 0-22
WeBt Virkinia DOP	Rtate	j 15	50-j 5-22

Hd/ / regitationSCertifi/ ation renewal pengink - a/ / regitationS3ertifi/ ation / onBigereg valigh

OurofinB TeBtd meri/ a, PenBa/ ola

10/28/2021

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:

Created using VuSitu from In-Situ, Inc.

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:

Created using VuSitu from In-Situ, Inc.

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

Low-Flow Test Report:

Test Date / Time: 3/31/2021 11:23:07 AM
Project: Crist CCR (8)
Operator Name: Trevor Braddock

Location Name: MW-300 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 68 ft** **Total Depth: 78 ft** **Initial Depth to Water: 57.7 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 73 ft** **Estimated Total Volume Pumped: 36000 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 1300 . Dup- 03 sample time 1200

Weather Conditions:
Sunny 65

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	
3/31/2021 11:23 AM	00:00	4.67 pH	22.36 °C	36.04 µS/cm	4.96 mg/L	14.98 NTU	200.7 mV	57.70 ft	400.00 ml/min
3/31/2021 11:28 AM	05:00	4.67 pH	21.08 °C	36.11 µS/cm	4.97 mg/L	11.34 NTU	174.2 mV	57.70 ft	400.00 ml/min
3/31/2021 11:33 AM	10:00	4.67 pH	20.93 °C	37.02 µS/cm	5.20 mg/L	8.45 NTU	160.7 mV	57.70 ft	400.00 ml/min
3/31/2021 11:38 AM	15:00	4.66 pH	20.84 °C	36.41 µS/cm	5.10 mg/L	5.12 NTU	151.3 mV	57.70 ft	400.00 ml/min
3/31/2021 11:43 AM	20:00	4.68 pH	20.85 °C	36.88 µS/cm	5.14 mg/L	4.98 NTU	143.0 mV	57.70 ft	400.00 ml/min
3/31/2021 11:48 AM	25:00	4.68 pH	20.75 °C	37.38 µS/cm	5.21 mg/L	4.12 NTU	138.2 mV	57.70 ft	400.00 ml/min
3/31/2021 11:53 AM	30:00	4.67 pH	20.98 °C	37.20 µS/cm	5.37 mg/L	3.33 NTU	134.9 mV	57.70 ft	400.00 ml/min
3/31/2021 11:58 AM	35:00	4.65 pH	20.99 °C	37.18 µS/cm	5.17 mg/L	3.02 NTU	195.7 mV	57.70 ft	400.00 ml/min
3/31/2021 12:03 PM	40:00	4.67 pH	20.98 °C	37.21 µS/cm	5.19 mg/L	2.78 NTU	133.8 mV	57.70 ft	400.00 ml/min
3/31/2021 12:08 PM	45:00	4.68 pH	20.86 °C	37.19 µS/cm	5.18 mg/L	2.58 NTU	129.2 mV	57.70 ft	400.00 ml/min
3/31/2021 12:13 PM	50:00	4.68 pH	20.93 °C	37.19 µS/cm	5.29 mg/L	2.36 NTU	127.2 mV	57.70 ft	400.00 ml/min
3/31/2021 12:18 PM	55:00	4.68 pH	21.02 °C	37.05 µS/cm	5.17 mg/L	2.22 NTU	122.7 mV	57.70 ft	400.00 ml/min
3/31/2021 12:23 PM	01:00:00	4.68 pH	21.06 °C	37.04 µS/cm	5.22 mg/L	2.30 NTU	177.1 mV	57.70 ft	400.00 ml/min

3/31/2021 12:28 PM	01:05:00	4.68 pH	20.98 °C	36.95 µS/cm	5.15 mg/L	2.42 NTU	124.0 mV	57.70 ft	400.00 ml/min
3/31/2021 12:33 PM	01:10:00	4.69 pH	21.19 °C	36.66 µS/cm	5.12 mg/L	2.31 NTU	121.8 mV	57.70 ft	400.00 ml/min
3/31/2021 12:38 PM	01:15:00	4.69 pH	21.46 °C	37.35 µS/cm	5.21 mg/L	2.41 NTU	121.0 mV	57.70 ft	400.00 ml/min
3/31/2021 12:43 PM	01:20:00	4.66 pH	21.18 °C	37.12 µS/cm	5.20 mg/L	2.02 NTU	121.3 mV	57.70 ft	400.00 ml/min
3/31/2021 12:48 PM	01:25:00	4.65 pH	21.06 °C	36.90 µS/cm	5.10 mg/L	2.21 NTU	120.0 mV	57.70 ft	400.00 ml/min
3/31/2021 12:53 PM	01:30:00	4.69 pH	21.13 °C	36.98 µS/cm	5.14 mg/L	1.91 NTU	118.2 mV	57.70 ft	400.00 ml/min

Samples

Sample ID:	Description:

Product Name: Low-Flow System

Date: 2021-04-01 09:39:05

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	Crist CCR LF-2	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	70 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	58 ft

Well Information:		Pumping Information:	
Well ID	MW-303	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5324396 L
Well Total Depth	63 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.05 in
Depth to Water	35.95 ft	Total Volume Pumped	10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	09:17:18	300.03	21.67	6.86	931.65	6.18	36.00	1.69	99.76
Last 5	09:22:18	600.02	22.11	6.66	943.19	4.03	36.00	1.57	99.70
Last 5	09:27:18	900.02	22.58	6.55	945.18	5.27	36.00	1.56	100.43
Last 5	09:32:18	1200.02	22.49	6.51	939.65	2.64	36.00	1.52	99.74
Last 5	09:37:18	1500.03	22.54	6.46	935.93	1.87	36.00	1.51	99.04
Variance 0			0.47	-0.11	2.00			-0.01	0.73
Variance 1			-0.09	-0.04	-5.53			-0.04	-0.69
Variance 2			0.05	-0.05	-3.73			-0.01	-0.70

Notes

Sample@0938, Sunny 50, EB-02@0945

Grab Samples

Low-Flow Test Report:

Test Date / Time: 4/1/2021 8:39:43 AM
Project: Crist CCR (9)
Operator Name: Trevor Braddock

Location Name: Mw-304 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 43 ft** **Total Depth: 53 ft** **Initial Depth to Water: 34.5 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 48 ft** **Estimated Total Volume Pumped: 45900 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 1040

Weather Conditions:
sunny 57

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 8:39 AM	00:00	5.87 pH	18.43 °C	1,460.8 µS/cm	0.73 mg/L	6.98 NTU	117.7 mV	34.50 ft	400.00 ml/min
4/1/2021 8:44 AM	05:00	5.85 pH	20.31 °C	1,482.0 µS/cm	0.41 mg/L	6.01 NTU	133.7 mV	34.50 ft	400.00 ml/min
4/1/2021 8:49 AM	10:00	5.83 pH	20.60 °C	1,458.8 µS/cm	0.36 mg/L	5.35 NTU	93.0 mV	34.50 ft	400.00 ml/min
4/1/2021 8:54 AM	15:00	5.84 pH	20.75 °C	1,478.8 µS/cm	0.33 mg/L	5.22 NTU	120.1 mV	34.50 ft	400.00 ml/min
4/1/2021 8:59 AM	20:00	5.84 pH	20.79 °C	1,459.0 µS/cm	0.29 mg/L	4.70 NTU	87.0 mV	34.50 ft	400.00 ml/min
4/1/2021 9:04 AM	25:00	5.87 pH	20.99 °C	1,475.0 µS/cm	0.25 mg/L	4.63 NTU	82.5 mV	34.50 ft	400.00 ml/min
4/1/2021 9:09 AM	30:00	5.86 pH	21.05 °C	1,481.3 µS/cm	0.26 mg/L	4.52 NTU	80.9 mV	34.50 ft	400.00 ml/min
4/1/2021 9:14 AM	35:00	5.86 pH	20.57 °C	1,460.0 µS/cm	0.27 mg/L	4.32 NTU	79.2 mV	34.50 ft	400.00 ml/min
4/1/2021 9:19 AM	40:00	5.84 pH	19.86 °C	1,519.9 µS/cm	0.34 mg/L	4.22 NTU	101.7 mV	34.50 ft	400.00 ml/min
4/1/2021 9:24 AM	45:00	5.83 pH	21.13 °C	1,473.8 µS/cm	0.27 mg/L	4.02 NTU	79.5 mV	34.50 ft	400.00 ml/min
4/1/2021 9:29 AM	50:00	5.83 pH	21.10 °C	1,476.8 µS/cm	0.27 mg/L	3.76 NTU	77.8 mV	34.50 ft	400.00 ml/min
4/1/2021 9:34 AM	55:00	5.84 pH	21.08 °C	1,482.5 µS/cm	0.26 mg/L	3.31 NTU	76.6 mV	34.50 ft	400.00 ml/min
4/1/2021 9:39 AM	01:00:00	5.83 pH	21.19 °C	1,491.7 µS/cm	0.26 mg/L	2.71 NTU	99.1 mV	34.50 ft	400.00 ml/min

4/1/2021 9:44 AM	01:05:00	5.83 pH	21.21 °C	1,478.6 µS/cm	0.27 mg/L	2.45 NTU	77.8 mV	34.50 ft	400.00 ml/min
4/1/2021 9:49 AM	01:10:00	5.83 pH	21.28 °C	1,490.9 µS/cm	0.26 mg/L	2.34 NTU	75.7 mV	34.50 ft	400.00 ml/min
4/1/2021 9:54 AM	01:15:00	5.82 pH	21.02 °C	1,483.2 µS/cm	0.27 mg/L	2.29 NTU	96.8 mV	34.50 ft	400.00 ml/min
4/1/2021 9:59 AM	01:20:00	5.82 pH	20.95 °C	1,494.8 µS/cm	0.27 mg/L	2.17 NTU	97.6 mV	34.50 ft	400.00 ml/min
4/1/2021 10:04 AM	01:25:00	5.82 pH	21.00 °C	1,488.5 µS/cm	0.27 mg/L	1.94 NTU	75.7 mV	34.50 ft	400.00 ml/min
4/1/2021 10:09 AM	01:30:00	5.82 pH	21.01 °C	1,501.3 µS/cm	0.27 mg/L	1.97 NTU	94.9 mV	34.50 ft	400.00 ml/min
4/1/2021 10:14 AM	01:35:00	5.82 pH	21.02 °C	1,502.5 µS/cm	0.26 mg/L	1.82 NTU	95.8 mV	34.50 ft	400.00 ml/min
4/1/2021 10:19 AM	01:40:00	5.81 pH	20.97 °C	1,478.9 µS/cm	0.27 mg/L	1.71 NTU	74.9 mV	34.50 ft	400.00 ml/min
4/1/2021 10:24 AM	01:45:00	5.82 pH	20.93 °C	1,493.3 µS/cm	0.26 mg/L	1.70 NTU	73.0 mV	34.50 ft	400.00 ml/min
4/1/2021 10:29 AM	01:50:00	5.81 pH	20.99 °C	1,502.5 µS/cm	0.26 mg/L	1.63 NTU	92.3 mV	34.50 ft	400.00 ml/min
4/1/2021 10:30 AM	01:50:45	5.81 pH	21.02 °C	1,505.5 µS/cm	0.27 mg/L	1.62 NTU	92.6 mV	34.50 ft	400.00 ml/min
4/1/2021 10:31 AM	01:51:45	5.81 pH	21.07 °C	1,484.8 µS/cm	0.27 mg/L	1.60 NTU	73.5 mV	34.50 ft	400.00 ml/min
4/1/2021 10:32 AM	01:52:45	5.81 pH	21.04 °C	1,500.9 µS/cm	0.27 mg/L	1.72 NTU	86.2 mV	34.50 ft	400.00 ml/min
4/1/2021 10:33 AM	01:53:45	5.81 pH	21.02 °C	1,505.1 µS/cm	0.27 mg/L	1.83 NTU	89.1 mV	34.50 ft	400.00 ml/min
4/1/2021 10:34 AM	01:54:45	5.81 pH	21.06 °C	1,503.3 µS/cm	0.27 mg/L	1.92 NTU	90.5 mV	34.50 ft	400.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/1/2021 11:13:38 AM
Project: Crist CCR (11)
Operator Name: Trevor Braddock

Location Name: Mw-305 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 63 ft** **Total Depth: 73 ft** **Initial Depth to Water: 49.59 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 68 ft** **Estimated Total Volume Pumped: 28000 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 1230

Weather Conditions:
Sunny 70

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 11:13 AM	00:00	5.01 pH	20.04 °C	38.90 µS/cm	6.71 mg/L	12.60 NTU	132.1 mV	49.59 ft	400.00 ml/min
4/1/2021 11:18 AM	05:00	4.88 pH	19.98 °C	34.64 µS/cm	6.70 mg/L	14.60 NTU	146.0 mV	49.65 ft	400.00 ml/min
4/1/2021 11:23 AM	10:00	4.89 pH	20.26 °C	33.28 µS/cm	6.69 mg/L	14.70 NTU	144.1 mV	49.65 ft	400.00 ml/min
4/1/2021 11:28 AM	15:00	4.86 pH	20.17 °C	33.89 µS/cm	6.64 mg/L	10.11 NTU	141.5 mV	49.65 ft	400.00 ml/min
4/1/2021 11:33 AM	20:00	4.84 pH	20.40 °C	33.92 µS/cm	6.69 mg/L	9.14 NTU	138.5 mV	49.65 ft	400.00 ml/min
4/1/2021 11:38 AM	25:00	4.86 pH	20.61 °C	33.53 µS/cm	6.65 mg/L	8.43 NTU	135.7 mV	49.65 ft	400.00 ml/min
4/1/2021 11:43 AM	30:00	4.86 pH	20.63 °C	34.20 µS/cm	6.64 mg/L	7.40 NTU	132.8 mV	49.65 ft	400.00 ml/min
4/1/2021 11:48 AM	35:00	4.85 pH	20.66 °C	35.48 µS/cm	6.64 mg/L	5.76 NTU	130.8 mV	49.65 ft	400.00 ml/min
4/1/2021 11:53 AM	40:00	4.82 pH	20.71 °C	35.65 µS/cm	6.66 mg/L	3.87 NTU	130.1 mV	49.65 ft	400.00 ml/min
4/1/2021 11:58 AM	45:00	4.83 pH	20.75 °C	35.64 µS/cm	6.63 mg/L	3.33 NTU	128.0 mV	49.65 ft	400.00 ml/min
4/1/2021 12:03 PM	50:00	4.84 pH	20.83 °C	36.15 µS/cm	6.67 mg/L	2.92 NTU	125.8 mV	49.65 ft	400.00 ml/min
4/1/2021 12:08 PM	55:00	4.84 pH	20.84 °C	36.19 µS/cm	6.65 mg/L	2.47 NTU	125.1 mV	49.65 ft	400.00 ml/min
4/1/2021 12:13 PM	01:00:00	4.83 pH	20.51 °C	36.09 µS/cm	6.66 mg/L	2.08 NTU	123.4 mV	49.65 ft	400.00 ml/min

4/1/2021 12:18 PM	01:05:00	4.83 pH	20.54 °C	36.50 µS/cm	6.66 mg/L	1.84 NTU	123.2 mV	49.65 ft	400.00 ml/min
4/1/2021 12:23 PM	01:10:00	4.83 pH	20.56 °C	36.37 µS/cm	6.66 mg/L	1.49 NTU	122.3 mV	49.65 ft	400.00 ml/min

Samples

Sample ID:	Description:

Product Name: Low-Flow System

Date: 2021-04-01 08:46:37

Project Information:		Pump Information:	
Operator Name	Brett Surles	Pump Model/Type	QED
Company Name	RDH	Tubing Type	PE
Project Name	Crist CCR LF-2	Tubing Diameter	.17 in
Site Name	Crist plant CCR	Tubing Length	70 ft
Latitude	0° 0' 0"		
Longitude	0° 0' 0"		
Sonde SN	632615		
Turbidity Make/Model	HACH	Pump placement from TOC	58 ft

Well Information:		Pumping Information:	
Well ID	MW-308	Final Pumping Rate	400 mL/min
Well diameter	2 in	Total System Volume	0.5324396 L
Well Total Depth	63 ft	Calculated Sample Rate	300 sec
Screen Length	10 ft	Stabilization Drawdown	0.04 in
Depth to Water	33.96 ft	Total Volume Pumped	16 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.2	+/- 0.2	+/- 5%	+/- 10		+/- 0.2	+/- 10
Last 5	08:24:44	1200.03	22.49	6.53	925.55	1.05	34.00	1.82	110.07
Last 5	08:29:44	1500.05	22.27	6.55	926.08	0.93	34.00	1.86	108.25
Last 5	08:34:44	1800.03	22.31	6.54	922.10	0.82	34.00	1.81	106.83
Last 5	08:39:44	2100.03	22.50	6.55	923.93	0.54	34.00	1.86	105.29
Last 5	08:44:44	2400.02	22.40	6.55	921.50	0.49	34.00	1.86	102.87
Variance 0			0.05	-0.00	-3.97			-0.05	-1.42
Variance 1			0.18	0.00	1.83			0.05	-1.54
Variance 2			-0.10	0.00	-2.43			0.00	-2.42

Notes

Sample@0845,FB02@0900, Sunny 52

Grab Samples

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

Created using VuSitu from In-Situ, Inc.

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

Created using VuSitu from In-Situ, Inc.

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	

Created using VuSitu from In-Situ, Inc.

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/7/2021 11:53:36 AM
Project: GCEC
Operator Name: Philip Evans

Location Name: GCEC MW-300 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 68 ft** **Total Depth: 78 ft** **Initial Depth to Water: 56.17 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 73 ft** **Estimated Total Volume Pumped: 24000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1300. 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	
9/7/2021 11:53 AM	00:00	4.84 pH	21.81 °C	41.70 µS/cm	7.18 mg/L	1.96 NTU	97.0 mV	56.32 ft	400.00 ml/min
9/7/2021 11:58 AM	05:00	4.64 pH	21.60 °C	40.88 µS/cm	6.67 mg/L	1.74 NTU	117.0 mV	56.32 ft	400.00 ml/min
9/7/2021 12:03 PM	10:00	4.59 pH	21.51 °C	39.55 µS/cm	6.34 mg/L	1.62 NTU	139.8 mV	56.32 ft	400.00 ml/min
9/7/2021 12:08 PM	15:00	4.56 pH	21.55 °C	38.14 µS/cm	6.02 mg/L	1.49 NTU	160.6 mV	56.32 ft	400.00 ml/min
9/7/2021 12:13 PM	20:00	4.55 pH	21.83 °C	37.78 µS/cm	5.97 mg/L	1.35 NTU	178.6 mV	56.32 ft	400.00 ml/min
9/7/2021 12:18 PM	25:00	4.53 pH	21.59 °C	37.53 µS/cm	5.87 mg/L	1.31 NTU	193.3 mV	56.32 ft	400.00 ml/min
9/7/2021 12:23 PM	30:00	4.52 pH	21.50 °C	37.51 µS/cm	5.86 mg/L	1.28 NTU	204.7 mV	56.32 ft	400.00 ml/min
9/7/2021 12:28 PM	35:00	4.53 pH	21.54 °C	37.49 µS/cm	5.82 mg/L	1.16 NTU	214.1 mV	56.32 ft	400.00 ml/min
9/7/2021 12:33 PM	40:00	4.53 pH	21.37 °C	37.38 µS/cm	5.81 mg/L	1.10 NTU	221.9 mV	56.32 ft	400.00 ml/min
9/7/2021 12:38 PM	45:00	4.53 pH	21.42 °C	37.38 µS/cm	5.78 mg/L	0.98 NTU	228.5 mV	56.32 ft	400.00 ml/min
9/7/2021 12:43 PM	50:00	4.52 pH	21.38 °C	37.38 µS/cm	5.79 mg/L	0.92 NTU	234.5 mV	56.32 ft	400.00 ml/min
9/7/2021 12:48 PM	55:00	4.52 pH	21.38 °C	37.42 µS/cm	5.82 mg/L	0.92 NTU	239.5 mV	56.32 ft	400.00 ml/min
9/7/2021 12:53 PM	01:00:00	4.52 pH	21.47 °C	37.26 µS/cm	5.80 mg/L	0.90 NTU	243.4 mV	56.32 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-300	Sample time @ 1300. Pc 85.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/7/2021 1:28:30 PM
Project: GCEC
Operator Name: Philip Evans

Location Name: GCEC MW-303 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 53.4 ft** **Total Depth: 63.4 ft** **Initial Depth to Water: 33.93 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 58.4 ft** **Estimated Total Volume Pumped: 22000 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: 817728**

Test Notes:
Sample time @ 1430. Pc 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	
9/7/2021 1:28 PM	00:00	5.71 pH	26.09 °C	325.86 µS/cm	5.06 mg/L	1.96 NTU	222.9 mV	33.95 ft	400.00 ml/min
9/7/2021 1:33 PM	05:00	6.31 pH	23.99 °C	343.70 µS/cm	5.00 mg/L	1.89 NTU	204.6 mV	33.95 ft	400.00 ml/min
9/7/2021 1:38 PM	10:00	6.52 pH	23.87 °C	358.38 µS/cm	5.06 mg/L	1.55 NTU	198.5 mV	33.95 ft	400.00 ml/min
9/7/2021 1:43 PM	15:00	6.61 pH	23.92 °C	396.84 µS/cm	4.91 mg/L	1.46 NTU	196.4 mV	33.95 ft	400.00 ml/min
9/7/2021 1:48 PM	20:00	6.65 pH	23.92 °C	446.20 µS/cm	4.64 mg/L	1.34 NTU	196.2 mV	33.95 ft	400.00 ml/min
9/7/2021 1:53 PM	25:00	6.66 pH	24.11 °C	476.85 µS/cm	4.45 mg/L	1.32 NTU	196.0 mV	33.95 ft	400.00 ml/min
9/7/2021 1:58 PM	30:00	6.66 pH	24.08 °C	497.32 µS/cm	4.31 mg/L	1.29 NTU	196.1 mV	33.95 ft	400.00 ml/min
9/7/2021 2:03 PM	35:00	6.65 pH	24.15 °C	518.12 µS/cm	4.24 mg/L	1.23 NTU	196.0 mV	33.95 ft	400.00 ml/min
9/7/2021 2:08 PM	40:00	6.63 pH	24.13 °C	538.56 µS/cm	4.12 mg/L	1.22 NTU	196.2 mV	33.95 ft	400.00 ml/min
9/7/2021 2:13 PM	45:00	6.61 pH	24.15 °C	553.35 µS/cm	4.07 mg/L	1.20 NTU	196.1 mV	33.95 ft	400.00 ml/min
9/7/2021 2:18 PM	50:00	6.58 pH	24.10 °C	569.05 µS/cm	3.97 mg/L	1.15 NTU	196.4 mV	33.95 ft	400.00 ml/min
9/7/2021 2:23 PM	55:00	6.56 pH	24.20 °C	573.71 µS/cm	3.92 mg/L	1.12 NTU	196.0 mV	33.95 ft	400.00 ml/min

Samples

Sample ID:	Description:

MW-303	Sample time @ 1430. PC 88.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/7/2021 8:39:38 AM
Project: GCEC CCR
Operator Name: Brett Surles

Location Name: GCEC MW-304 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 73 ft** **Total Depth: 83 ft** **Initial Depth to Water: 33.15 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 78 ft** **Estimated Total Volume Pumped: 20 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:

Weather Conditions:
Sunny 82

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	
9/7/2021 8:39 AM	00:00	4.80 pH	25.47 °C	1,264.1 µS/cm	0.46 mg/L	378.00 NTU	155.0 mV	33.20 in	400.00 ml/min
9/7/2021 8:44 AM	05:00	4.81 pH	24.86 °C	1,275.4 µS/cm	0.30 mg/L	123.00 NTU	158.7 mV	33.20 in	400.00 ml/min
9/7/2021 8:49 AM	10:00	4.87 pH	25.48 °C	1,287.9 µS/cm	0.27 mg/L	54.70 NTU	156.0 mV	33.20 in	400.00 ml/min
9/7/2021 8:54 AM	15:00	4.92 pH	25.67 °C	1,299.6 µS/cm	0.21 mg/L	19.20 NTU	156.7 mV	33.20 in	400.00 ml/min
9/7/2021 8:59 AM	20:00	4.97 pH	25.76 °C	1,302.2 µS/cm	0.19 mg/L	15.90 NTU	156.5 mV	33.20 in	400.00 ml/min
9/7/2021 9:04 AM	25:00	5.02 pH	25.87 °C	1,303.7 µS/cm	0.19 mg/L	12.30 NTU	155.6 mV	33.20 in	400.00 ml/min
9/7/2021 9:09 AM	30:00	5.05 pH	25.94 °C	1,303.1 µS/cm	0.18 mg/L	10.60 NTU	154.5 mV	33.20 in	400.00 ml/min
9/7/2021 9:14 AM	35:00	5.08 pH	25.94 °C	1,303.3 µS/cm	0.17 mg/L	7.72 NTU	153.8 mV	33.20 in	400.00 ml/min
9/7/2021 9:19 AM	40:00	5.10 pH	26.08 °C	1,305.9 µS/cm	0.16 mg/L	4.56 NTU	152.4 mV	33.20 in	400.00 ml/min

Samples

Sample ID:	Description:
MW-304	Sample@0920

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/7/2021 10:46:47 AM
Project: GCEC
Operator Name: Philip Evans

Location Name: GCEC MW-305 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 63.1 ft** **Total Depth: 73.1 ft** **Initial Depth to Water: 48 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 68.1 ft** **Estimated Total Volume Pumped: 8000 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 @ 1110. Sunny 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	
9/7/2021 10:46 AM	00:00	4.93 pH	26.88 °C	29.90 µS/cm	7.03 mg/L	1.26 NTU	251.2 mV	48.07 ft	400.00 ml/min
9/7/2021 10:51 AM	05:00	4.70 pH	23.25 °C	31.04 µS/cm	7.38 mg/L	1.20 NTU	262.4 mV	48.07 ft	400.00 ml/min
9/7/2021 10:56 AM	10:00	4.68 pH	23.09 °C	31.59 µS/cm	7.39 mg/L	1.15 NTU	261.6 mV	48.07 ft	400.00 ml/min
9/7/2021 11:01 AM	15:00	4.68 pH	23.04 °C	32.36 µS/cm	7.33 mg/L	1.12 NTU	264.6 mV	48.07 ft	400.00 ml/min
9/7/2021 11:06 AM	20:00	4.68 pH	22.98 °C	32.89 µS/cm	7.28 mg/L	1.10 NTU	267.1 mV	48.07 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-305	Sample time @ 1110. Sunny 85.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/7/2021 9:50:11 AM
Project: GCEC CCR
Operator Name: Brett Surles

Location Name: GCEC MW-308 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 53 ft** **Total Depth: 63 ft** **Initial Depth to Water: 32.04 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 58 ft** **Estimated Total Volume Pumped: 24 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.06 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:

Weather Conditions:
Sunny 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	
9/7/2021 9:50 AM	00:00	5.49 pH	26.68 °C	527.11 µS/cm	3.56 mg/L	5.29 NTU	159.3 mV	32.10 in	400.00 ml/min
9/7/2021 9:55 AM	05:00	5.44 pH	25.34 °C	551.09 µS/cm	3.60 mg/L	2.22 NTU	158.2 mV	32.10 in	400.00 ml/min
9/7/2021 10:00 AM	10:00	5.51 pH	25.45 °C	592.71 µS/cm	3.55 mg/L	1.00 NTU	157.6 mV	32.10 in	400.00 ml/min
9/7/2021 10:05 AM	15:00	5.62 pH	25.45 °C	617.83 µS/cm	3.42 mg/L	0.87 NTU	156.9 mV	32.10 in	400.00 ml/min
9/7/2021 10:10 AM	20:00	5.81 pH	25.50 °C	656.70 µS/cm	3.14 mg/L	0.73 NTU	156.6 mV	32.10 in	400.00 ml/min
9/7/2021 10:15 AM	25:00	5.92 pH	25.54 °C	688.69 µS/cm	2.93 mg/L	0.61 NTU	156.0 mV	32.10 in	400.00 ml/min
9/7/2021 10:20 AM	30:00	6.02 pH	25.49 °C	720.10 µS/cm	2.75 mg/L	0.34 NTU	155.5 mV	32.10 in	400.00 ml/min
9/7/2021 10:25 AM	35:00	6.07 pH	25.49 °C	741.89 µS/cm	2.65 mg/L	0.39 NTU	154.7 mV	32.10 in	400.00 ml/min
9/7/2021 10:30 AM	40:00	6.11 pH	25.48 °C	762.74 µS/cm	2.56 mg/L	0.45 NTU	153.6 mV	32.10 in	400.00 ml/min
9/7/2021 10:35 AM	45:00	6.13 pH	25.50 °C	766.15 µS/cm	2.54 mg/L	0.26 NTU	152.2 mV	32.10 in	400.00 ml/min

Samples

Sample ID:	Description:

MW-308	Sample @1036,Sunny 87

Created using VuSitu from In-Situ, Inc.

Geosyntec consultants

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

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.

---

* * * * *

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

Geosyntec consultants

400A Market Place Boulevard
Knoxville, TN 37922
PH 865.330.0037
www.geosyntec.com

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

Geosyntec consultants

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

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.

---

* * * * *

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

Geosyntec consultants

400A Market Place Boulevard
Knoxville, TN 37922
PH 865.330.0037
www.geosyntec.com

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

TABLE OF CONTENTS

Narrative ***3-13***

Summary Tables **14-41**

Outlier Summary 14
Date Ranges 15
100% Nondetect Summary 16-18
Prediction Limits Appendix III – 100 Series Wells 19-20
Prediction Limits Appendix III – 200 Series Wells 21-23
Prediction Limits Appendix III – 300 Series Wells 24-26
Trend Tests Appendix III – 100 Series Wells 27-28
Trend Tests Appendix III – 200 Series Wells 29-30
Trend Tests Appendix III – 300 Series Wells 31-32
Upper Tolerance Limits – Appendix IV 33
Groundwater Protection Standard Table 34
Confidence Intervals – 100 Series Wells 35-37
Confidence Intervals – 200 Series Wells 38-39
Confidence Intervals – 300 Series Wells 40-41

Prediction Limits – 100, 200 & 300 Series Wells **42-149**

Trend Tests – 100, 200 & 300 Series Wells **150-202**

Confidence Intervals – 100, 200 & 300 Series Wells **203-268**

Time Series – 100, 200 & 300 Series Wells **269-431**

Box Plots – 100, 200 & 300 Series Wells **432-468**

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

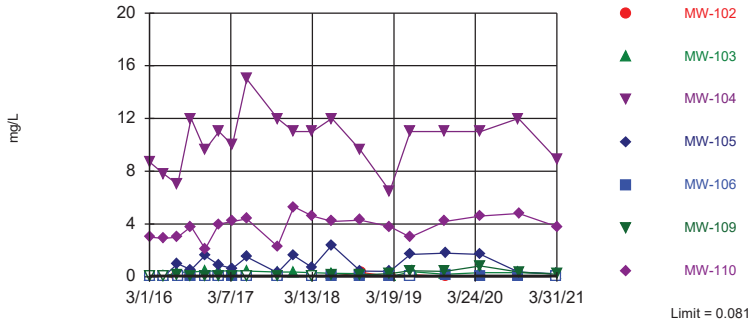
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	3/30/2021	0.018ND	No	108	n/a	n/a	86.11	n/a	n/a	0.0001697	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**3/30/2021**	**0.23**	**Yes**	**108**	**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.

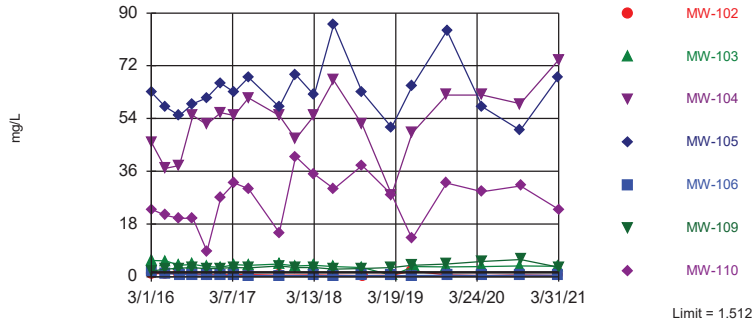
Constituent: Boron Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

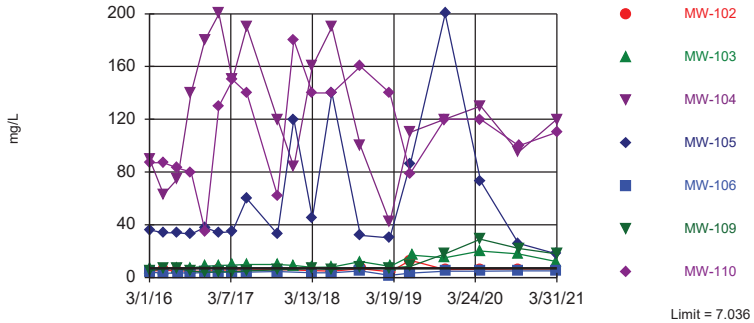
Constituent: Calcium Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

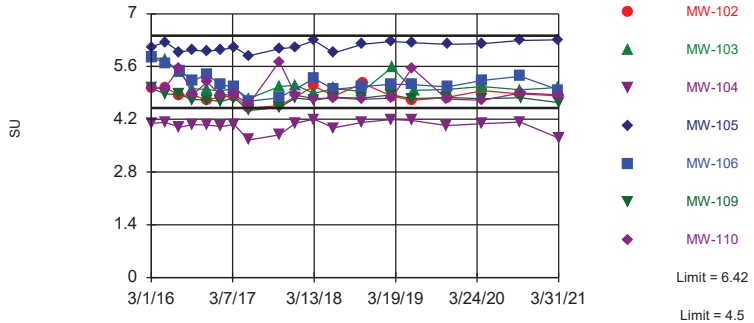
Constituent: Chloride Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

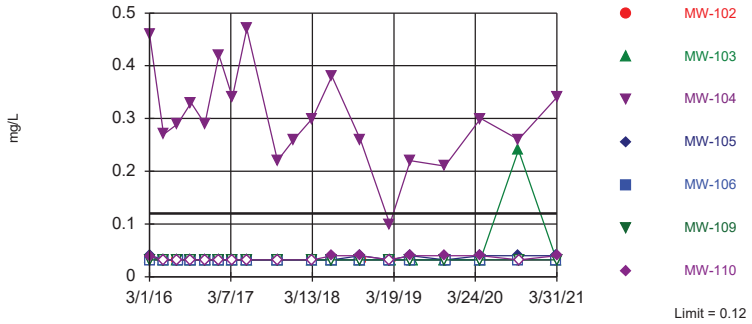
Constituent: Field pH Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

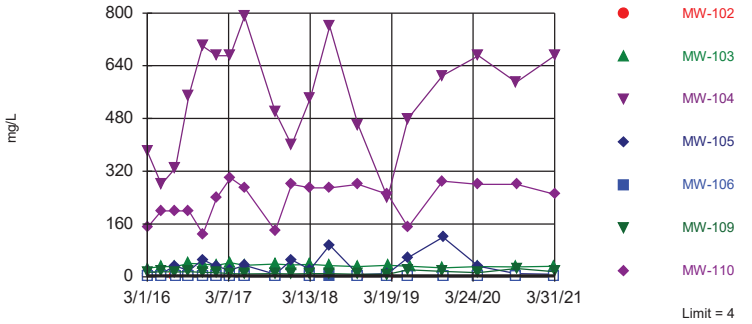
Constituent: Fluoride Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

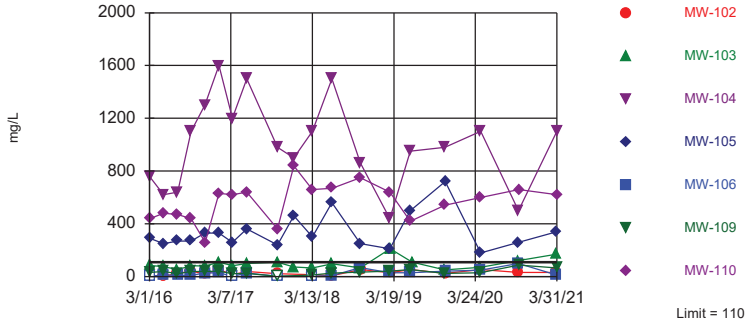
Constituent: Sulfate Analysis Run 6/11/2021 6:20 PM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

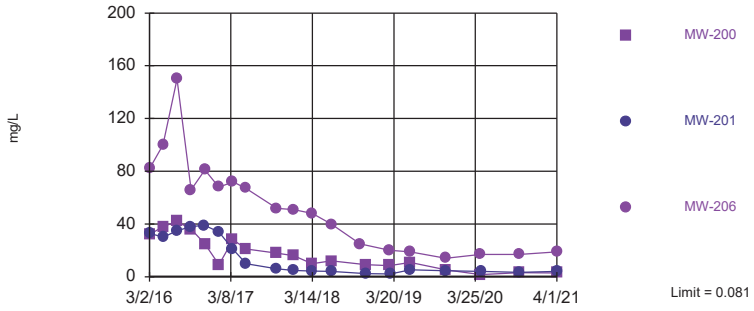
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**4/1/2021**	**2.9**	**Yes**	**108**	**n/a**	**n/a**	**86.11**	**n/a**	**n/a**	**0.0001703**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**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

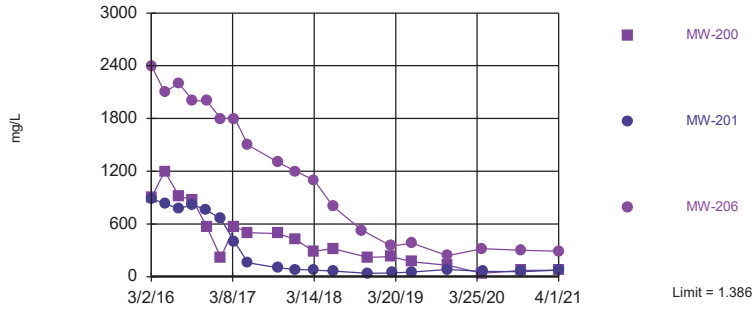
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

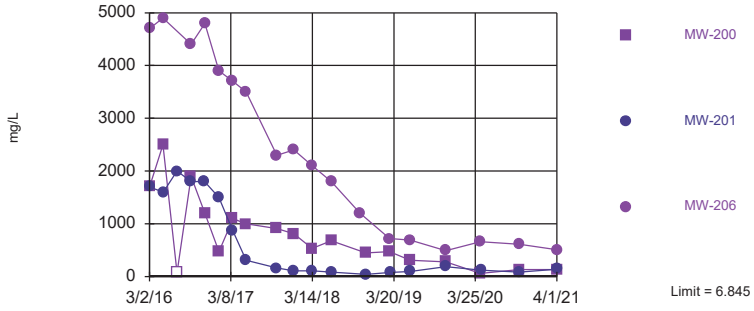
Sanitas™ v.9.6.28 . UG

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

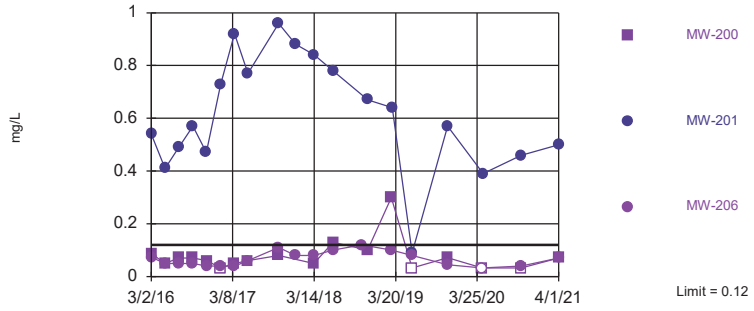
Sanitas™ v.9.6.28 . UG

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.

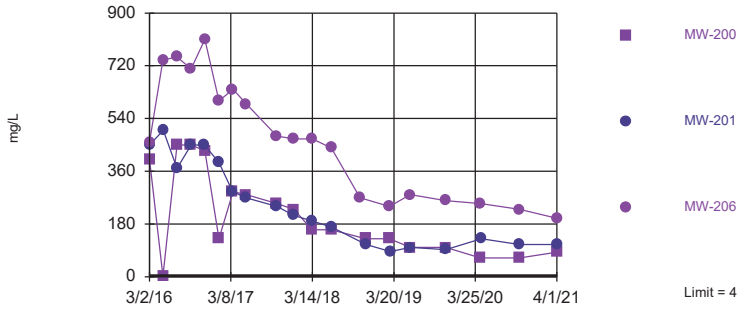
Constituent: Fluoride Analysis Run 6/10/2021 5:35 PM View: 200 Series

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

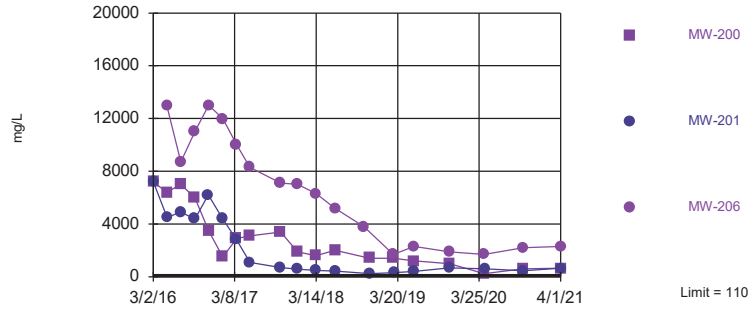
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

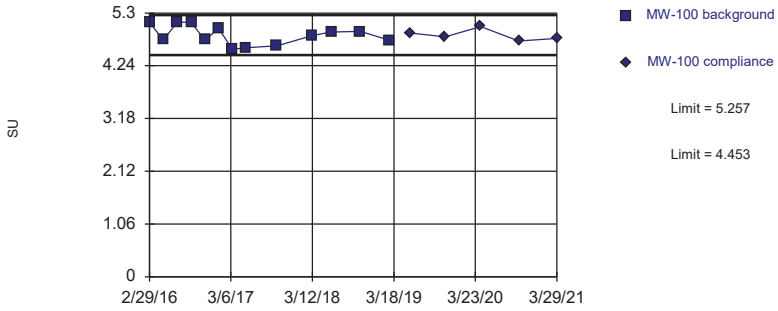
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	3/29/2021	4.79	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	3/29/2021	4.92	No	13	4.955	0.258	0	None	No	0.001253	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

Sanitas™ v.9.6.28 . 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 6/10/2021 5:40 PM View: 200 Series Intrawell

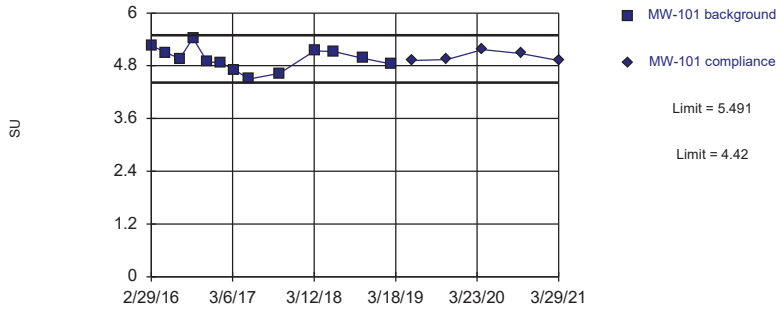
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

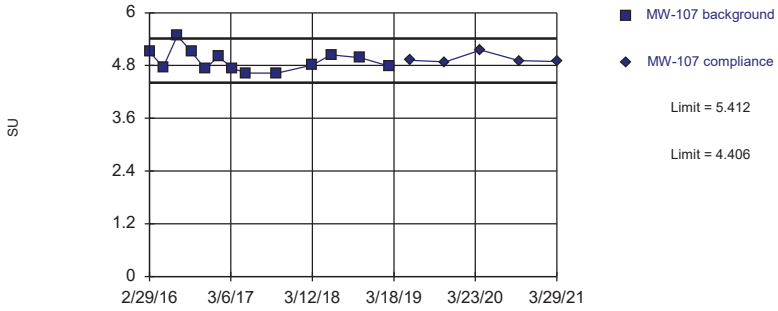
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

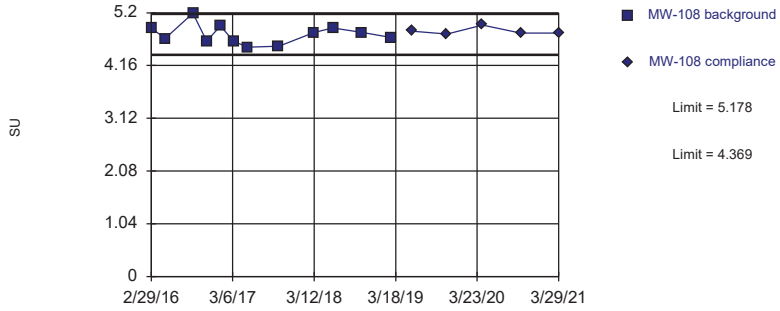
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

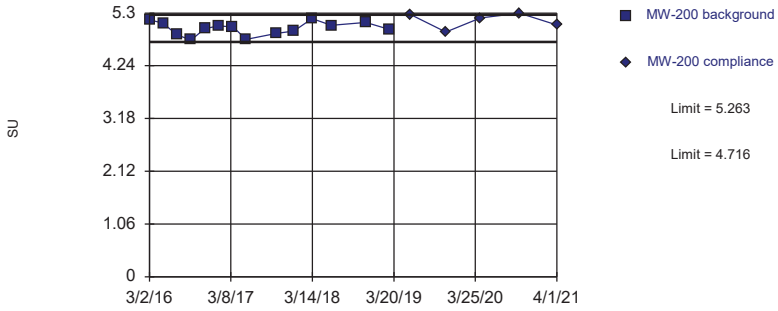
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

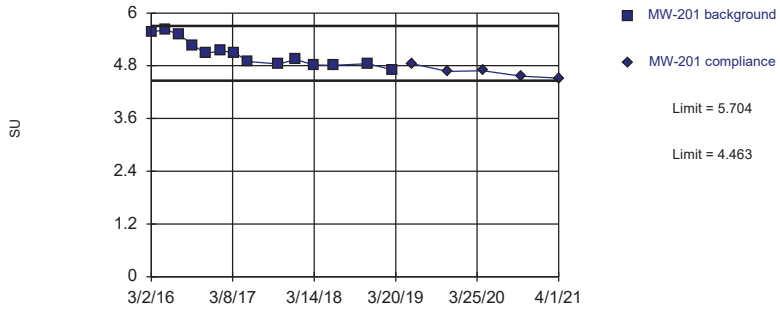
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

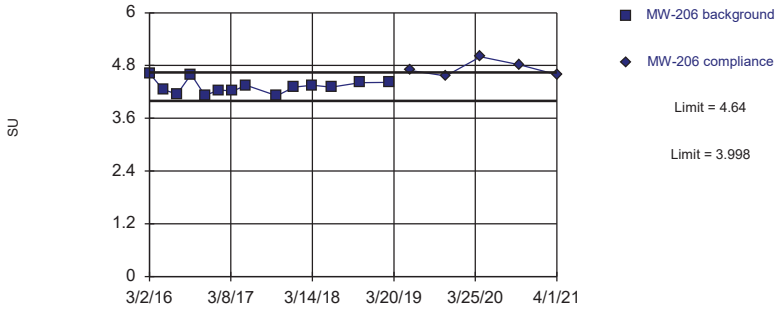
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

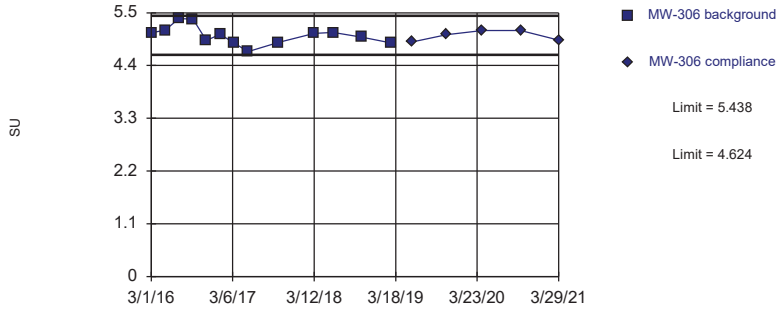
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

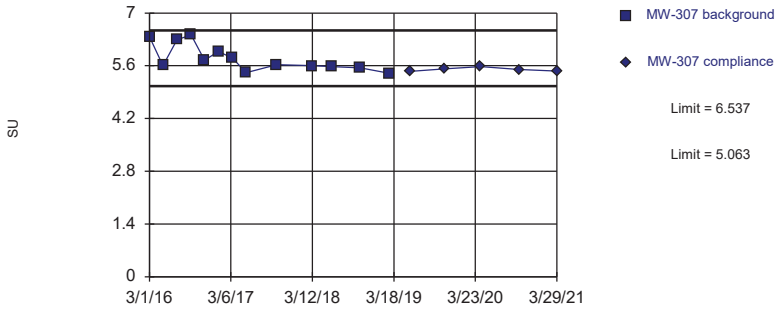
Constituent: Field pH Analysis Run 6/10/2021 5:40 PM View: 200 Series Intrawell

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

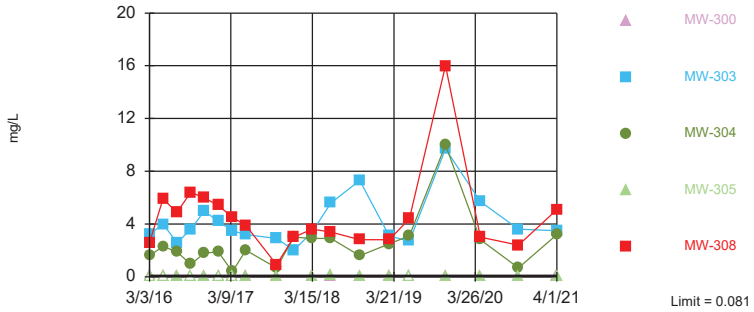
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/14/2021, 3:53 PM

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



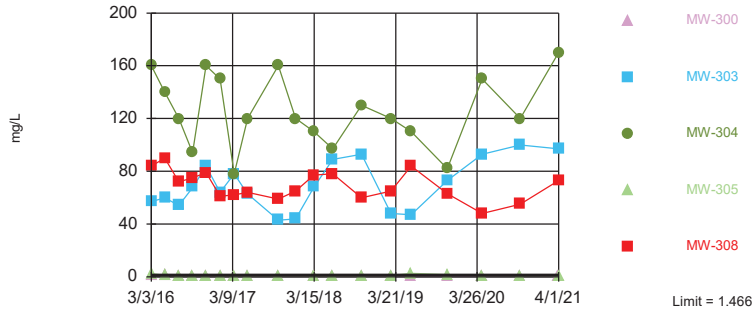
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 108 background values. 86.11% NDs. Annual per-constituent alpha = 0.001699. Individual comparison alpha = 0.0001701 (1 of 2). Comparing 5 points to limit.

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



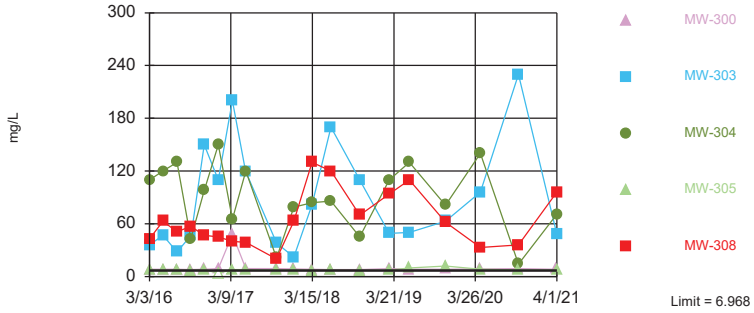
Background Data Summary (based on natural log transformation): Mean=-0.3772, Std. Dev.=0.4212, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 14.04, critical = 14.07. Kappa = 1.804 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. 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



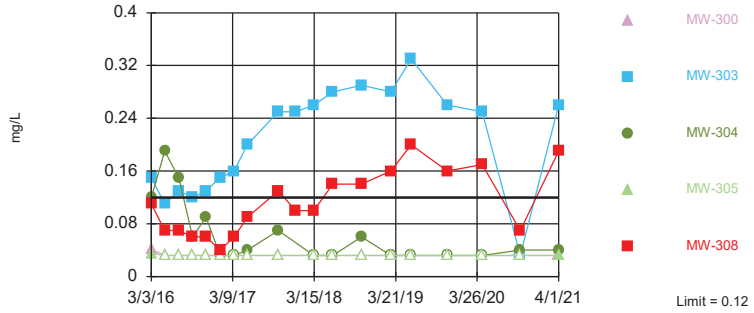
Background Data Summary: Mean=5.292, Std. Dev.=0.9295, n=108. Normality test: Chi Squared @alpha = 0.01, calculated = 12.56, critical = 14.07. Kappa = 1.804 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

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.

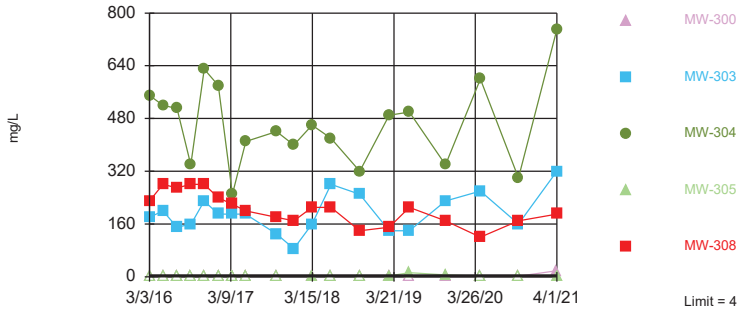
Constituent: Fluoride Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

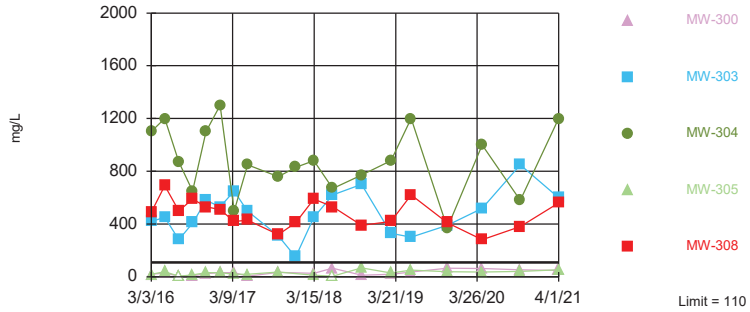
Constituent: Sulfate Analysis Run 6/14/2021 3:51 PM View: 300 Series Intrawell
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

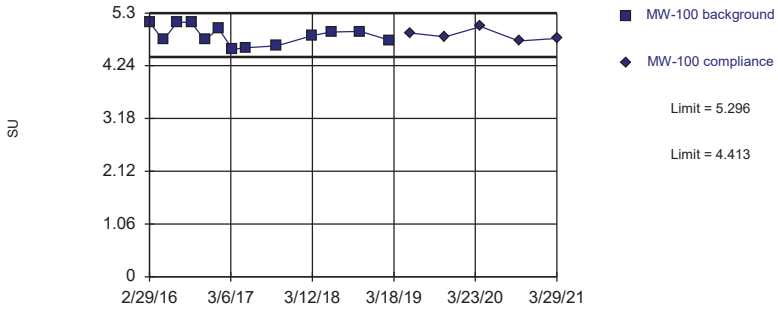
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	3/29/2021	4.79	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	3/29/2021	4.92	No	13	4.955	0.258	0	None	No	0.000752	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

Sanitas™ v.9.6.28 . 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 6/14/2021 3:43 PM View: 300 Series Intrawell

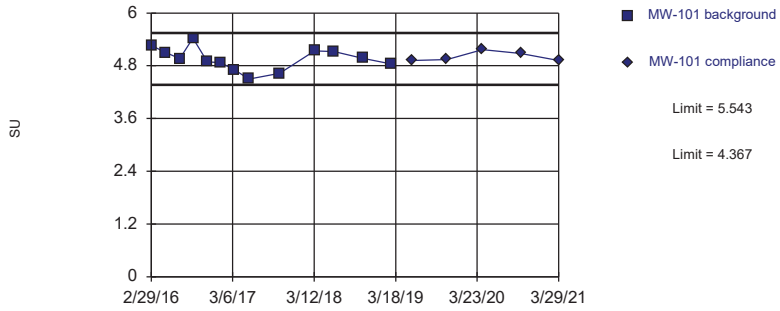
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

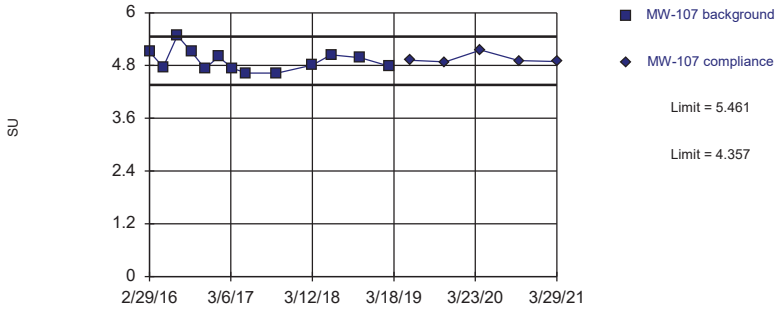
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

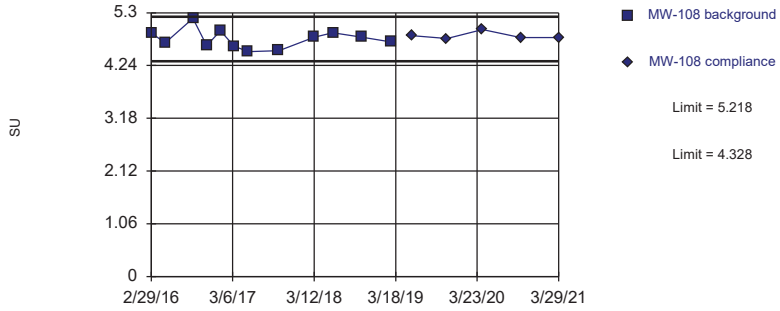
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

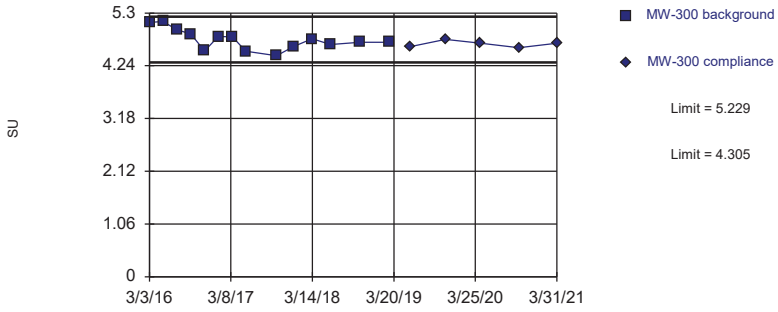
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

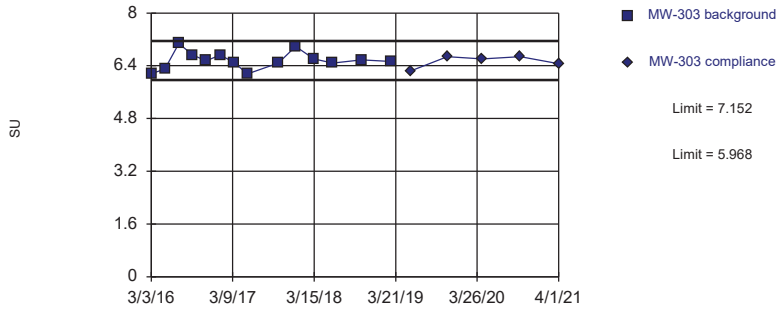
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

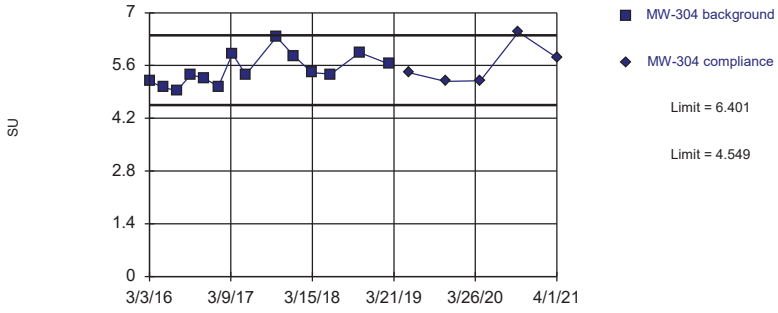
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

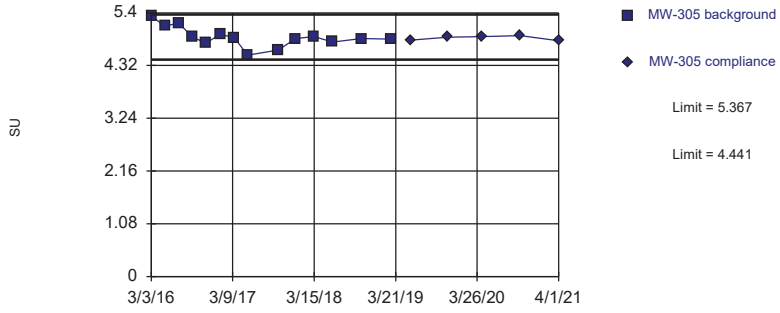
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

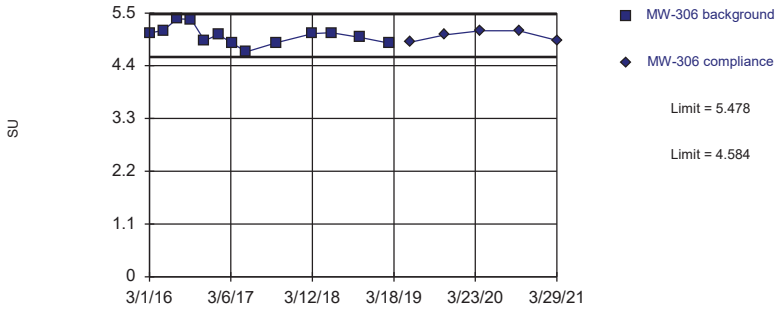
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

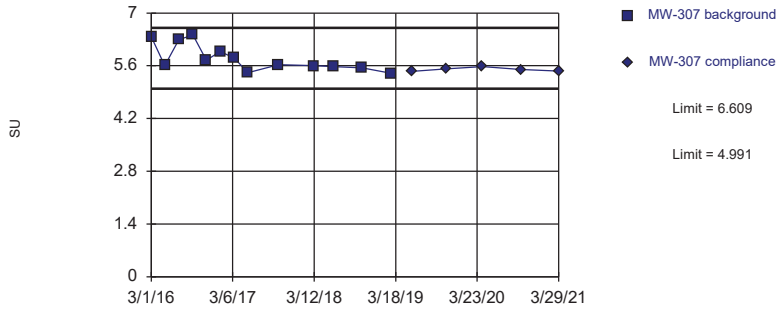
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

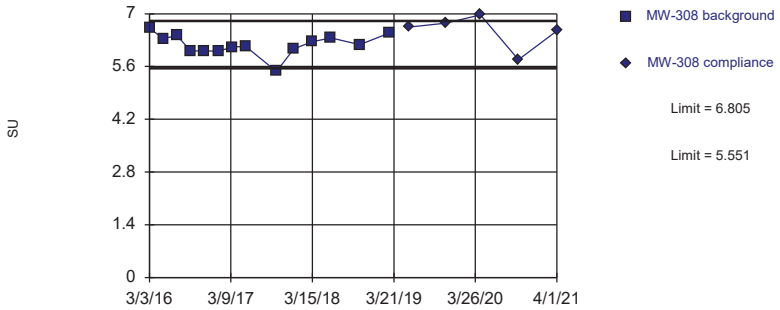
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

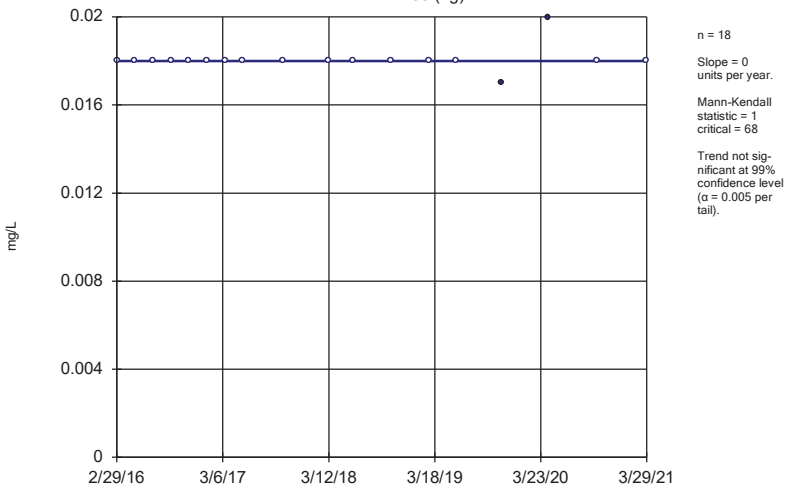
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:27 PM

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

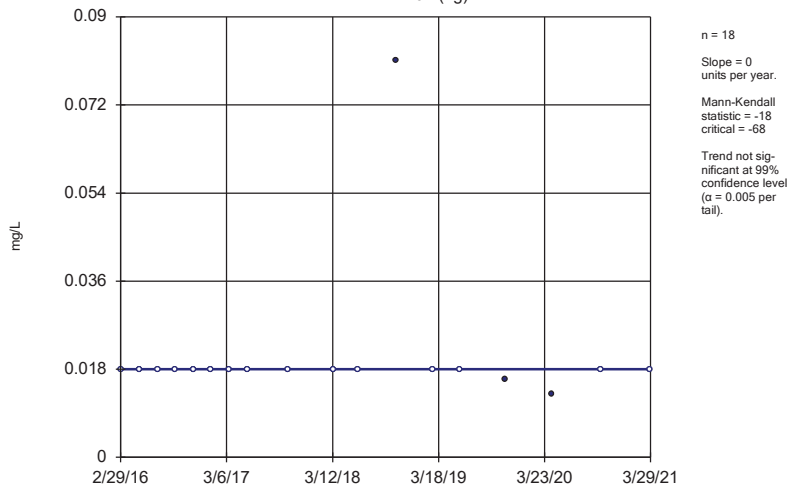
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

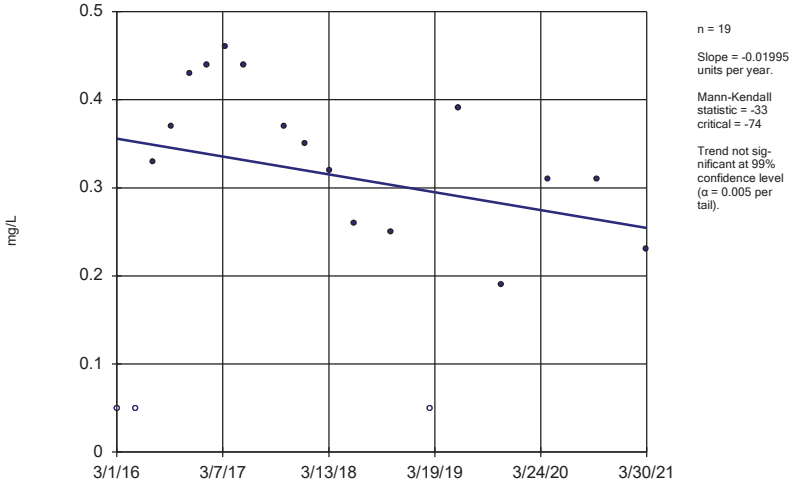
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

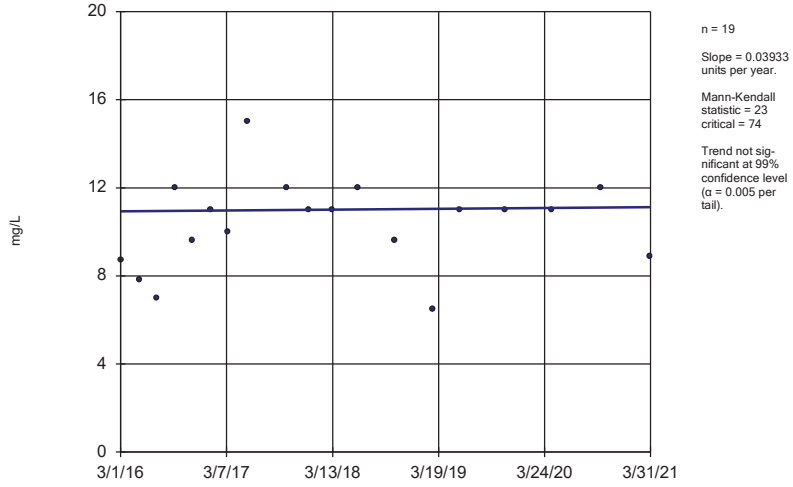
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

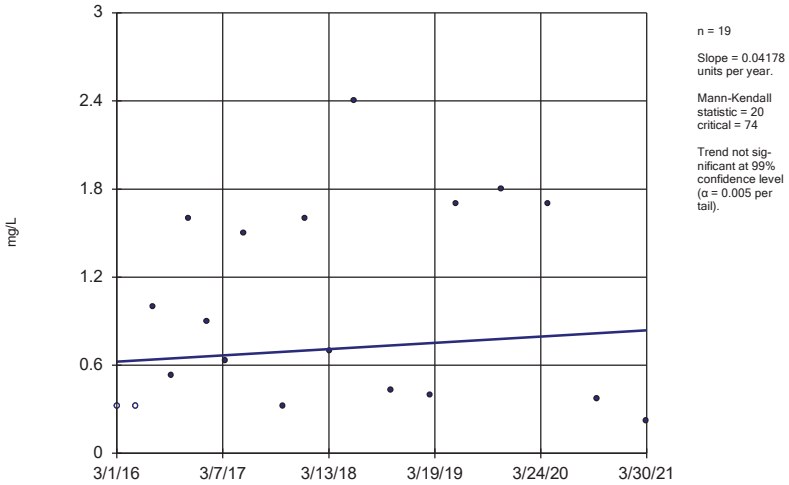
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

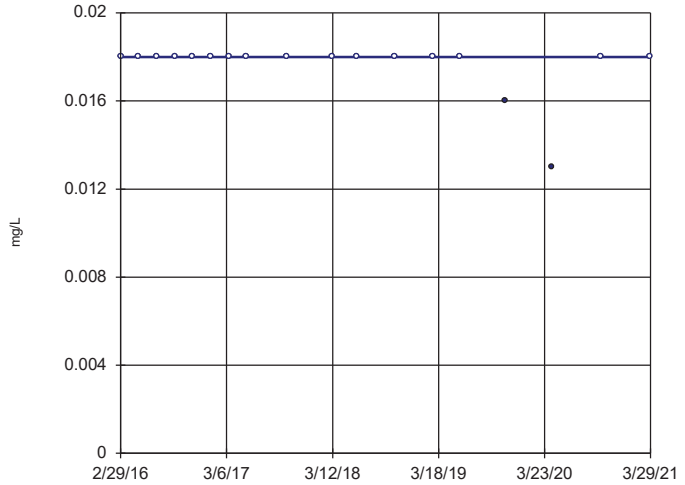
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

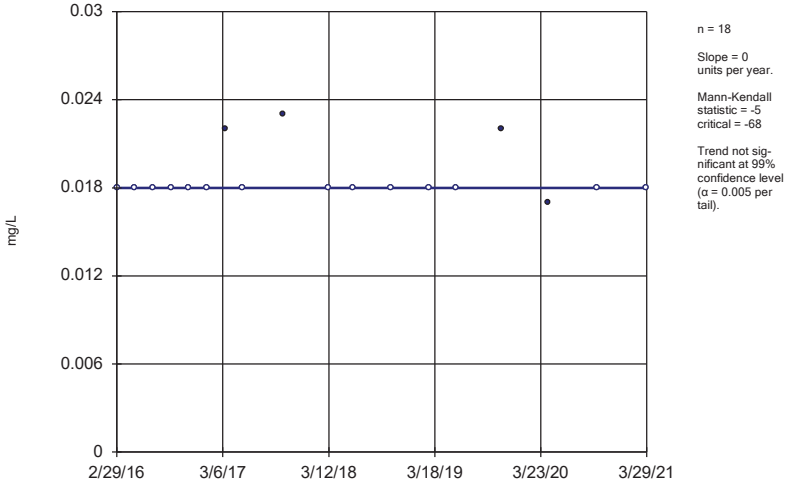
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

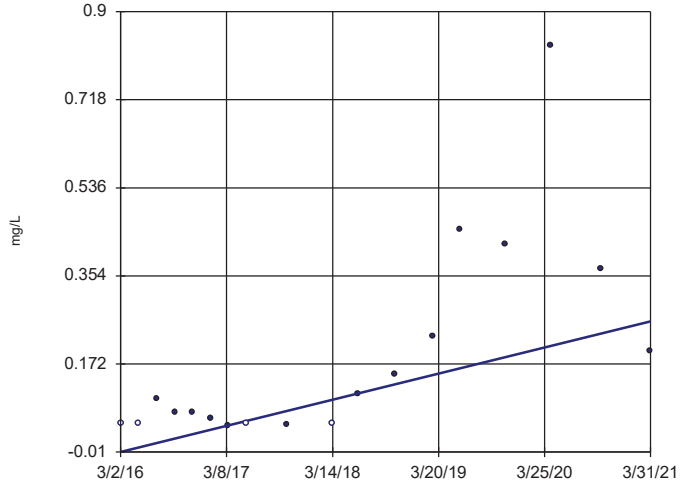
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

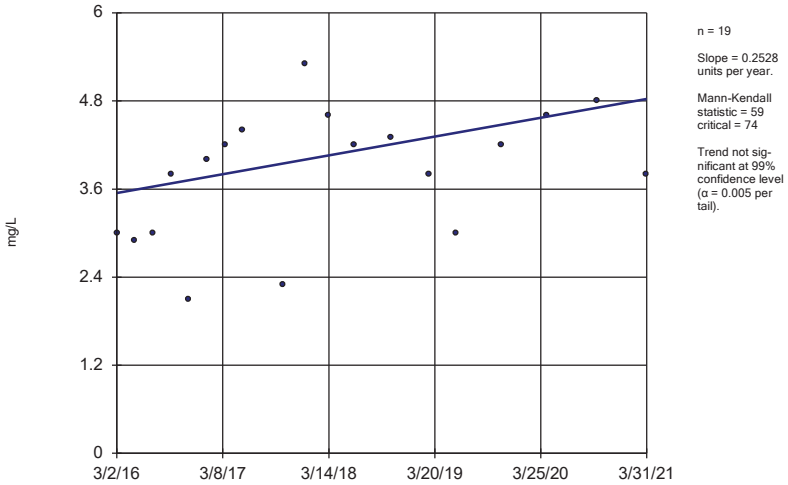
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

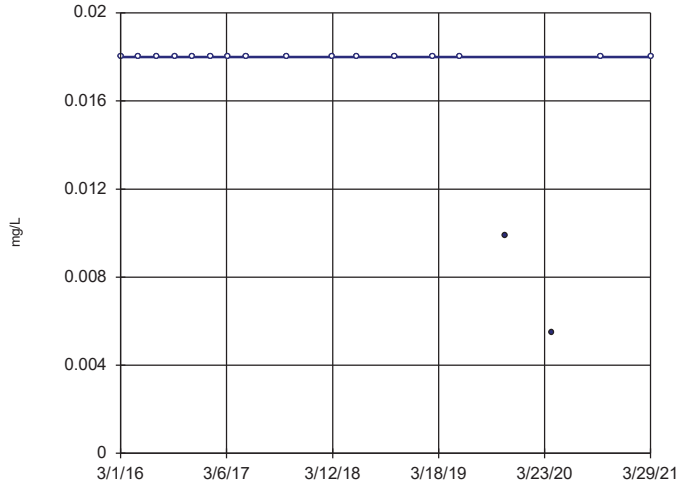
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

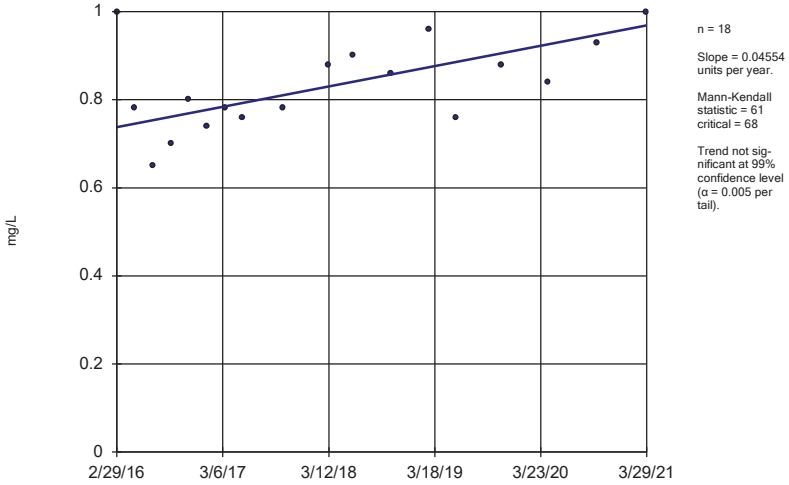
Constituent: Boron Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests

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).

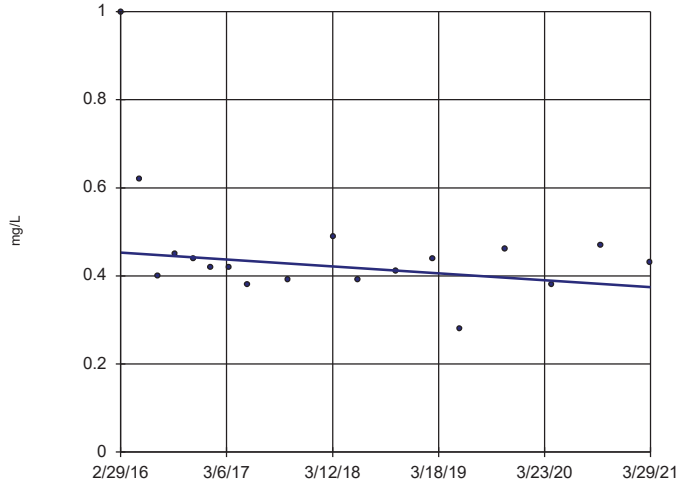
Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests

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).

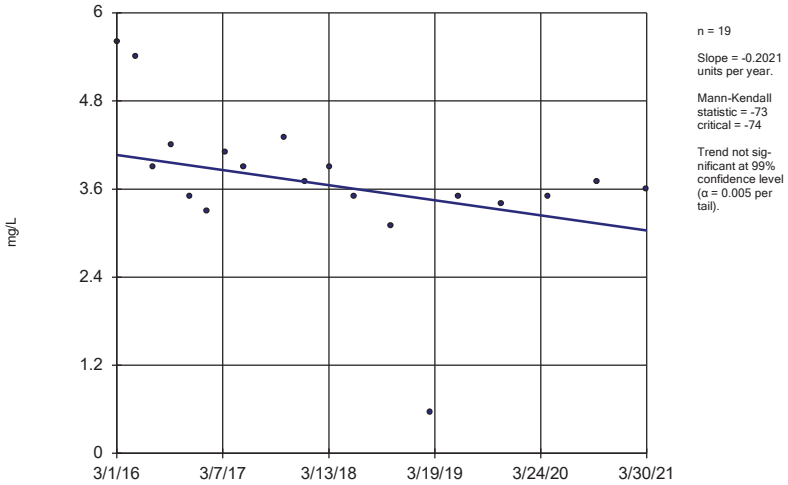
Constituent: Calcium Analysis Run 6/11/2021 6:24 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-103



n = 19

Slope = -0.2021 units per year.

Mann-Kendall statistic = -73
critical = -74

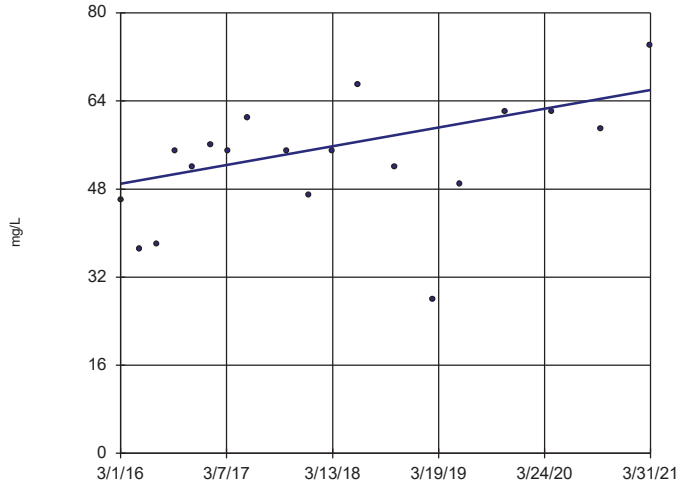
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

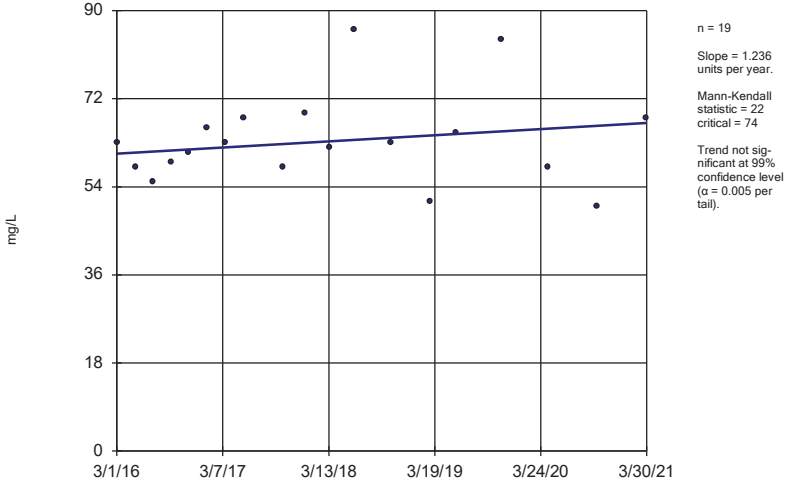
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

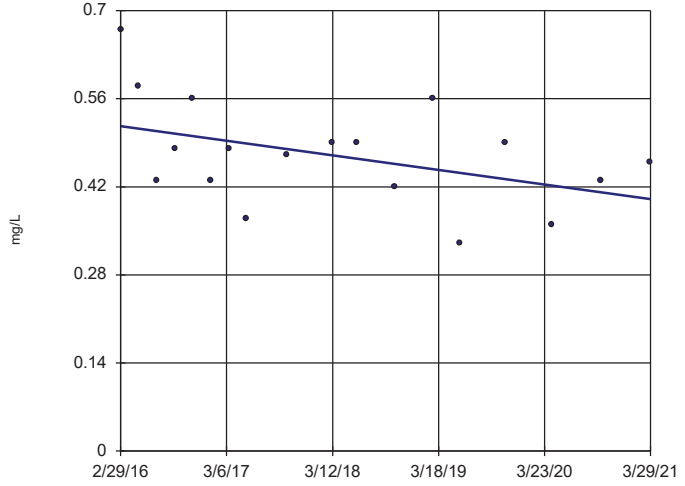
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

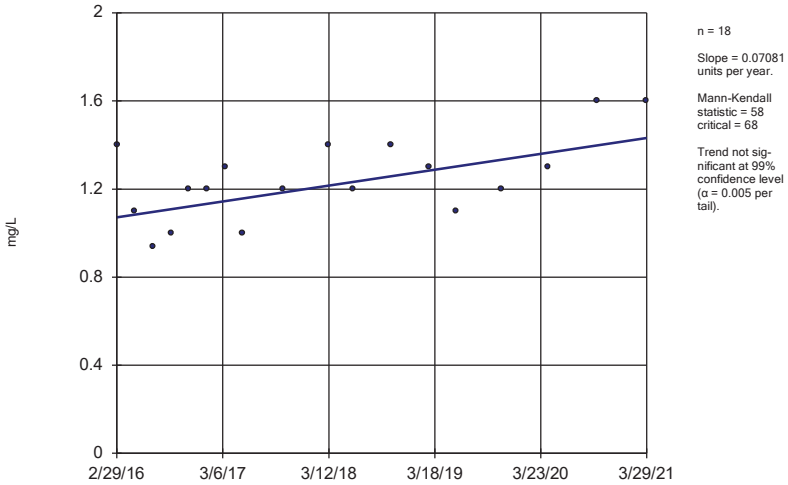
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

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

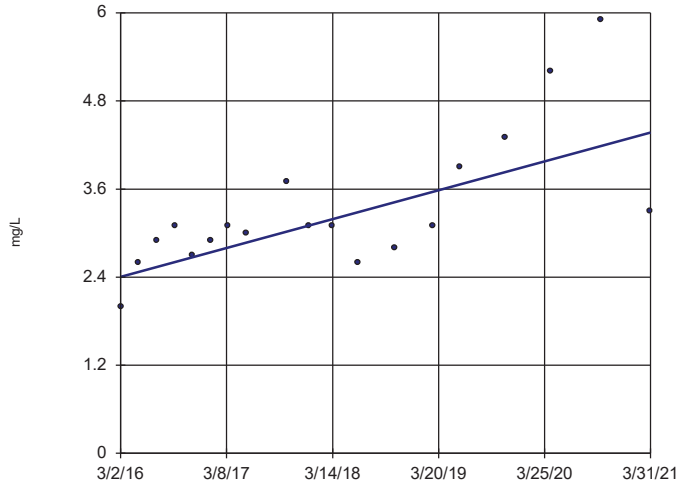
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 6/11/2021 6:24 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

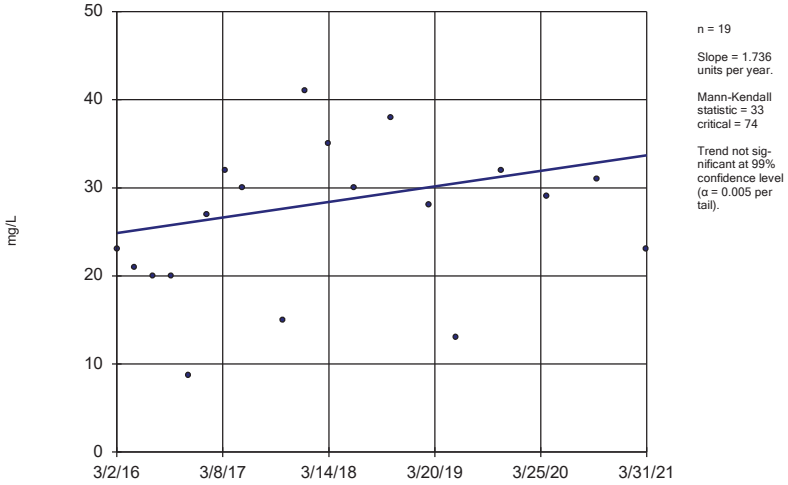
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

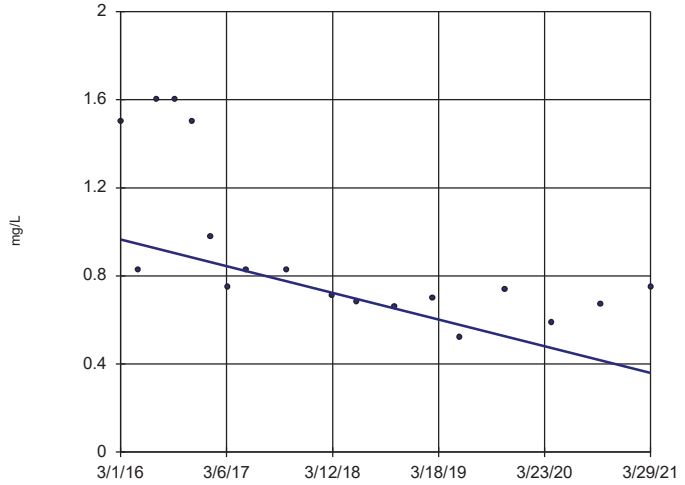
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

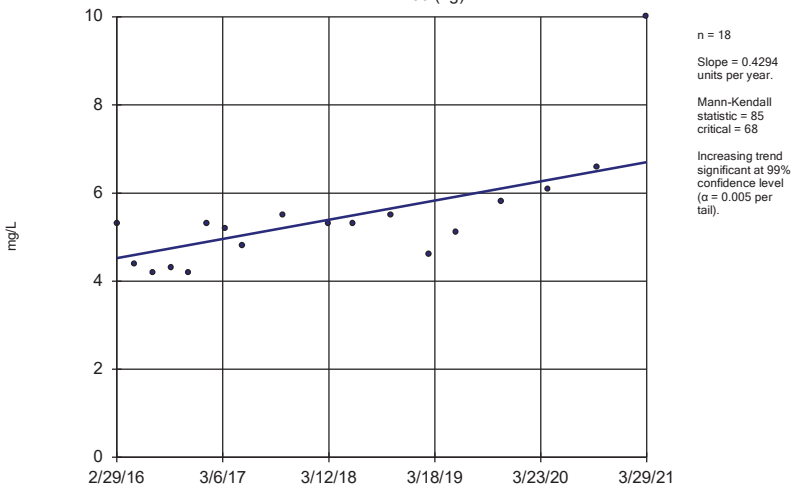
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

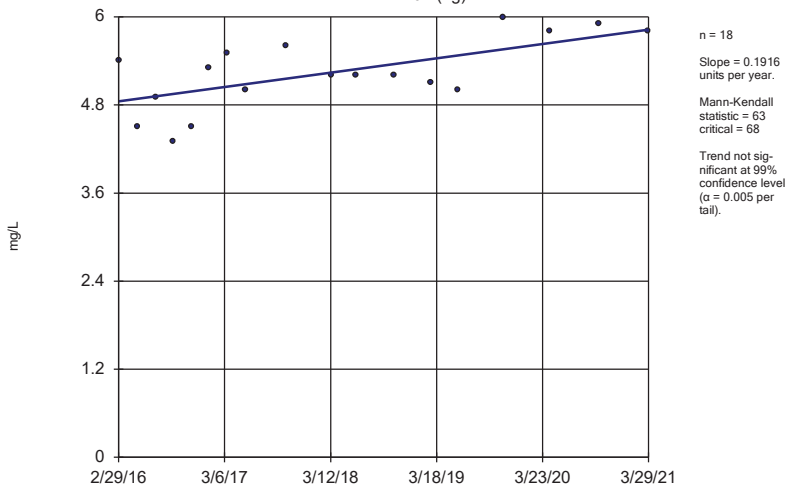
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

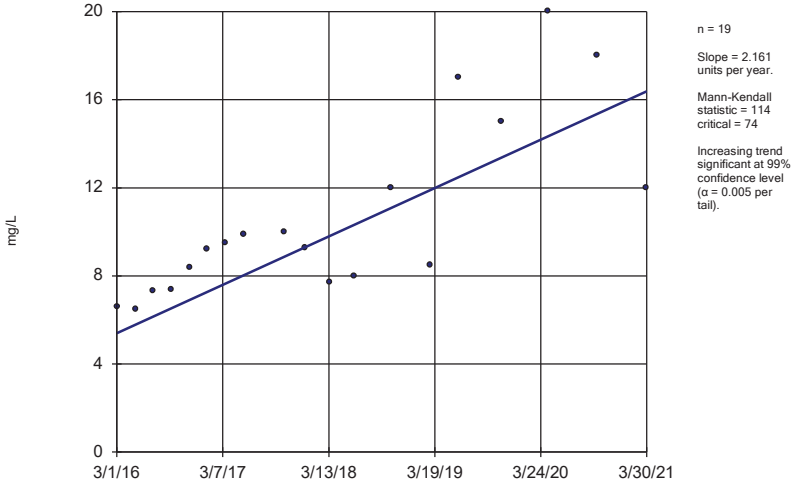
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

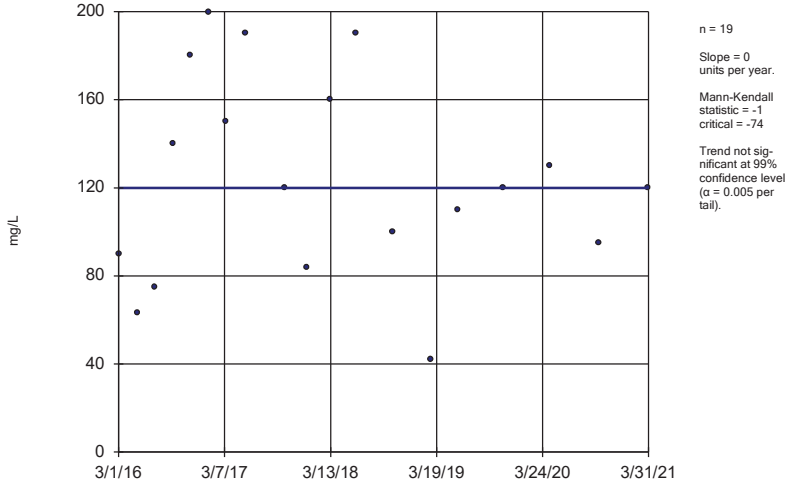
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

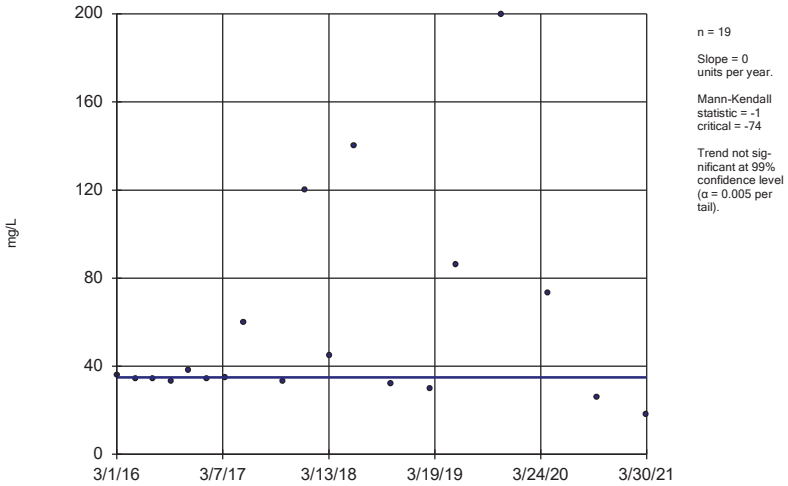
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

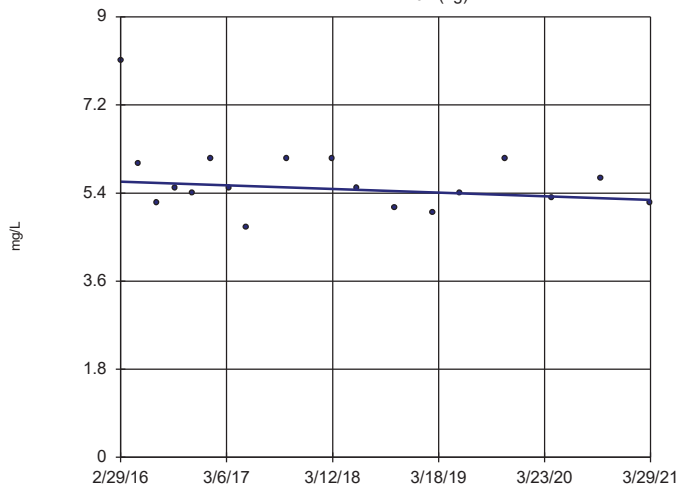
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

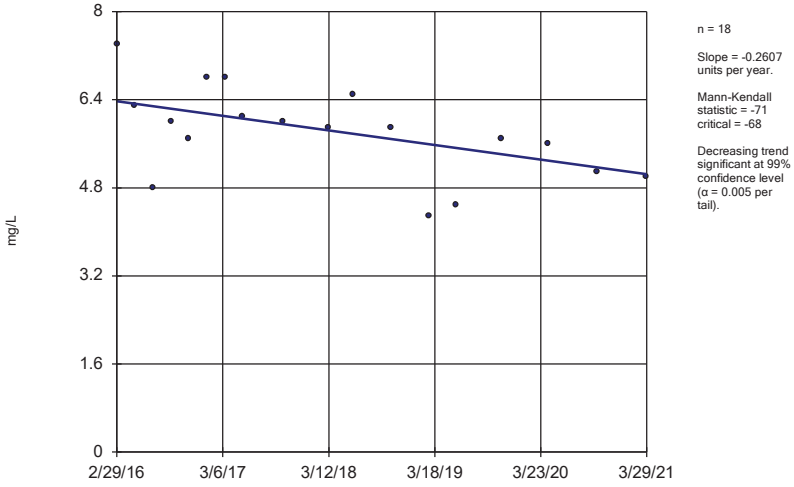
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

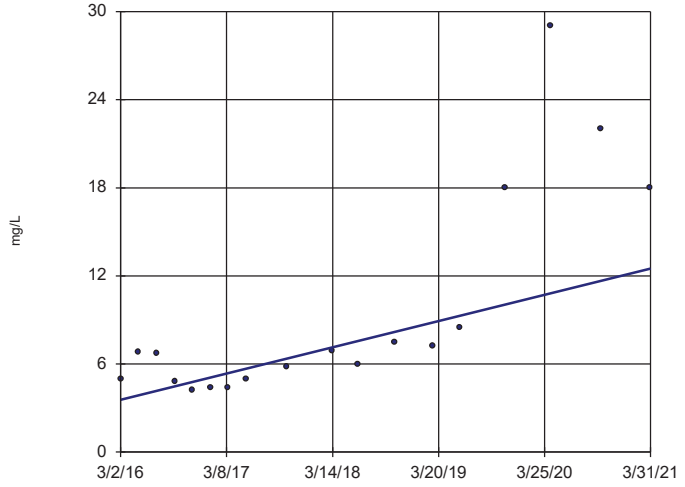
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

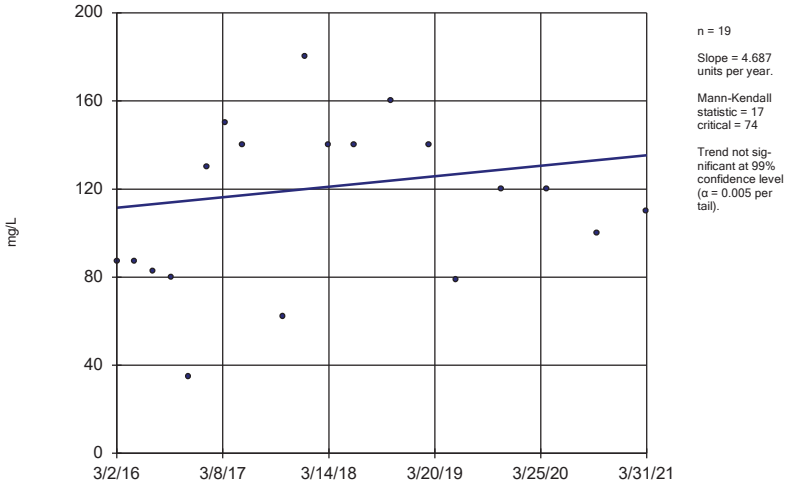
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-110



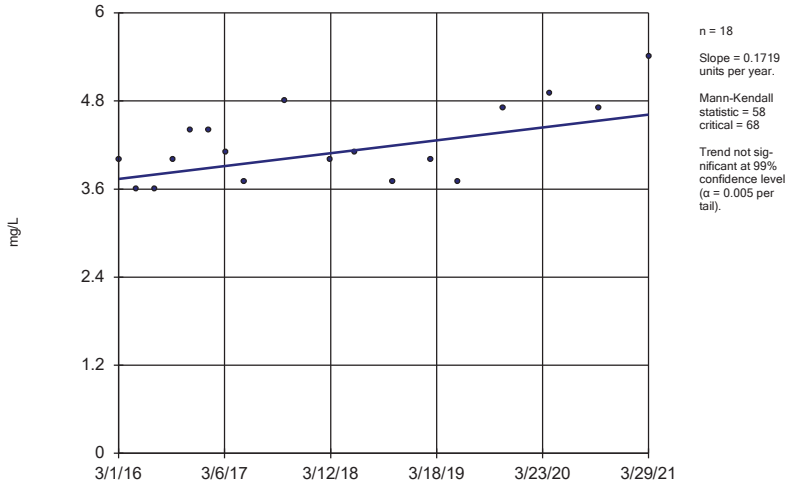
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-307 (bg)



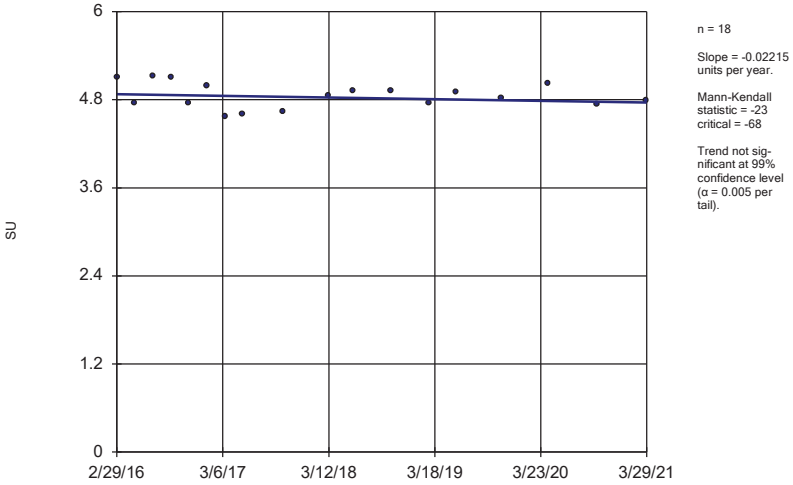
Constituent: Chloride Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-100 (bg)



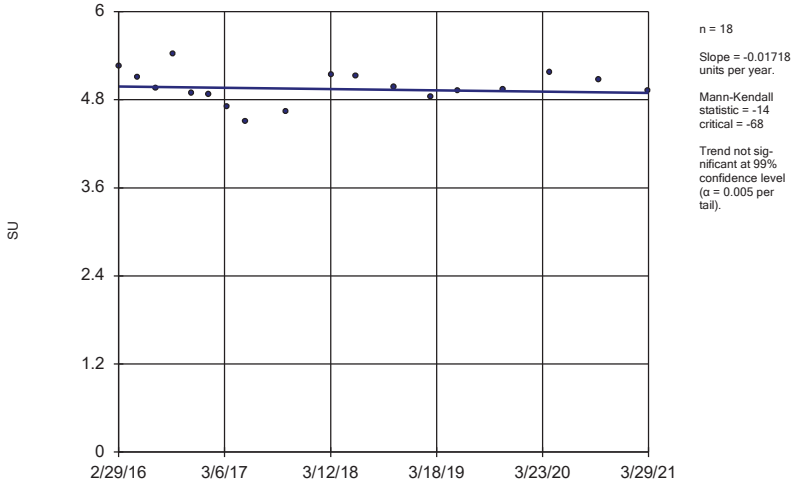
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-101 (bg)



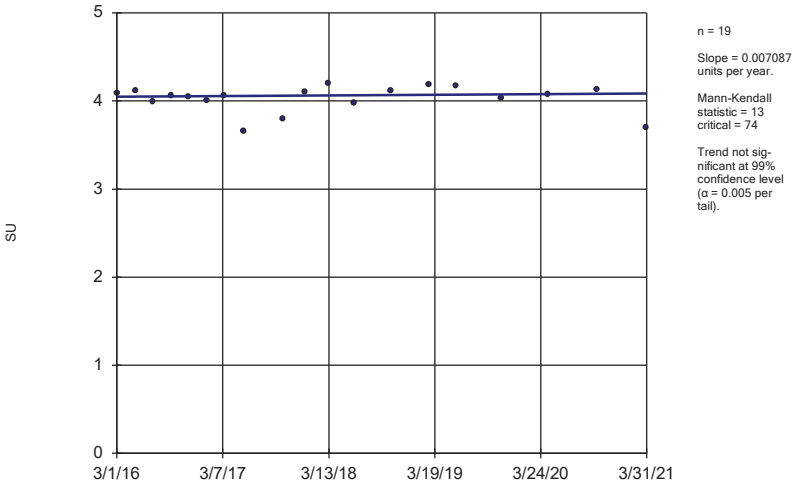
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

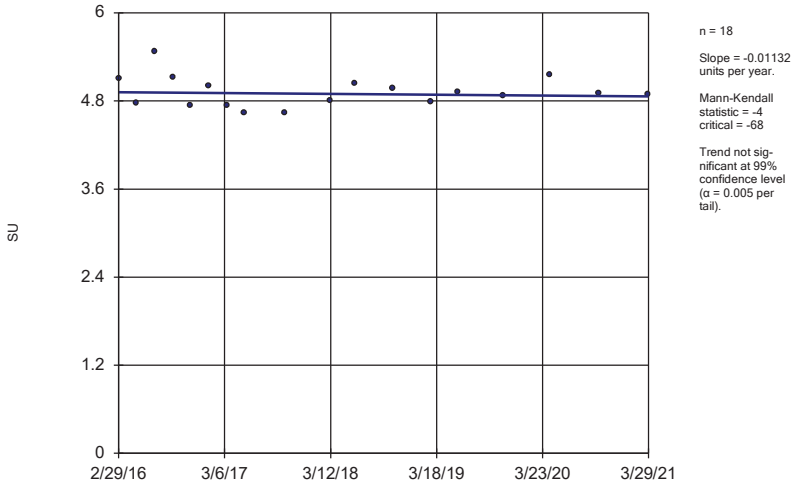
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

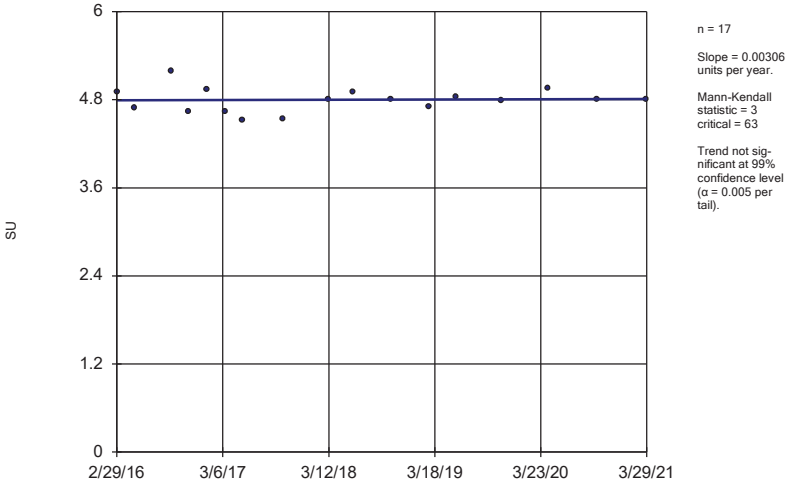
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

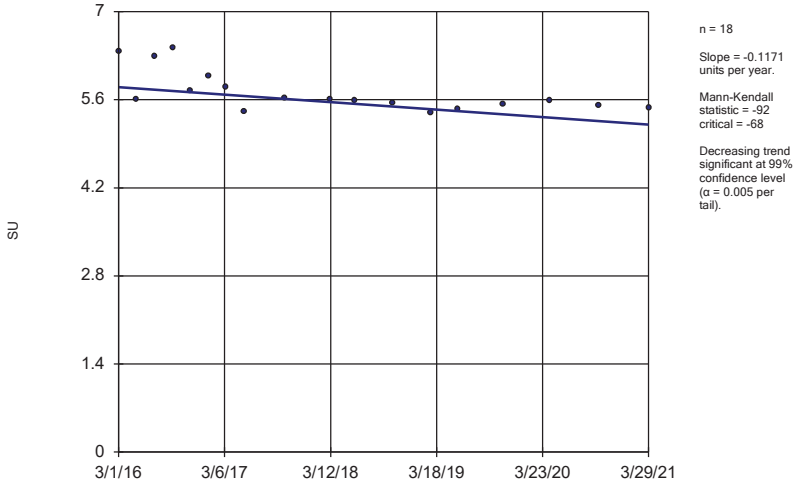
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

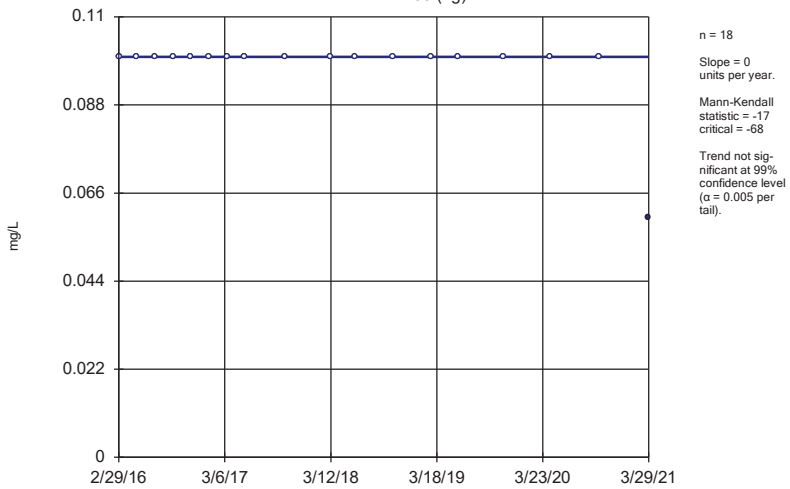
Constituent: Field pH Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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

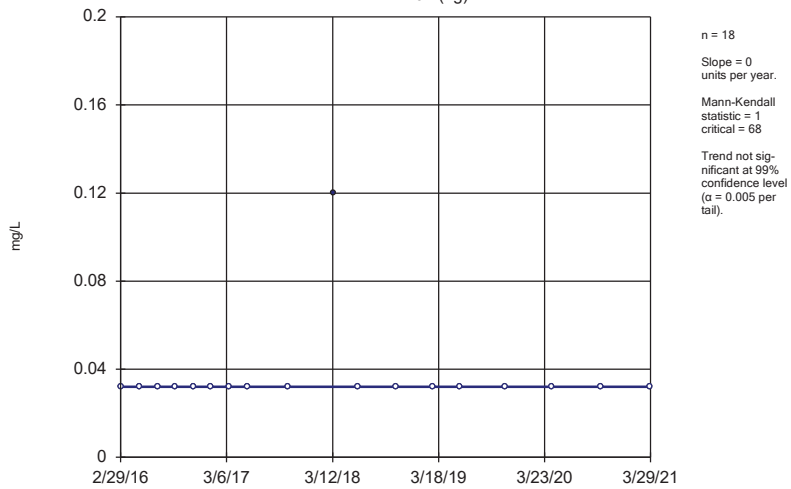
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

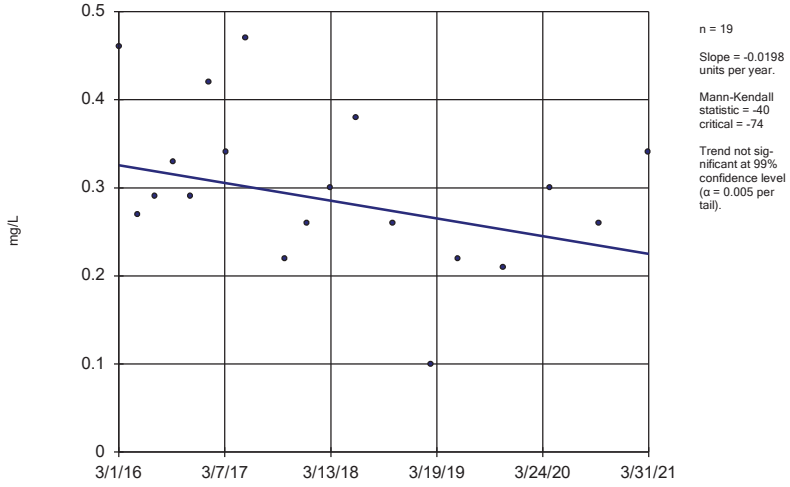
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

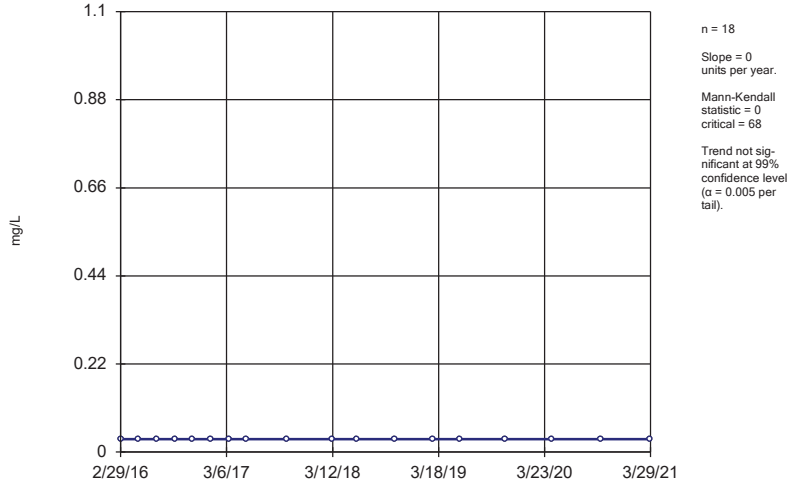
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

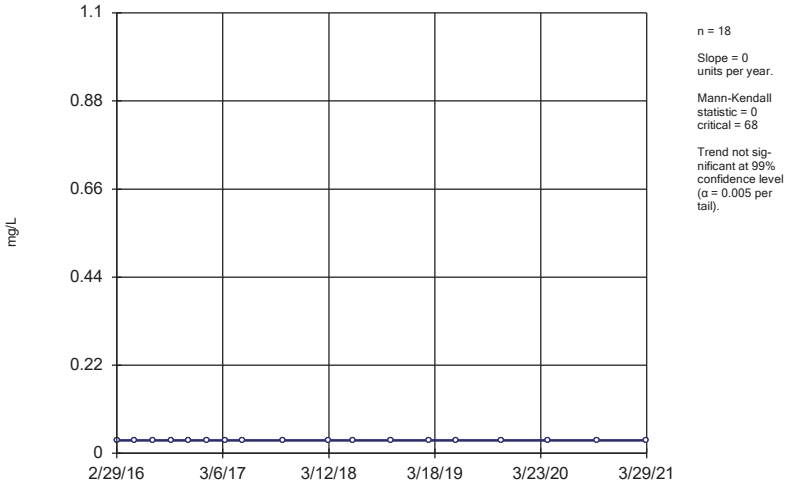
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

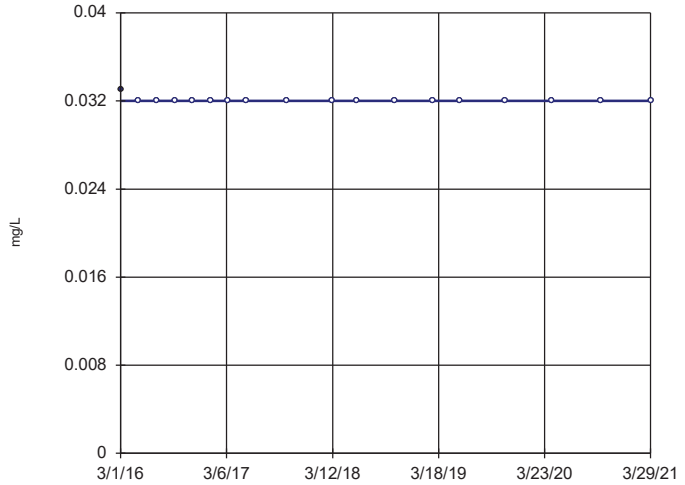
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

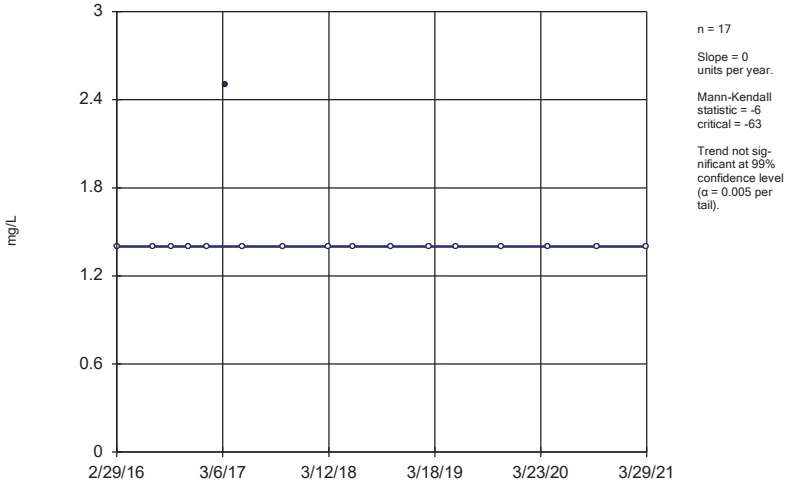
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

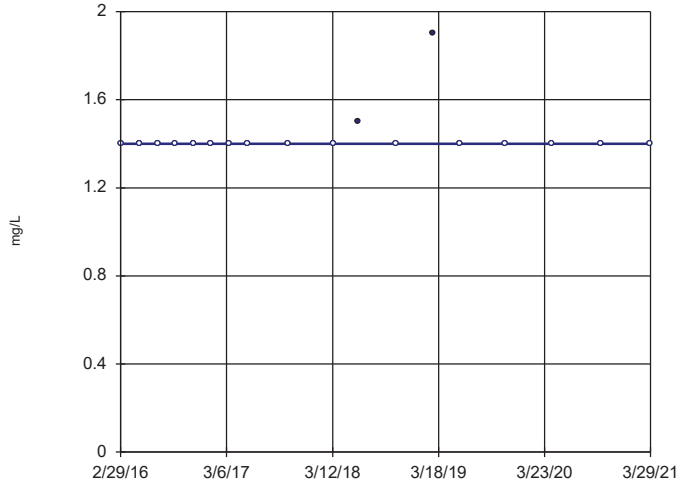
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

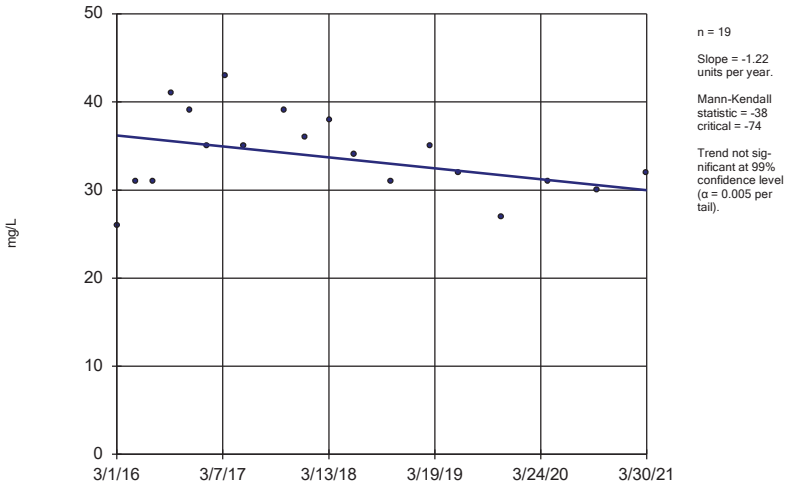
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

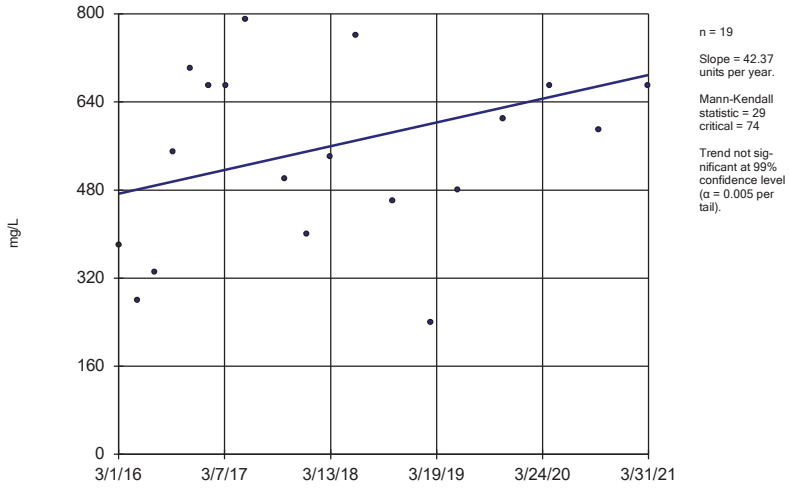
Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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).

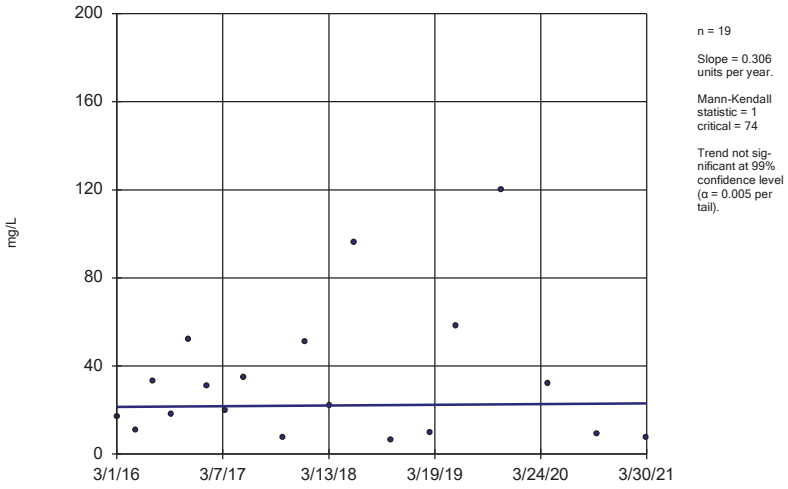
Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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

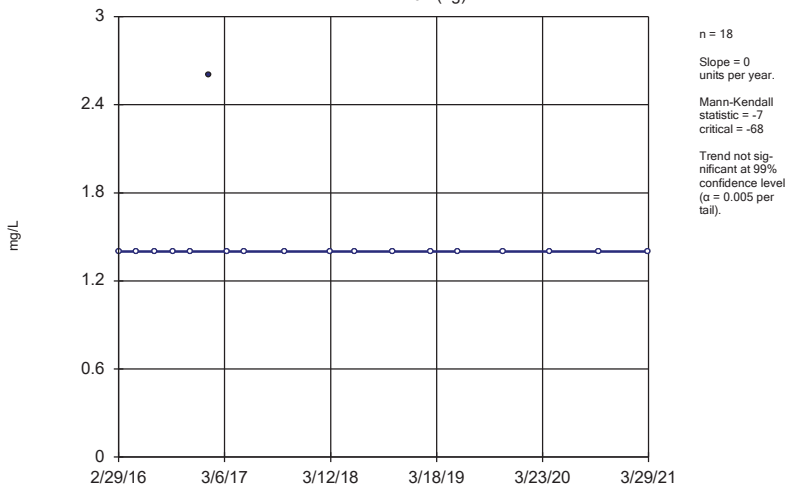
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

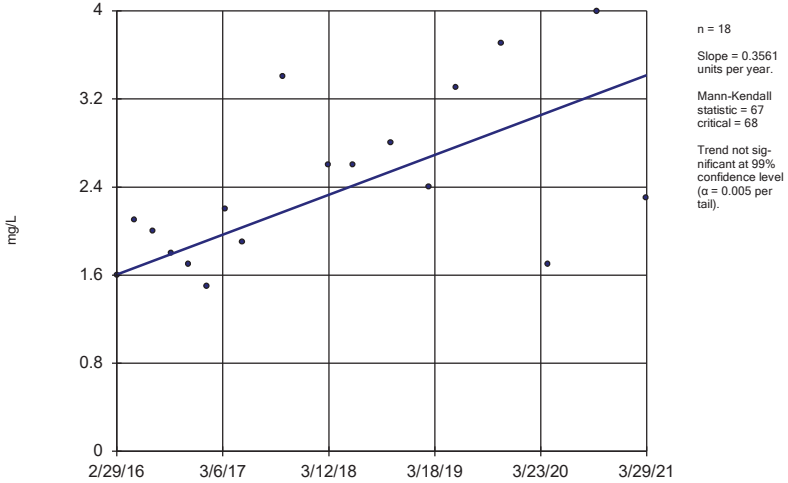
Constituent: Sulfate Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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

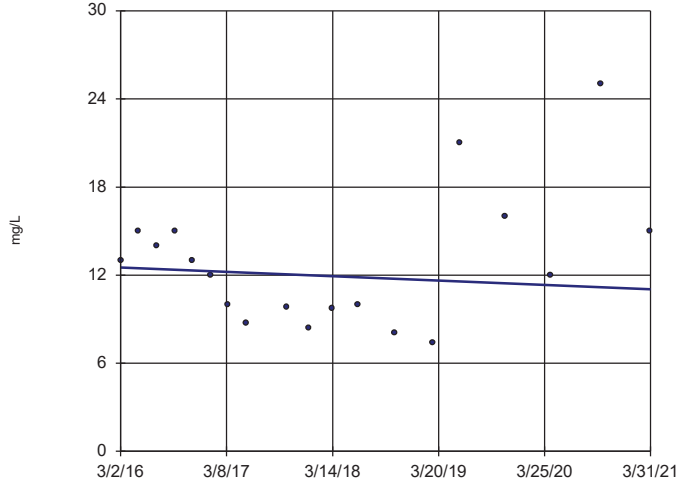
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

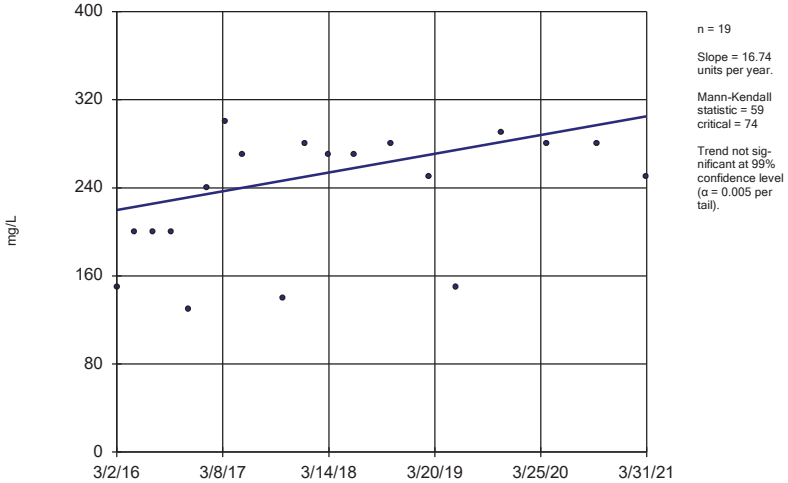
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

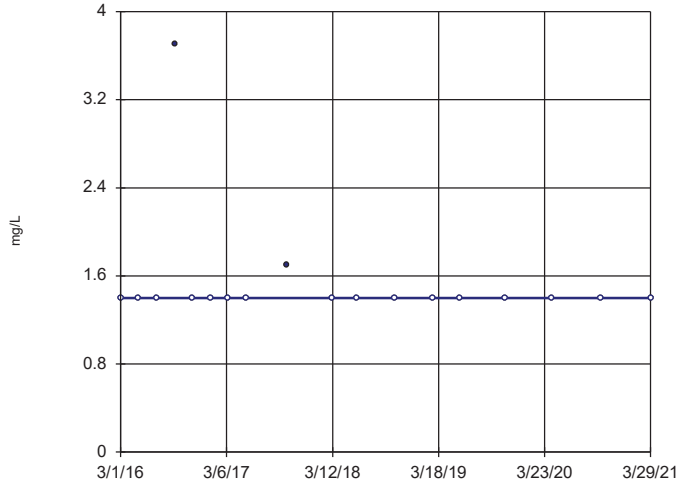
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

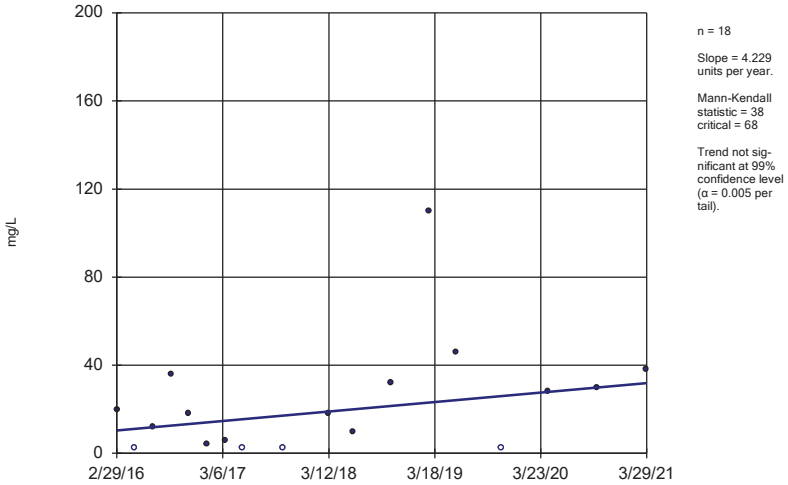
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

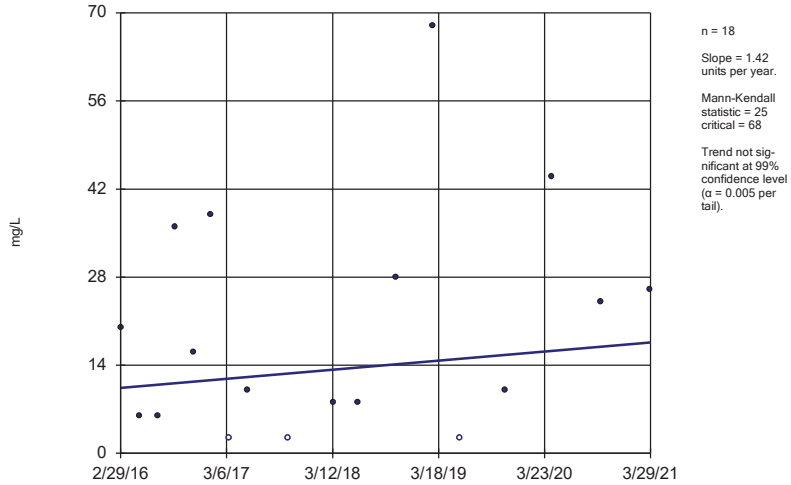
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

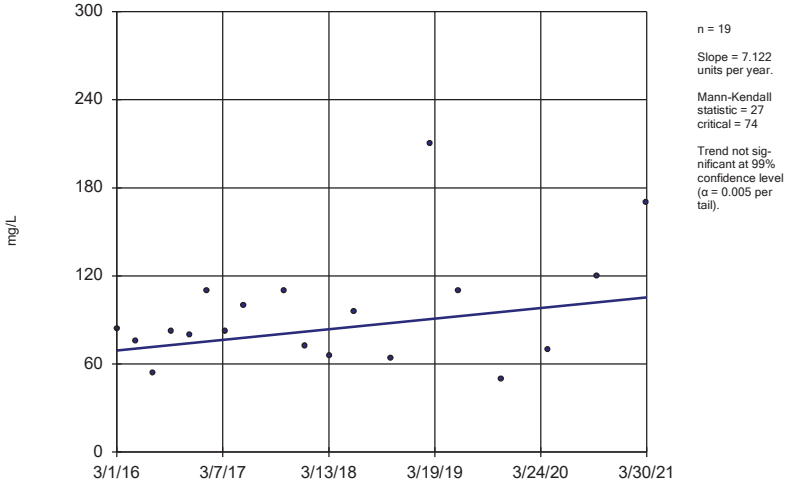
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

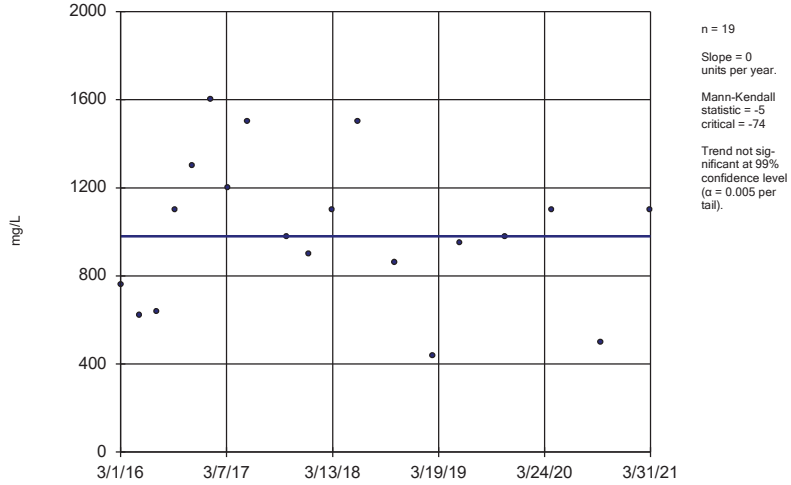
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

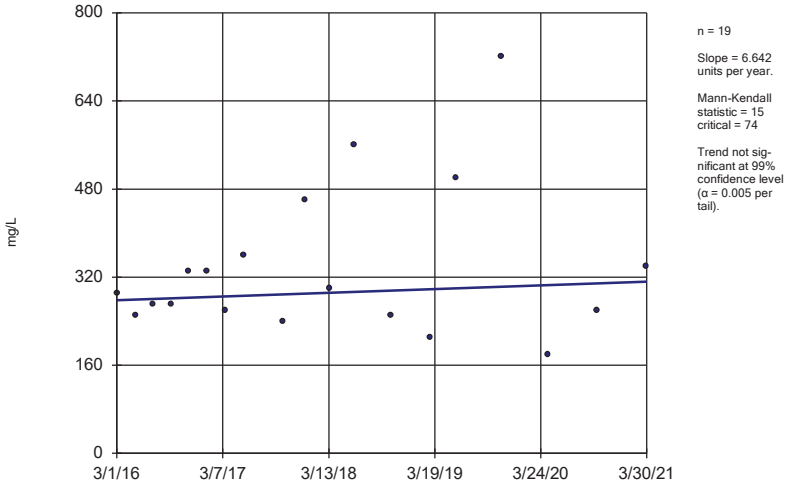
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

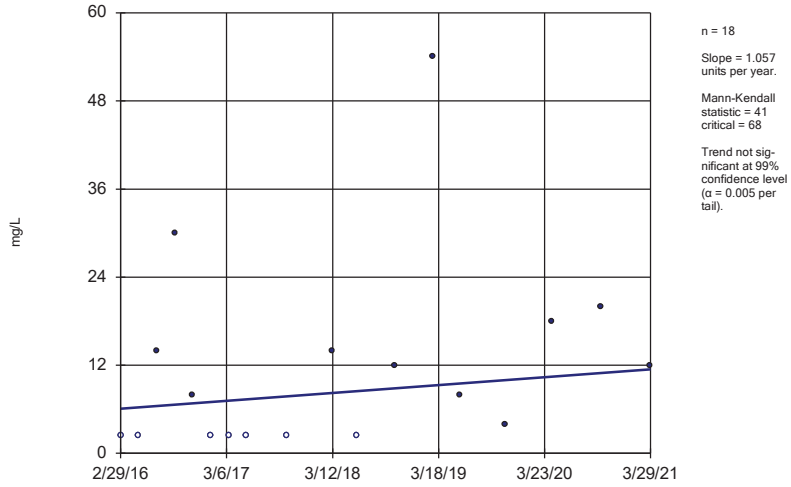
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

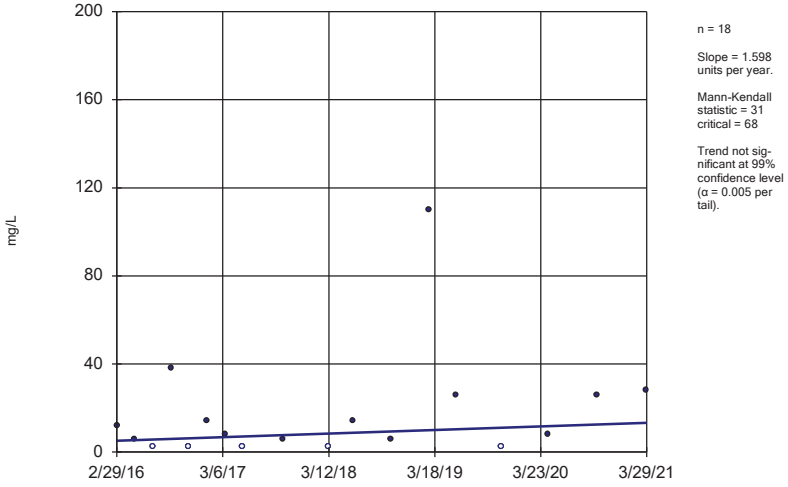
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

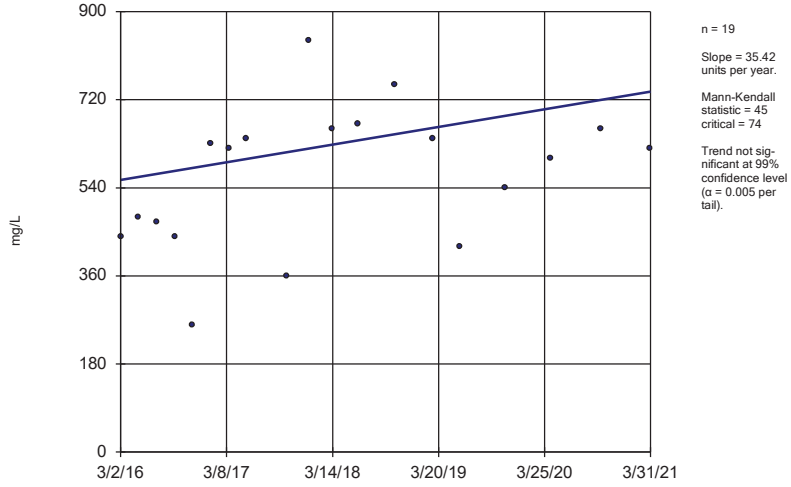
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:25 PM View: 100 Series Trend Tests

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.

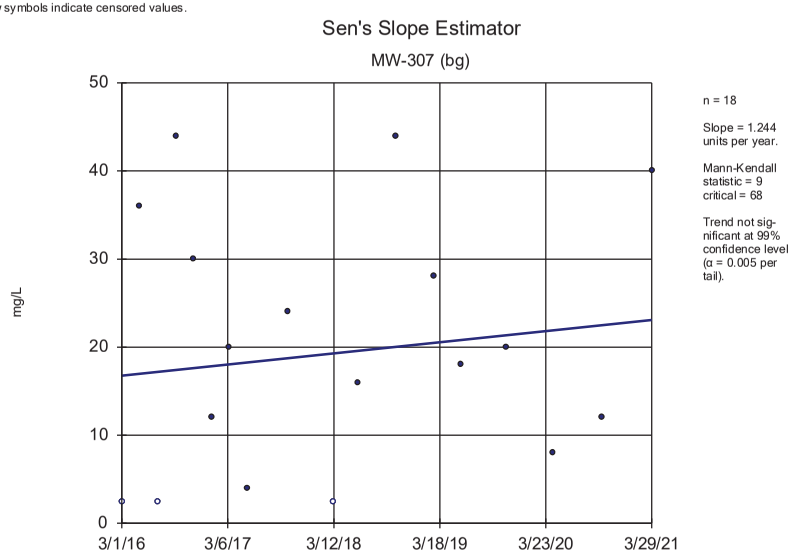
Mann-Kendall statistic = 45 critical = 74

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.



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

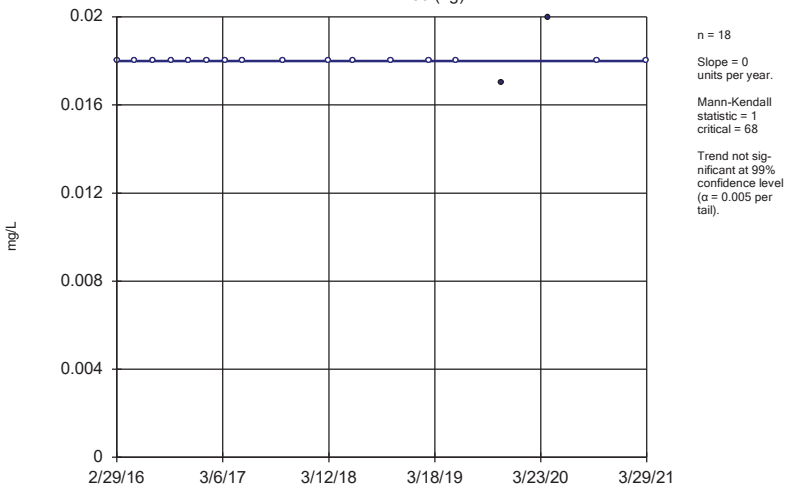
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/11/2021, 6:39 PM

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

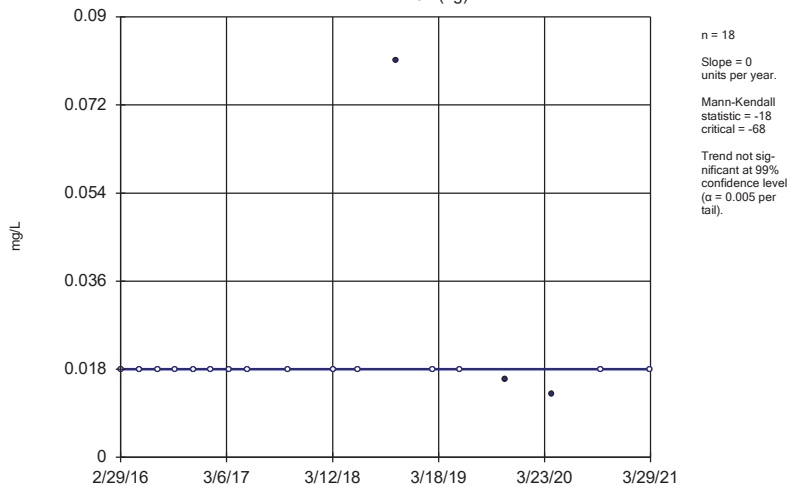
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

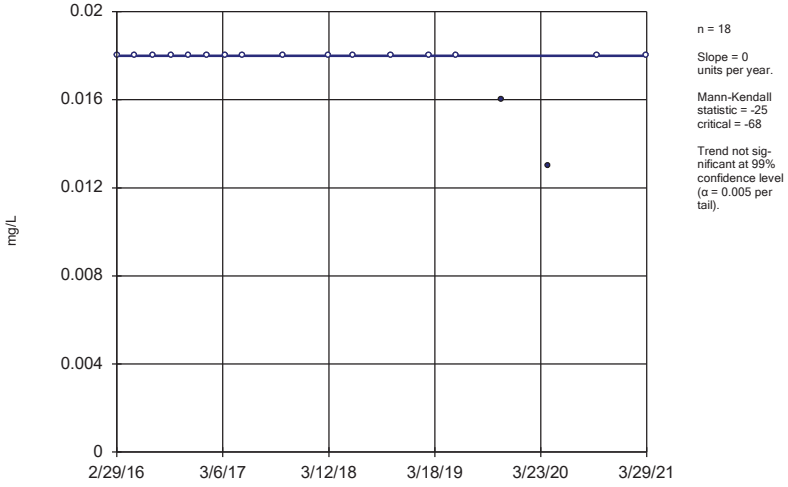
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

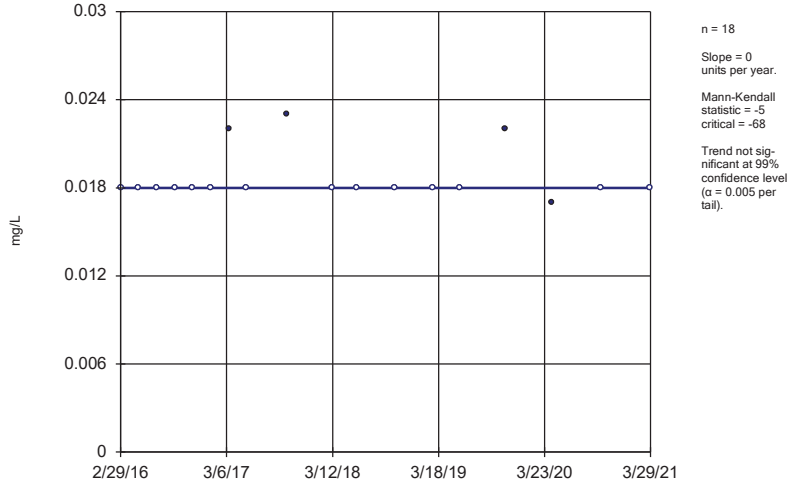
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

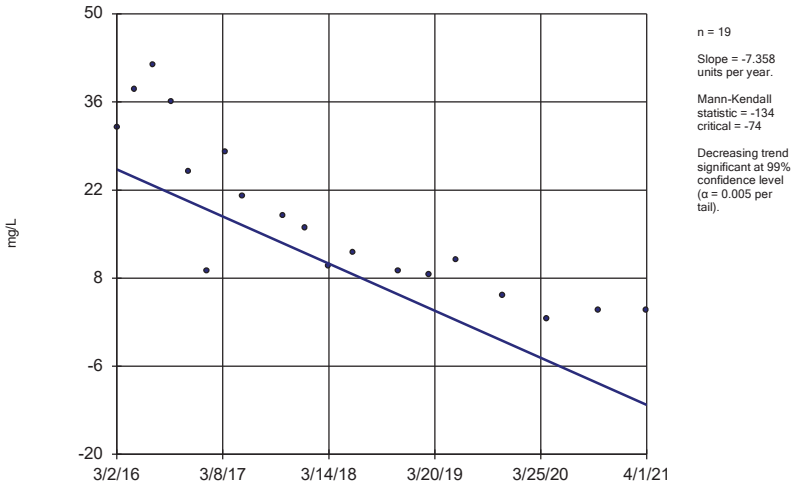
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

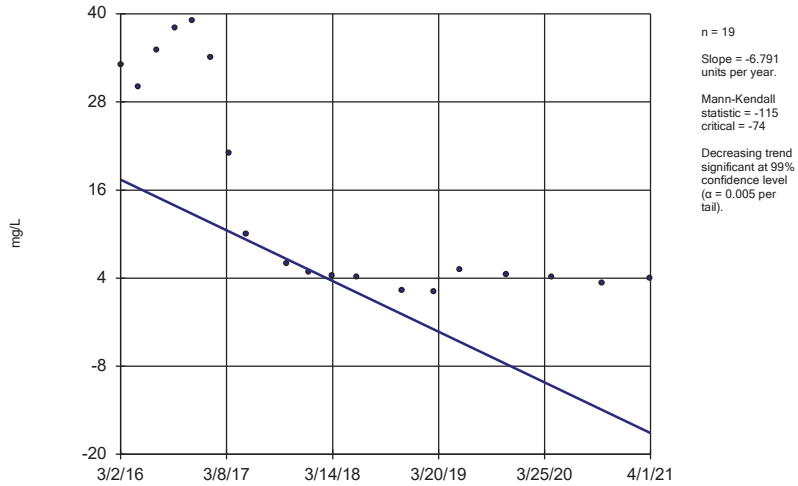
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

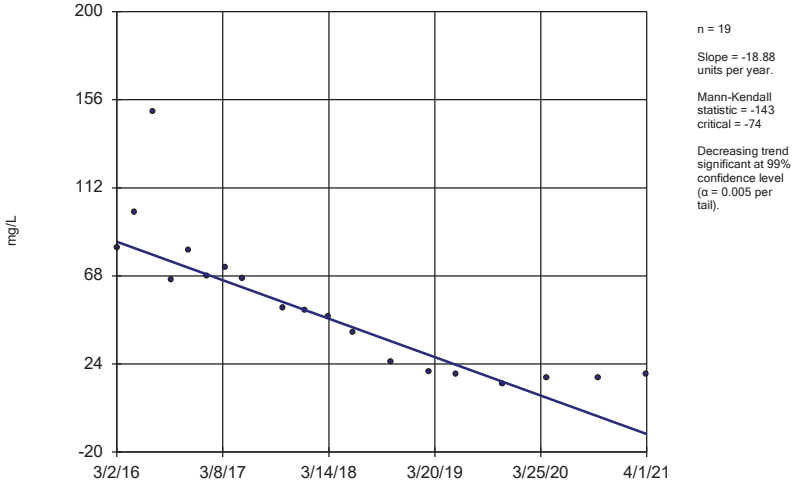
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

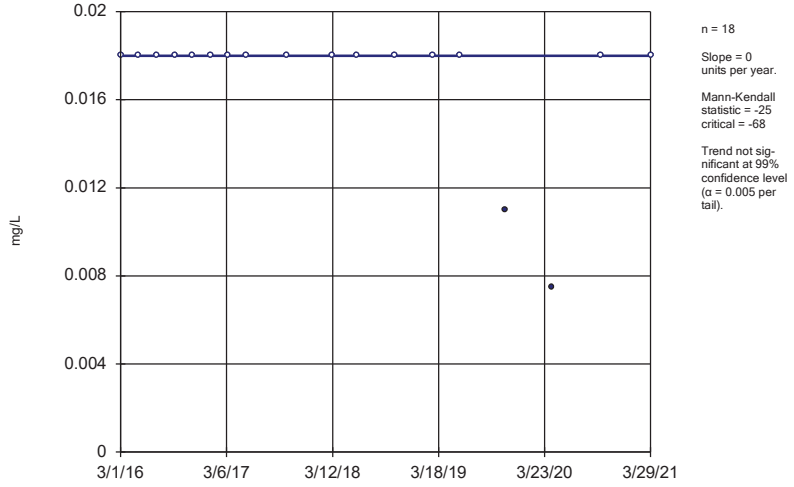
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

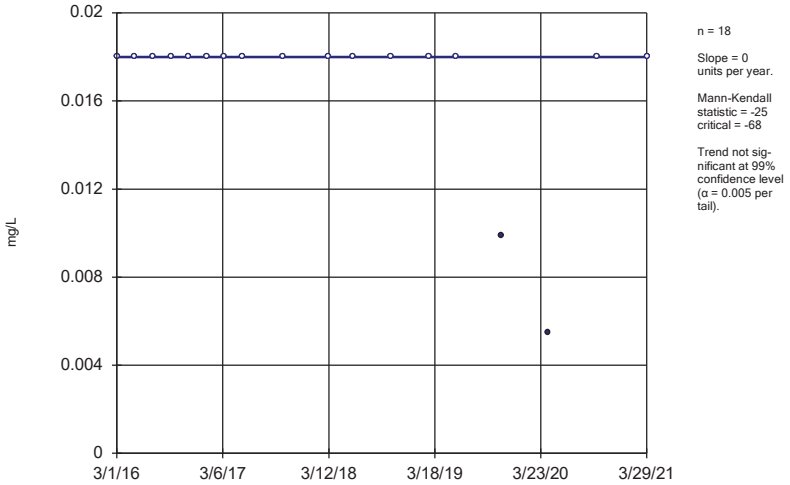
Constituent: Boron Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

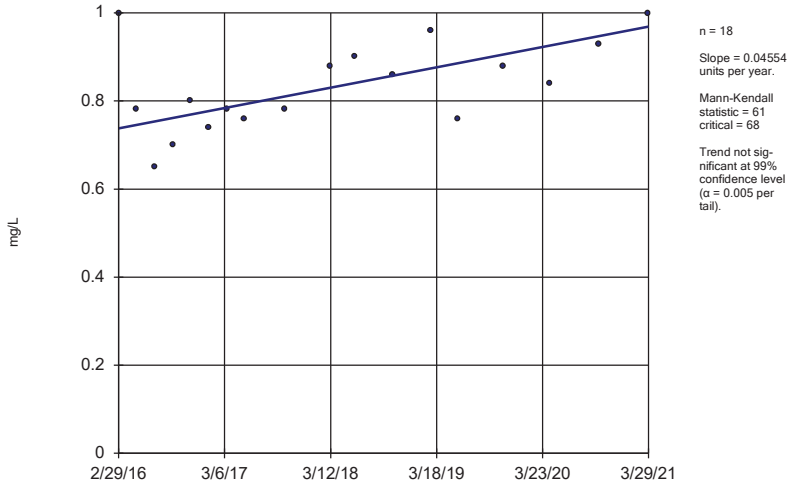
Constituent: Boron Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

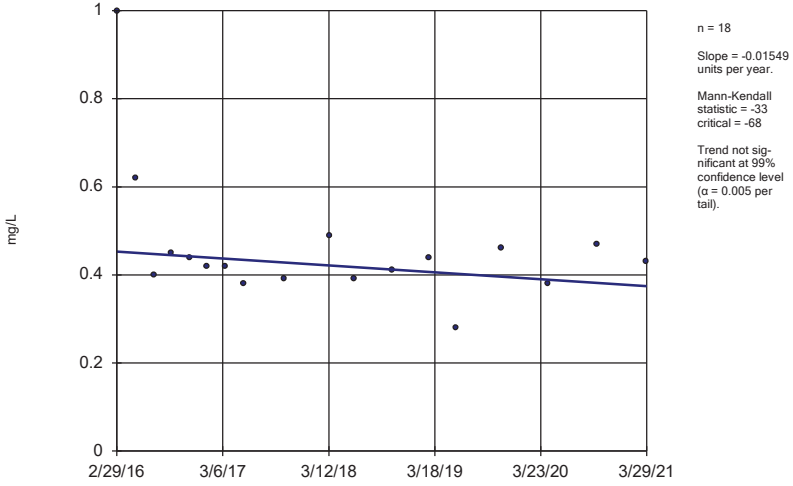
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

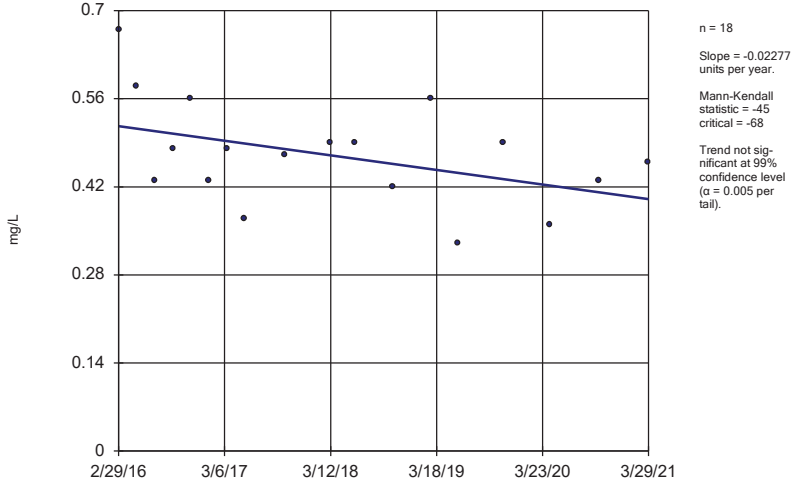
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

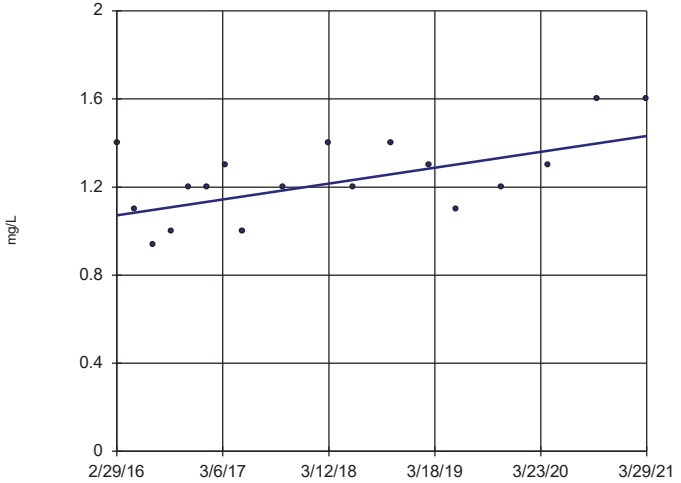
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

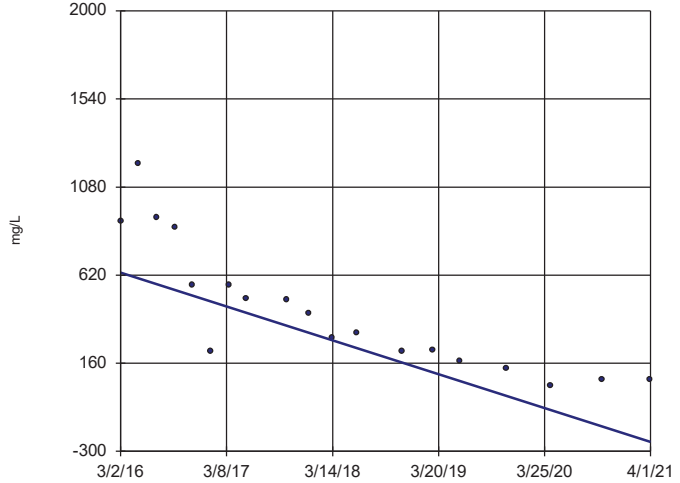
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

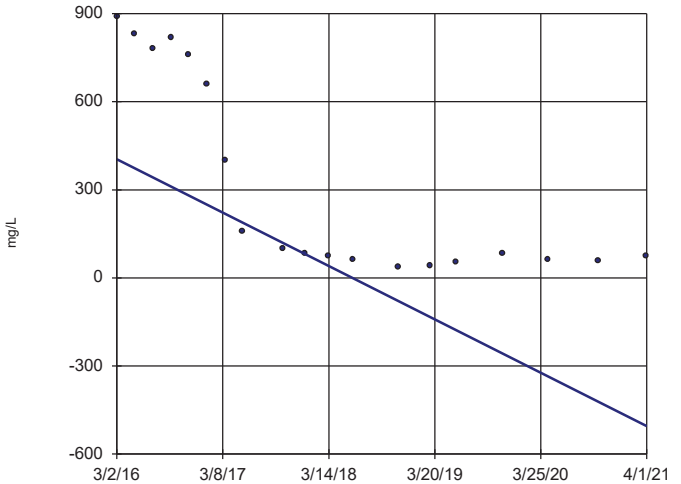
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

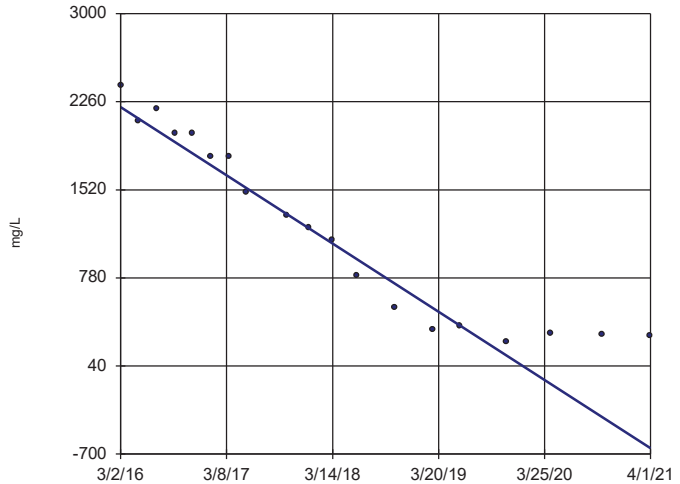
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

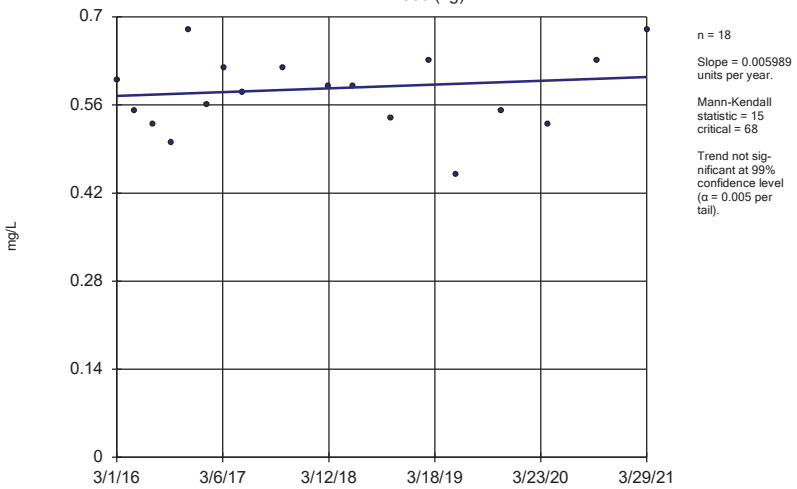
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

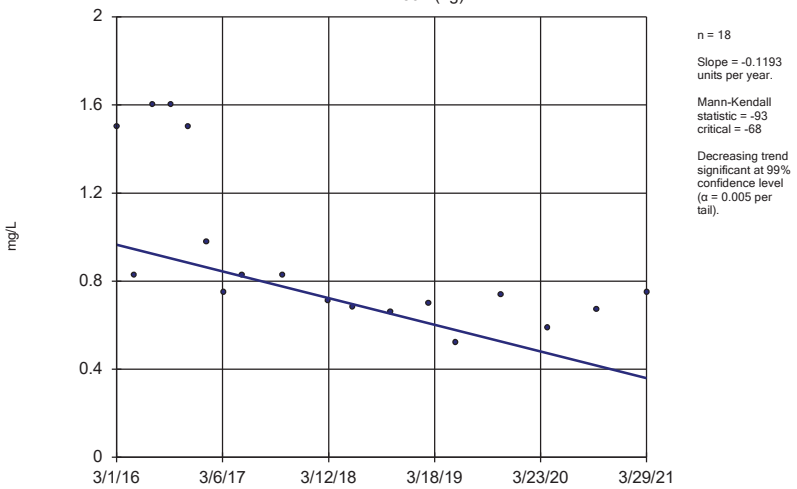
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

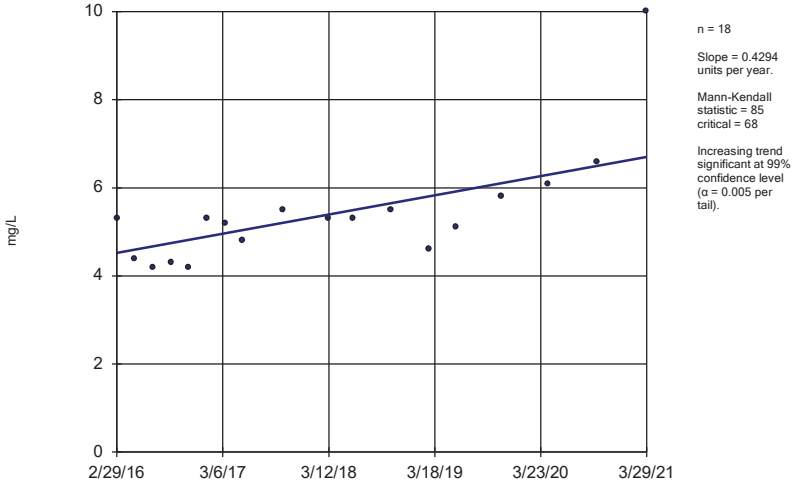
Constituent: Calcium Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

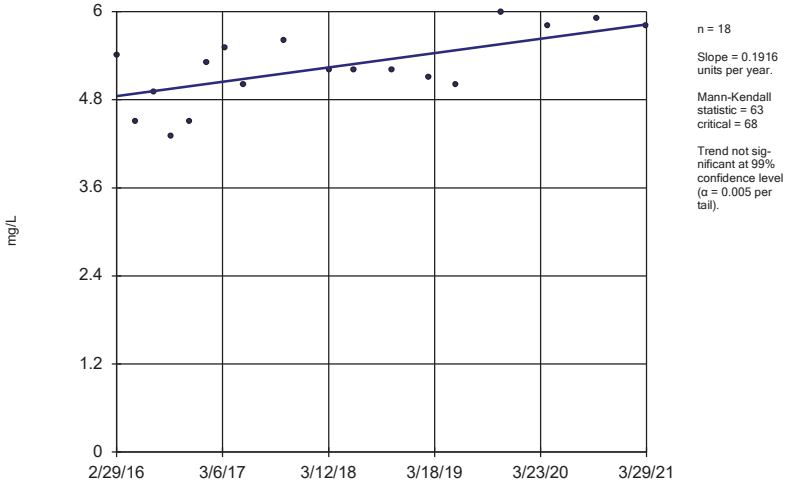
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

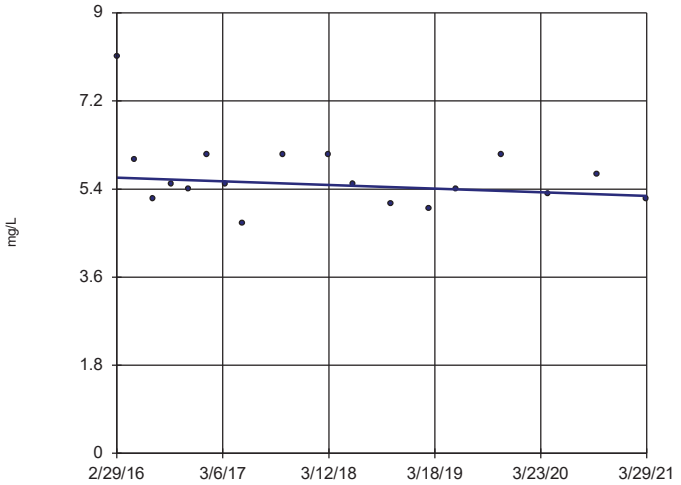
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

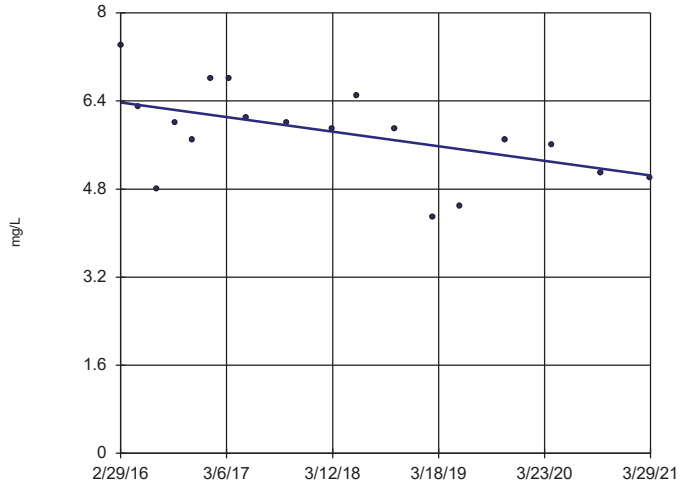
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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

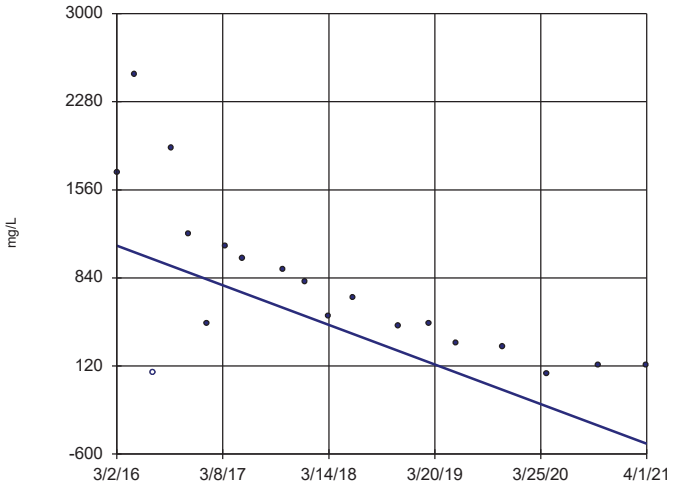
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

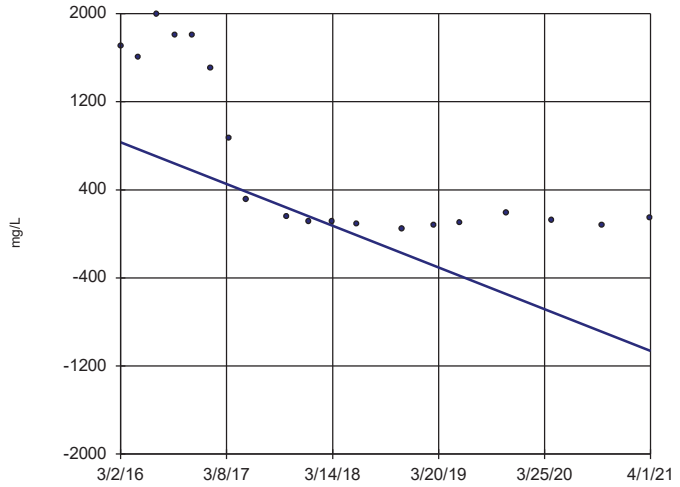
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

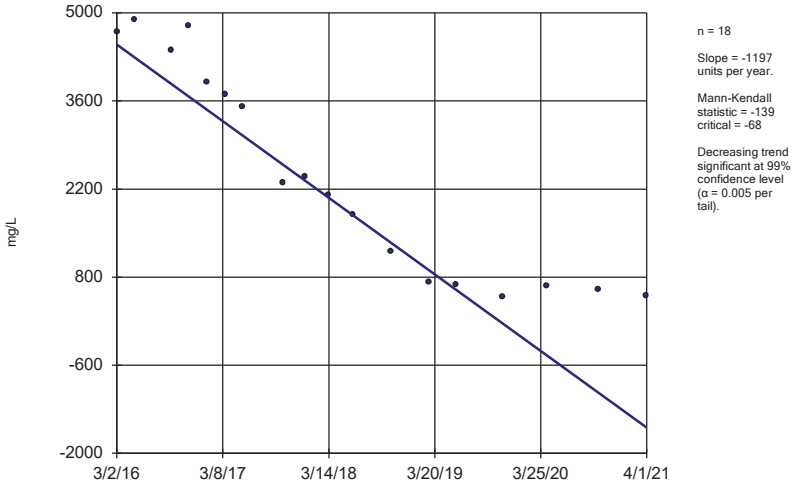
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

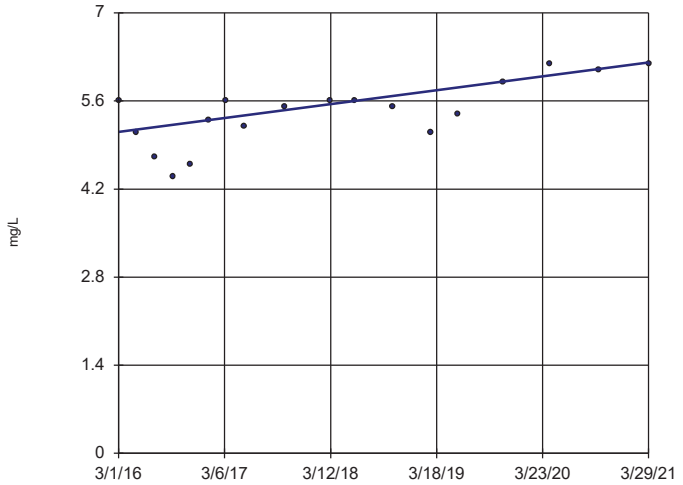
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

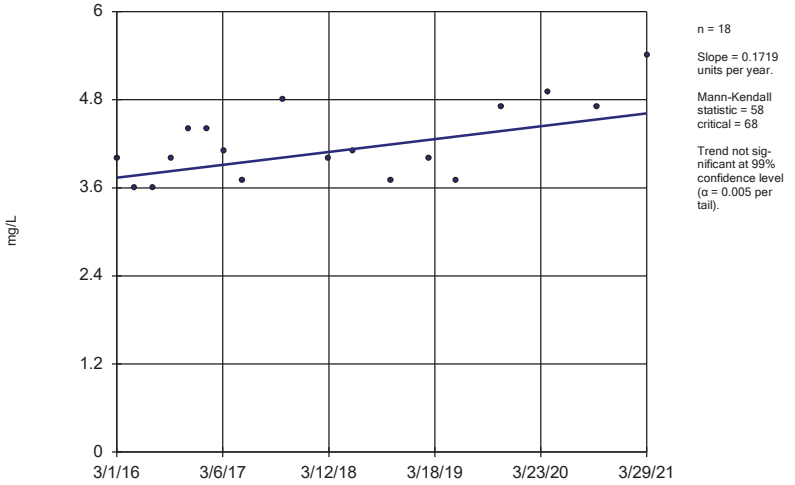
Constituent: Chloride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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

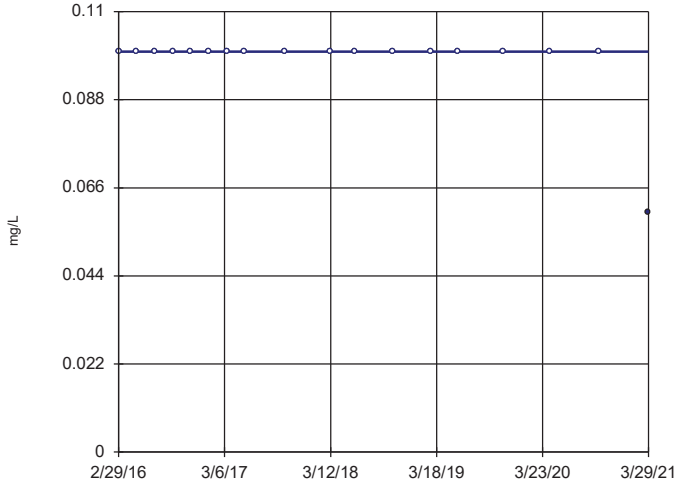
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

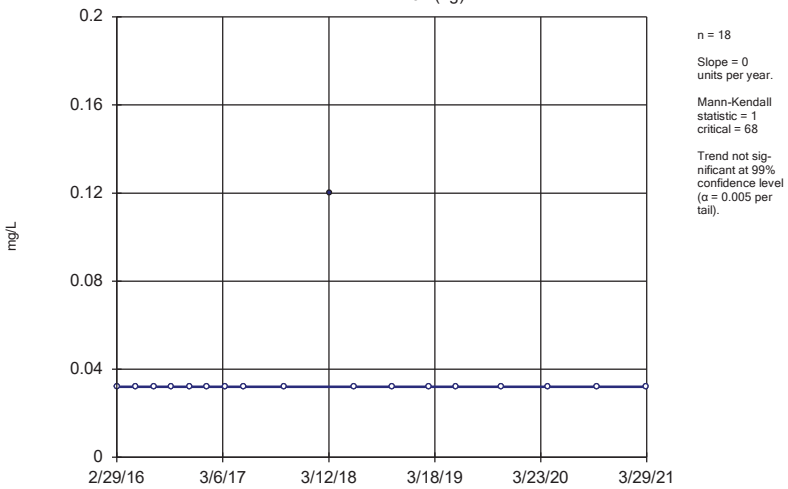
Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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)

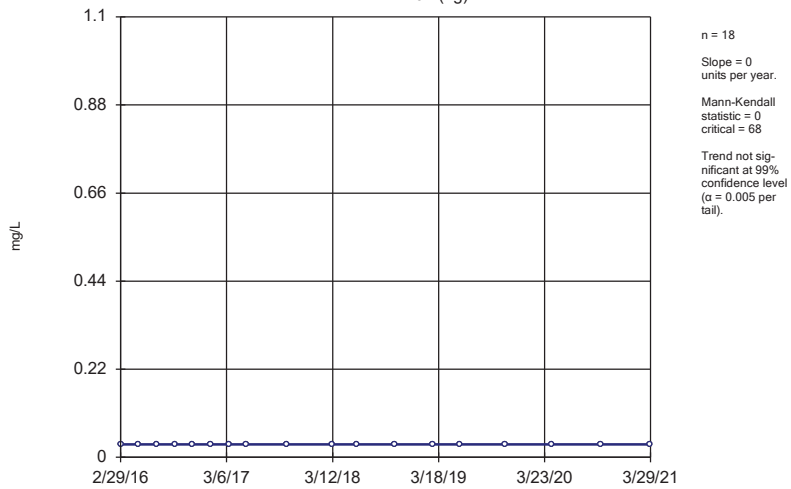


Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

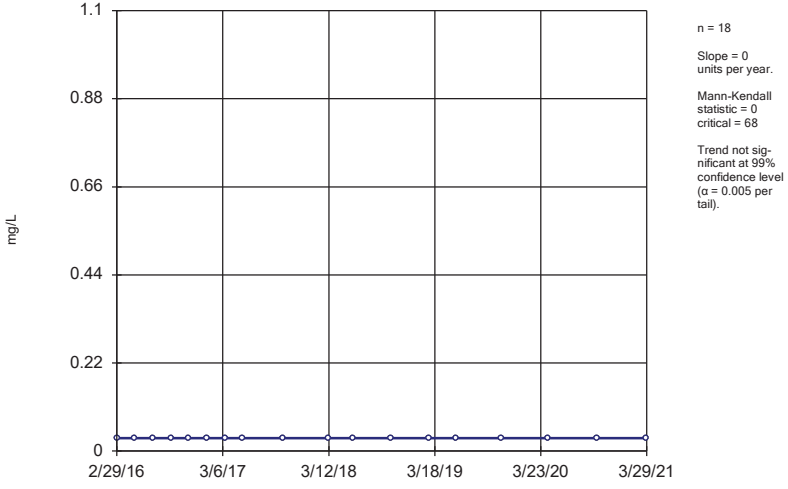


Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

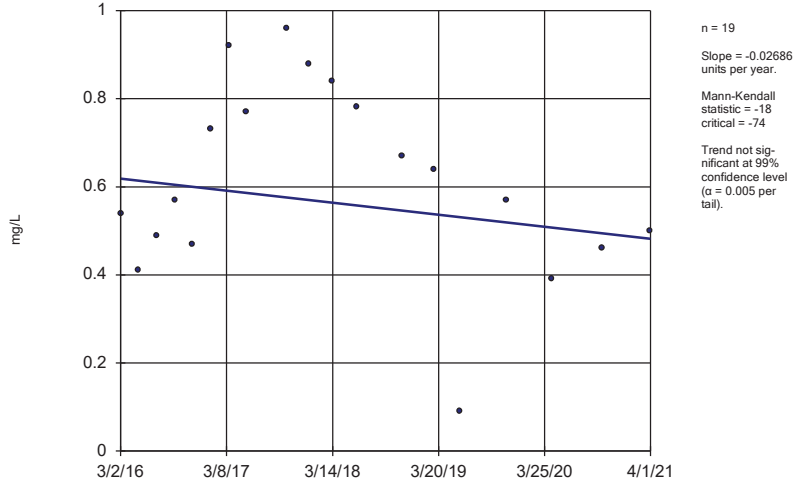


Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Sen's Slope Estimator

MW-201

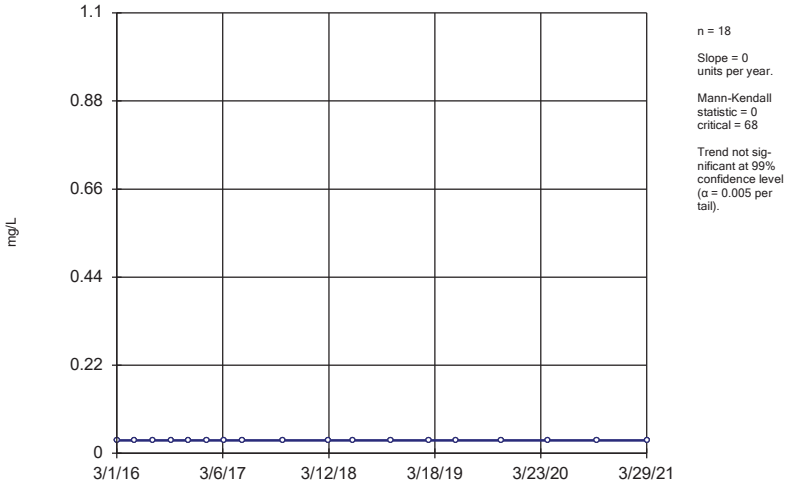


Constituent: Fluoride Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

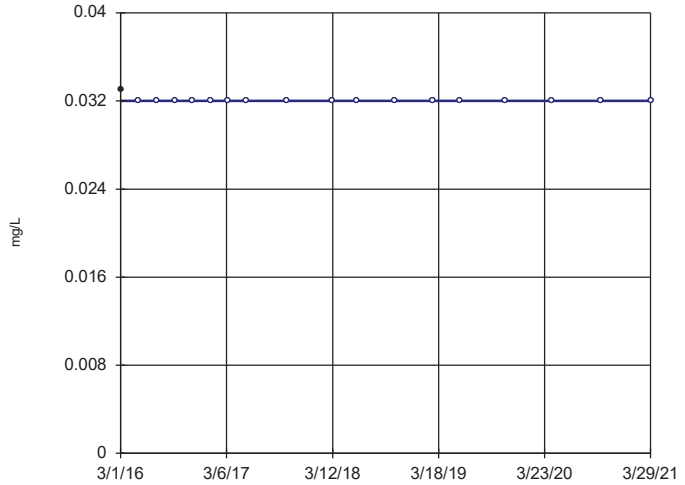
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

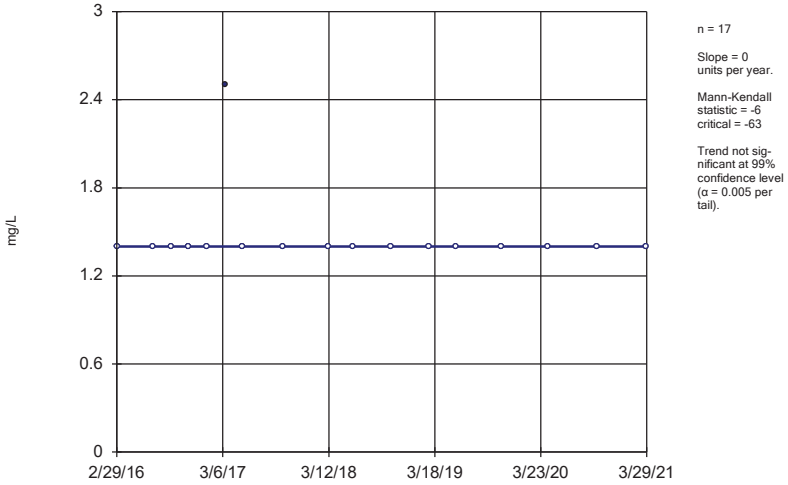
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

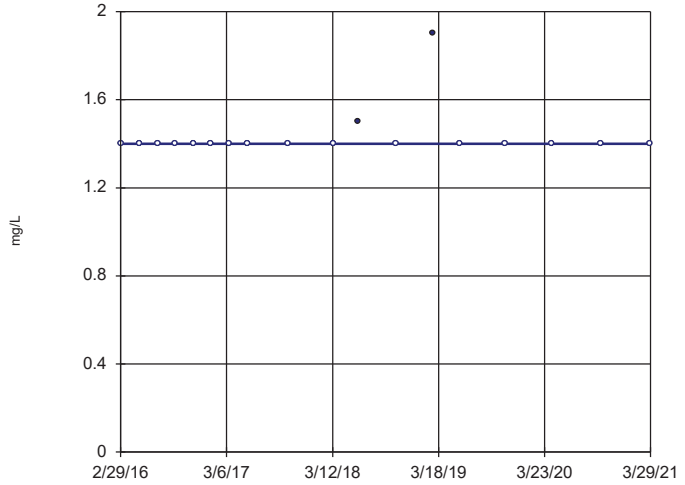
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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 sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

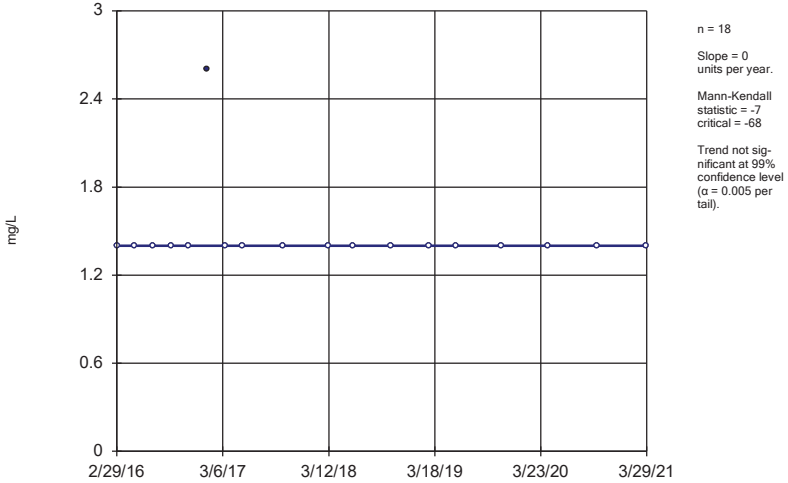
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

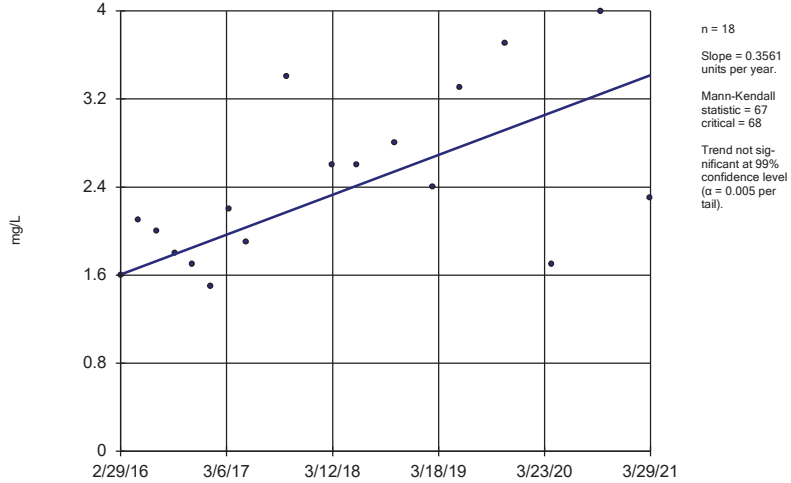
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

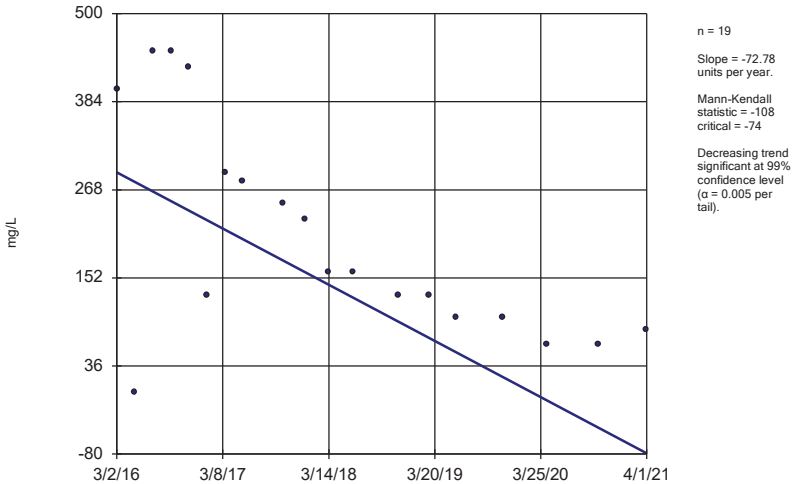
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

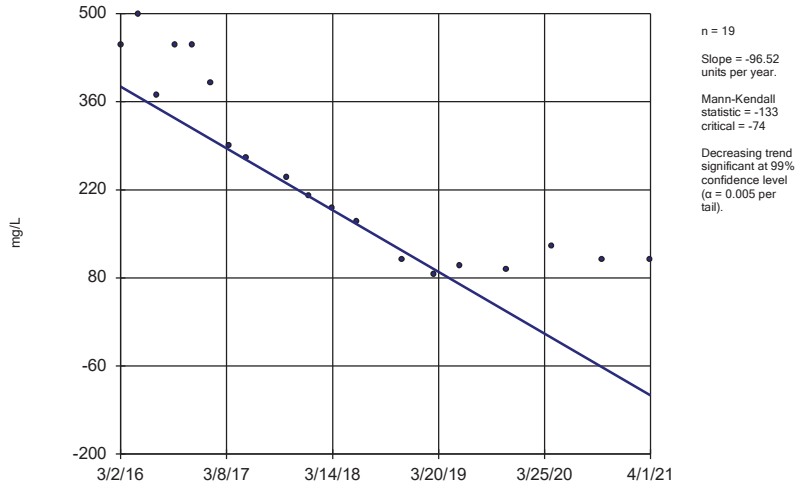
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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).

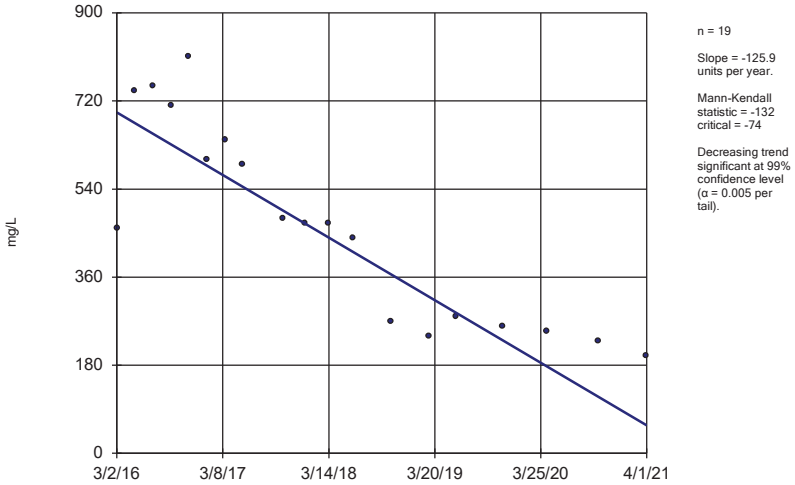
Constituent: Sulfate Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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

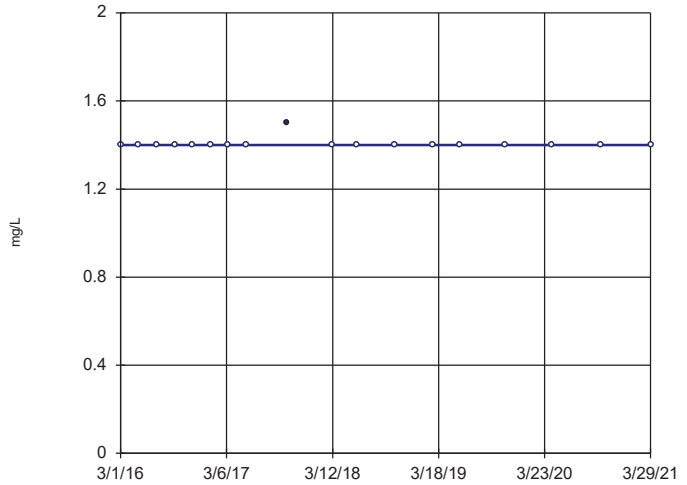
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

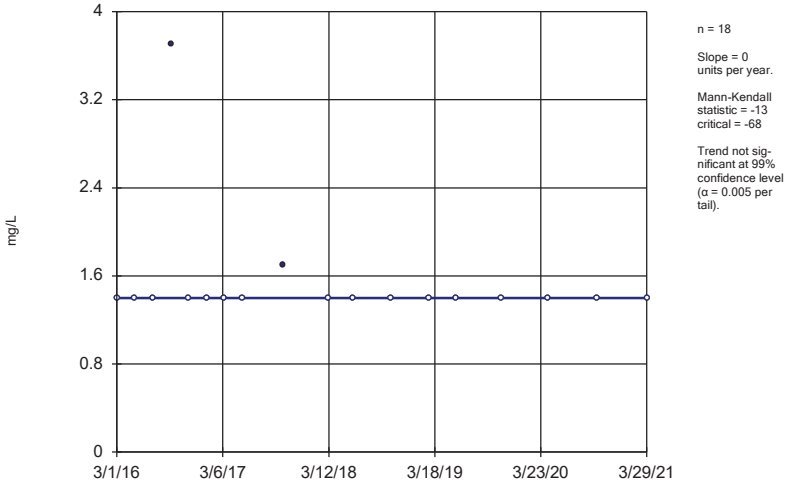
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

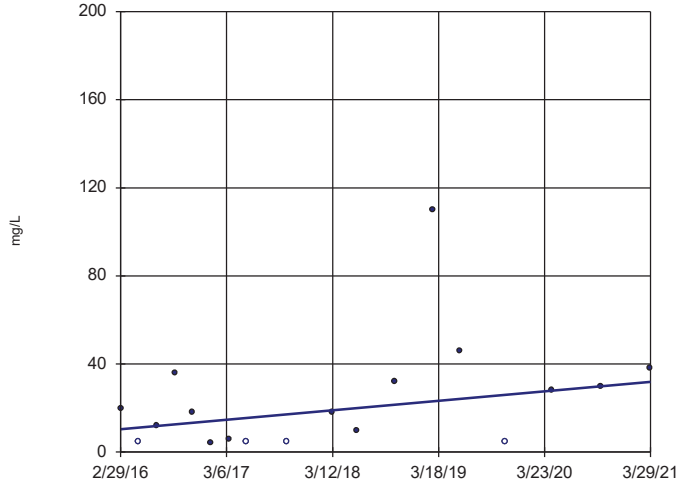
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

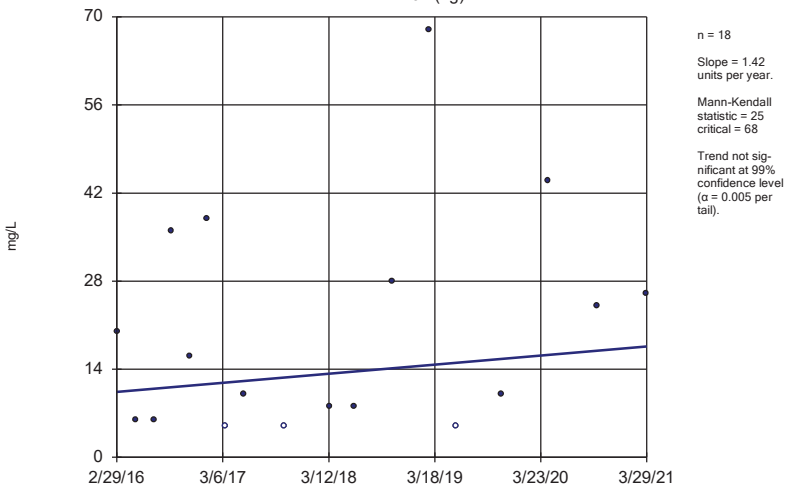
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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

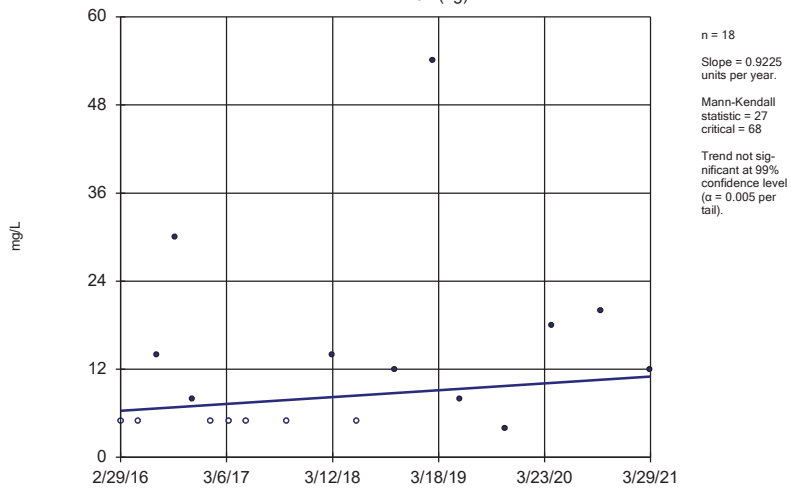
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

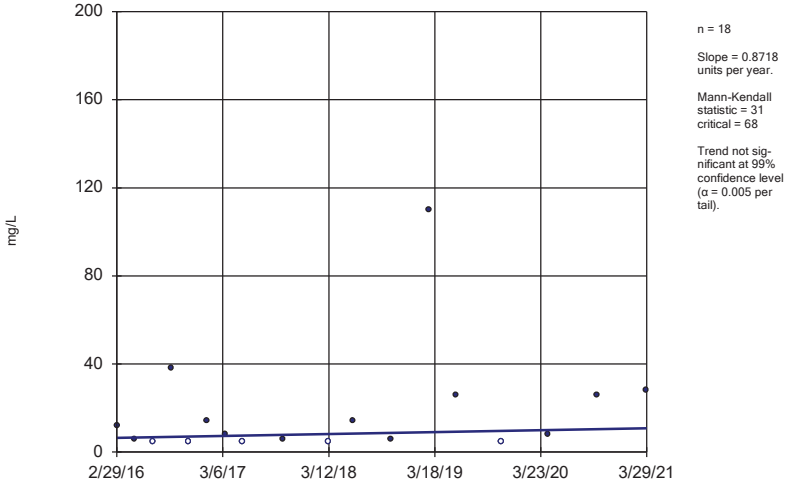
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

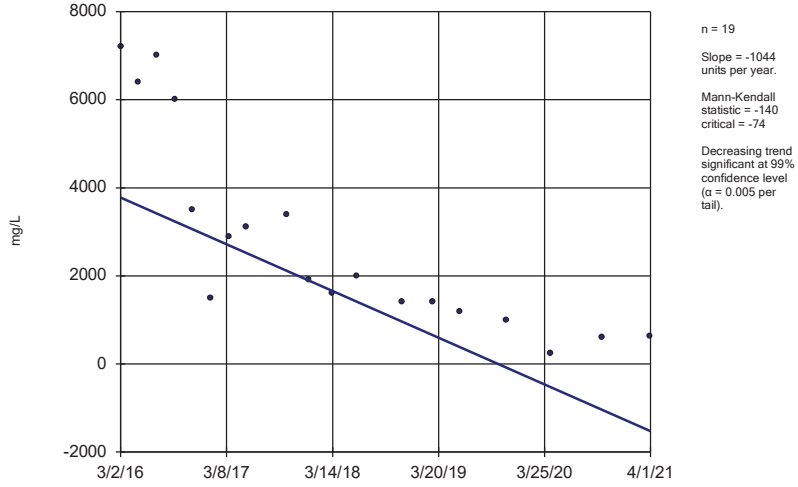
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

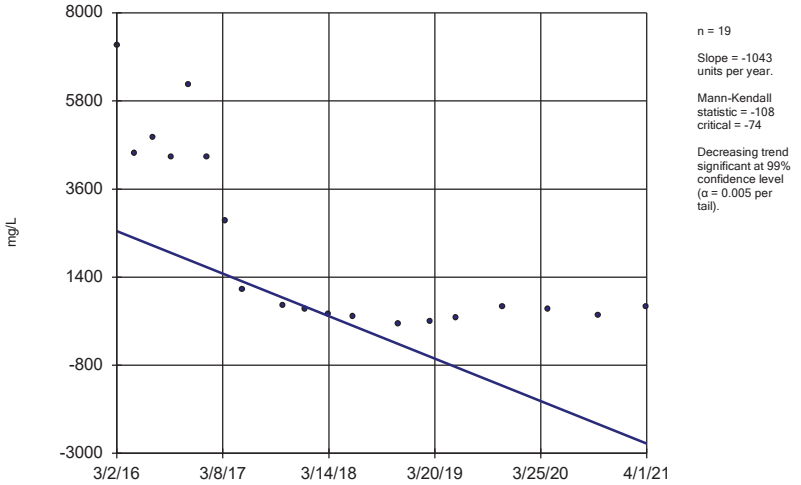
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

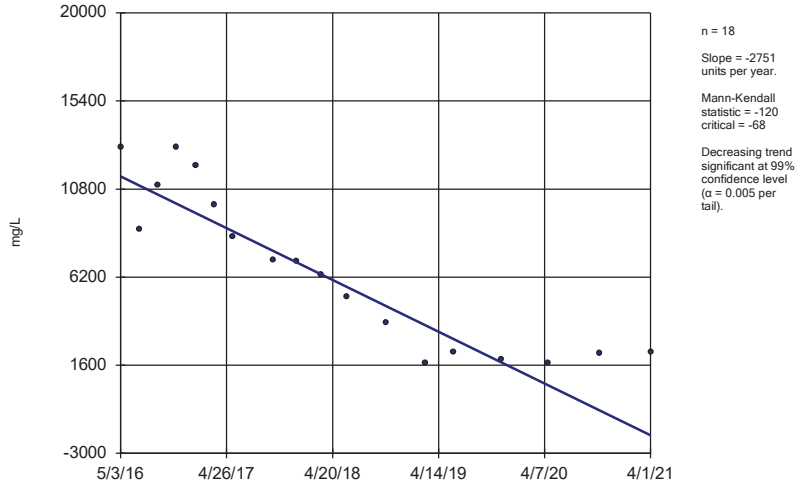
Constituent: Total Dissolved Solids Analysis Run 6/11/2021 6:37 PM View: 200 Series Trend Test

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

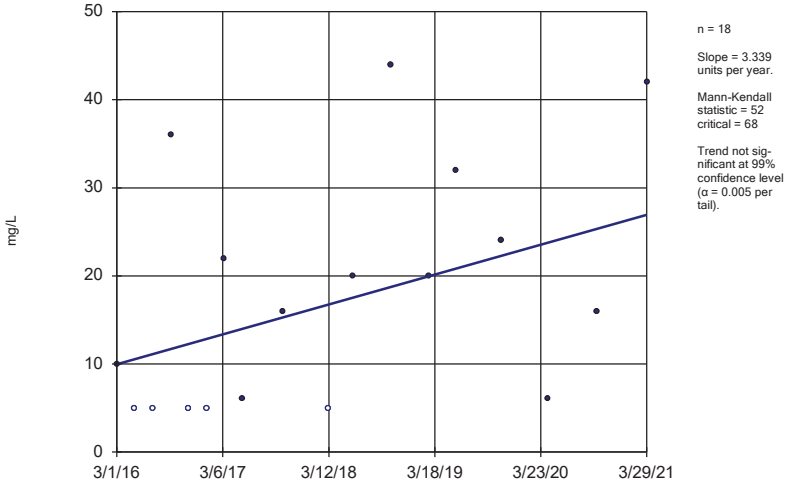
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

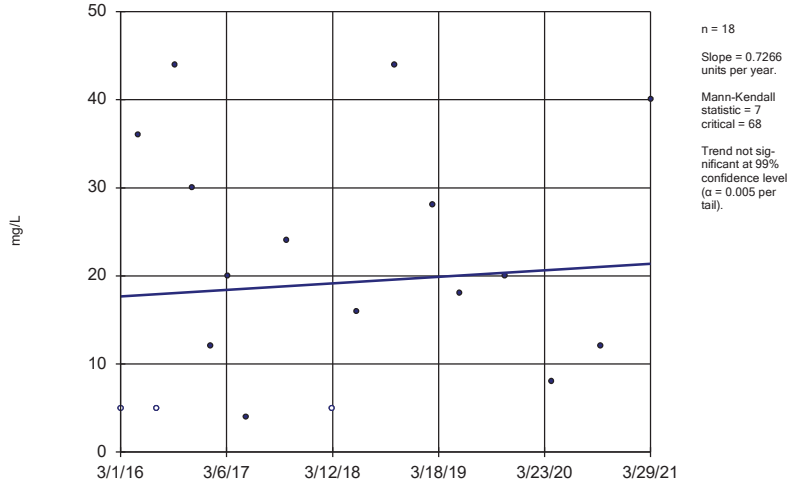
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

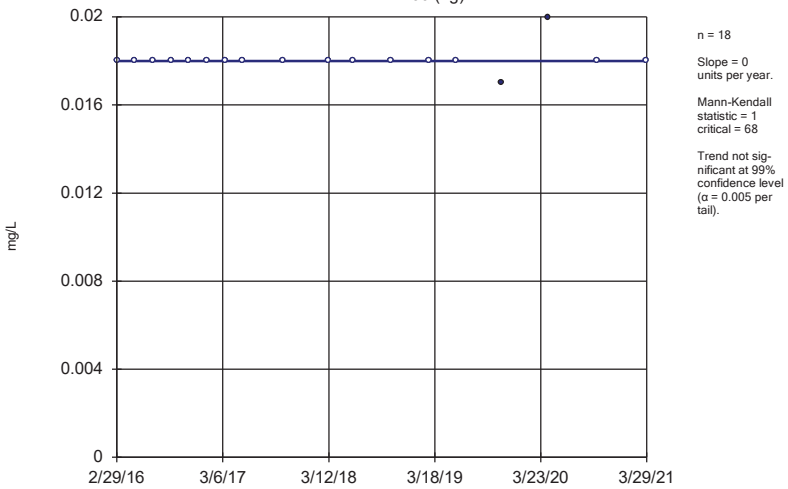
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:30 PM

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

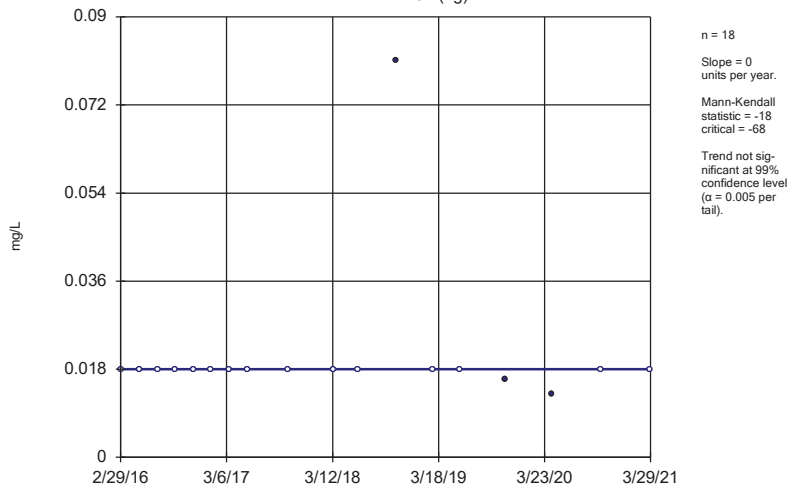
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

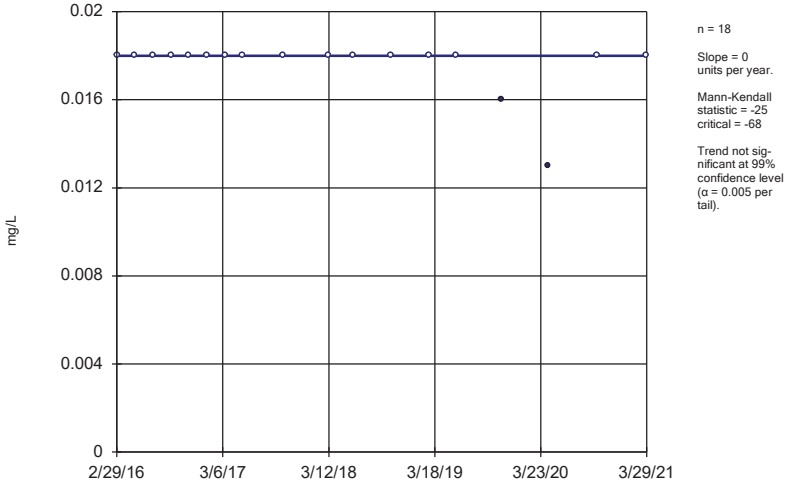
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

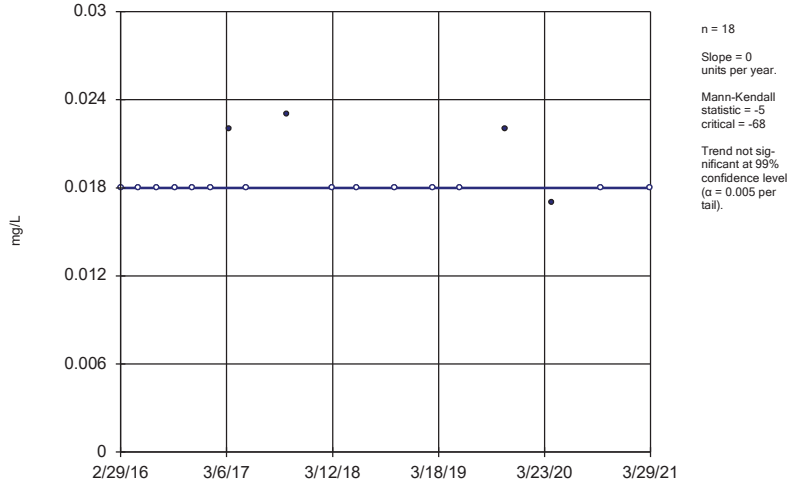
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

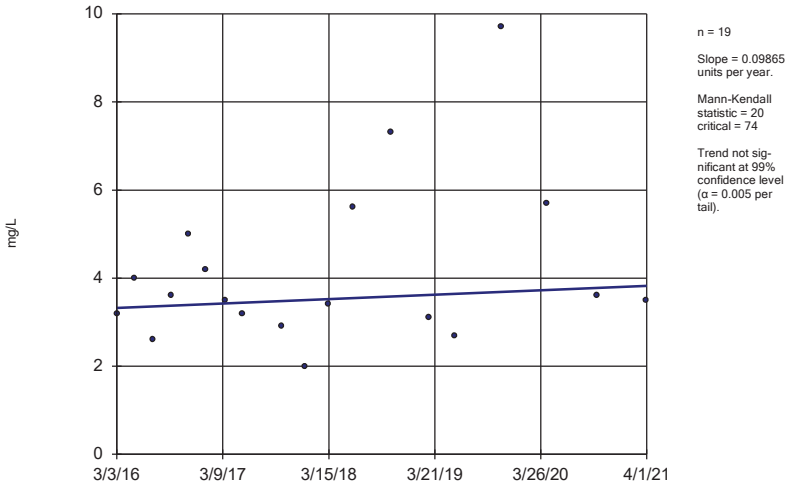
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

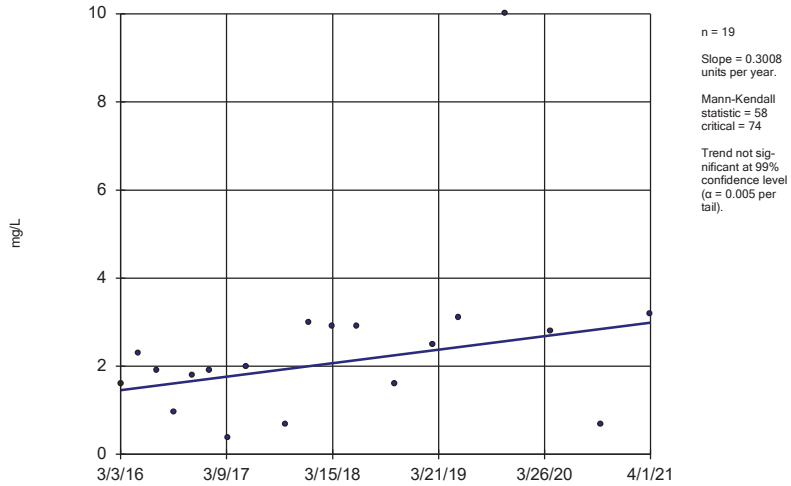
Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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

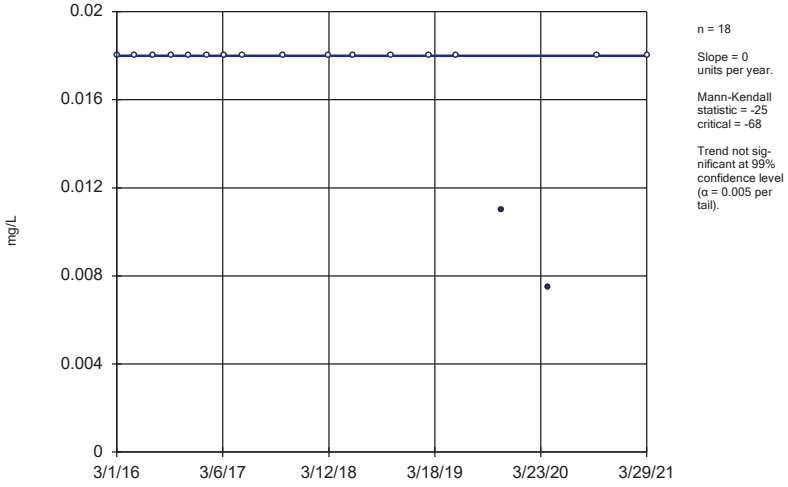
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

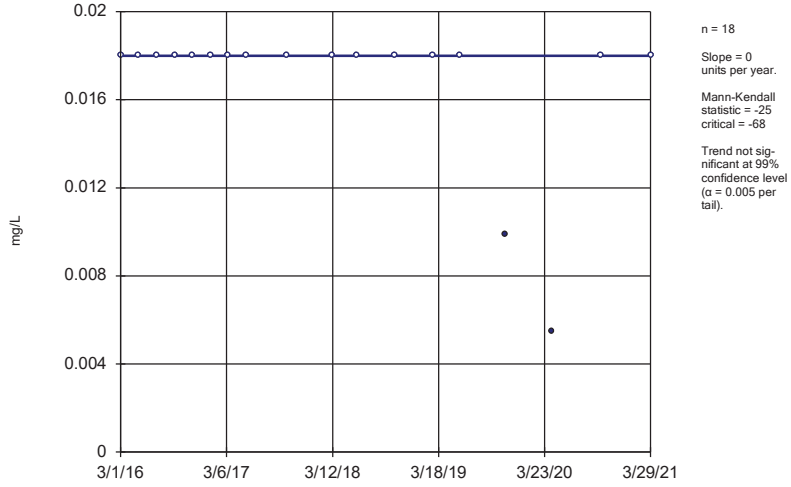
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

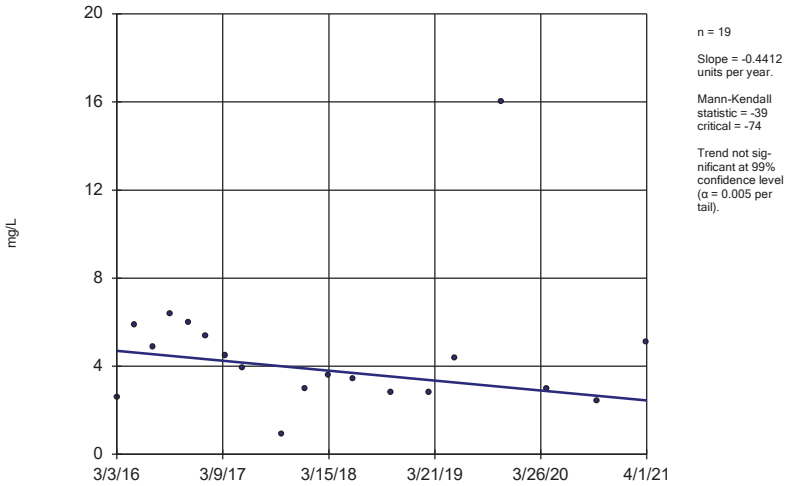
Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

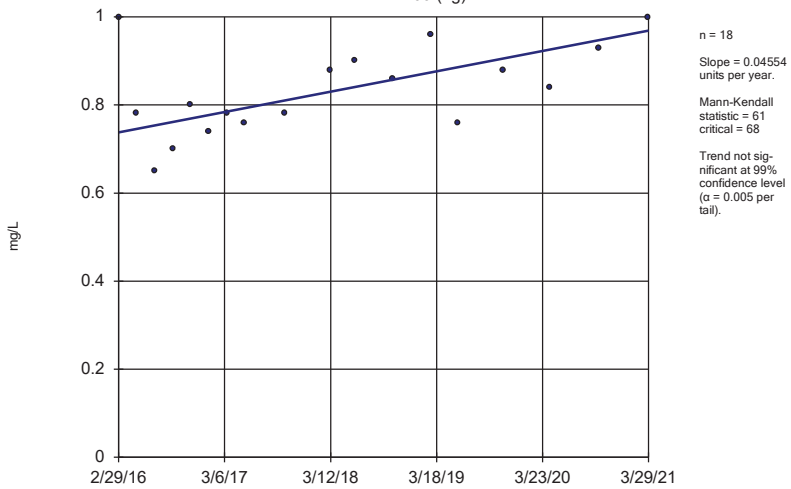
Constituent: Boron Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

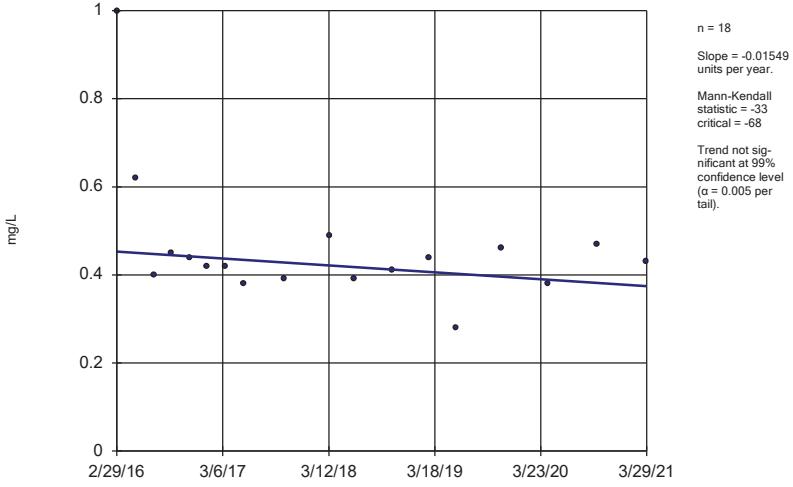
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

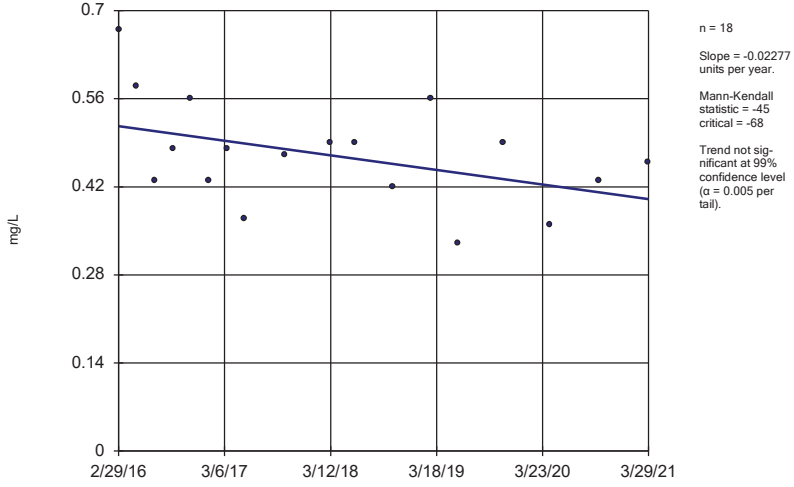
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

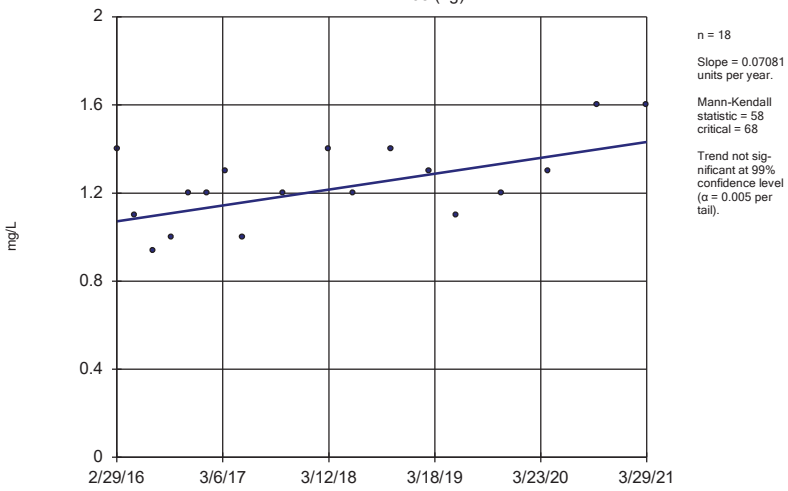
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

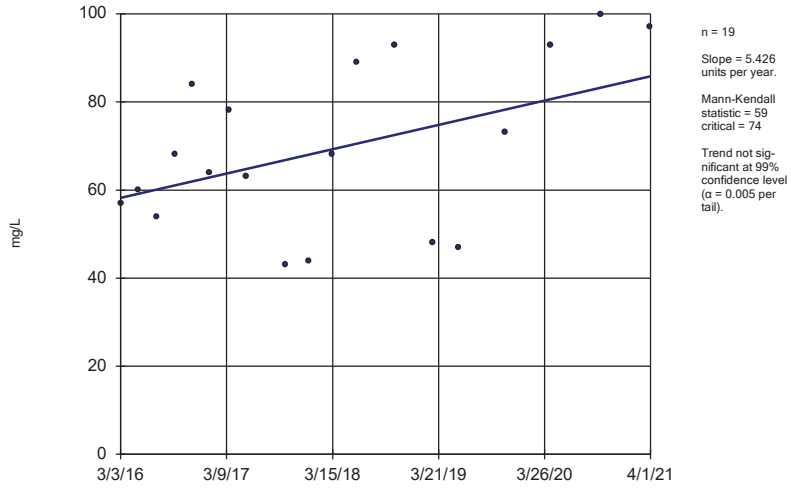
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

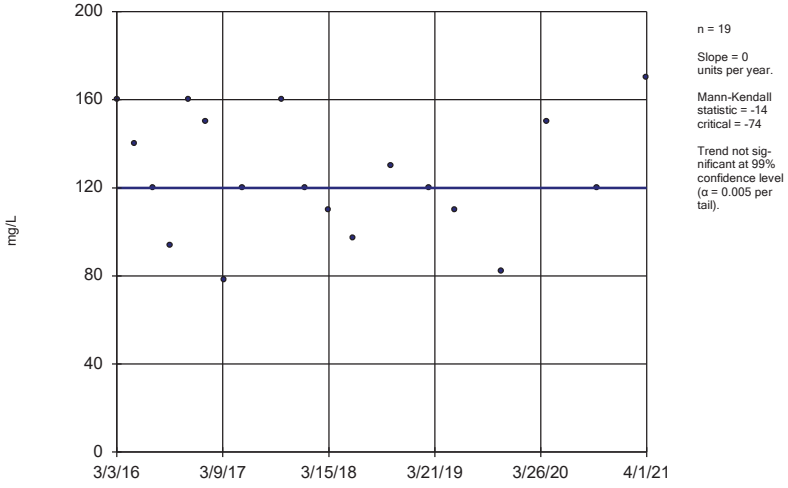
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

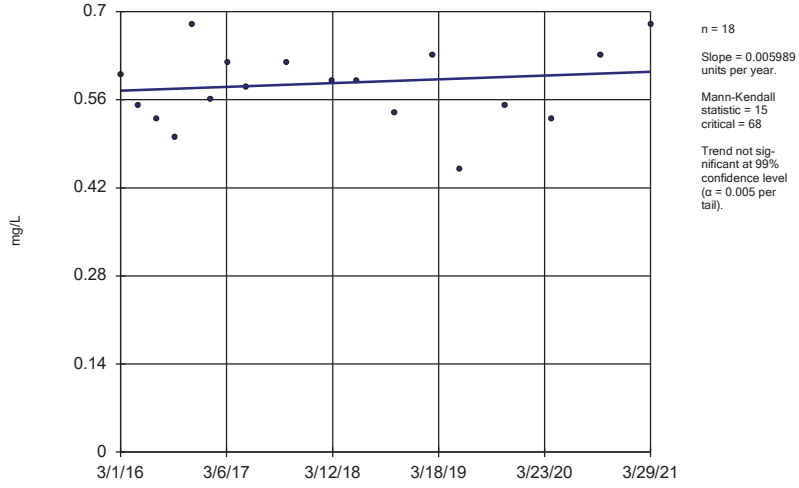
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

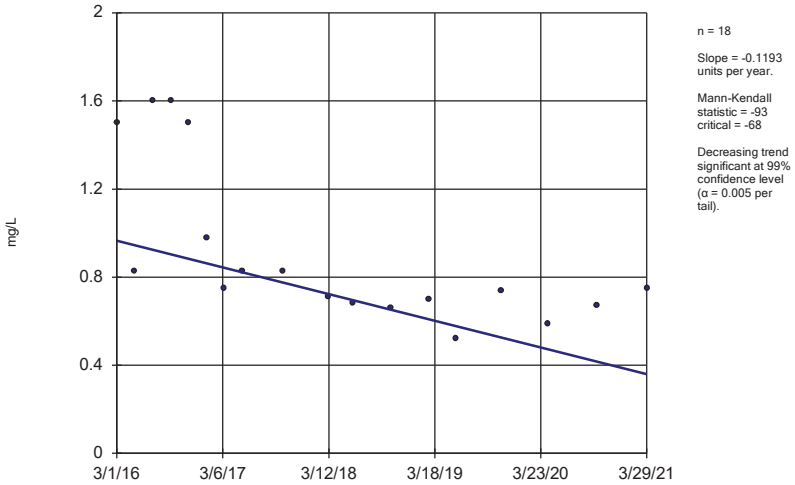
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

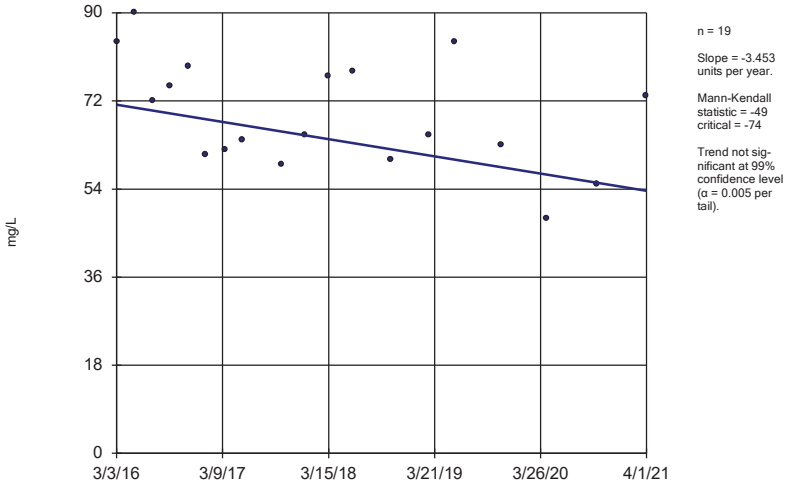
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

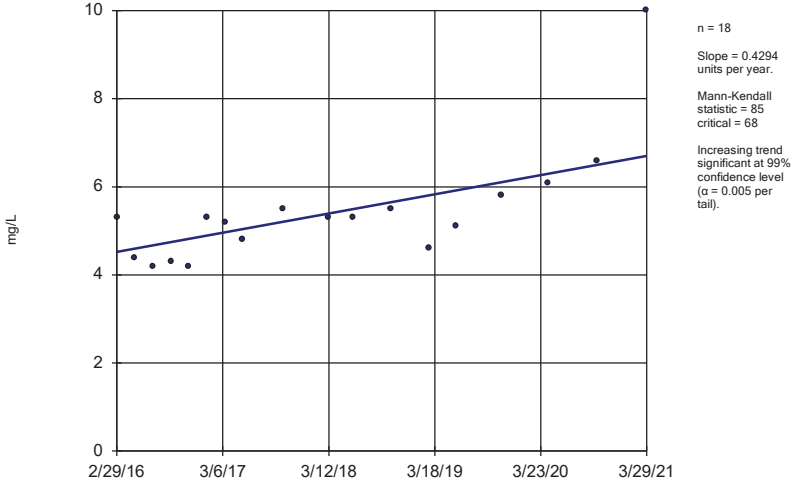
Constituent: Calcium Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

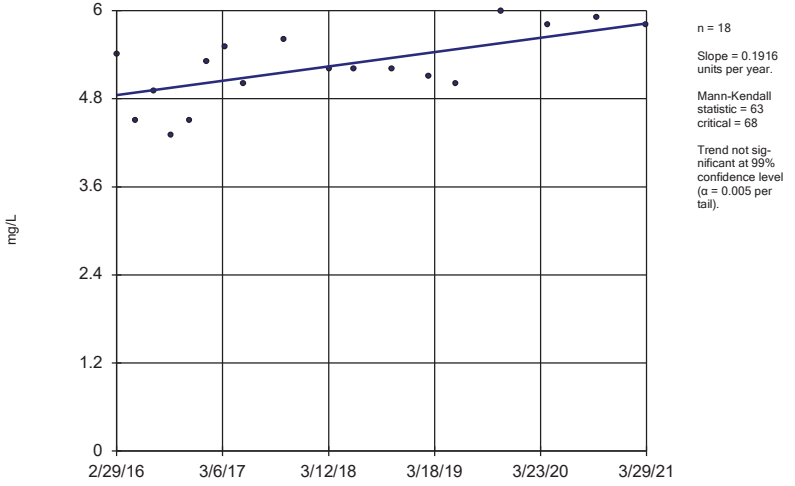
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

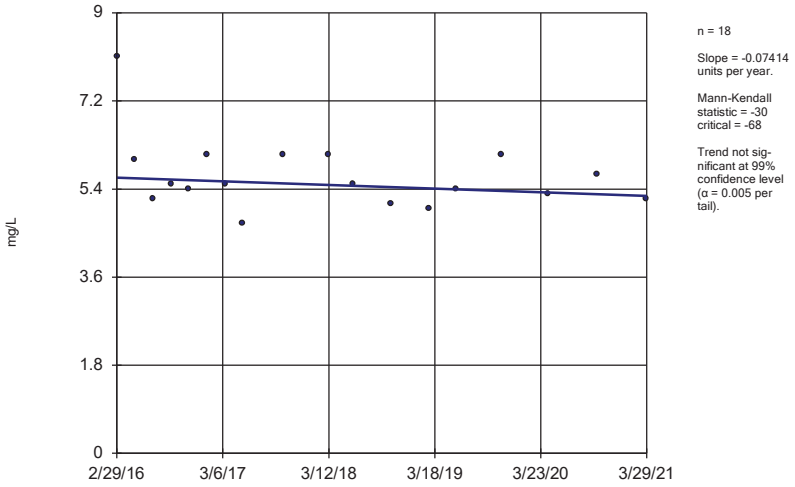
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

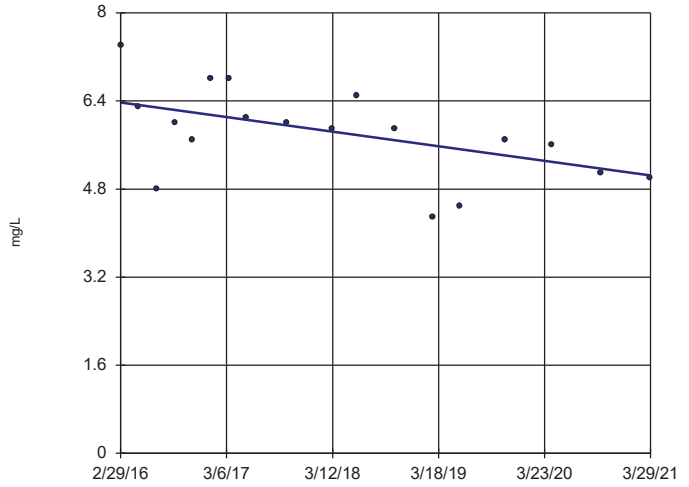
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

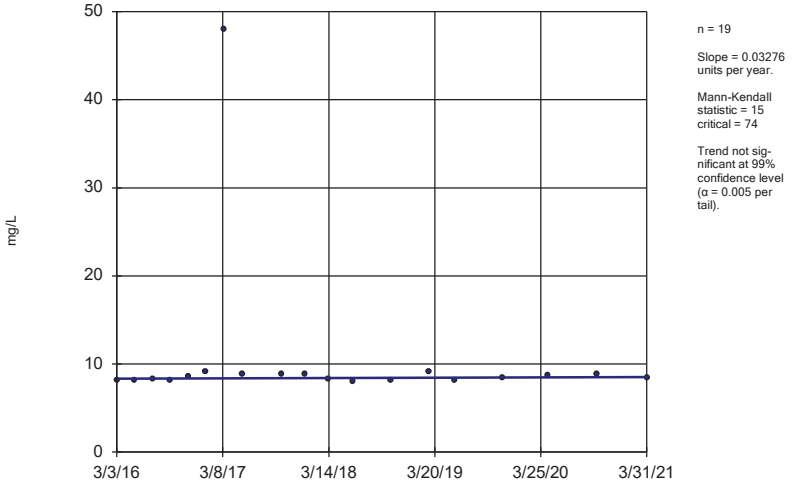
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

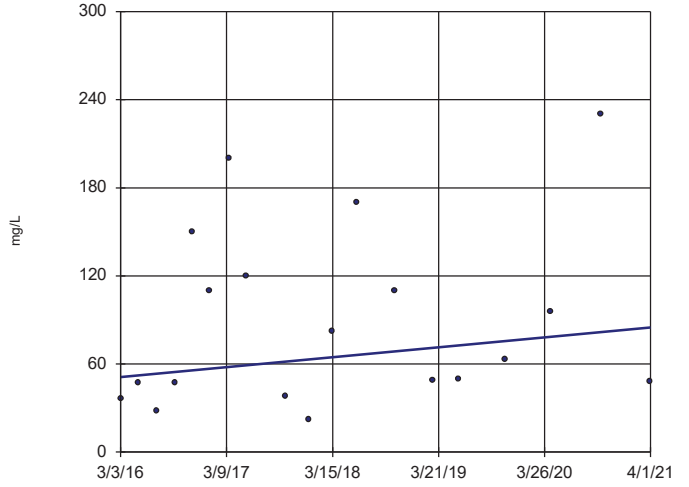
Constituent: Chloride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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

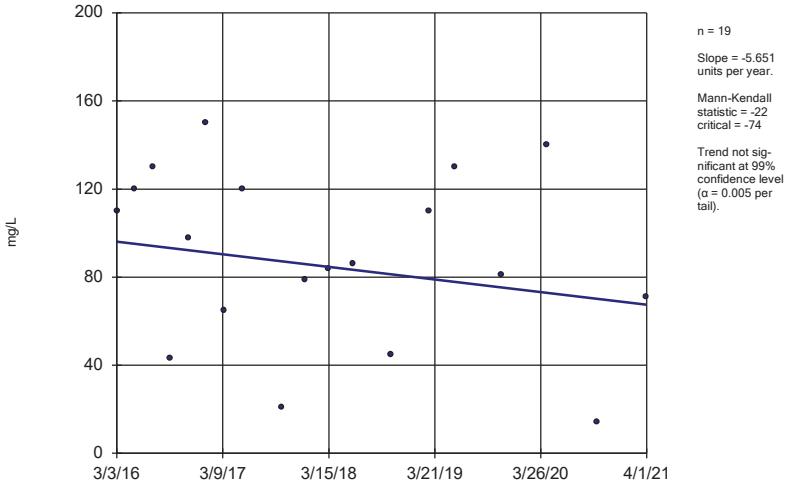
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

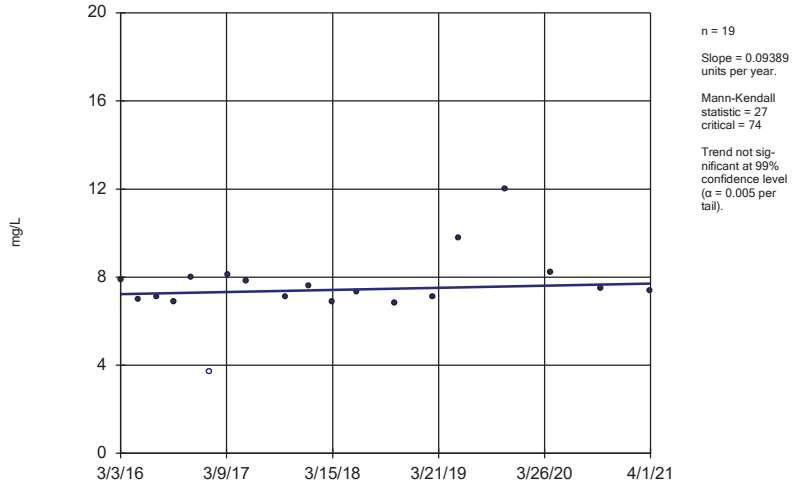
Trend not significant at 99% confidence level (α = 0.005 per tail).

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.

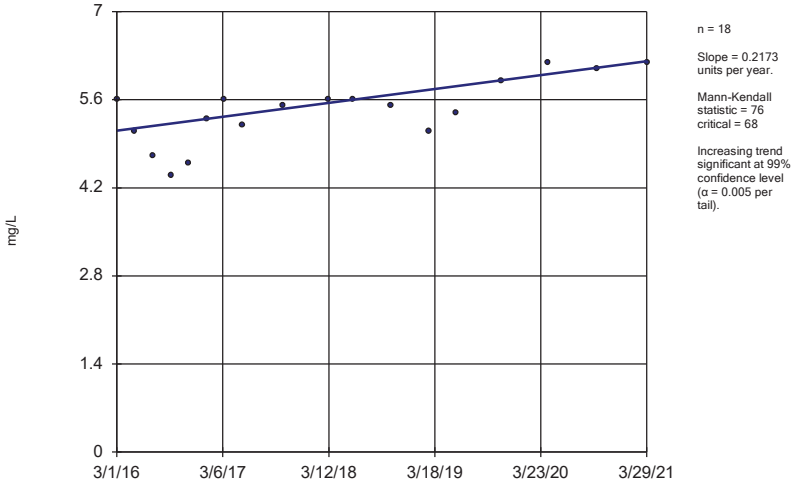
Mann-Kendall statistic = 27
critical = 74

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.

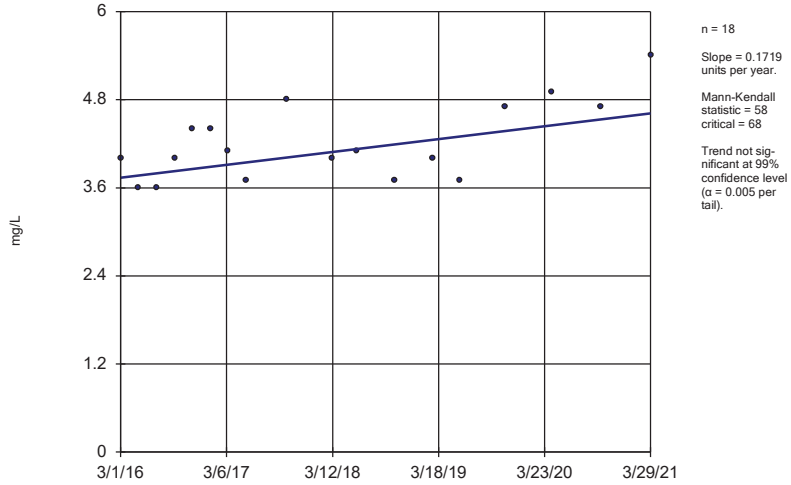
Mann-Kendall statistic = 76
critical = 68

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

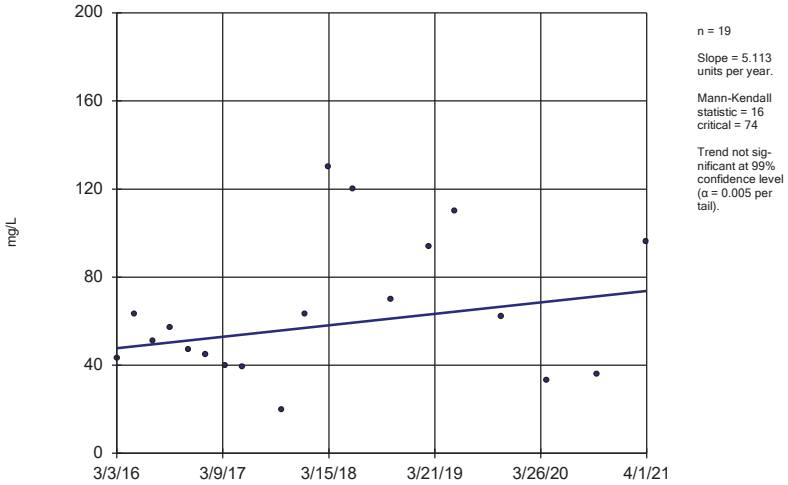
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

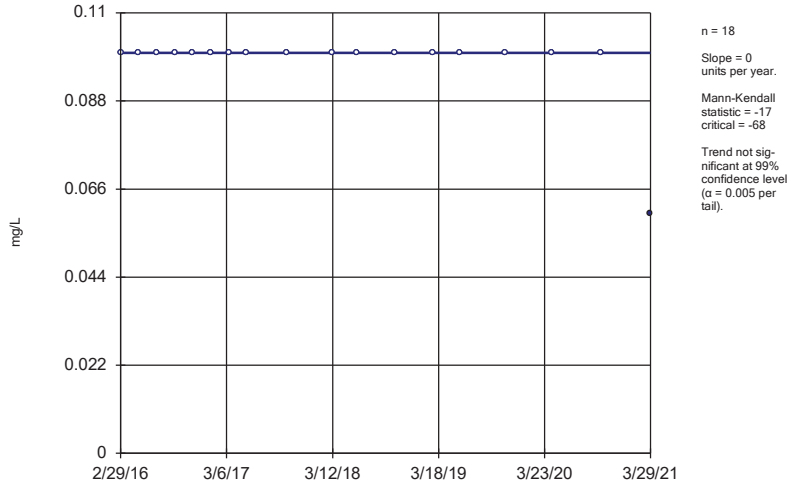
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

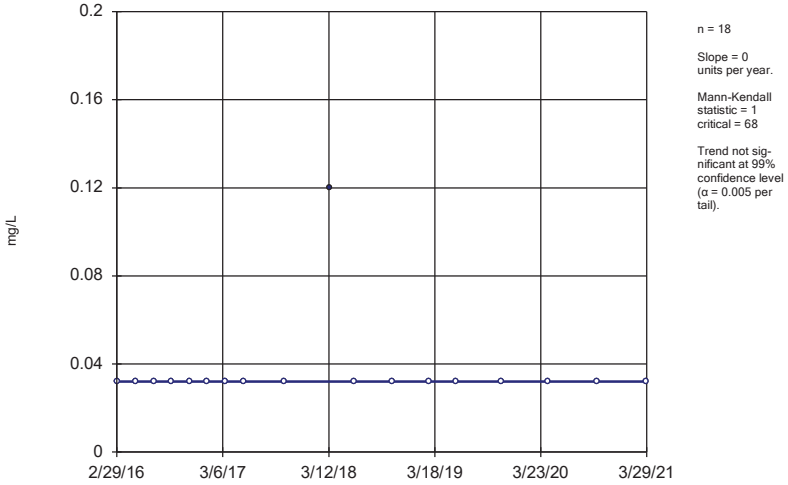
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

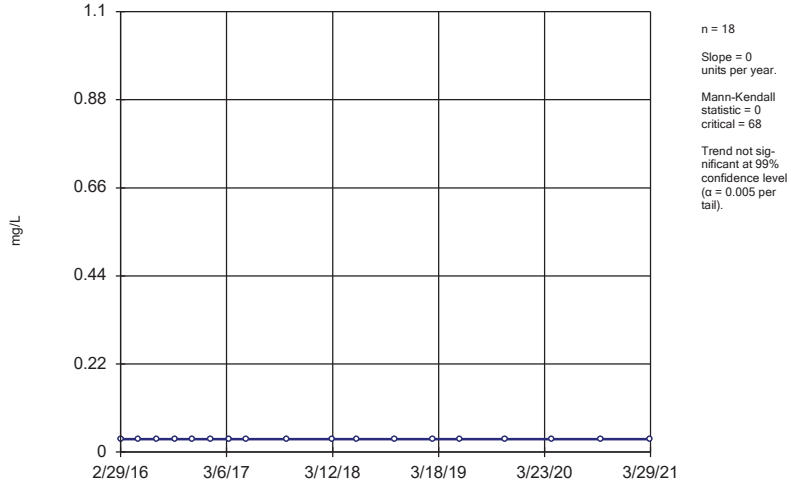
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

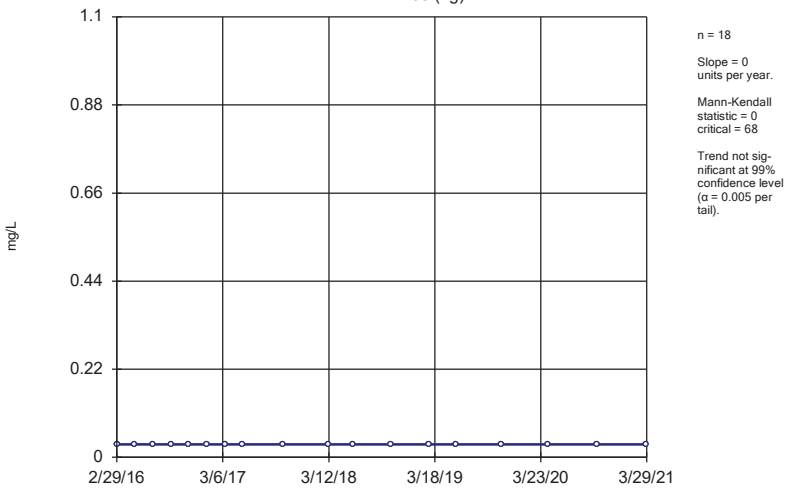
Constituent: Fluoride Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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

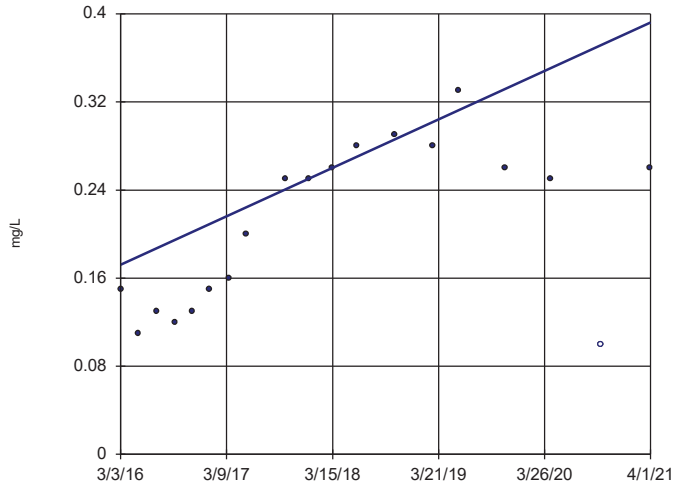
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

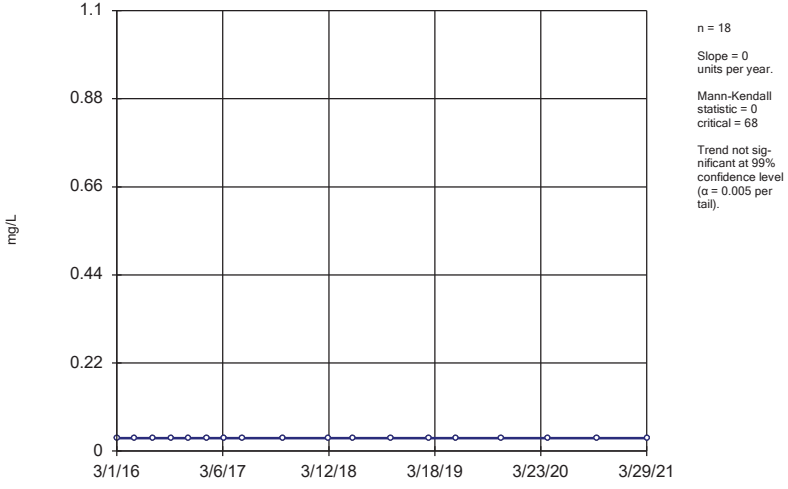
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

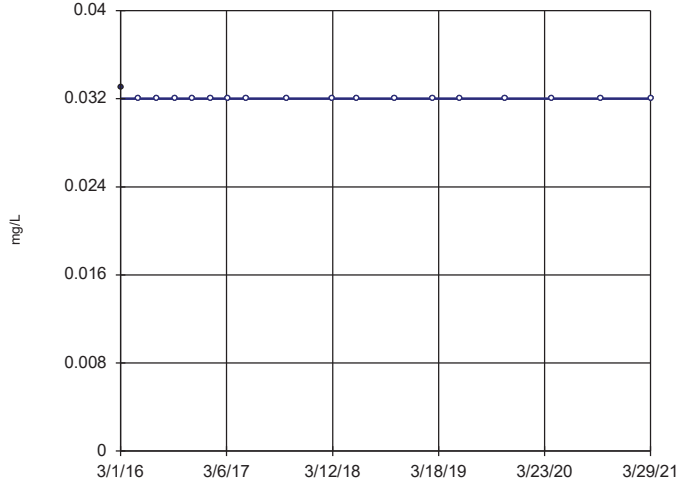
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

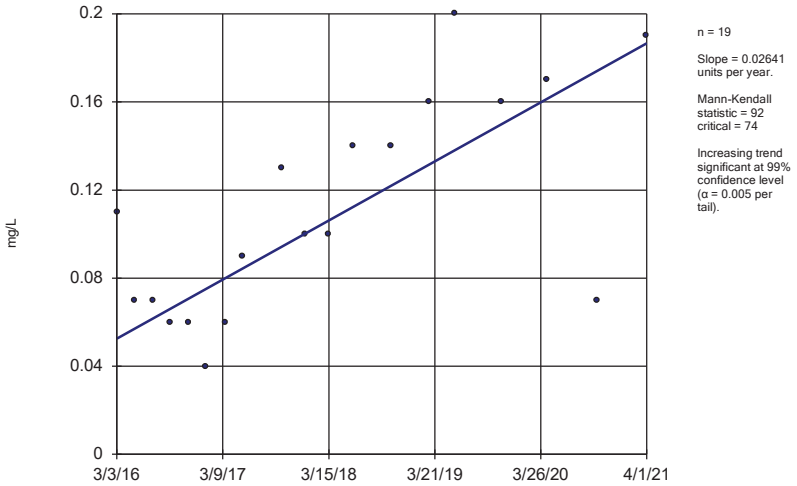
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

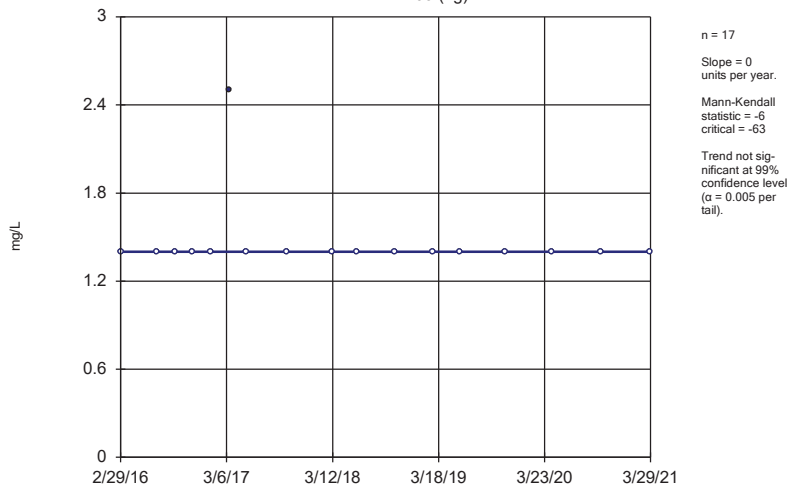
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

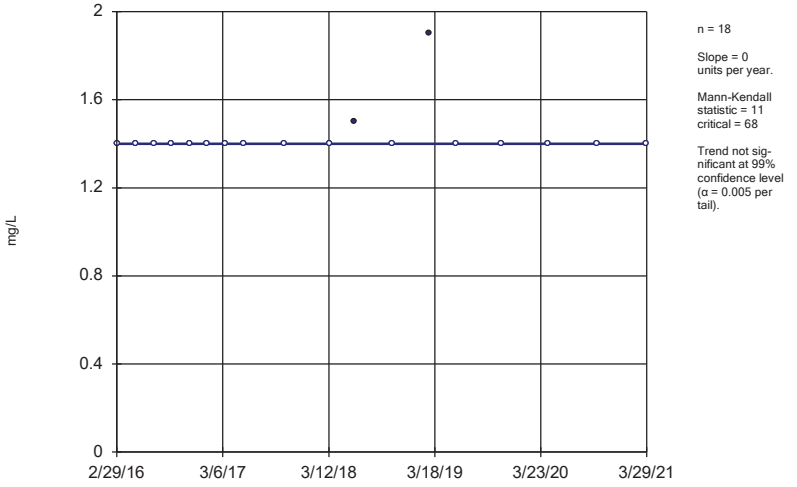
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

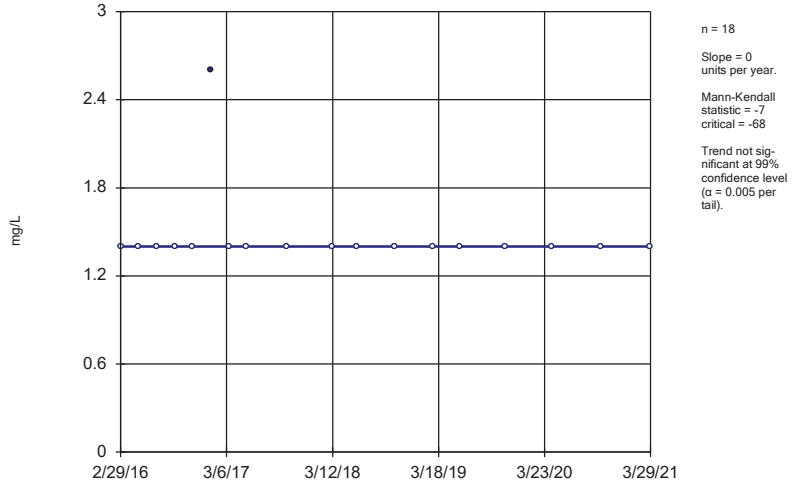
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

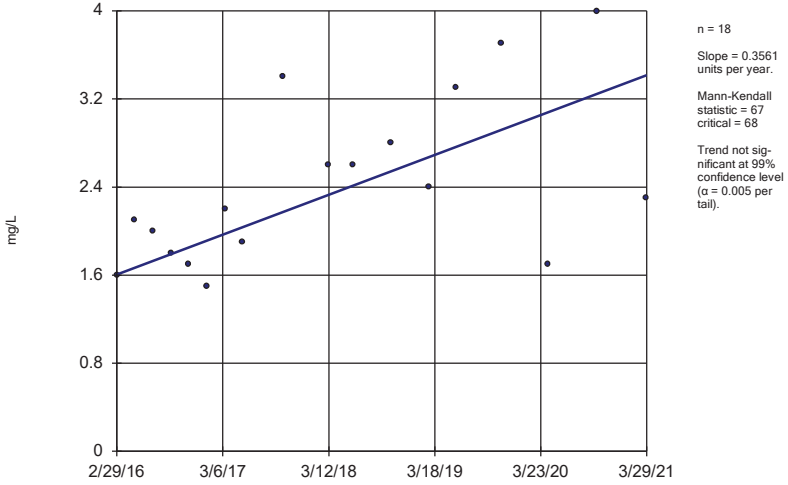
Constituent: Sulfate Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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

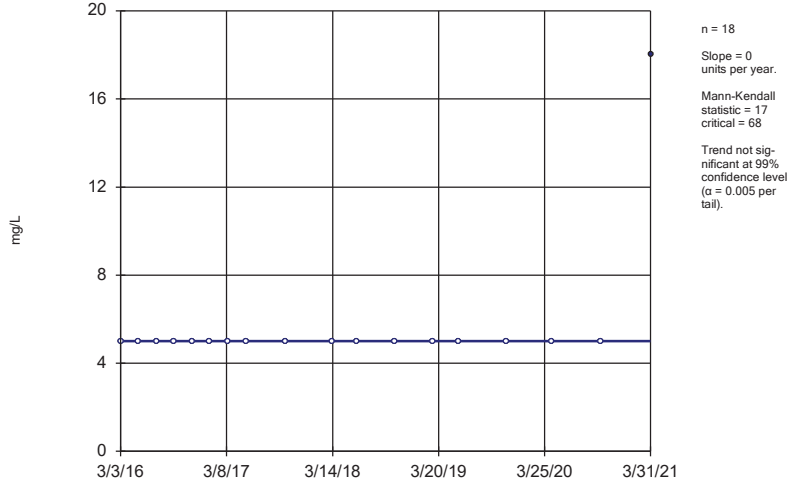
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

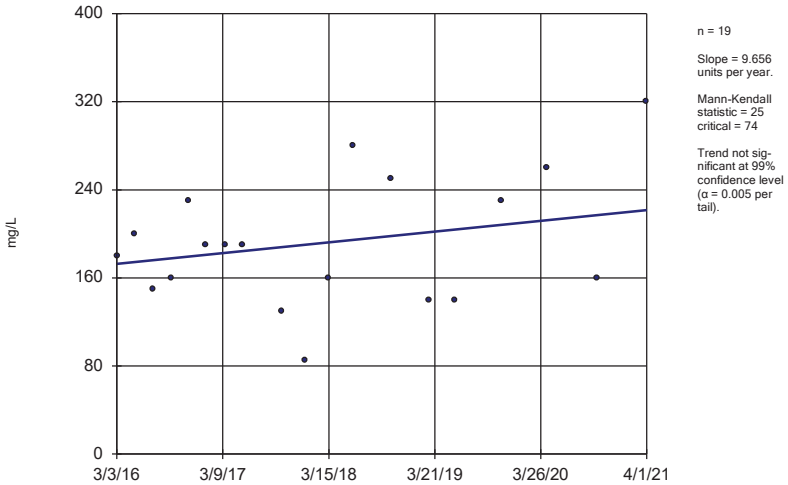
Constituent: Sulfate Analysis Run 6/17/2021 5:27 PM View: 300 Confidencee

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).

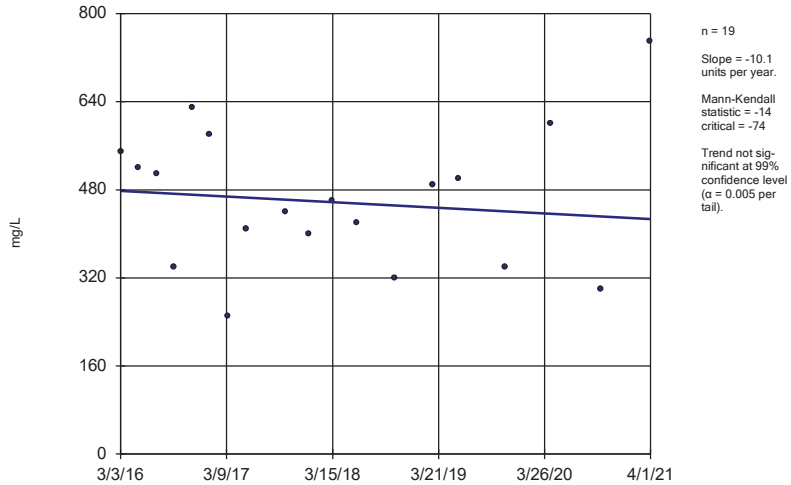
Constituent: Sulfate Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

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).

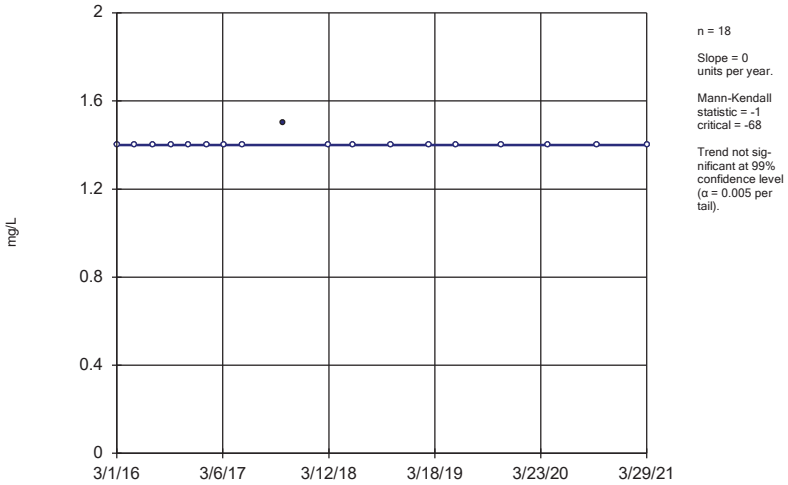
Constituent: Sulfate Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

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

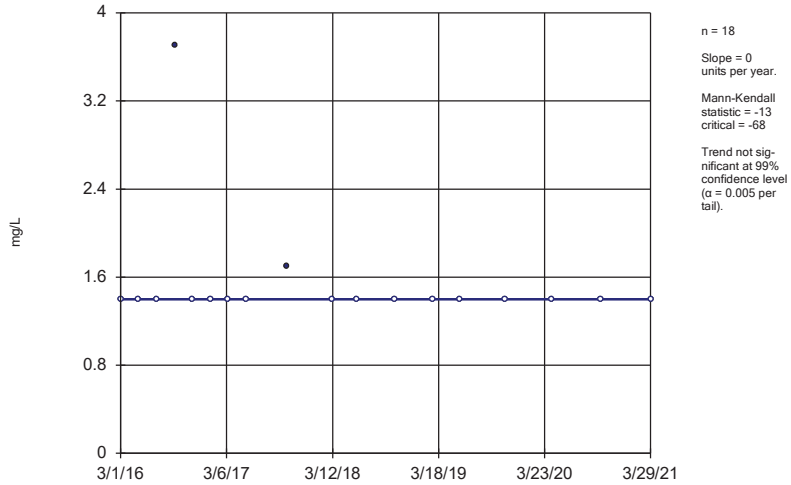
Trend not significant at 99% confidence level (α = 0.005 per tail).

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-307 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = -13
critical = -68

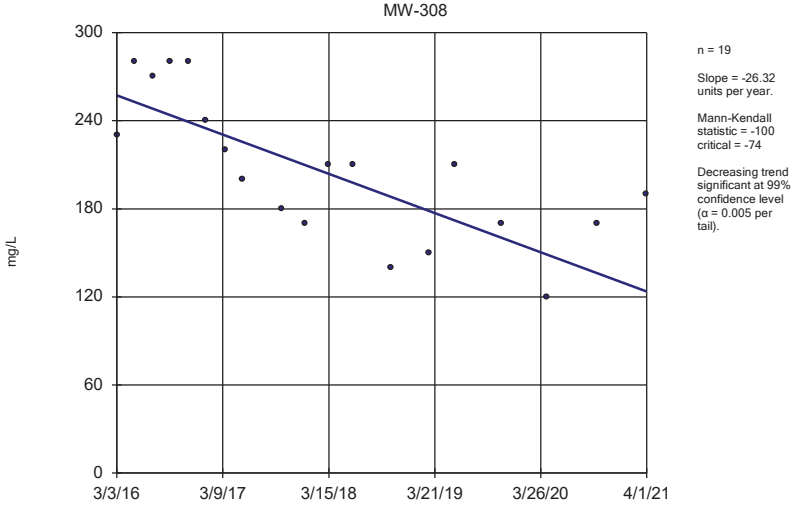
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 6/17/2021 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

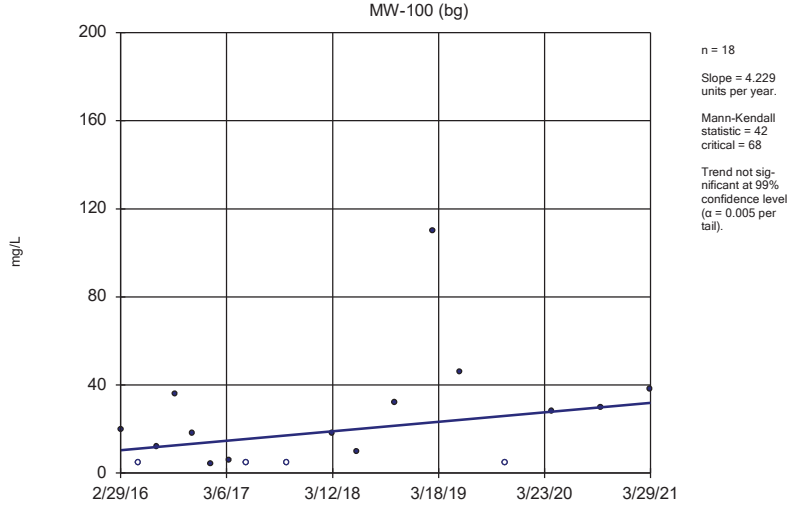
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

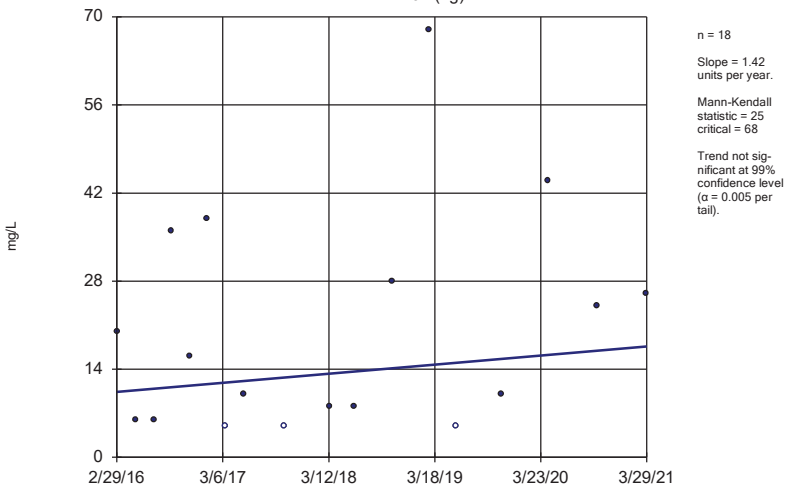
Trend not significant at 99% confidence level (α = 0.005 per tail).

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-101 (bg)



n = 18

Slope = 1.42 units per year.

Mann-Kendall statistic = 25
critical = 68

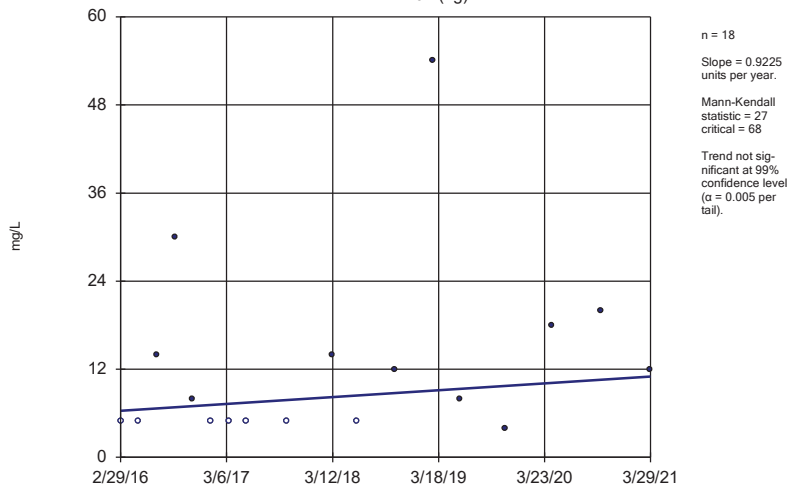
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

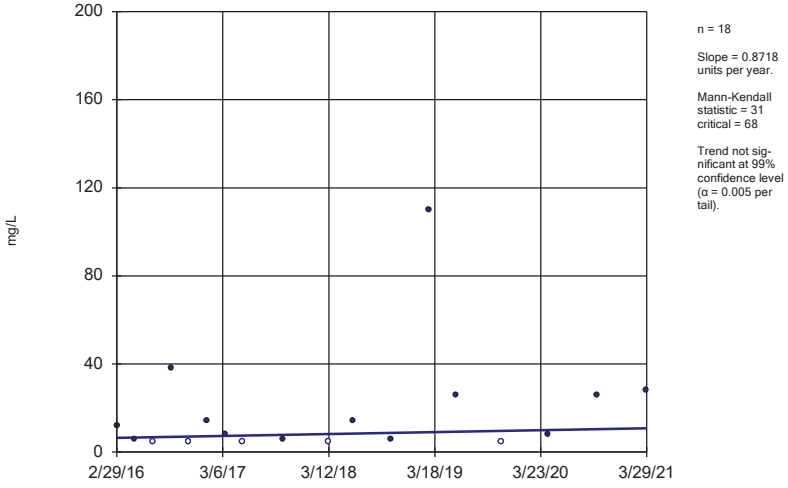
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

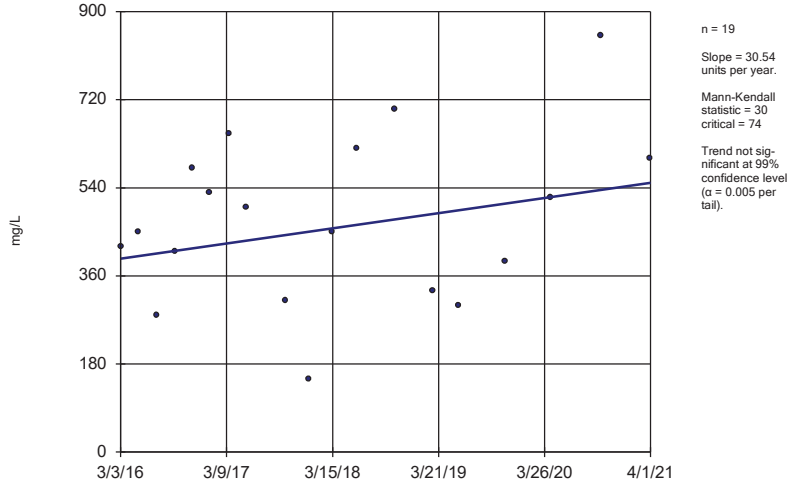
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

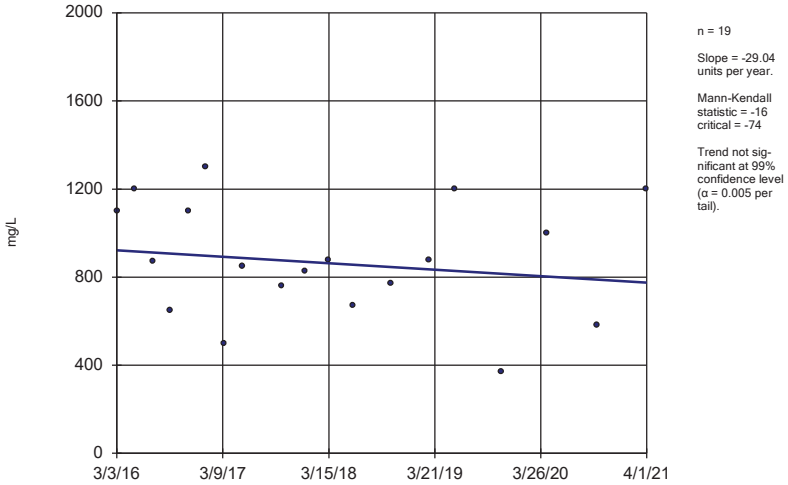
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

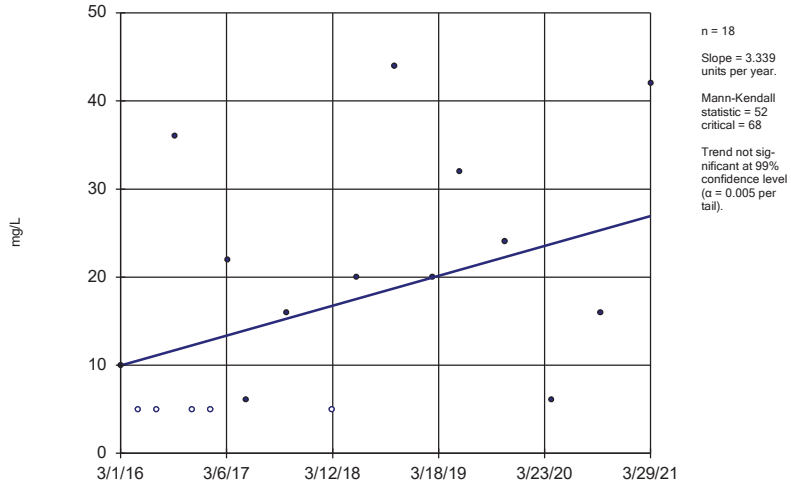
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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

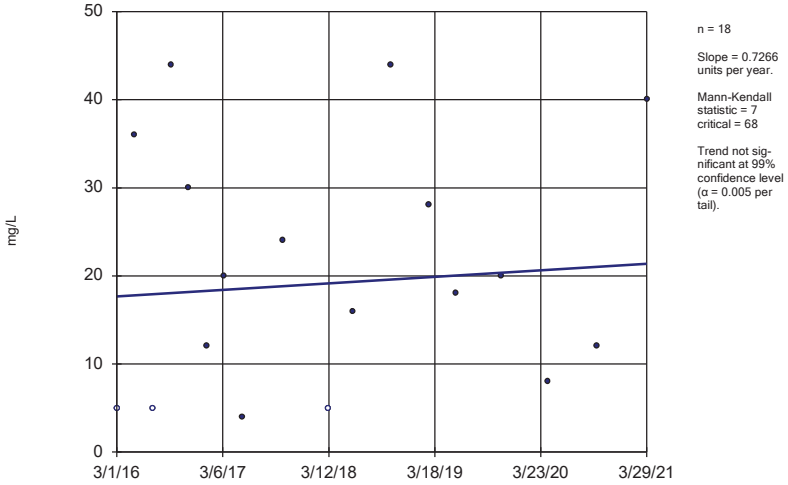
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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).

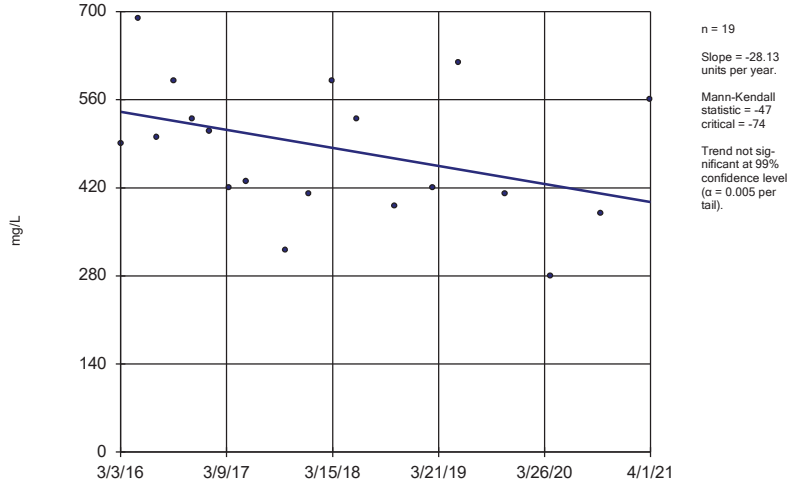
Constituent: Total Dissolved Solids Analysis Run 6/17/2021 5:28 PM View: 300 Confidencee

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

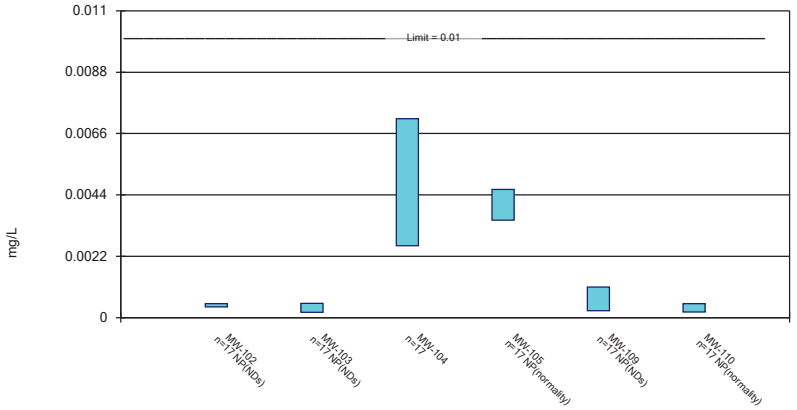
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR Printed 6/17/2021, 5:44 PM

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.

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.

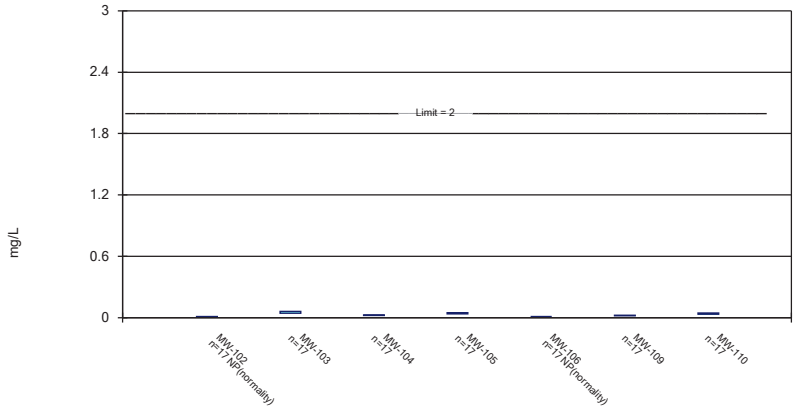


Constituent: Arsenic Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

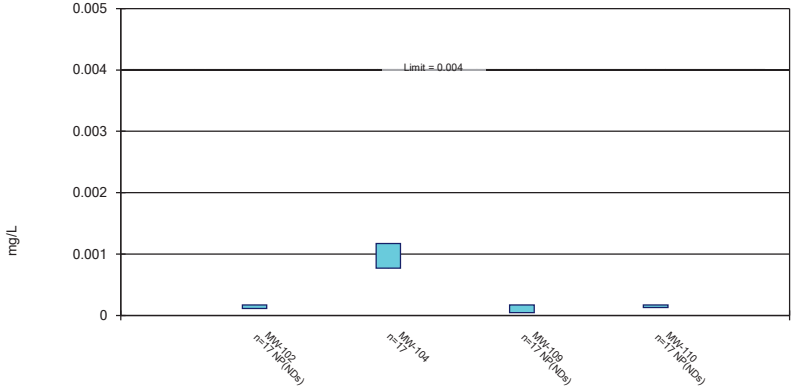


Constituent: Barium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

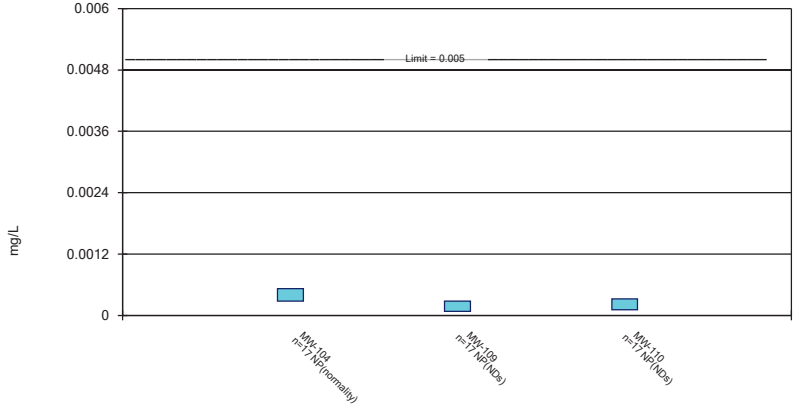


Constituent: Beryllium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

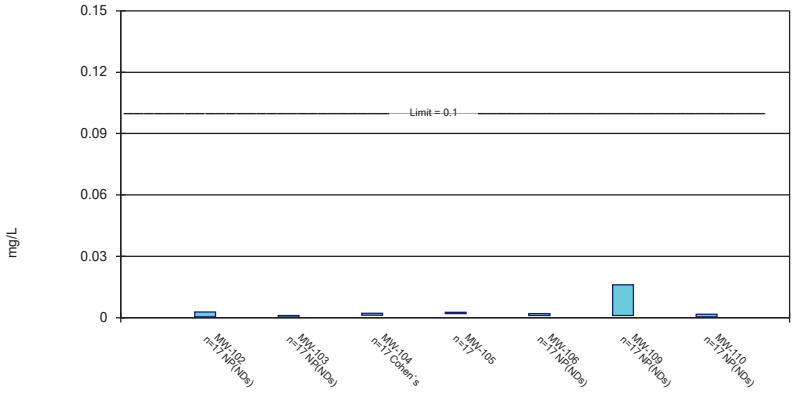


Constituent: Cadmium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.



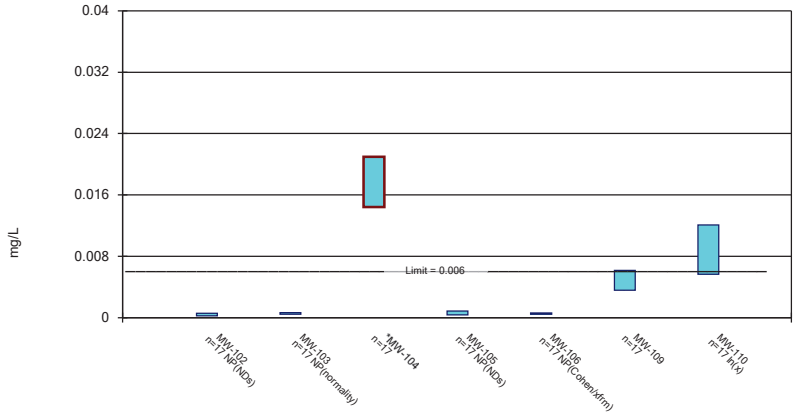
Constituent: Chromium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

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.



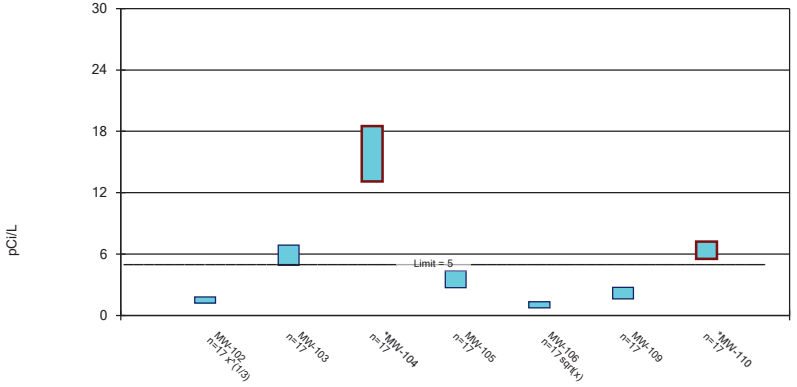
Constituent: Cobalt Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

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.



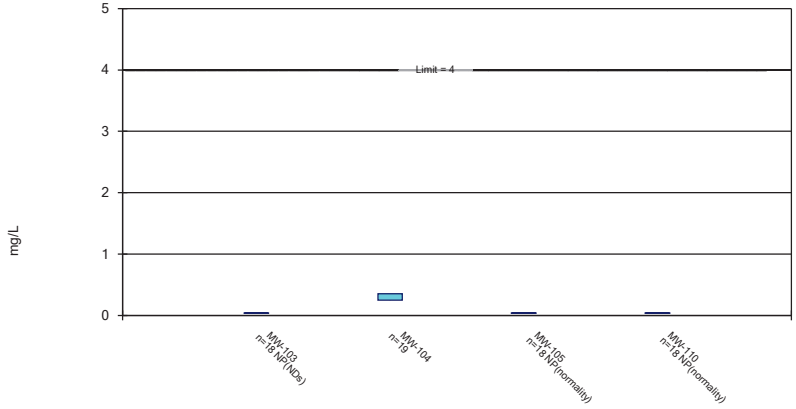
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence

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.



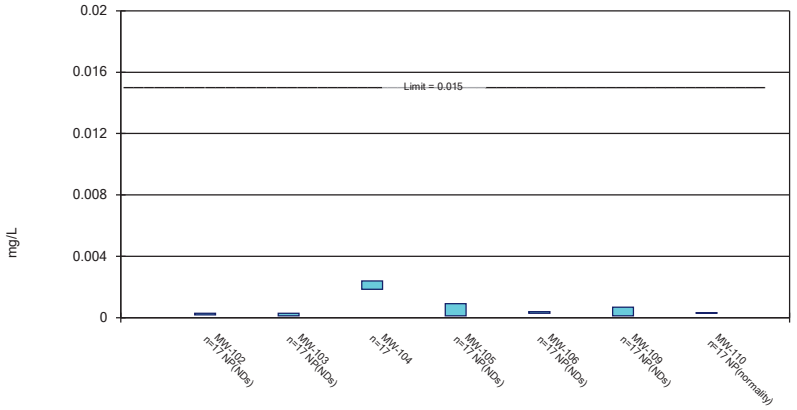
Constituent: Fluoride Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

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.



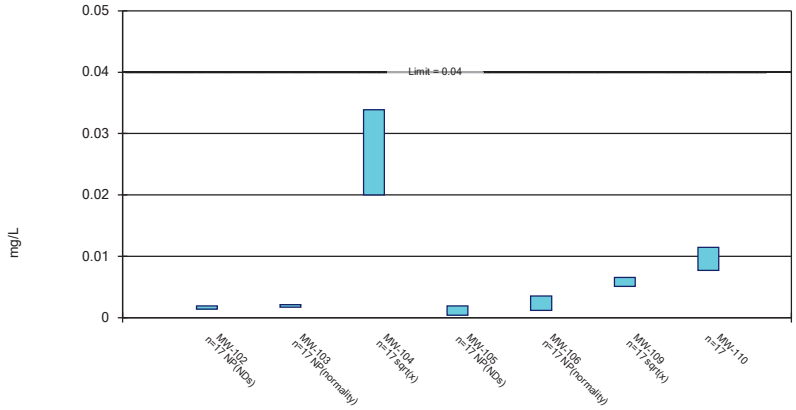
Constituent: Lead Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

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.



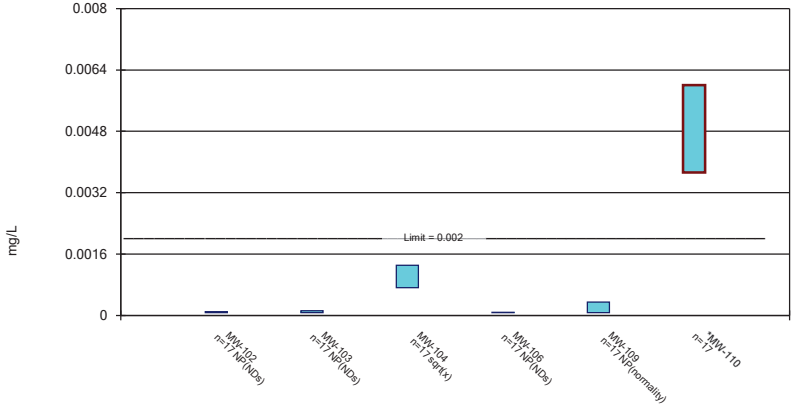
Constituent: Lithium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

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.



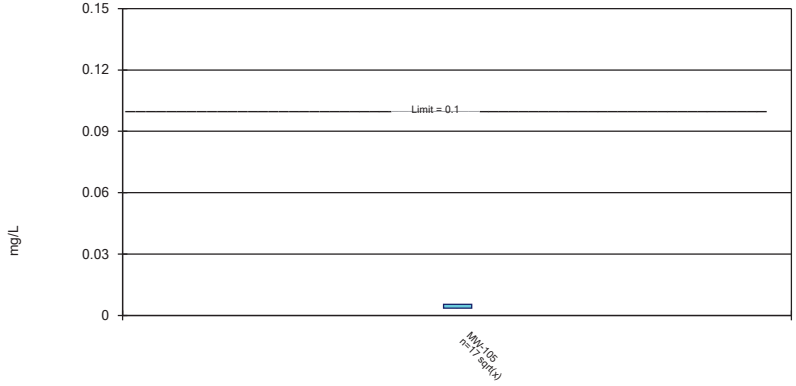
Constituent: Mercury Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

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.

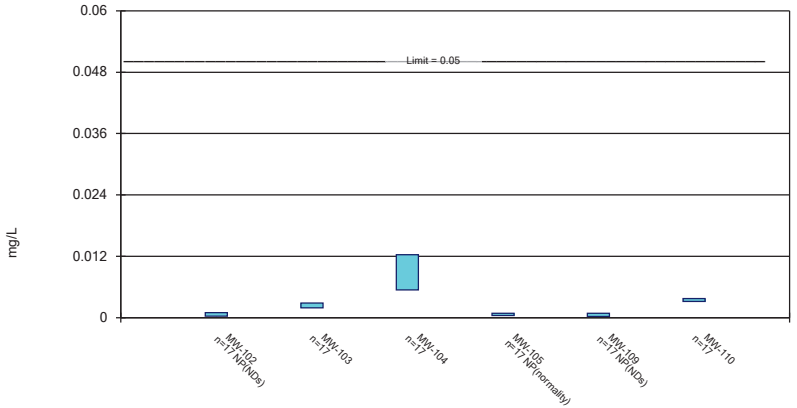


Constituent: Molybdenum Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals

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.

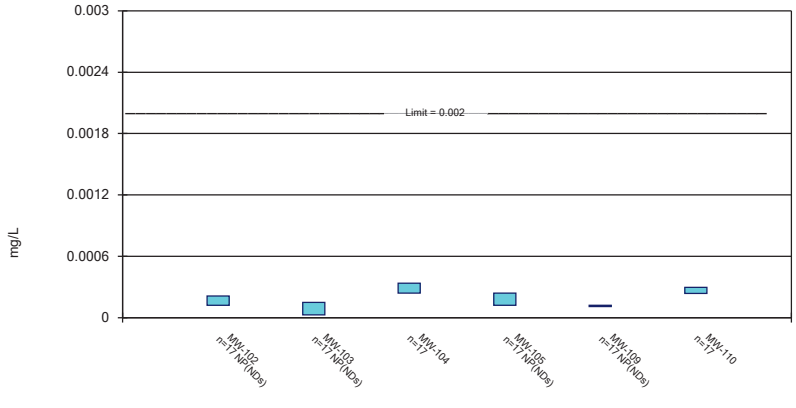


Constituent: Selenium Analysis Run 6/17/2021 5:43 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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)**

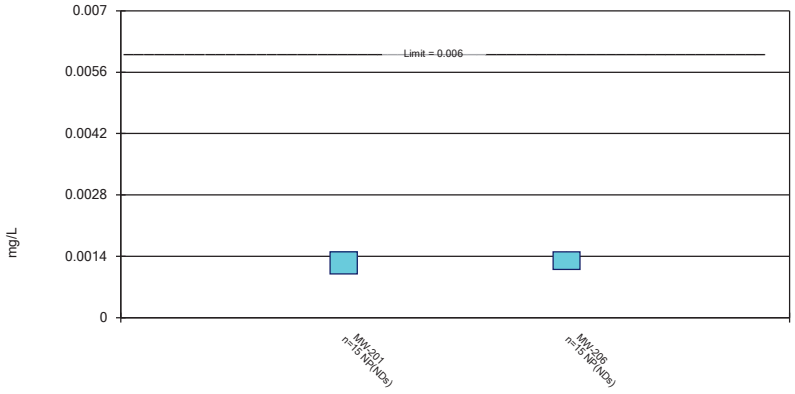
Confidence Interval Summary Table - 200 Series - All Results

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)

Non-Parametric Confidence Interval

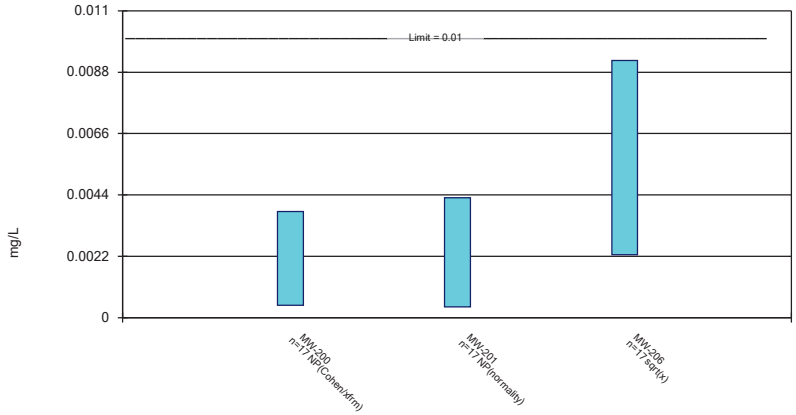
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

Parametric and Non-Parametric (NP) Confidence Interval

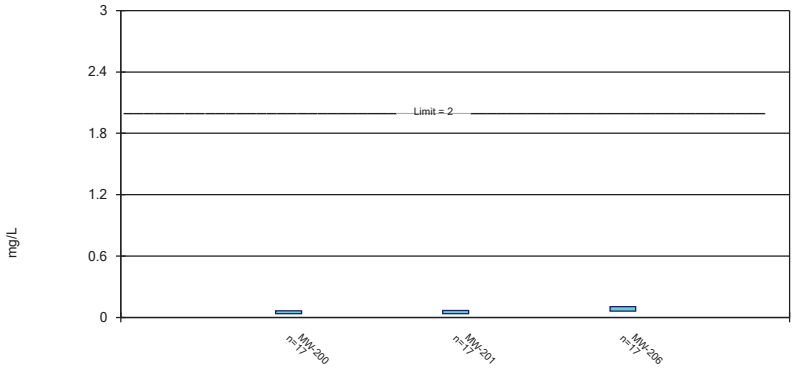
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

Parametric Confidence Interval

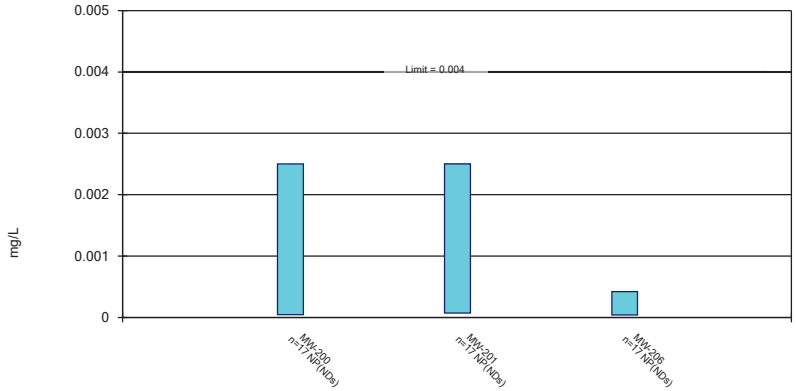
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

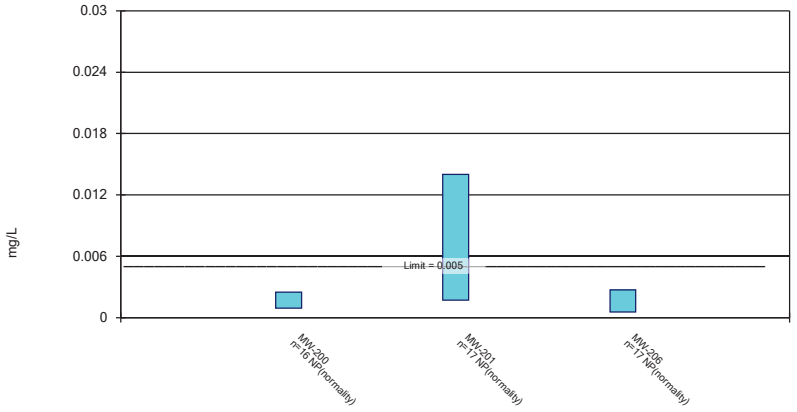


Constituent: Beryllium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

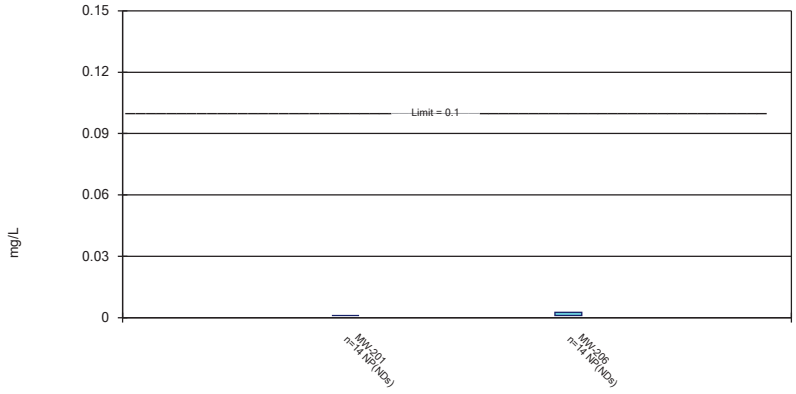


Constituent: Cadmium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

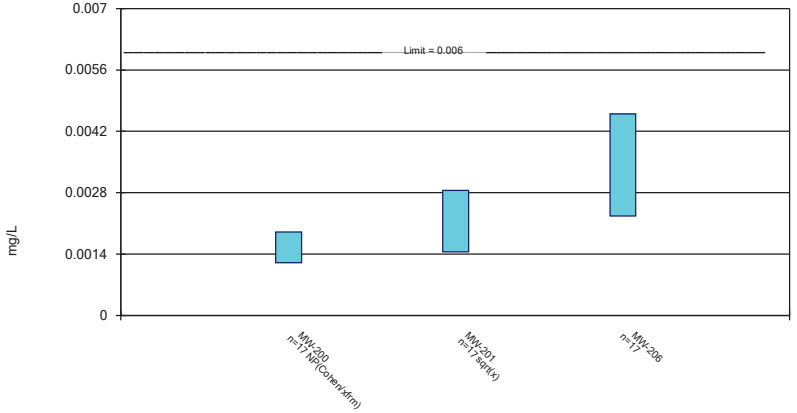


Constituent: Chromium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

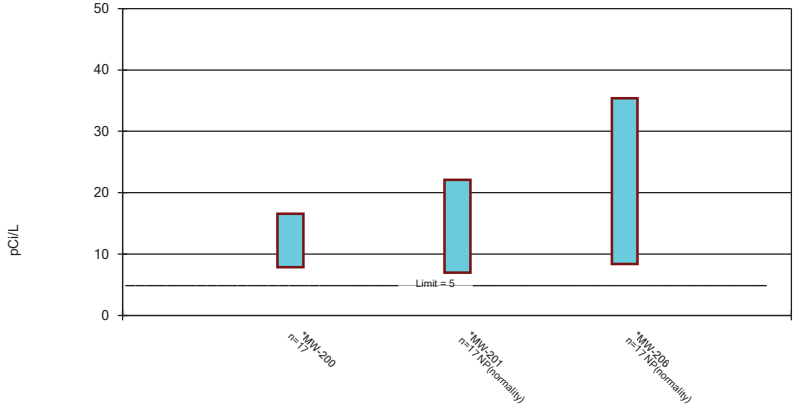


Constituent: Cobalt Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

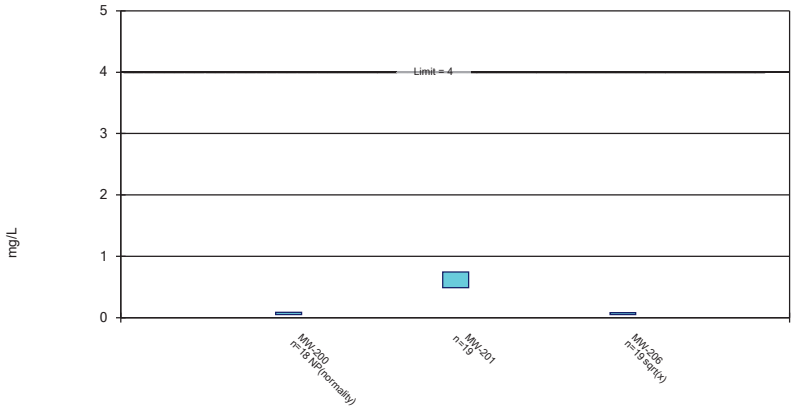


Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

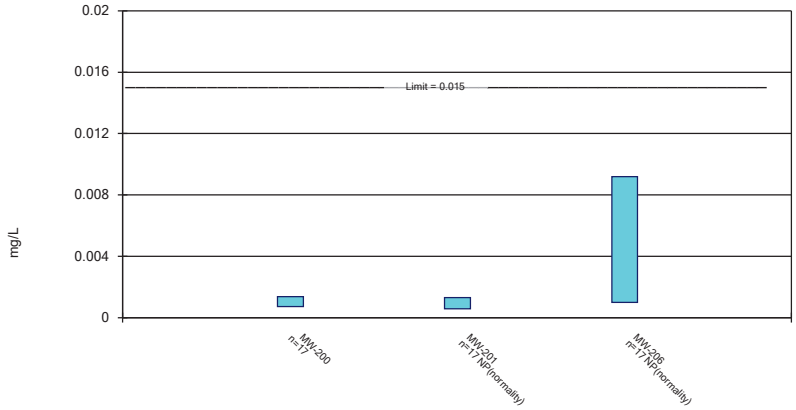


Constituent: Fluoride Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

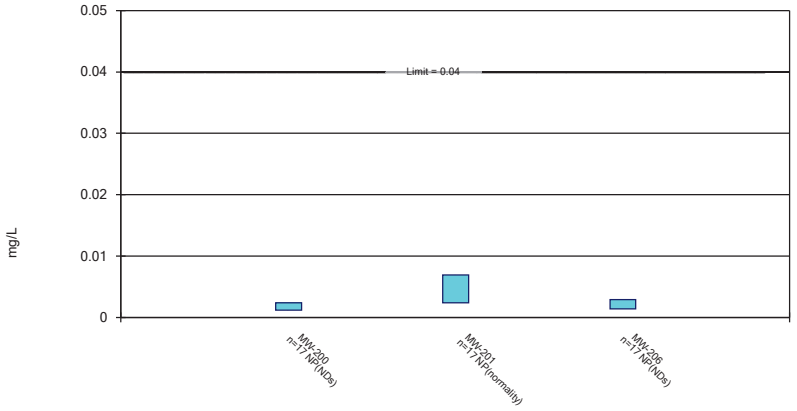


Constituent: Lead Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

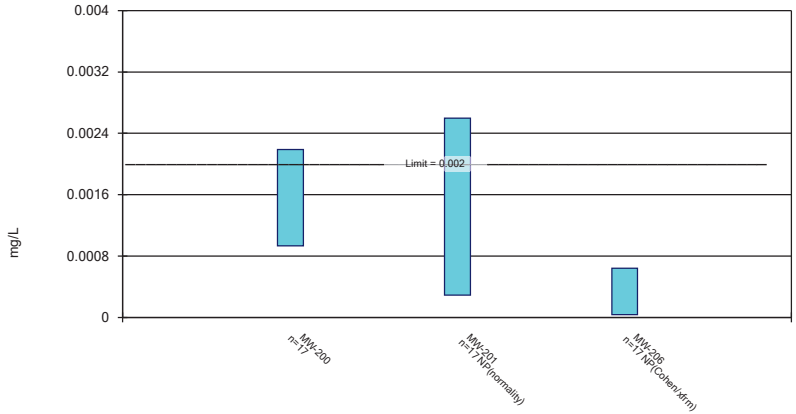


Constituent: Lithium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

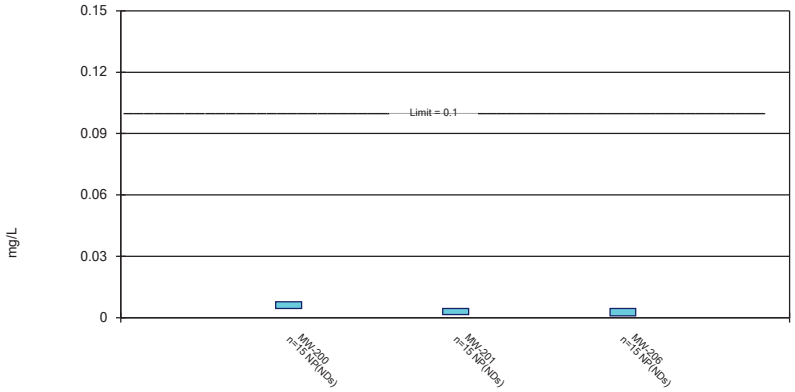


Constituent: Mercury Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

Sanitas™ v.9.6.28 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

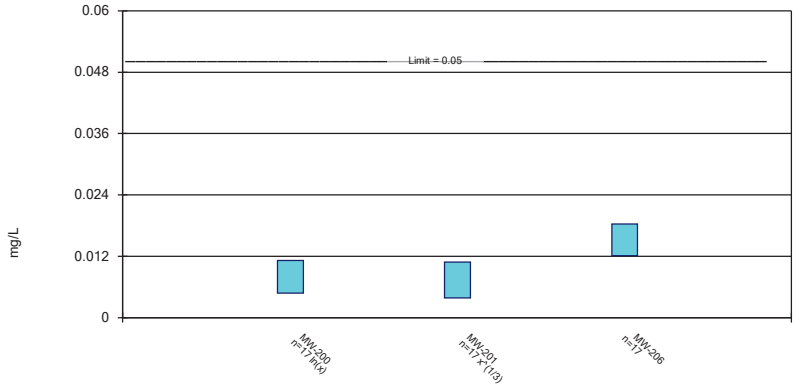


Constituent: Molybdenum Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.

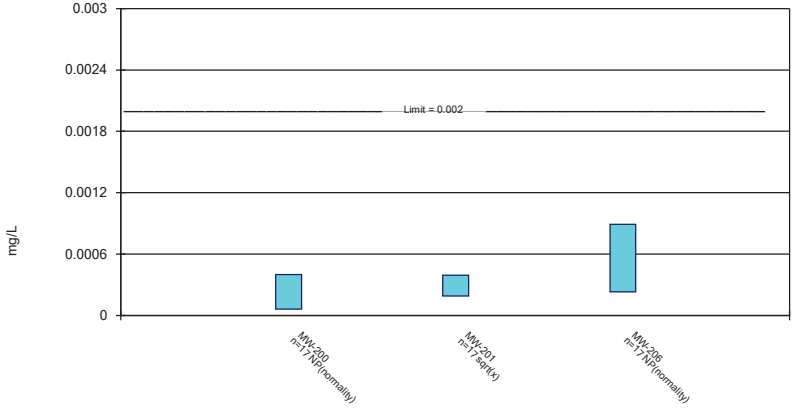


Constituent: Selenium Analysis Run 6/17/2021 5:45 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

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.**

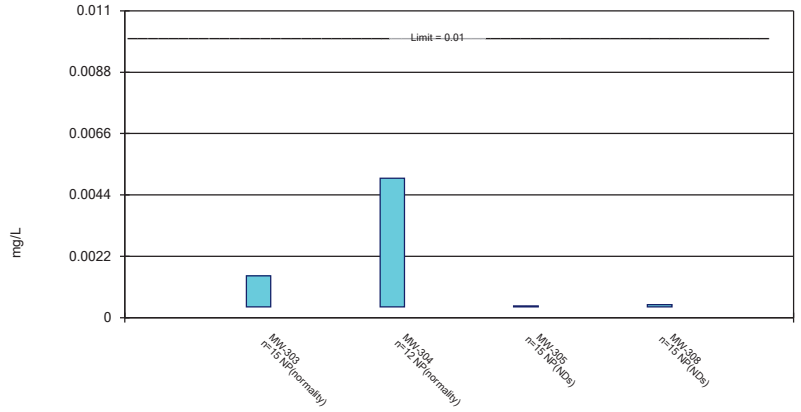
Confidence Interval Summary Table - 300 Series - All Results

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

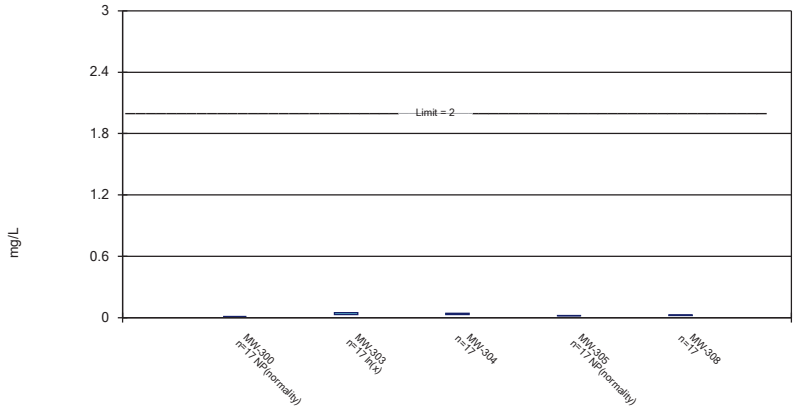
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

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

Non-Parametric Confidence Interval

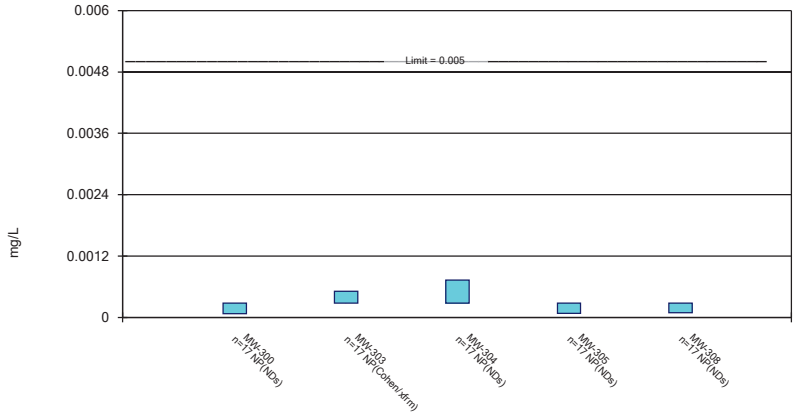
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

Non-Parametric Confidence Interval

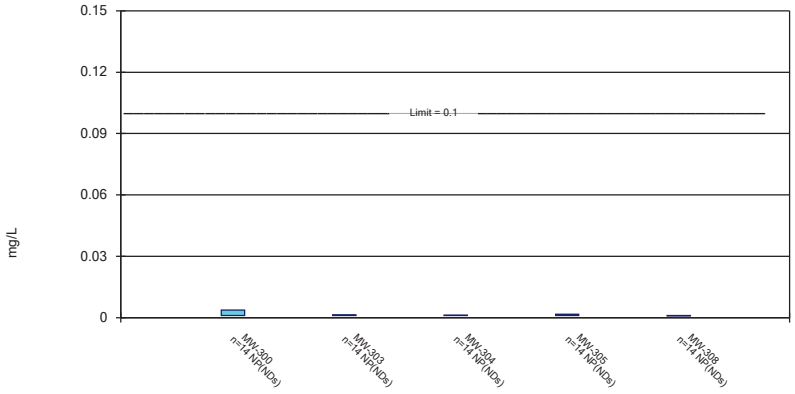
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

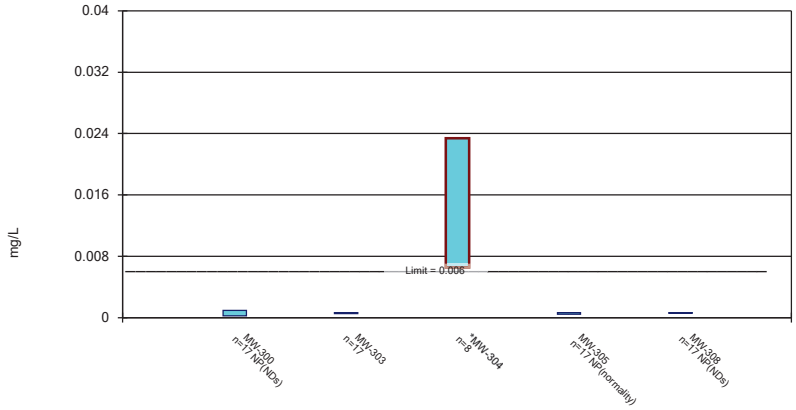
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

Parametric and Non-Parametric (NP) Confidence Interval

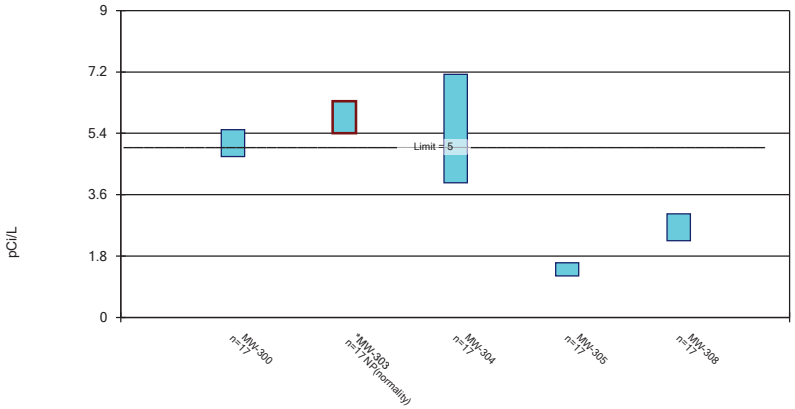
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

Parametric and Non-Parametric (NP) Confidence Interval

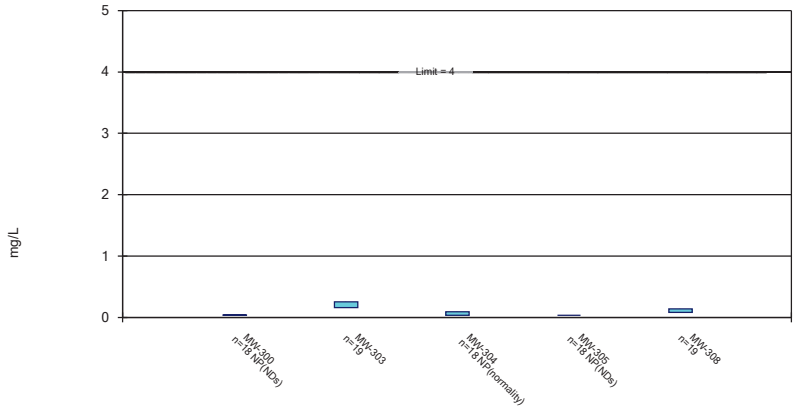
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

Parametric and Non-Parametric (NP) Confidence Interval

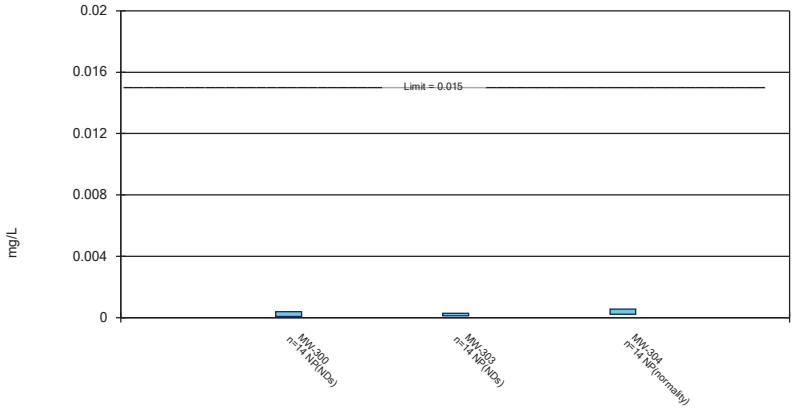
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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.

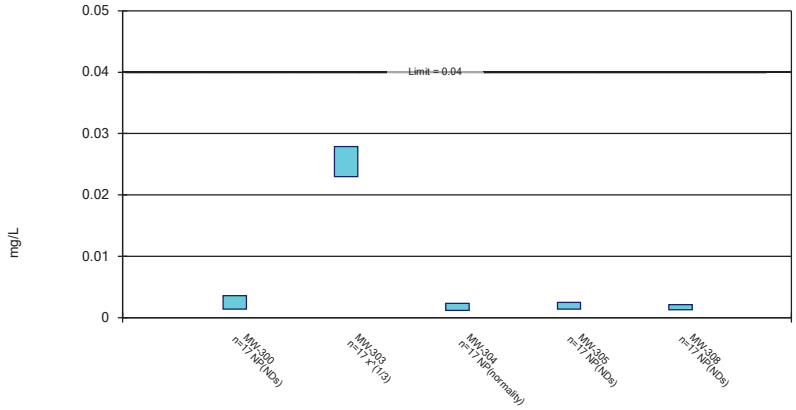


Constituent: Lead Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

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.

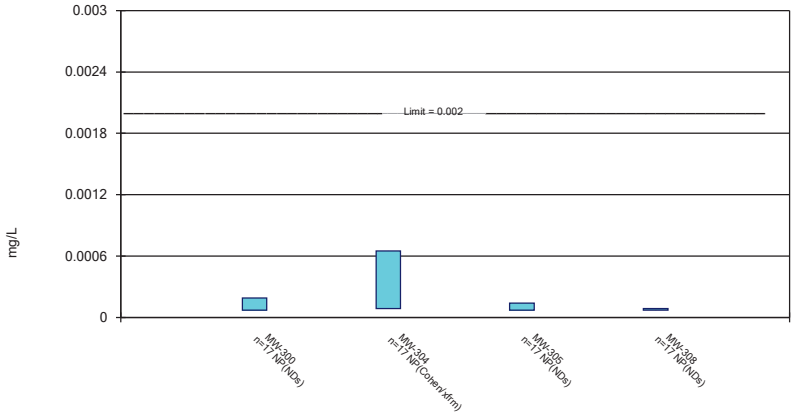


Constituent: Lithium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

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.

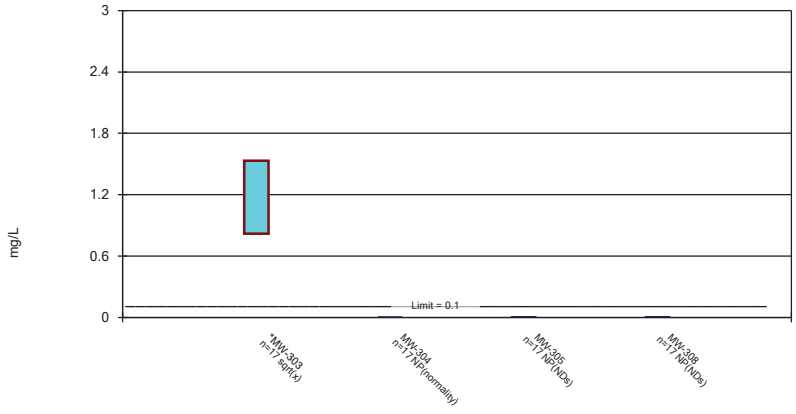


Constituent: Mercury Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

Sanitas™ v.9.6.28 Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

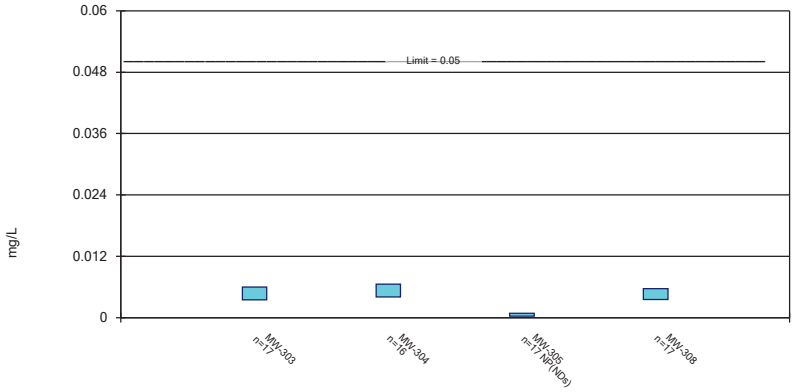
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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.

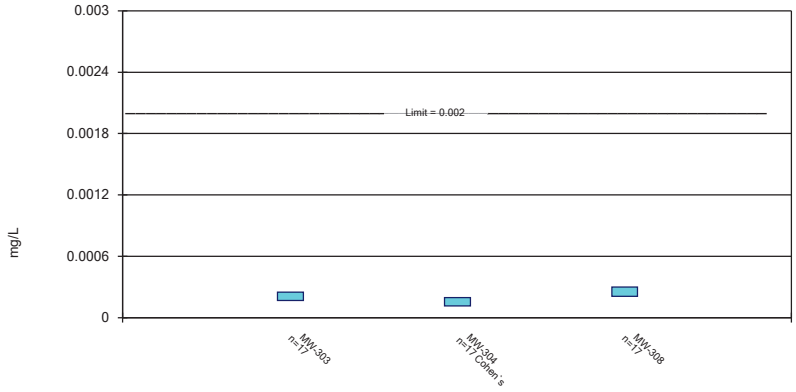


Constituent: Selenium Analysis Run 6/18/2021 10:48 AM View: Confidence Intervals 300 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Center

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

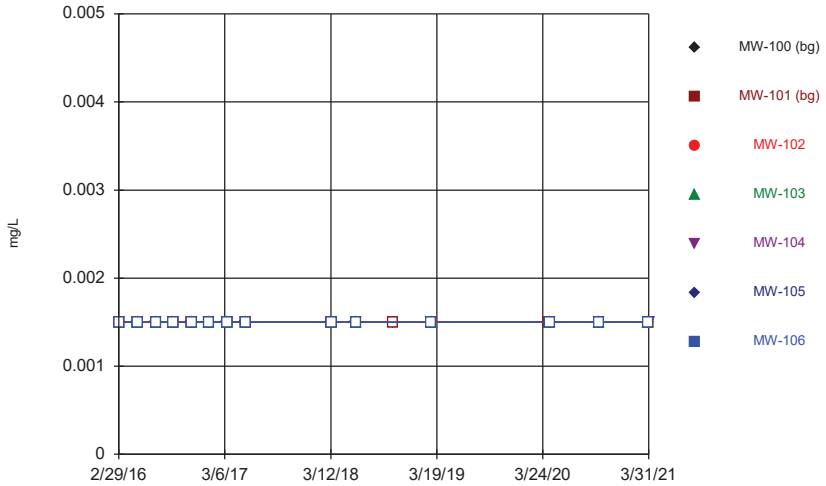
	MW-303	MW-304	MW-308
3/3/2016	0.00023 (J)	0.00015 (J)	0.00023 (J)
5/4/2016	0.00021 (J)	0.00021 (J)	0.00026 (J)
7/6/2016	0.00016 (J)	0.00022 (J)	0.00032 (J)
9/7/2016		0.0001 (J)	0.00036 (J)
9/8/2016	0.00015 (J)		
11/8/2016	0.00017 (J)	0.00014 (J)	0.00032 (J)
1/10/2017	0.00018 (J)	0.00018 (J)	0.00033 (J)
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.

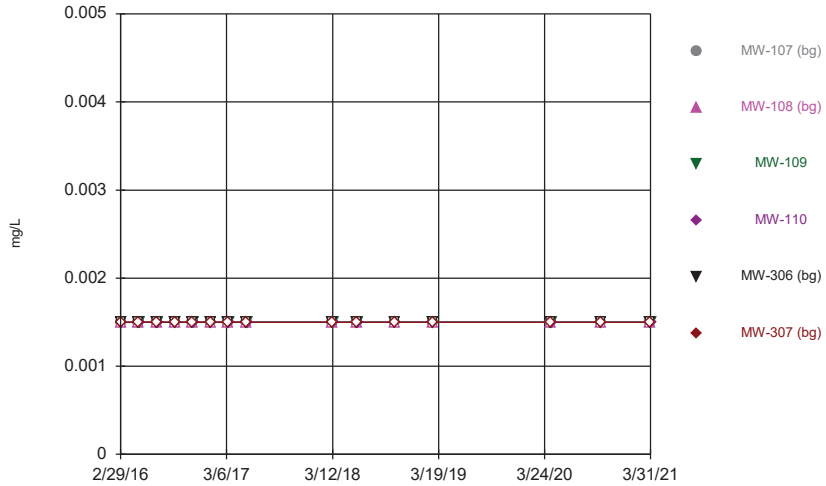
Time Series



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.

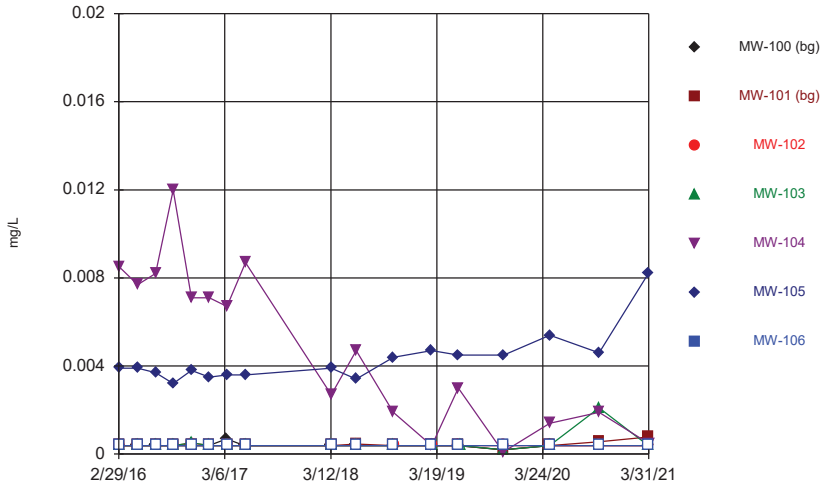
Time Series



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.

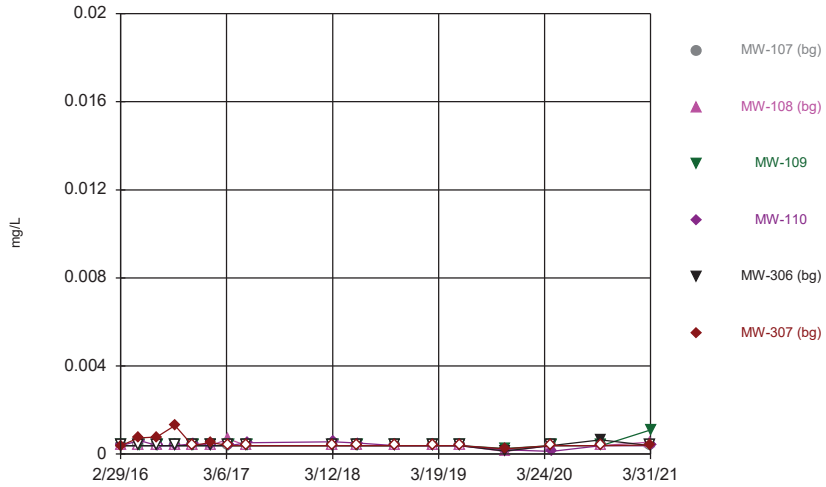
Time Series



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.

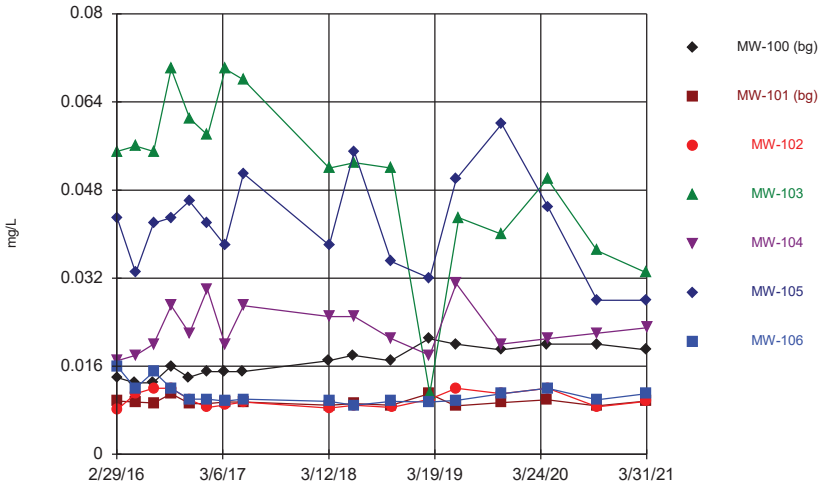
Time Series



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

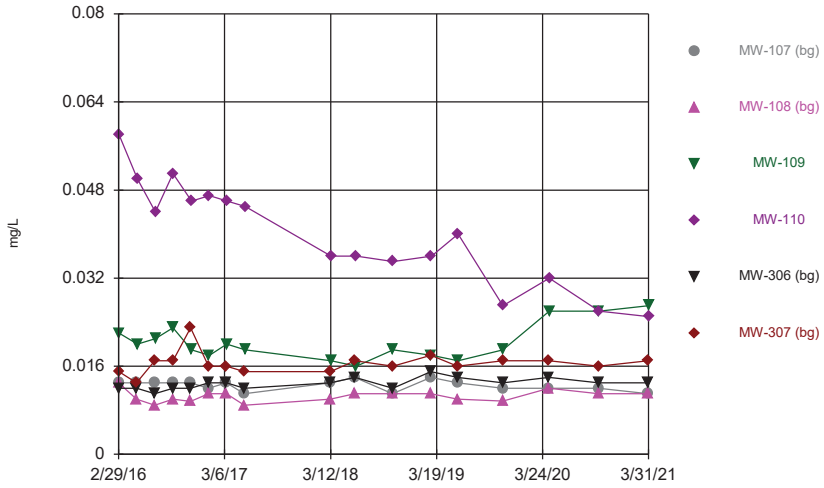
Time Series



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

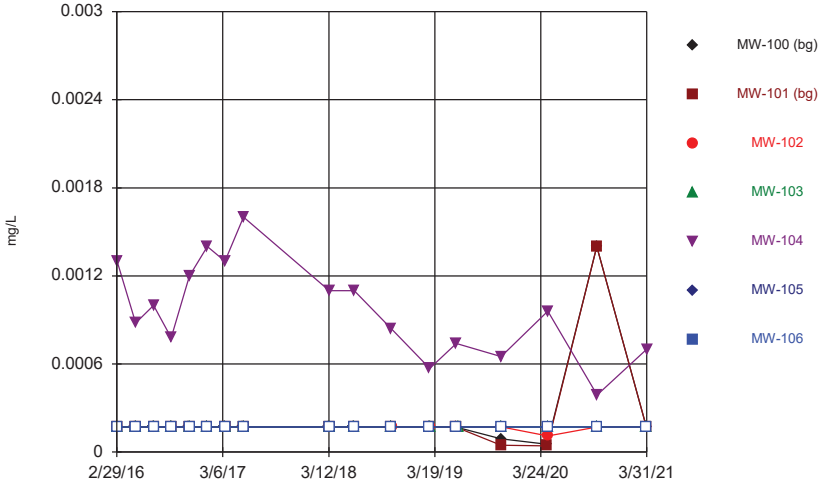
Time Series



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.

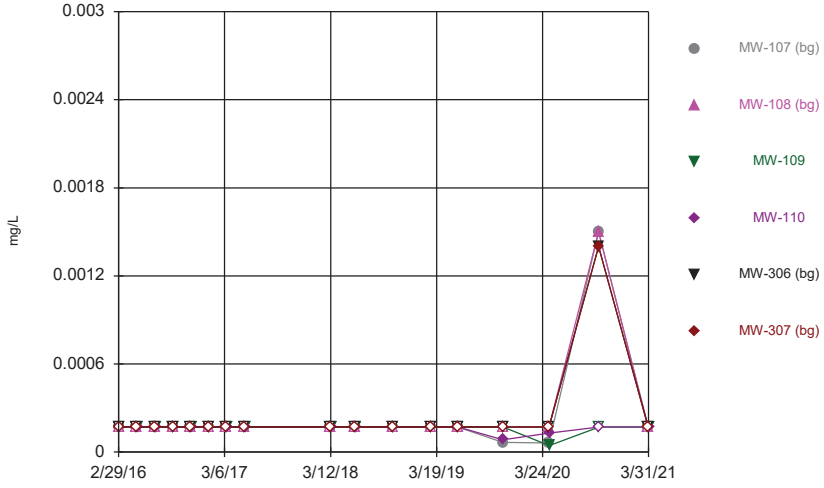
Time Series



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.

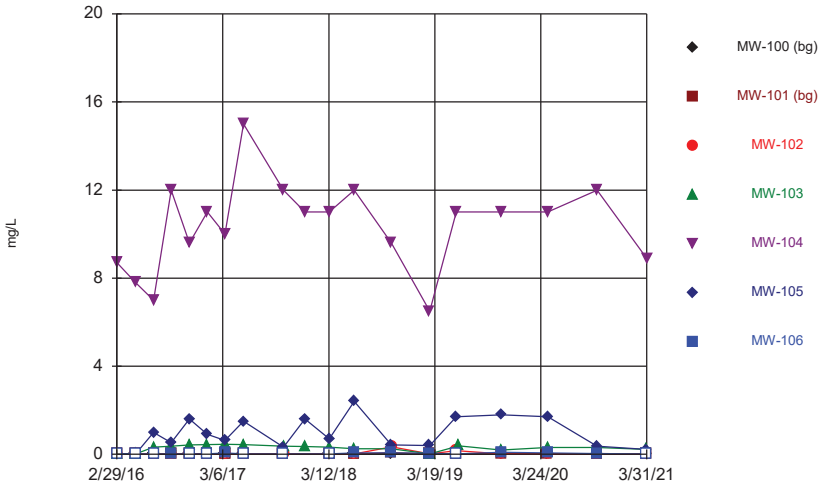
Time Series



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.

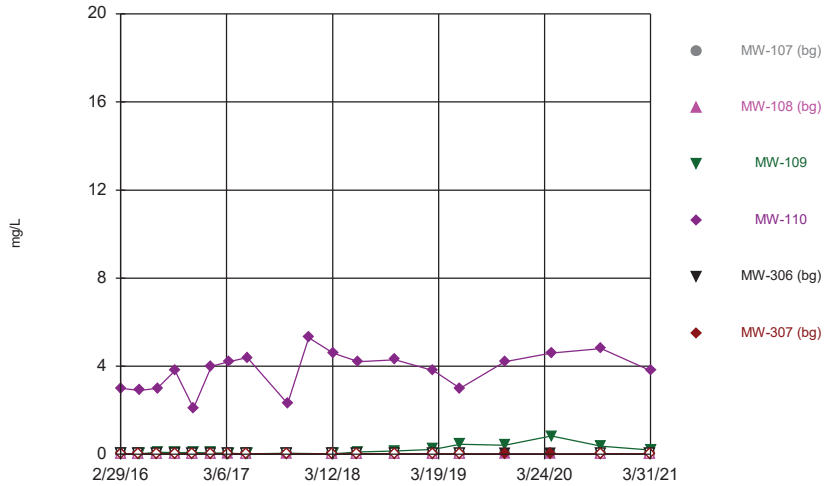
Time Series



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.

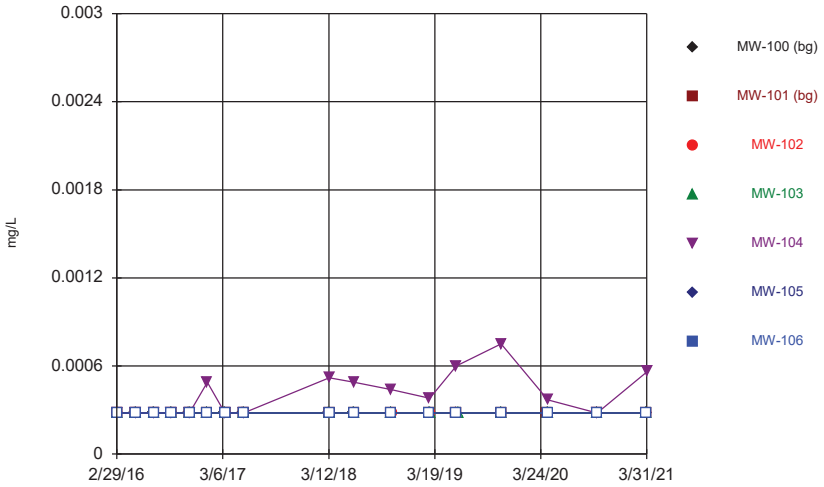
Time Series



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.

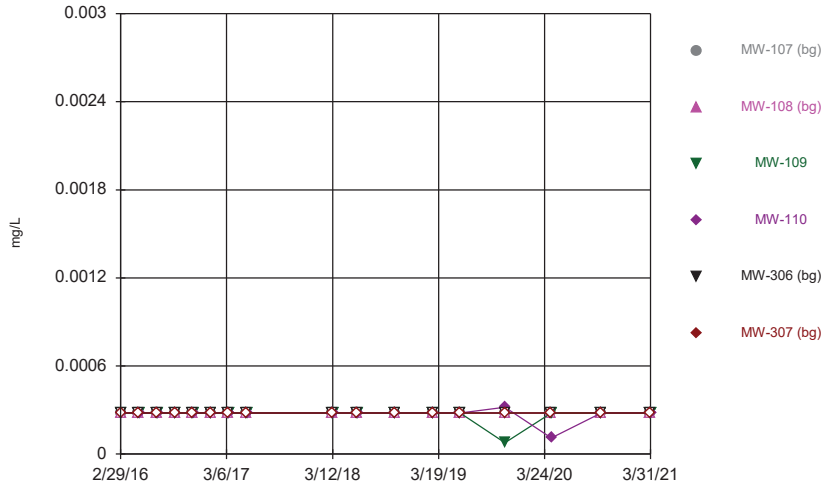
Time Series



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.

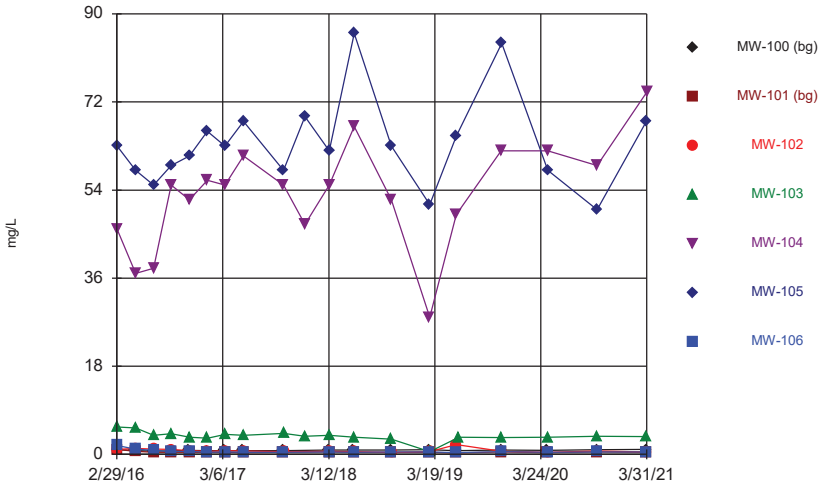
Time Series



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

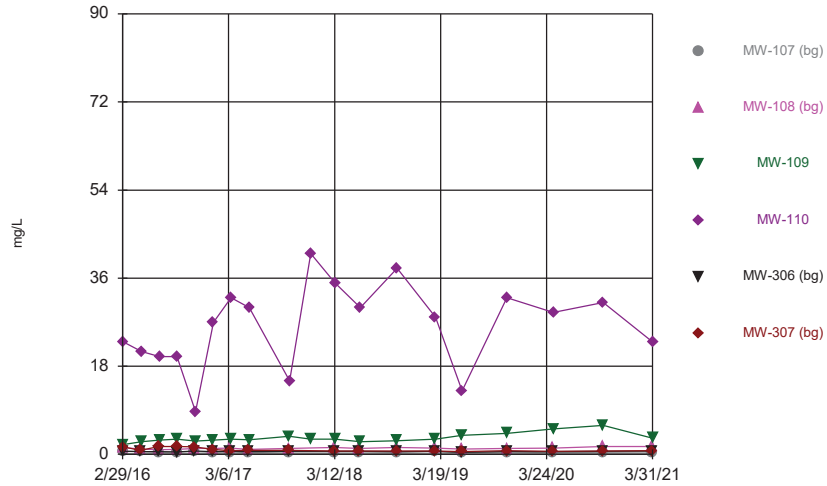
Time Series



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

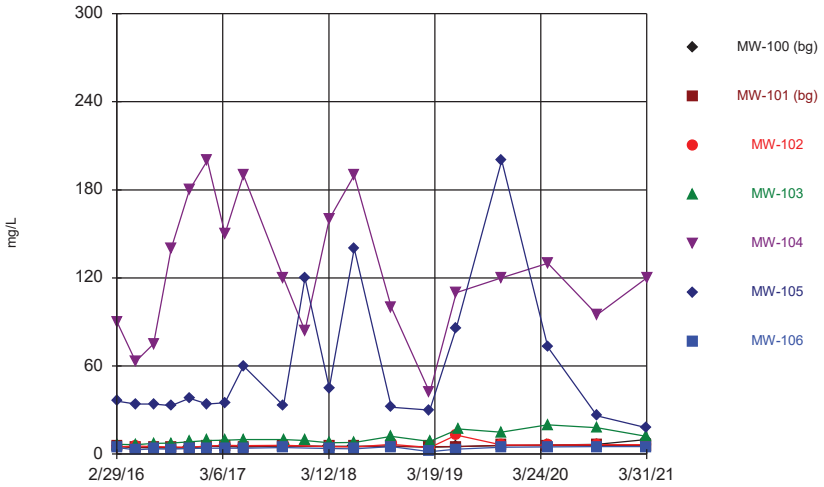
Time Series



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

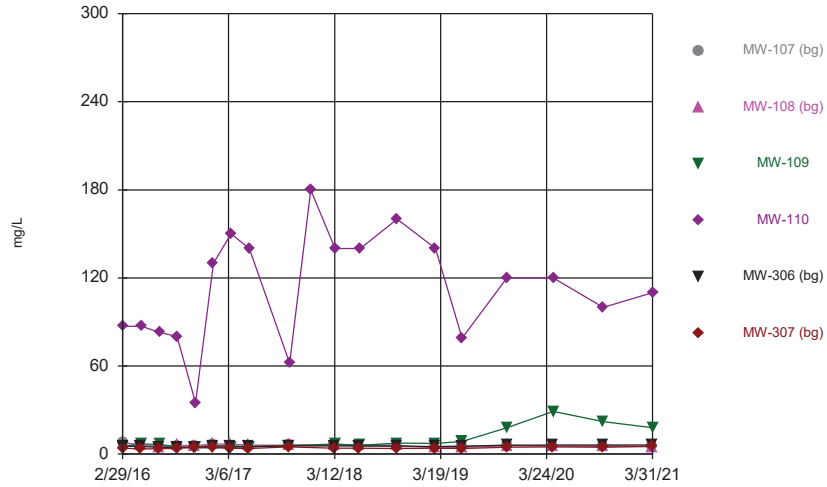
Time Series



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

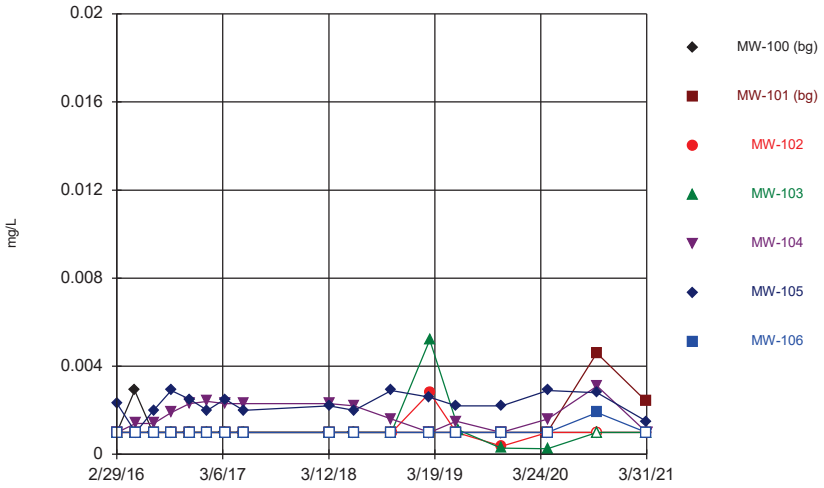
Time Series



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.

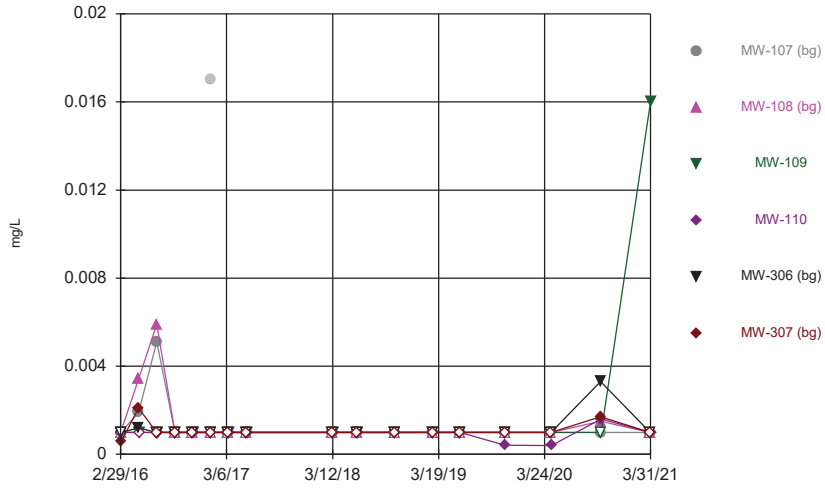
Time Series



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.

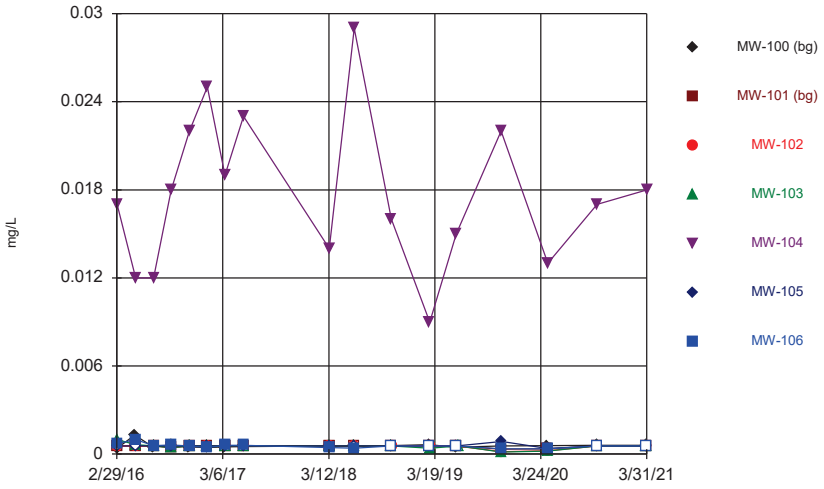
Time Series



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.

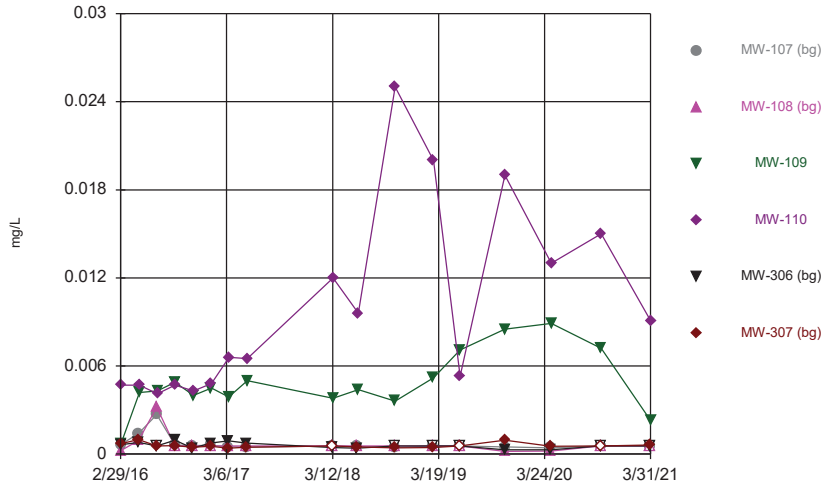
Time Series



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.

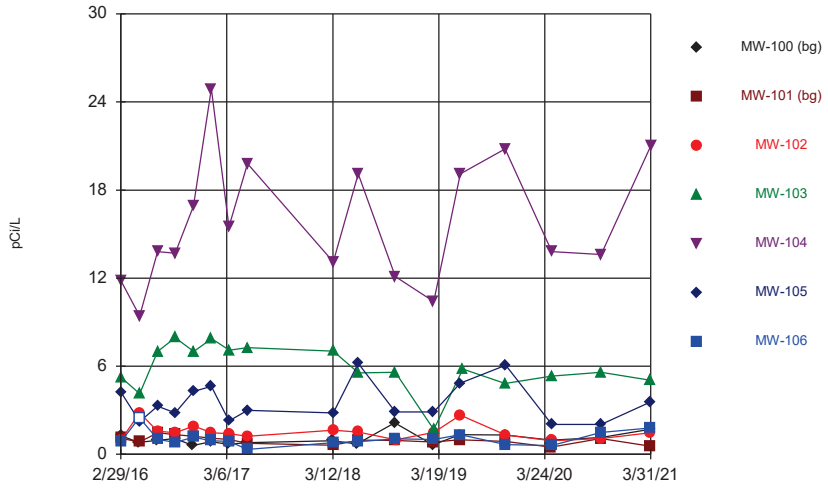
Time Series



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.

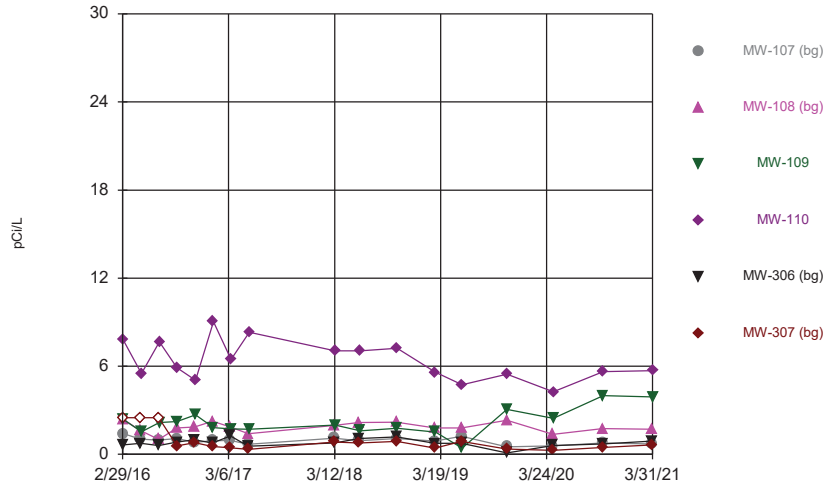
Time Series



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.

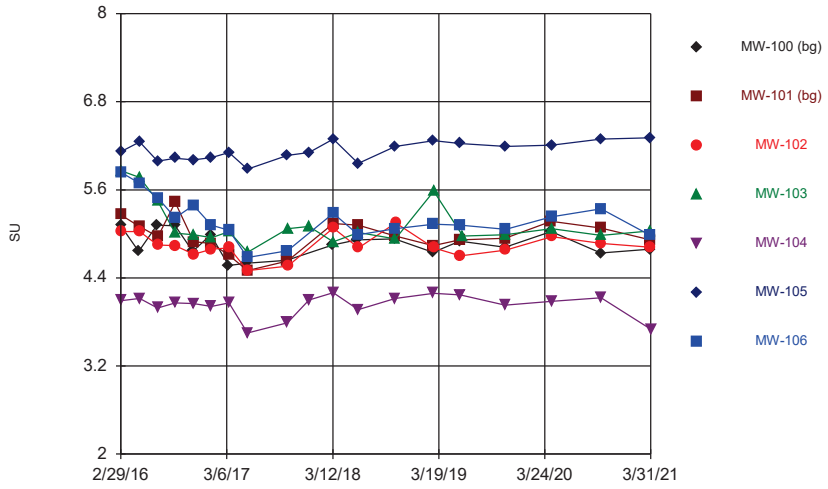
Time Series



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

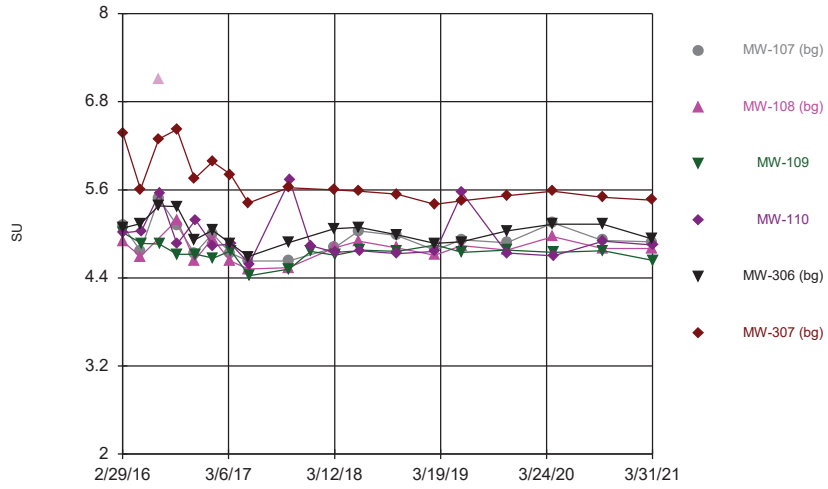
Time Series



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

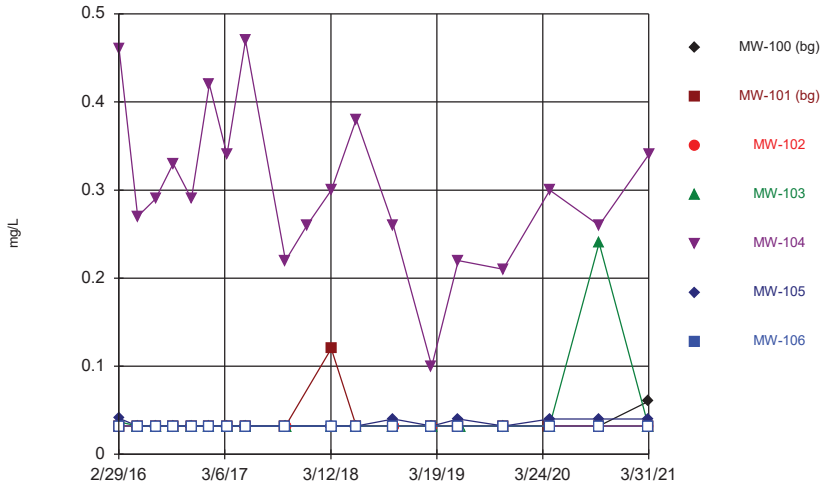
Time Series



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.

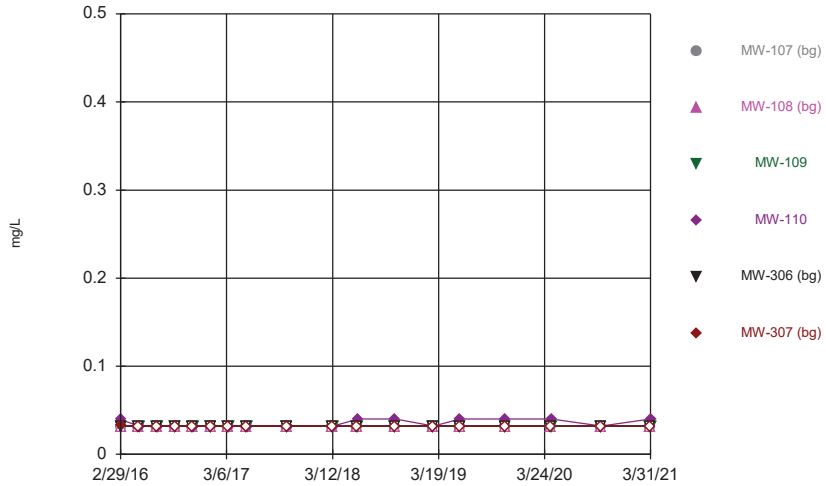
Time Series



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.

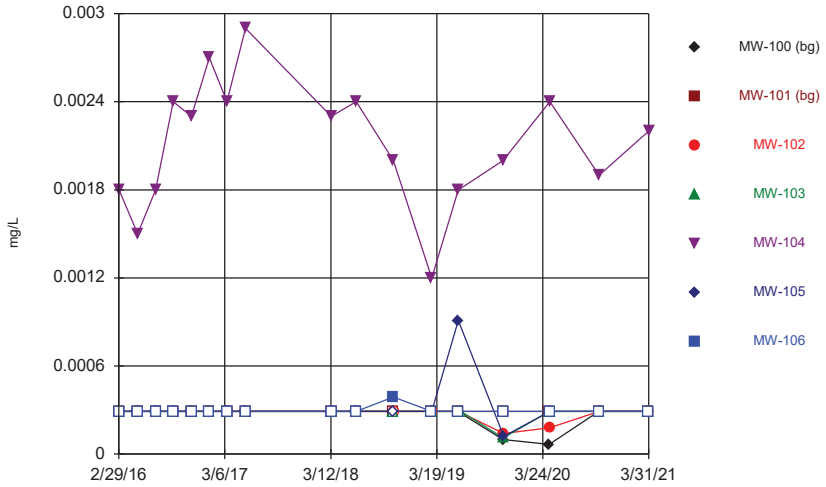
Time Series



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.

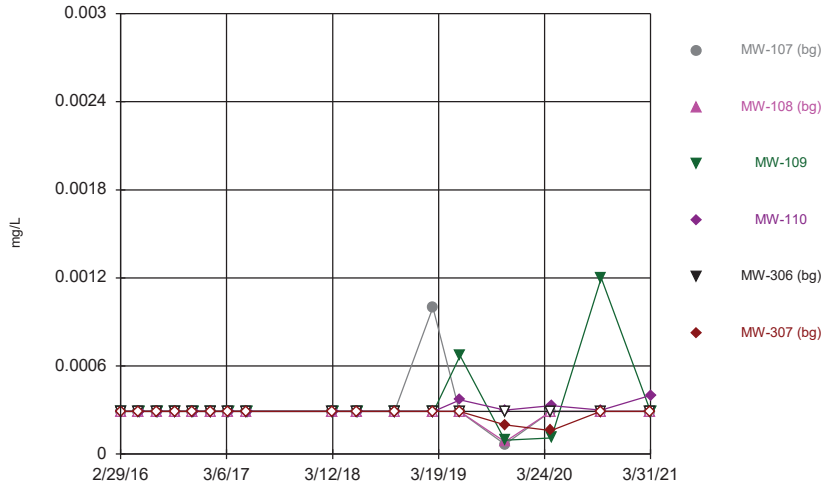
Time Series



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.

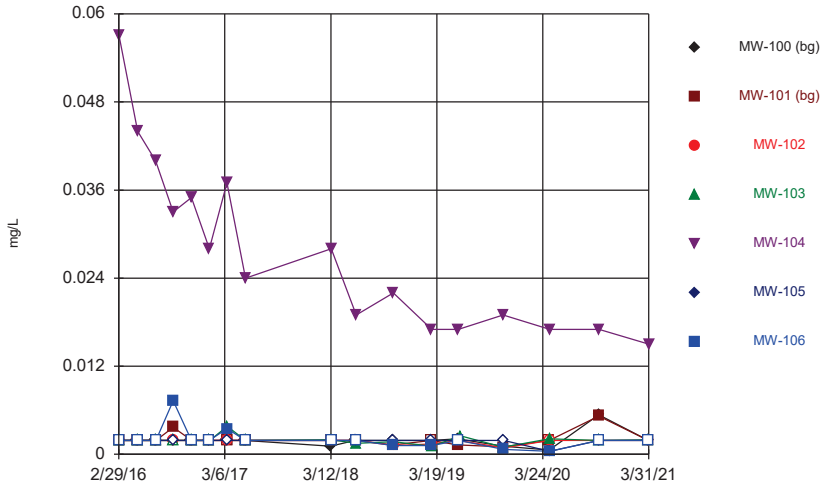
Time Series



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.

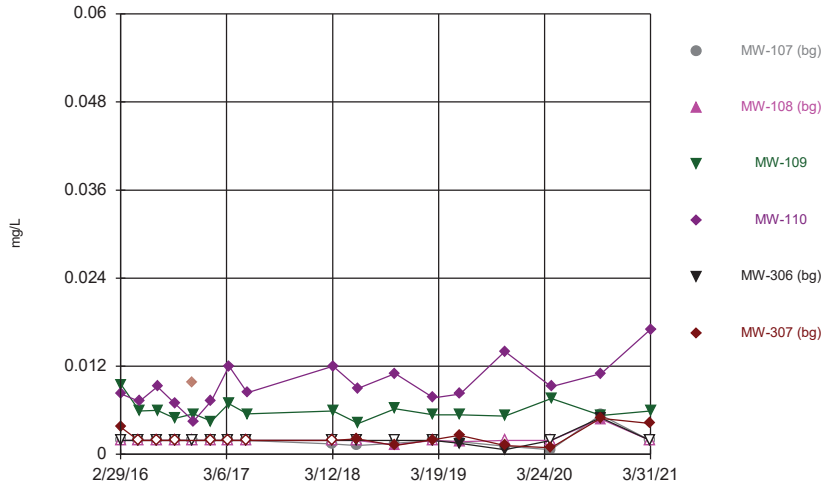
Time Series



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.

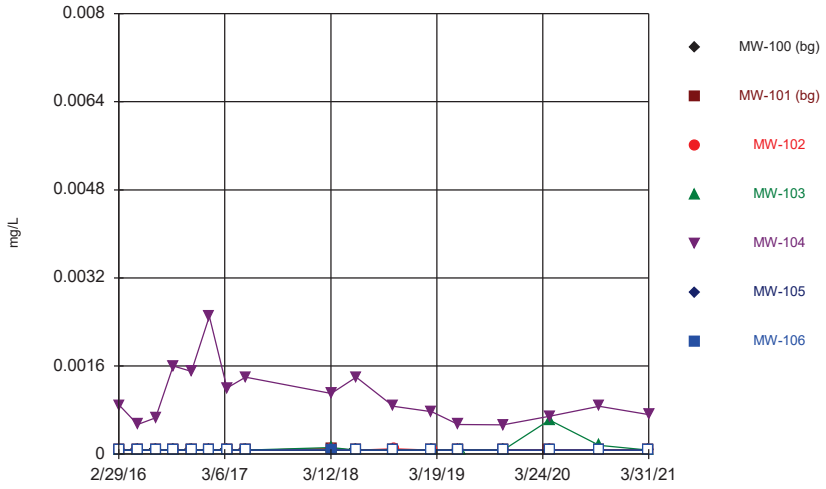
Time Series



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.

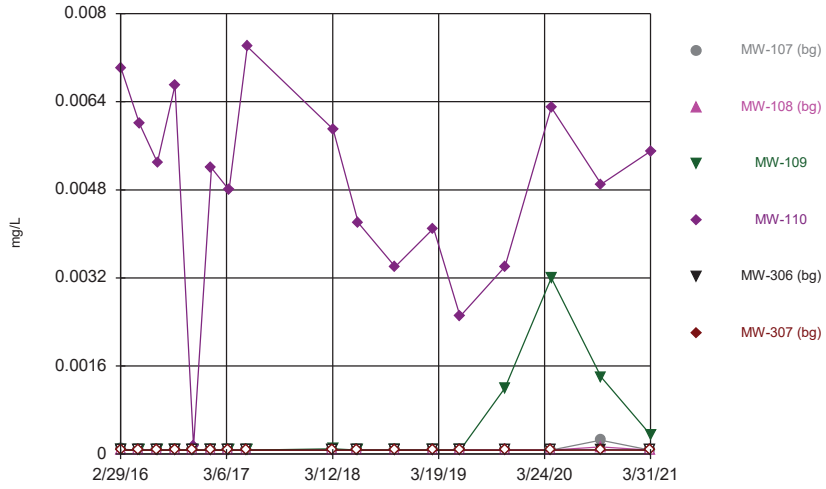
Time Series



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.

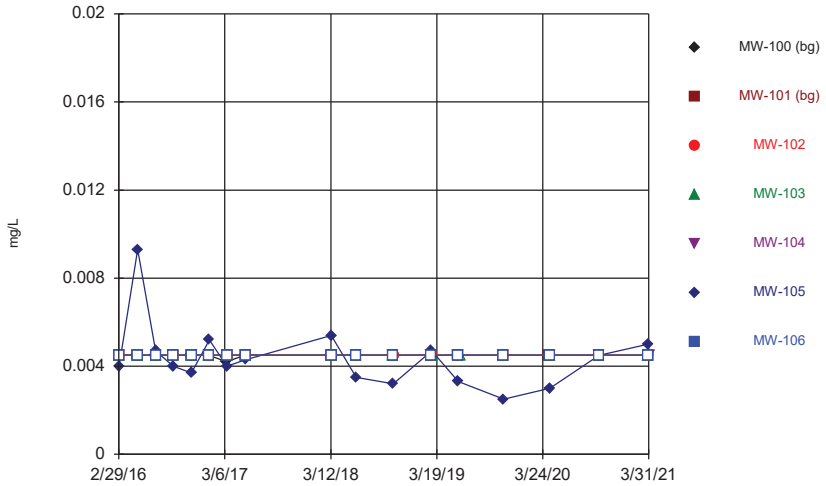
Time Series



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.

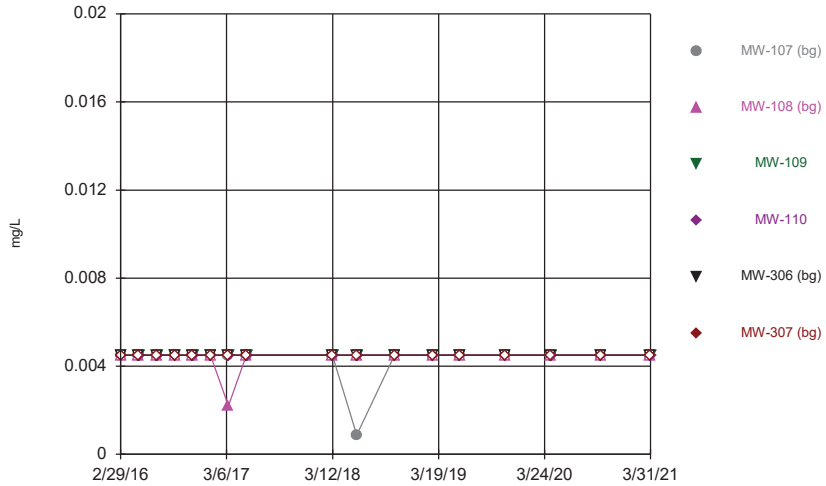
Time Series



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.

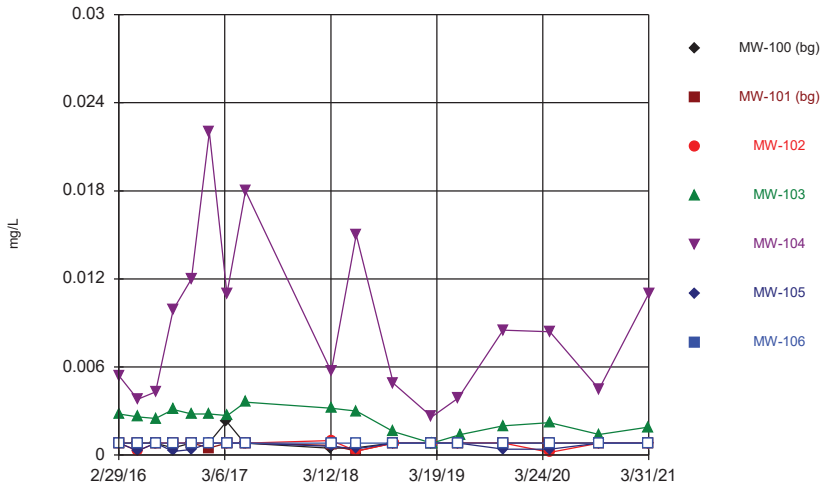
Time Series



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.

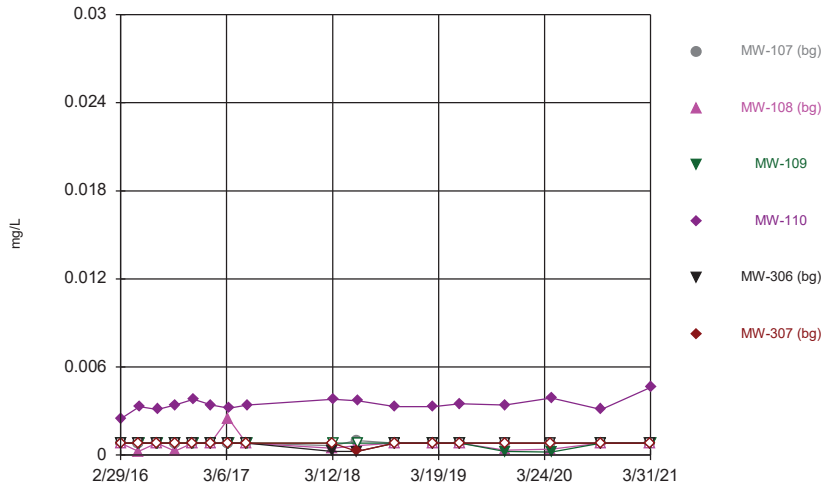
Time Series



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.

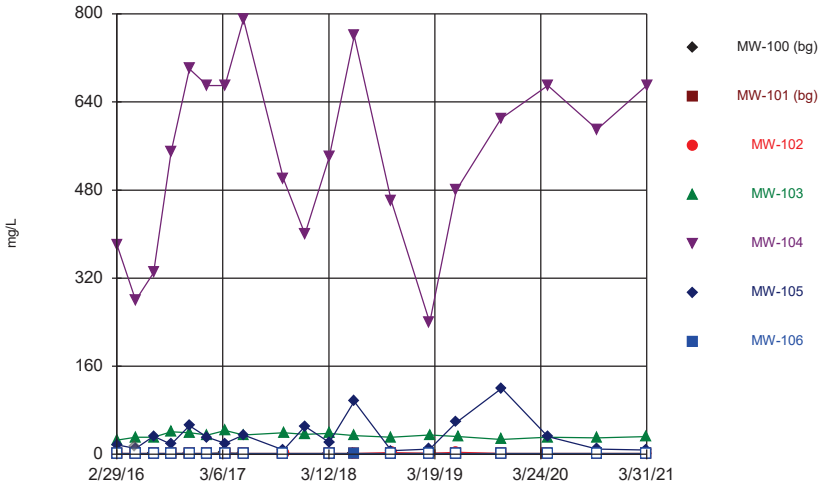
Time Series



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.

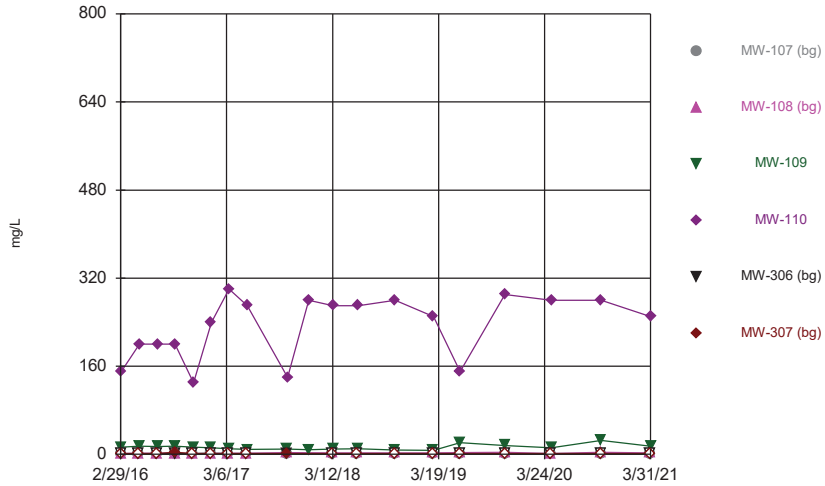
Time Series



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.

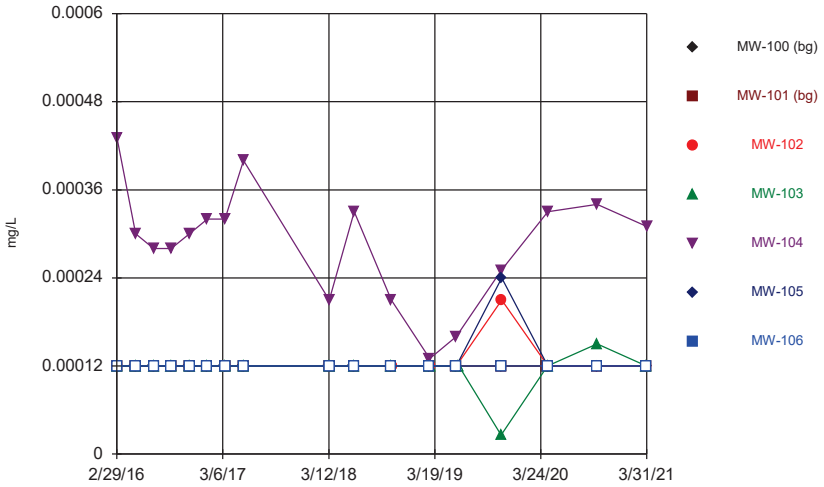
Time Series



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.

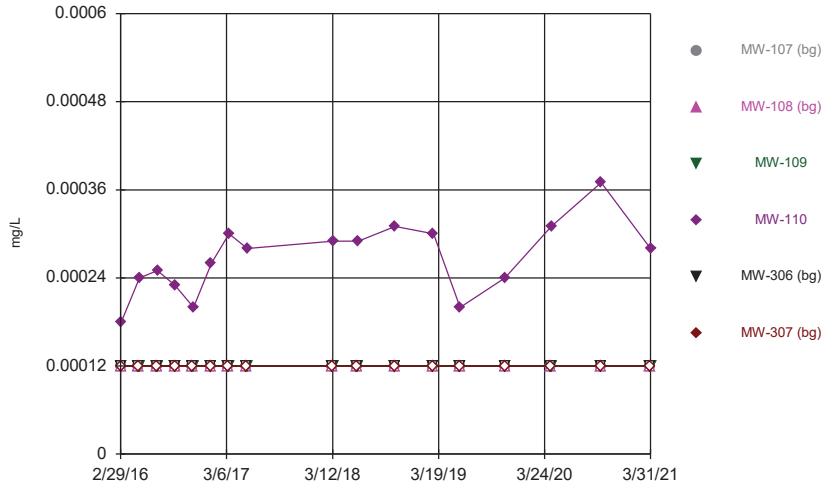
Time Series



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.

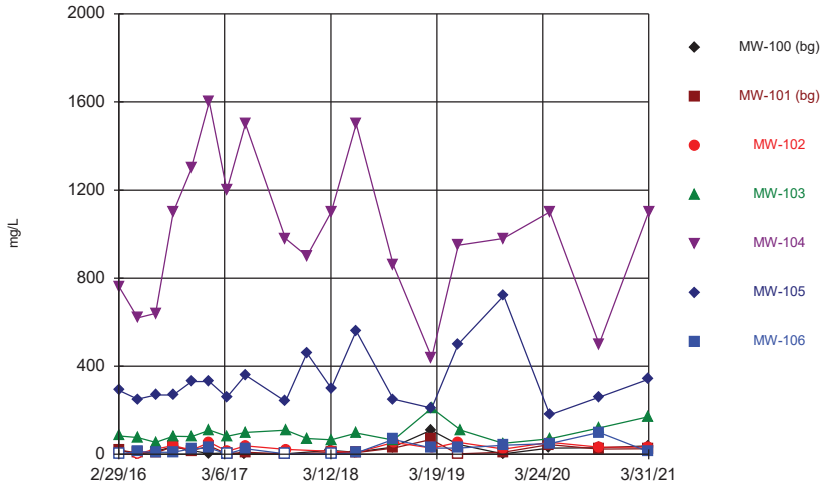
Time Series



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.

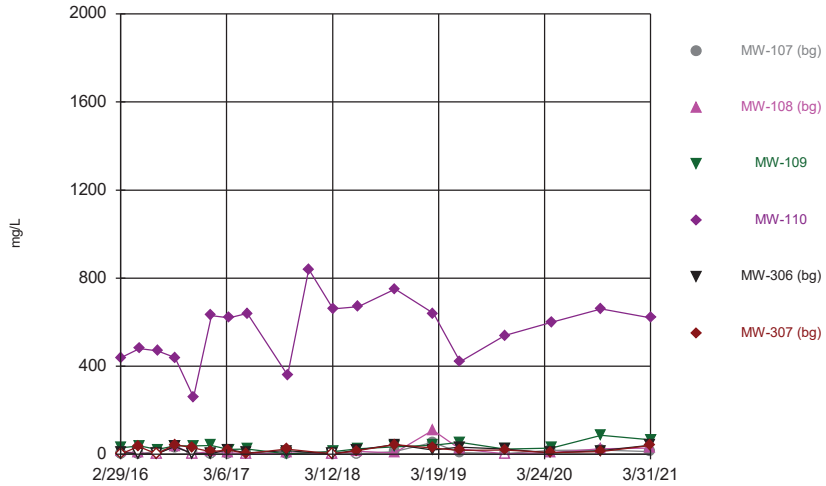
Time Series



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

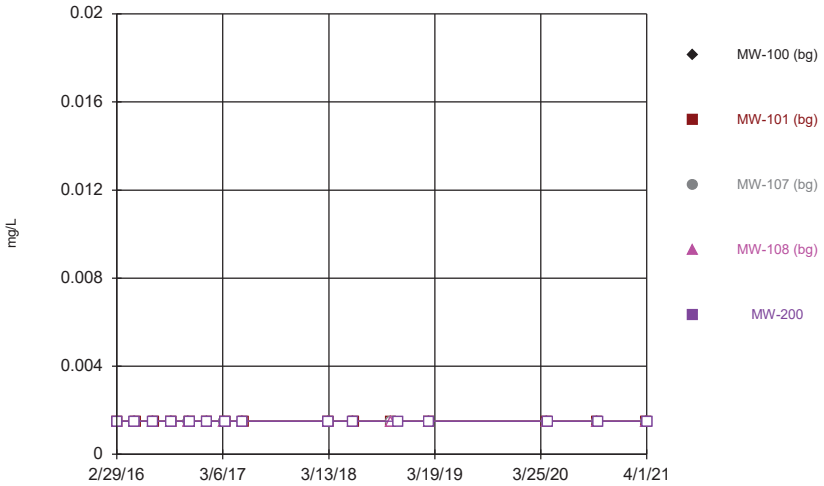
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	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.

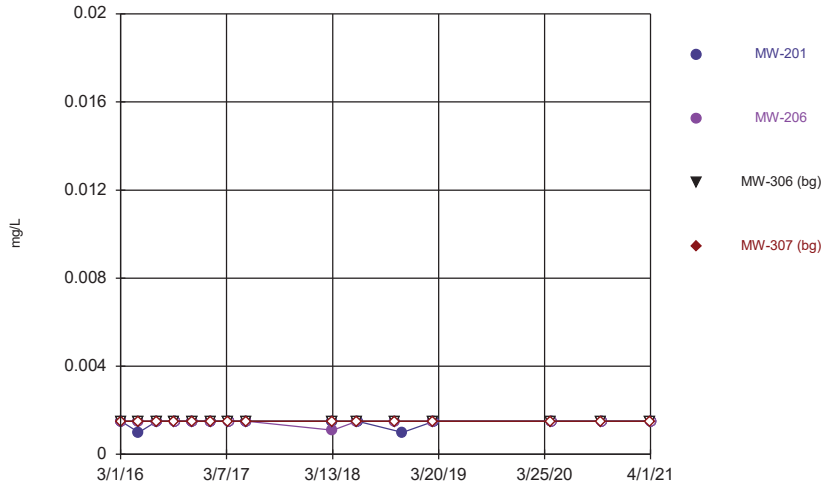
Time Series



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.

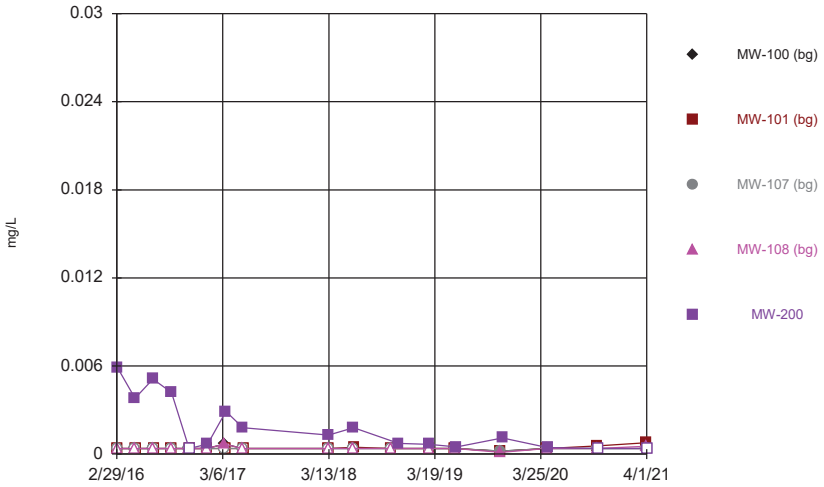
Time Series



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.

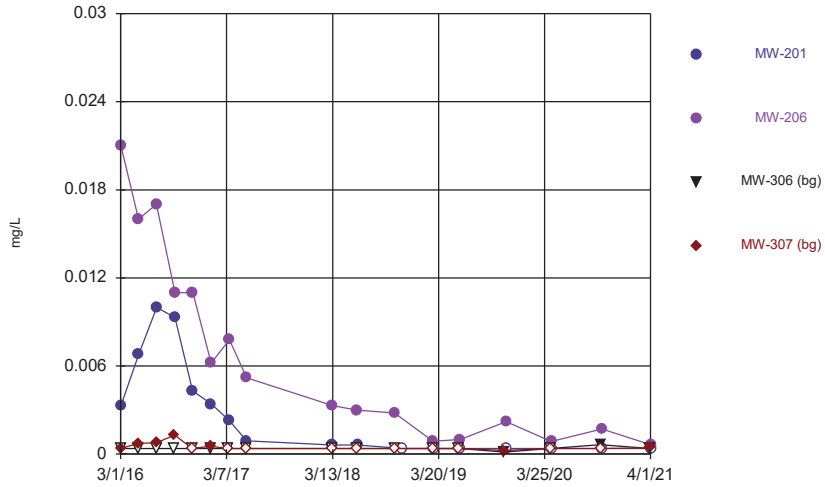
Time Series



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.

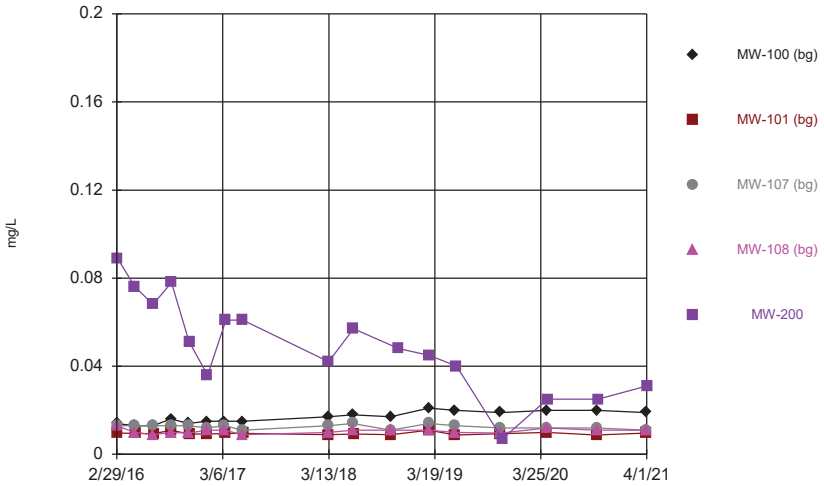
Time Series



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

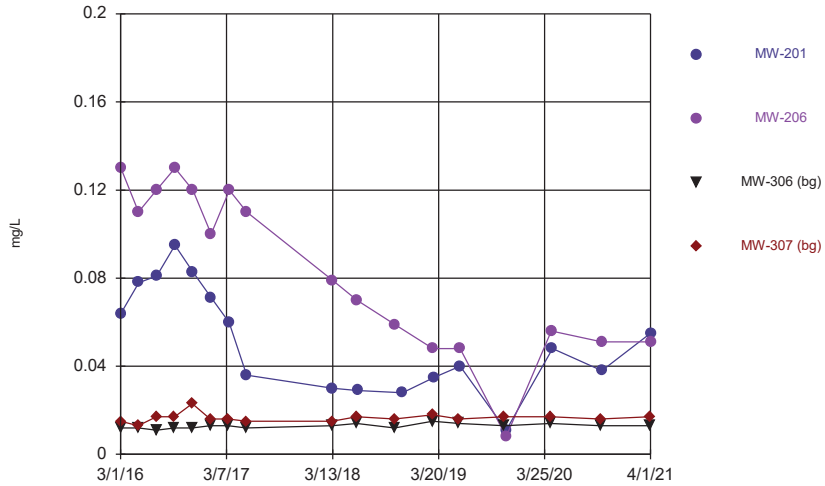
Time Series



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

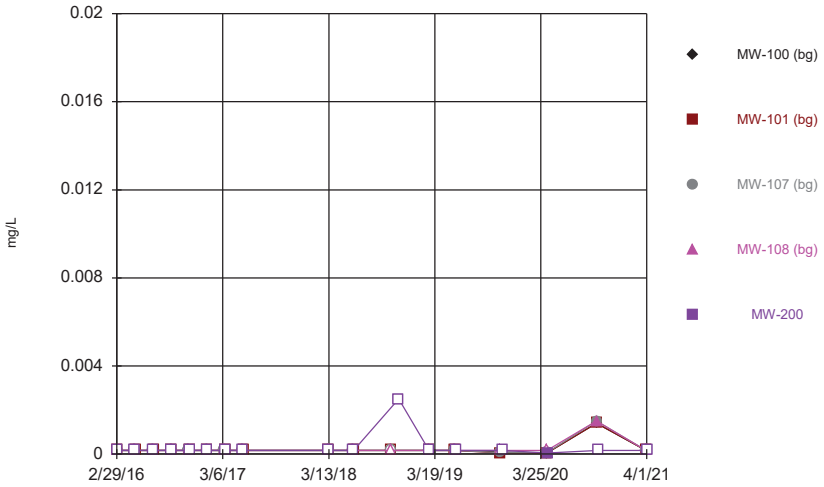
Time Series



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.

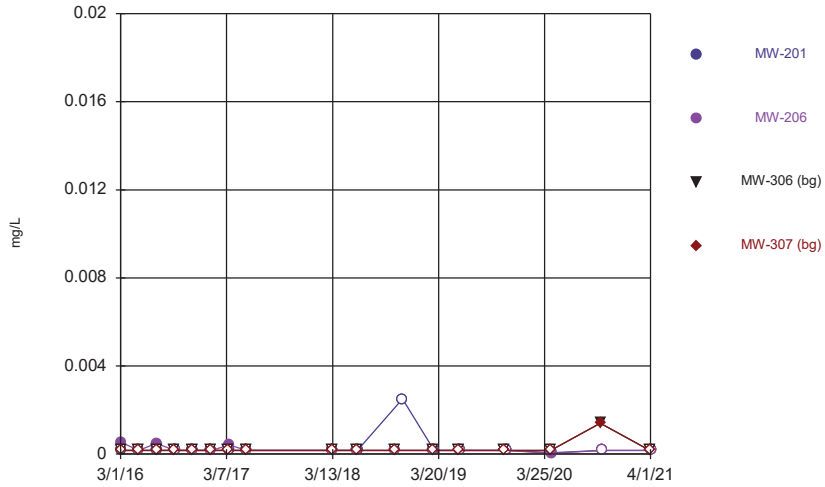
Time Series



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.

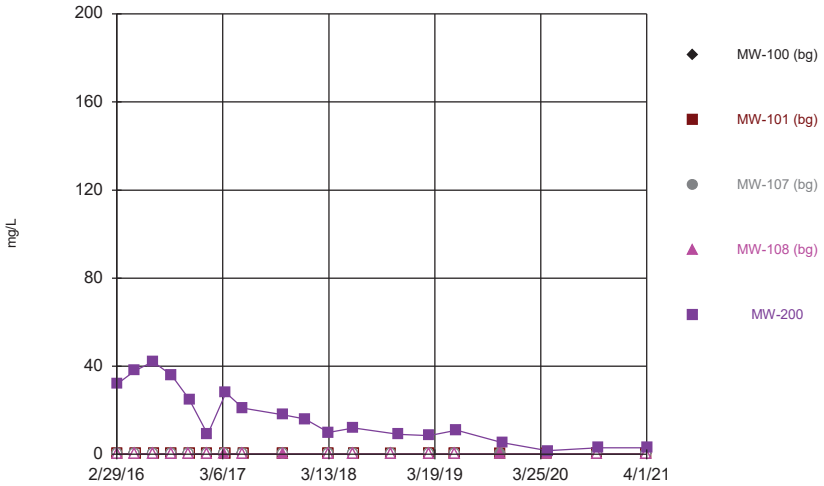
Time Series



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.

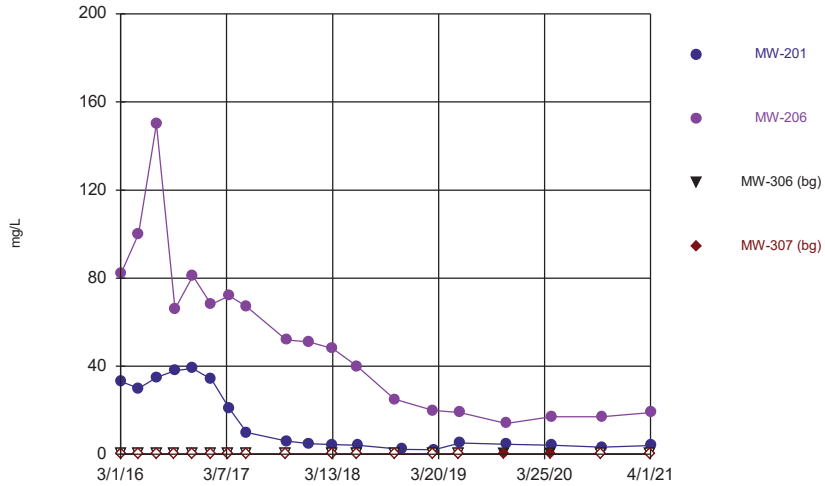
Time Series



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.

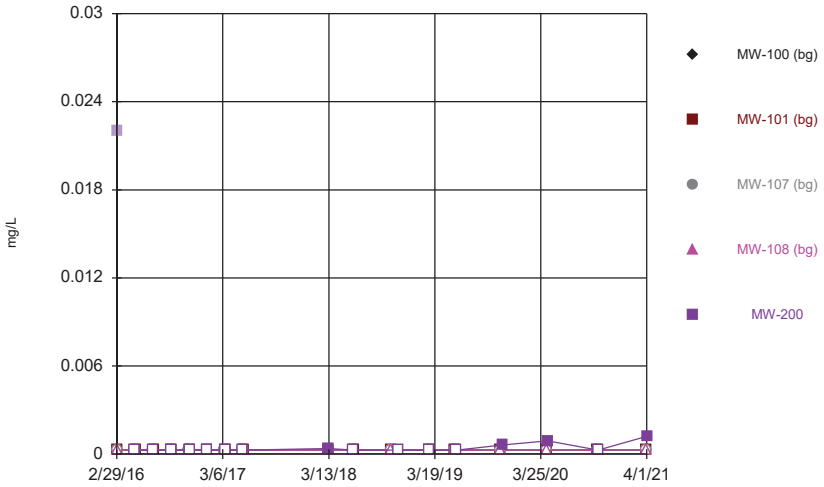
Time Series



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.

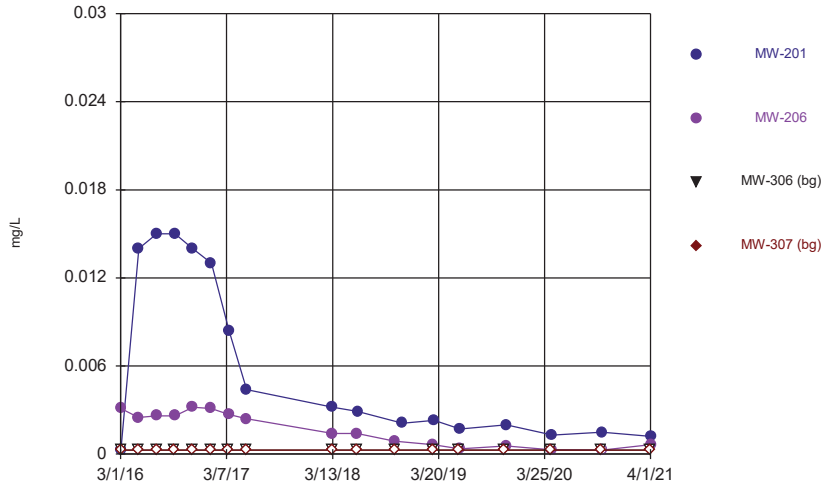
Time Series



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.

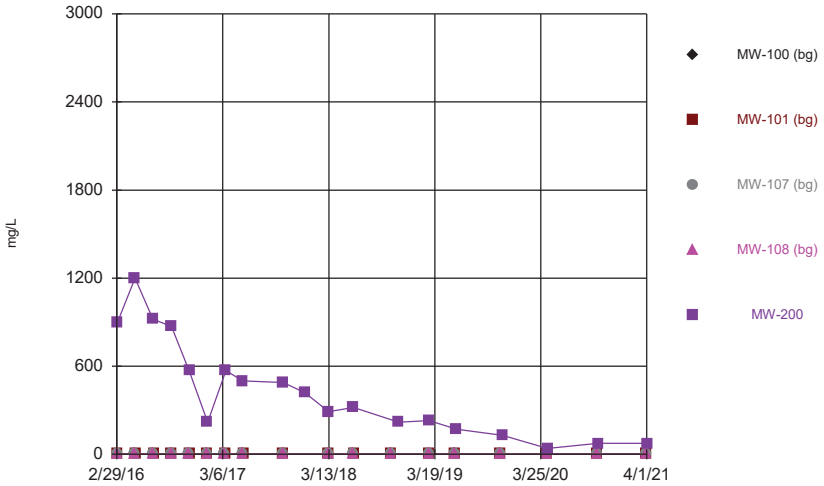
Time Series



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

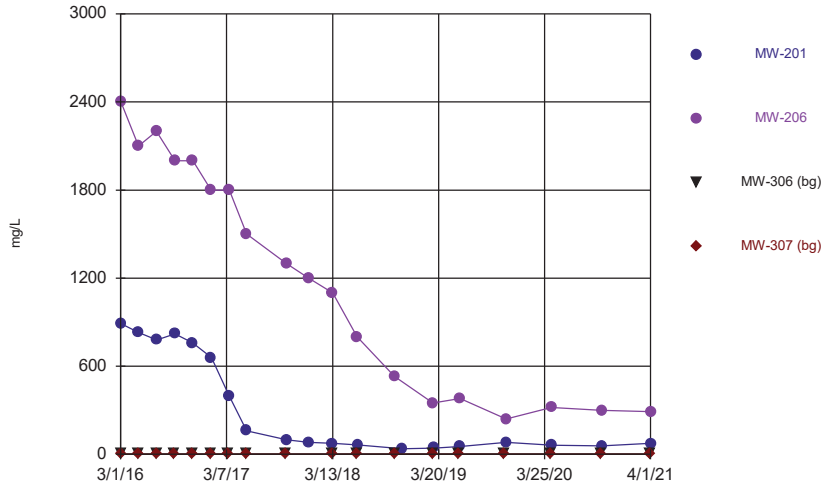
Time Series



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

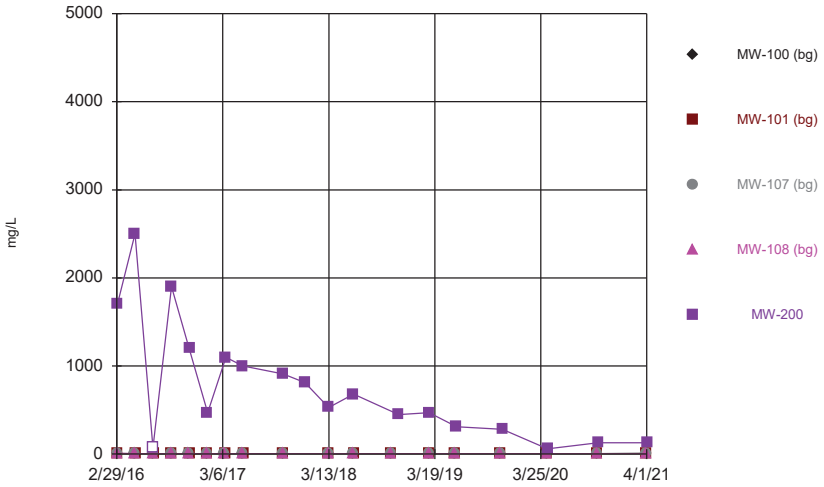
Time Series



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.

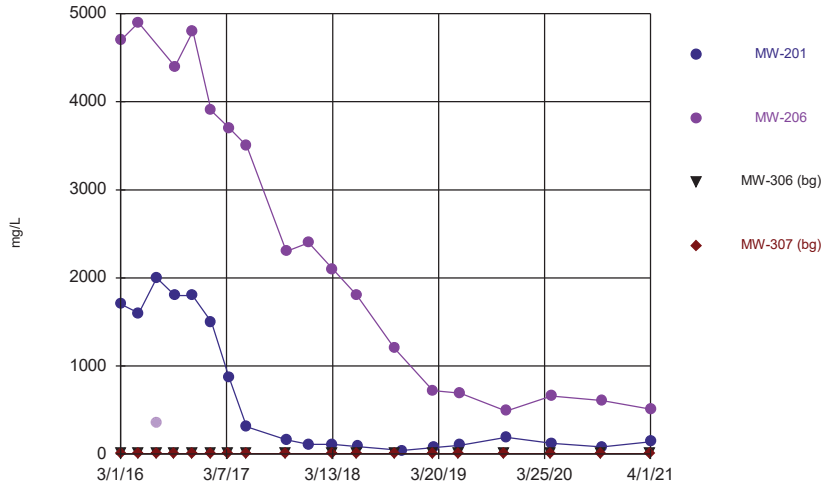
Time Series



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

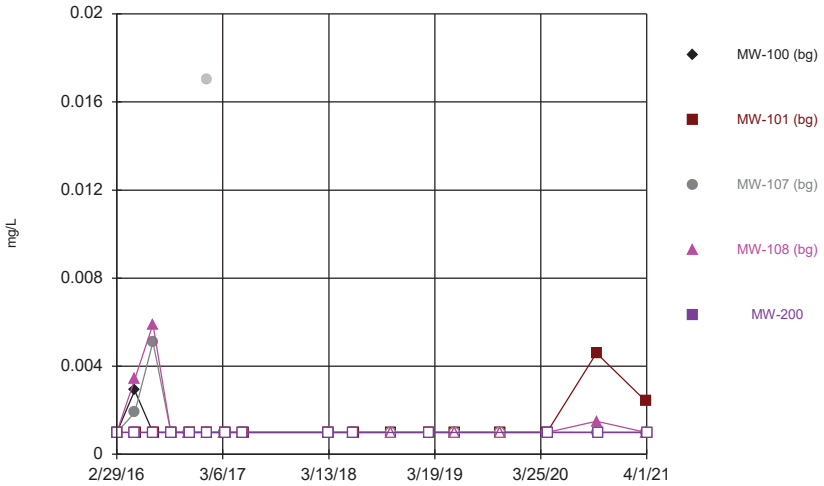
Time Series



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.

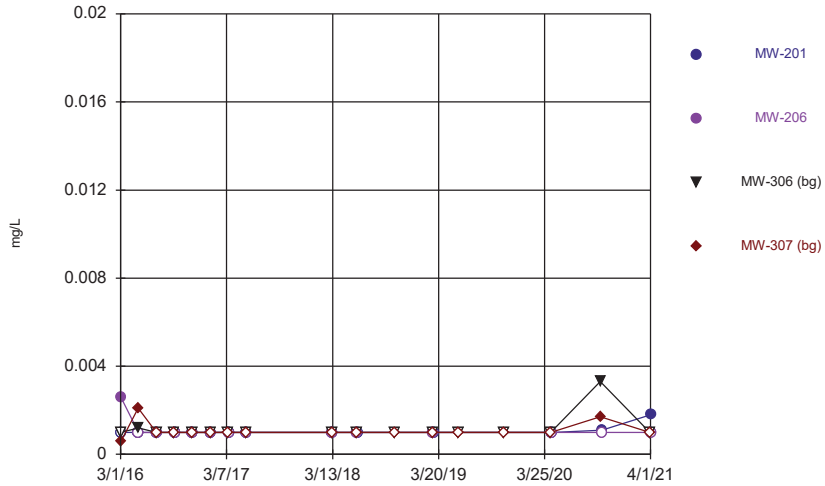
Time Series



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.

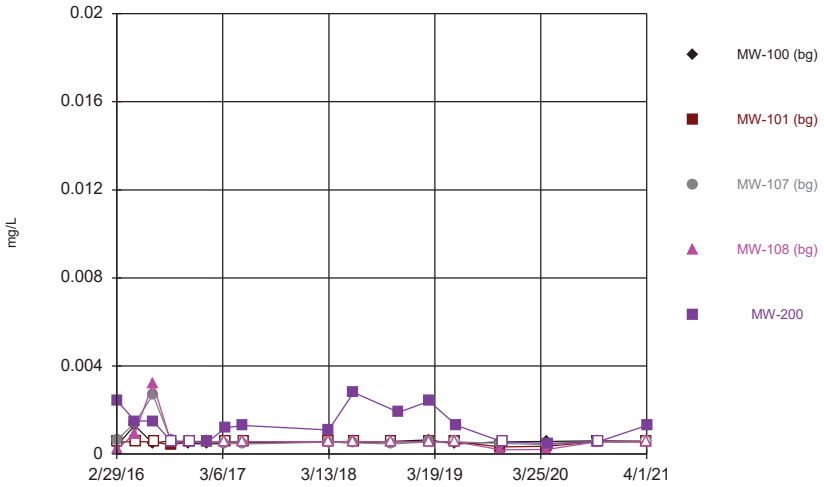
Time Series



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.

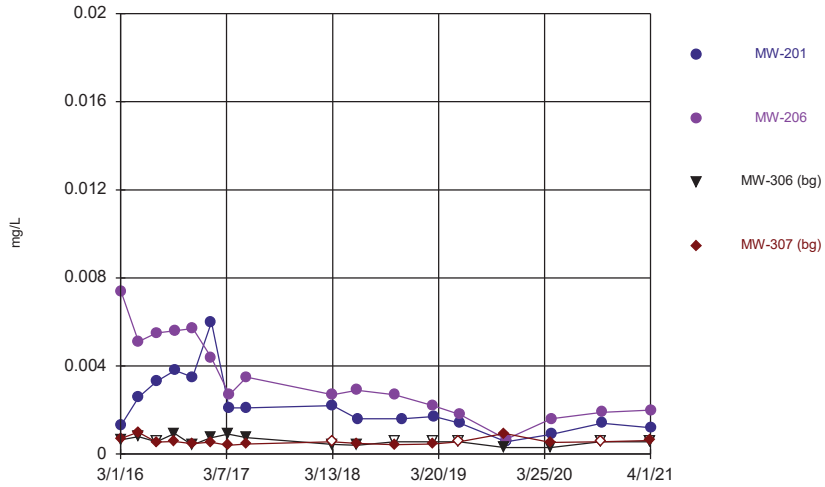
Time Series



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.

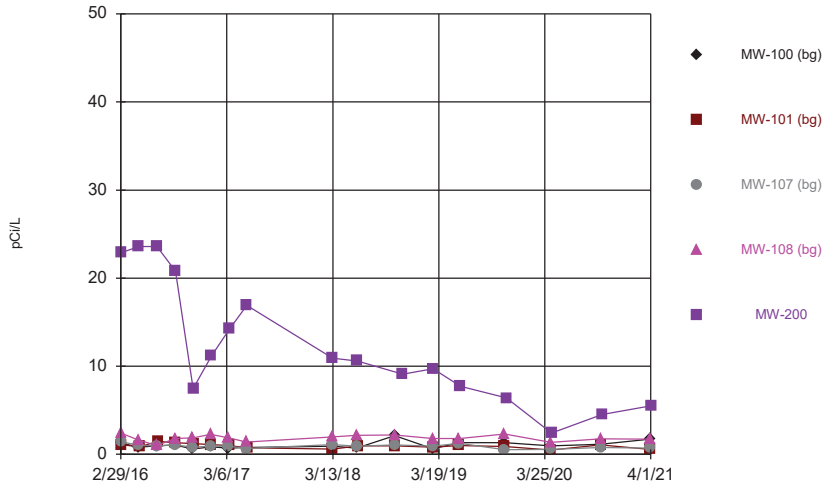
Time Series



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

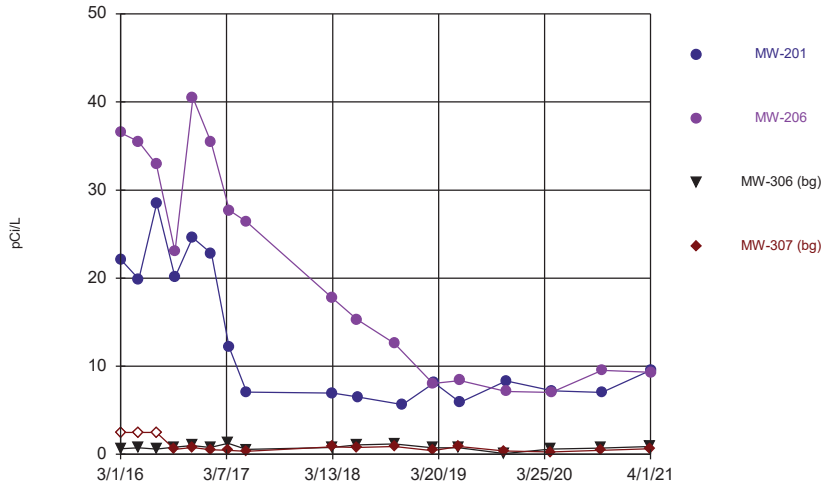
Time Series



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.

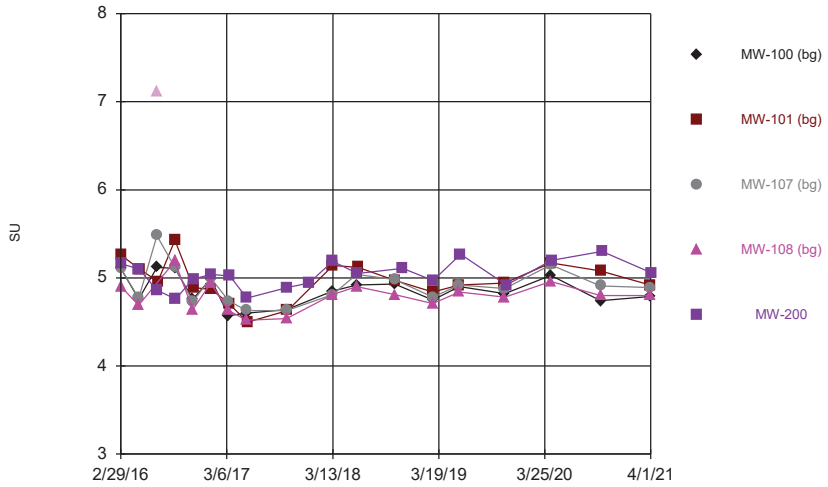
Time Series



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

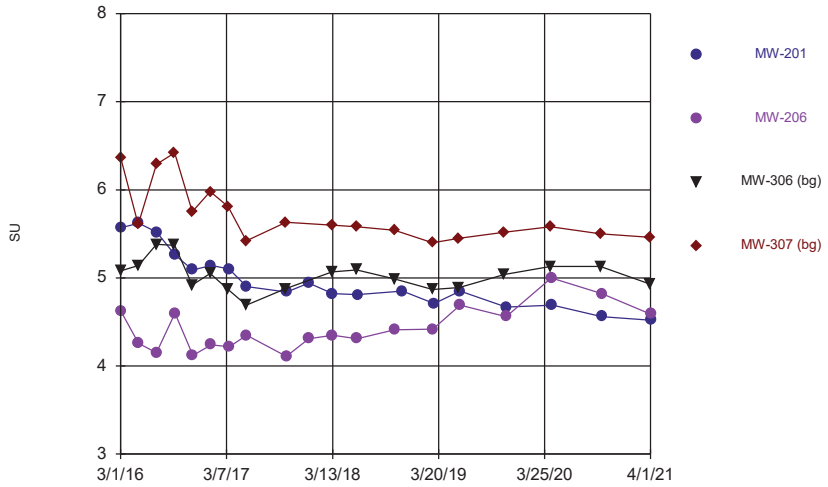
Time Series



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

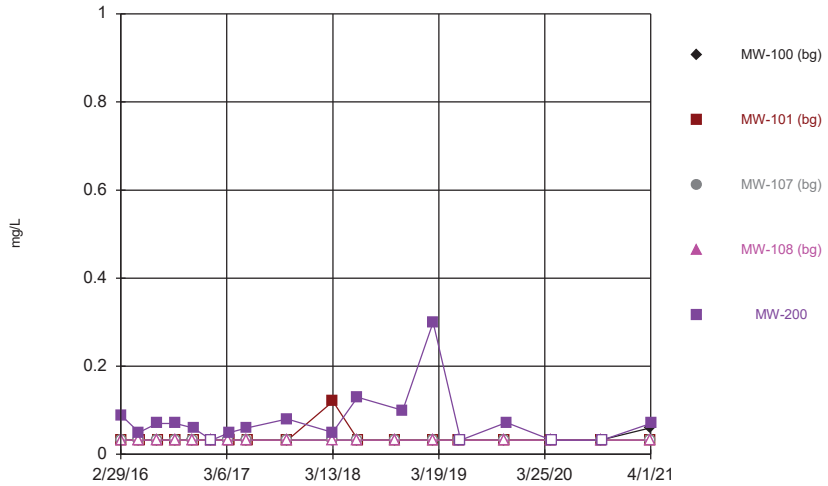
Time Series



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.

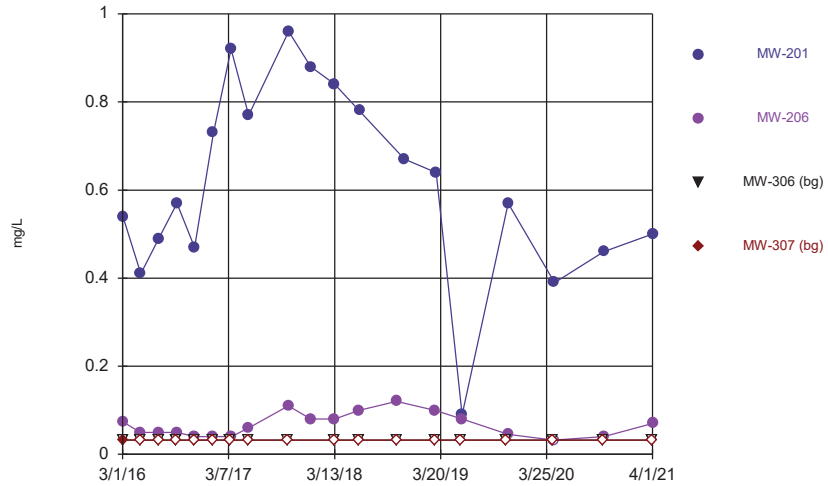
Time Series



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.

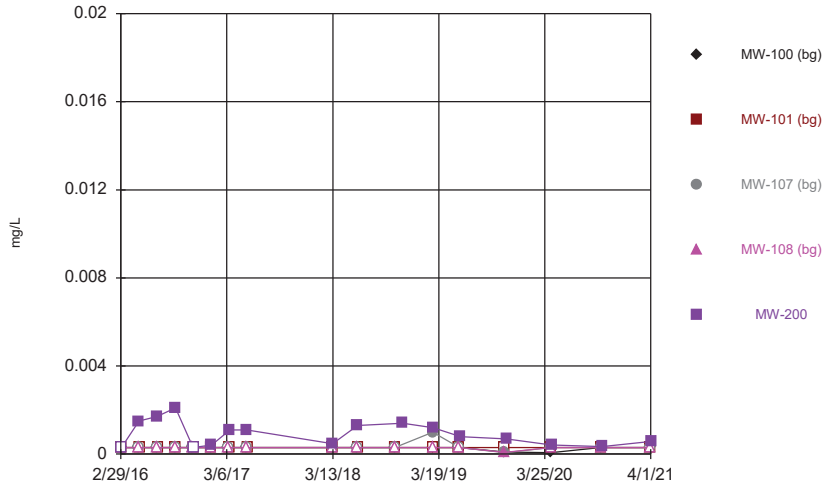
Time Series



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.

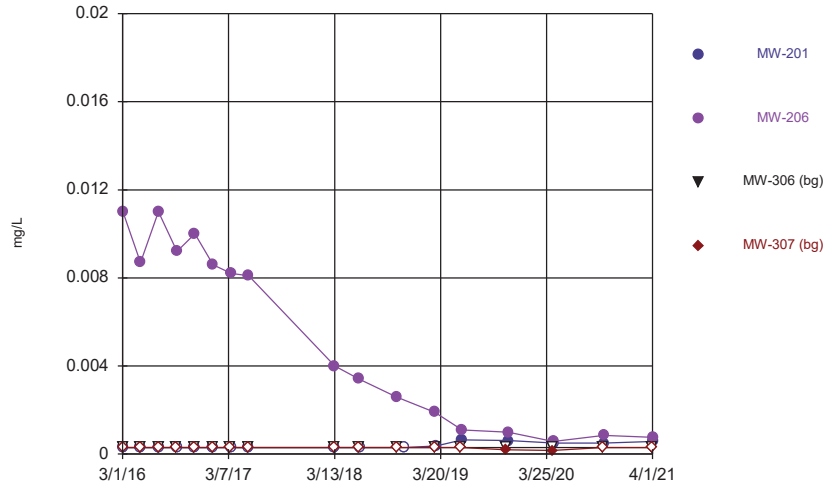
Time Series



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.

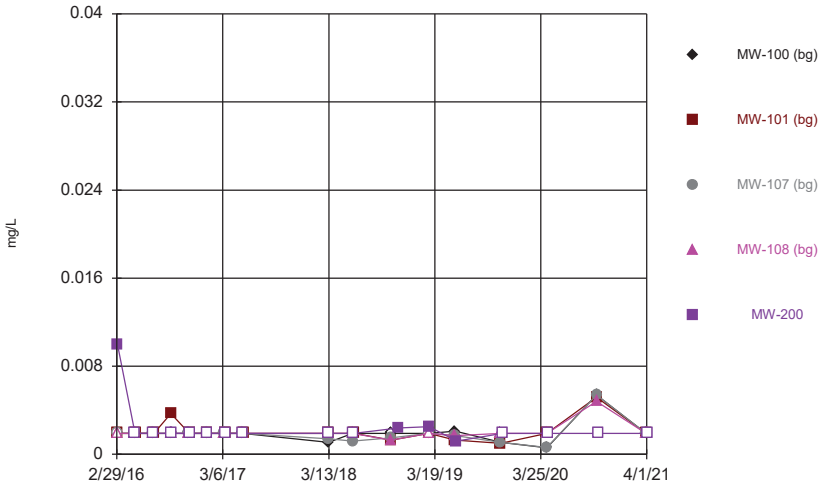
Time Series



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.

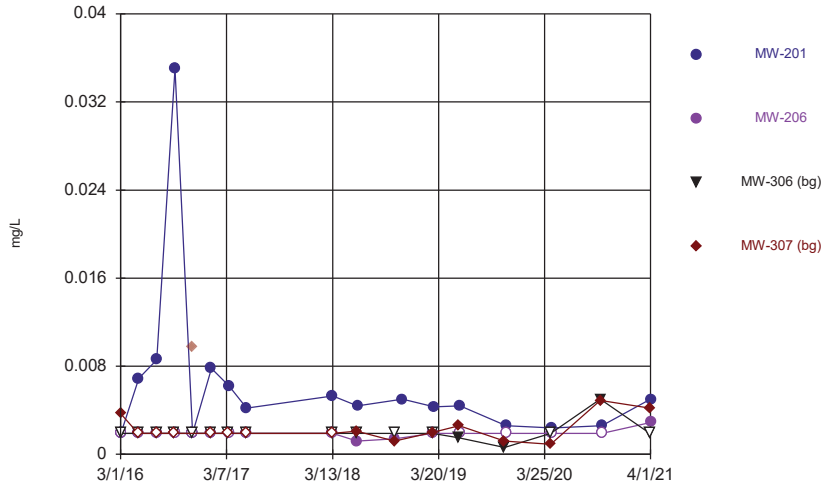
Time Series



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.

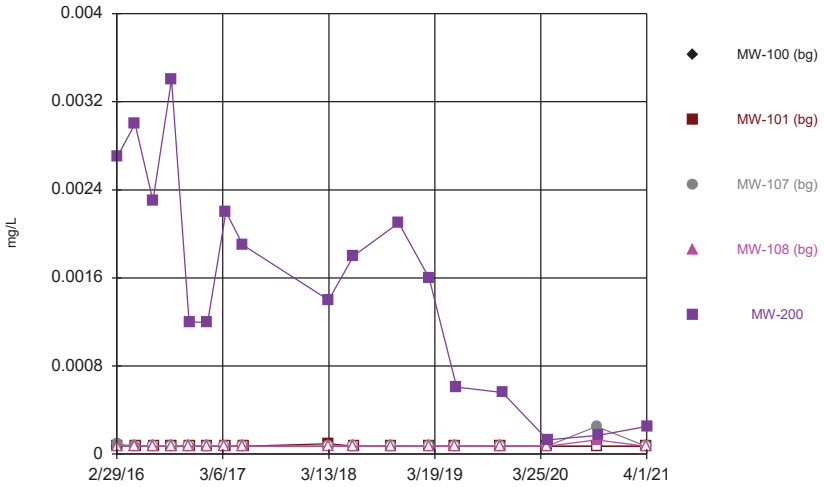
Time Series



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.

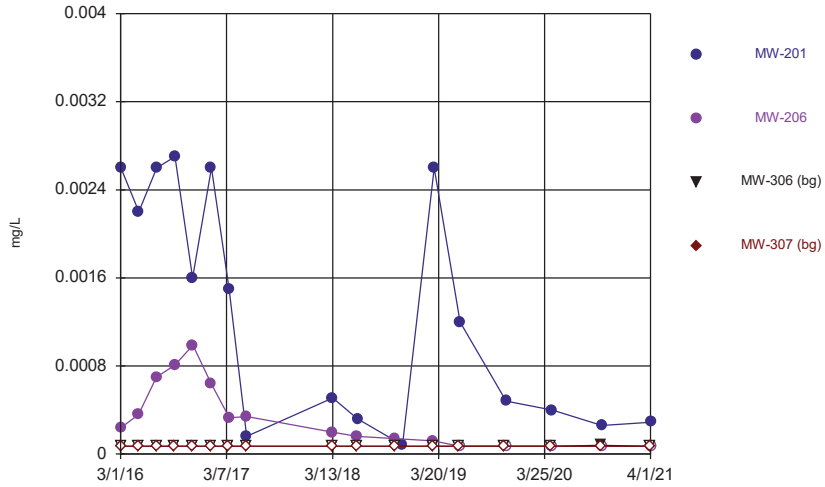
Time Series



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.

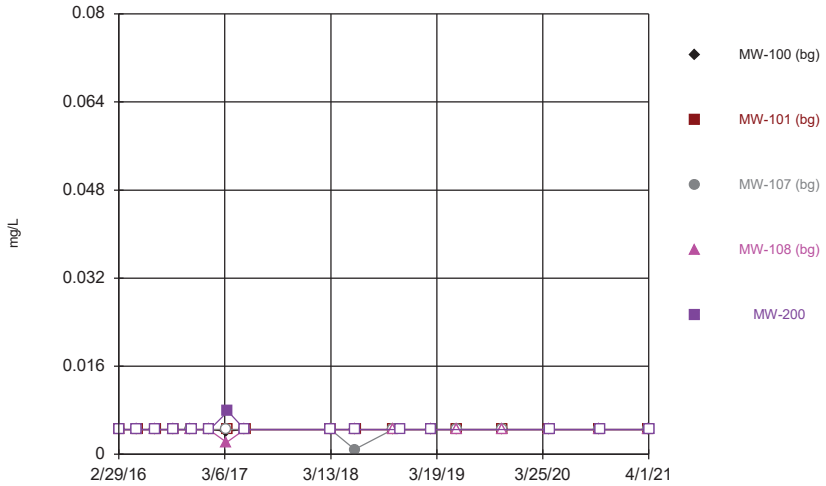
Time Series



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.

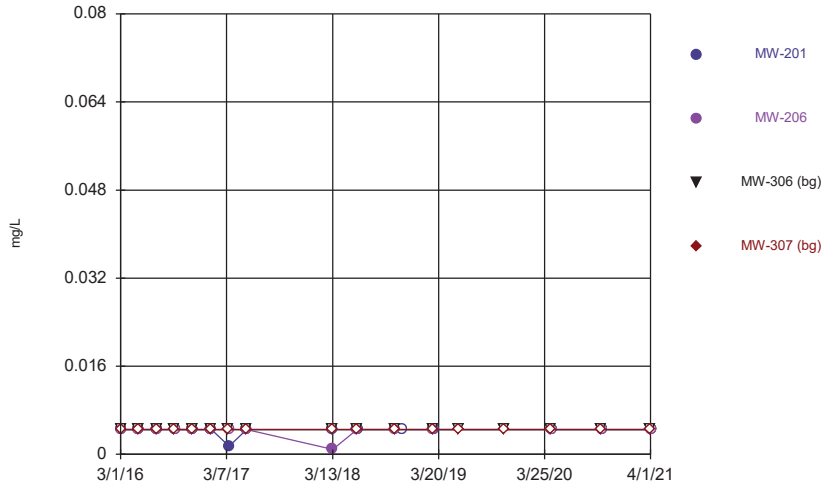
Time Series



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.

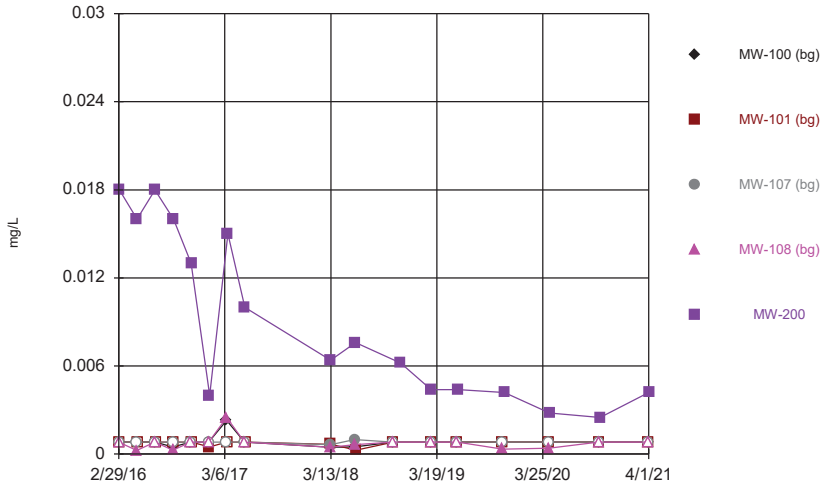
Time Series



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.

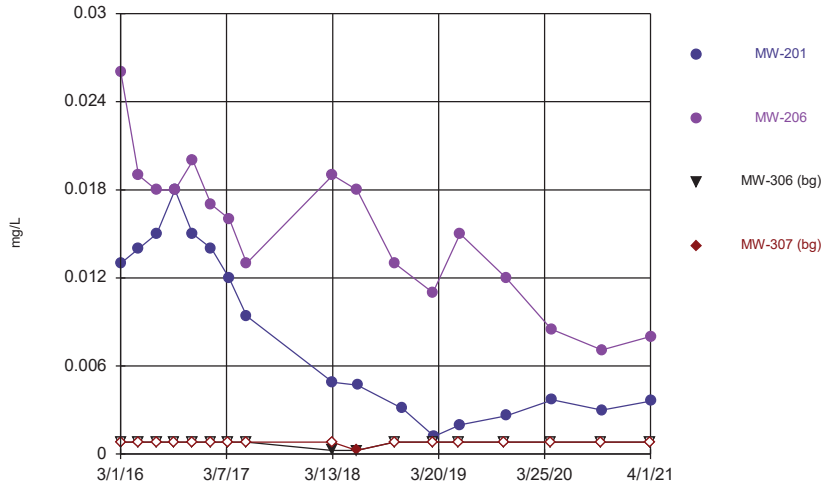
Time Series



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.

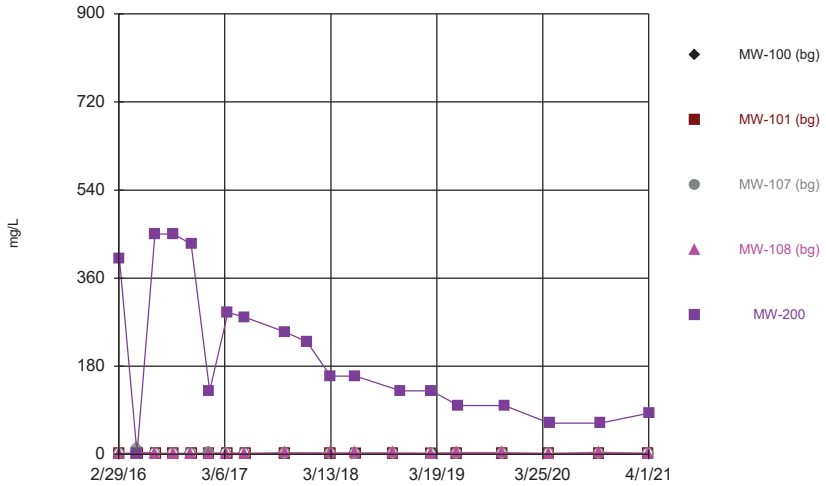
Time Series



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.

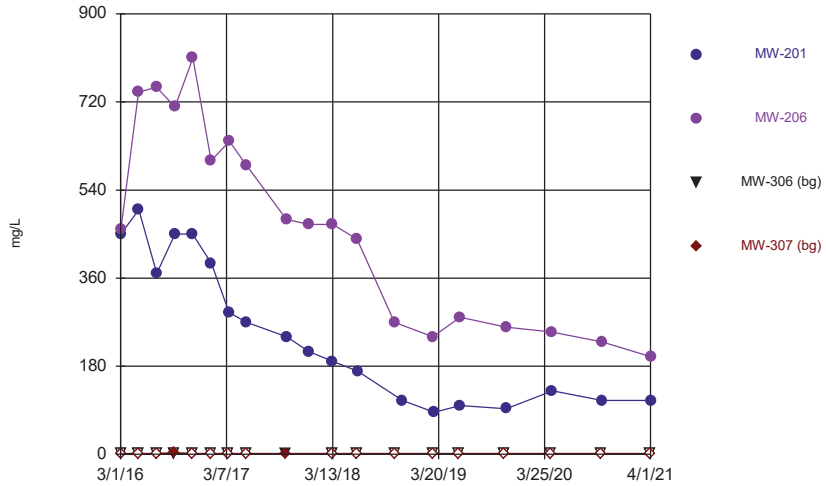
Time Series



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.

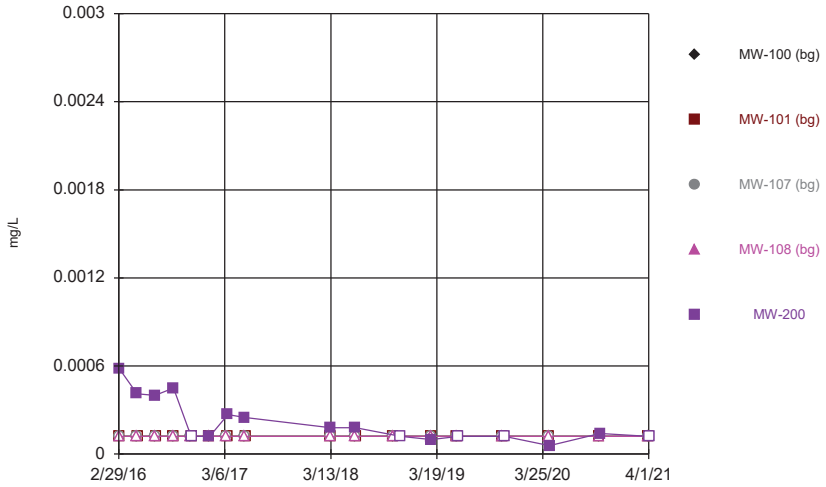
Time Series



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.

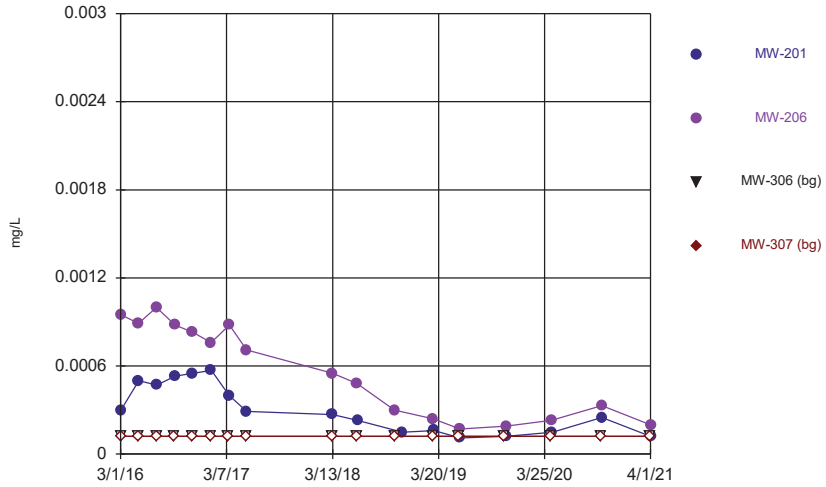
Time Series



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.

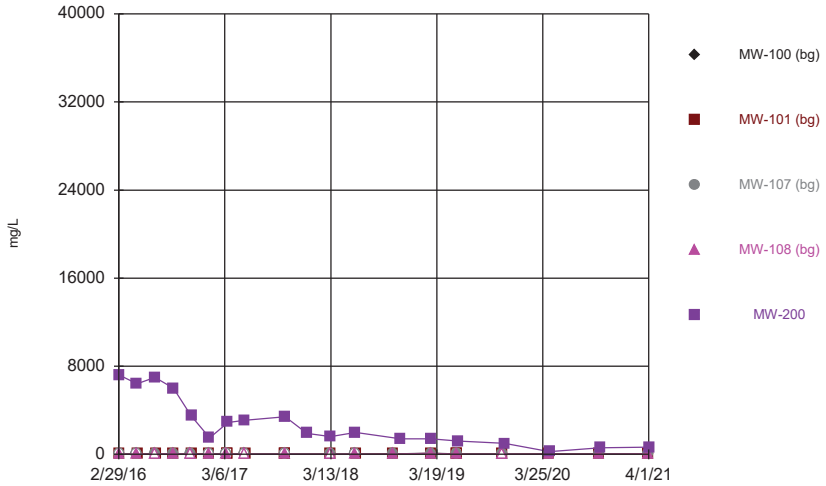
Time Series



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.

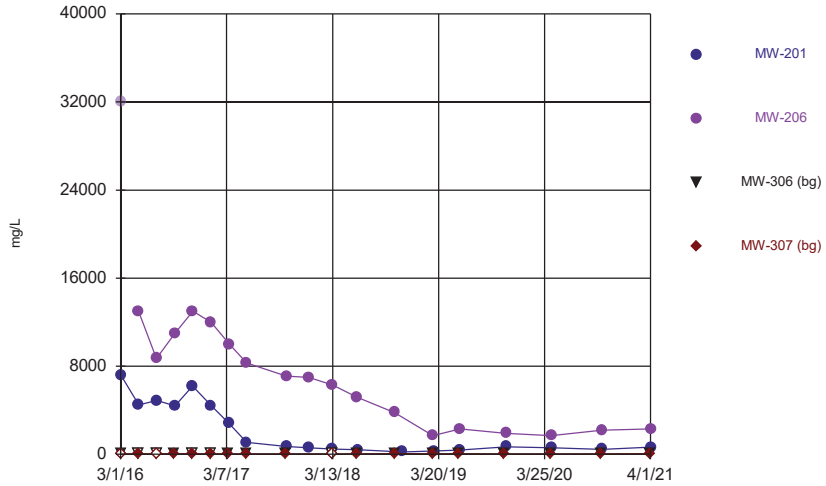
Time Series



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

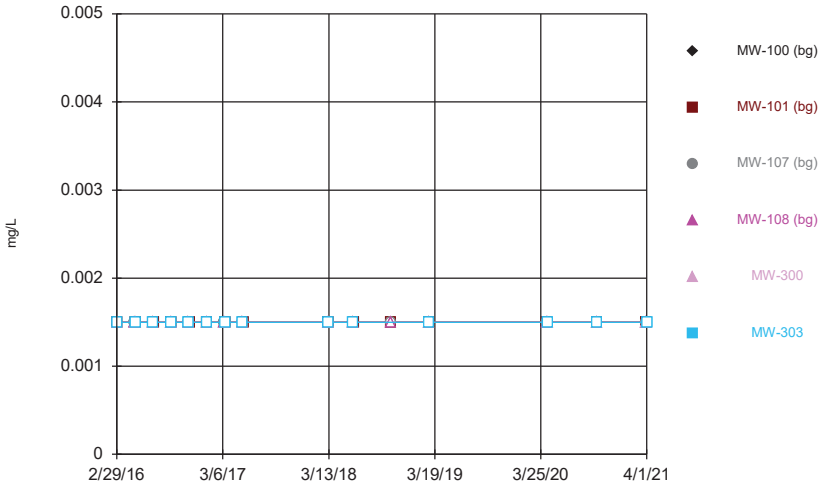
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

	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.

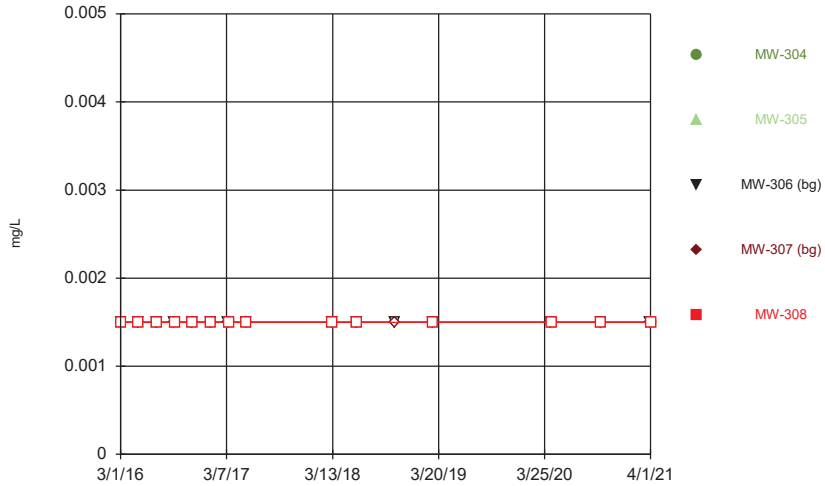
Time Series



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.

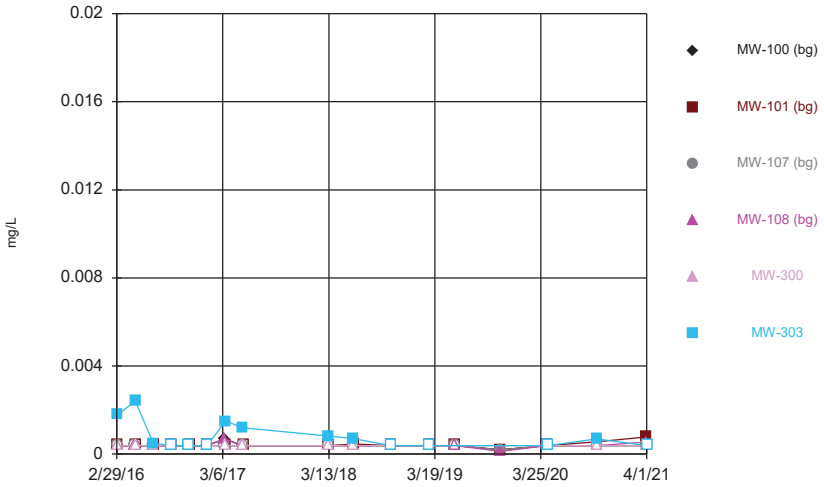
Time Series



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.

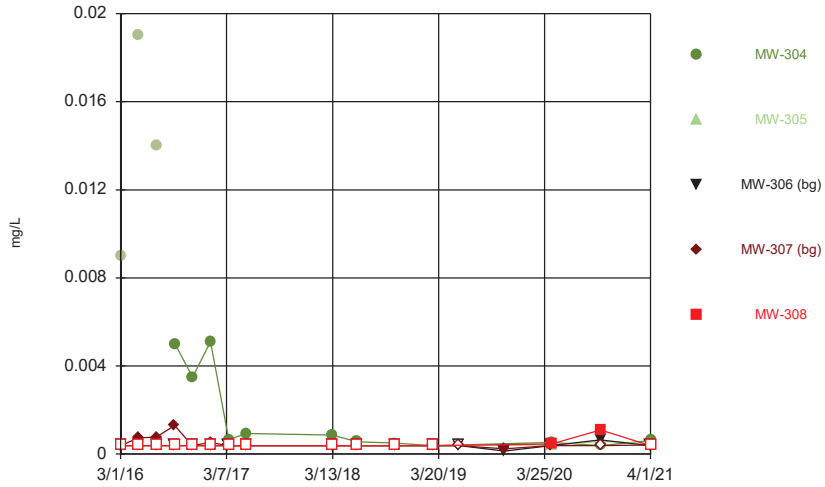
Time Series



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.

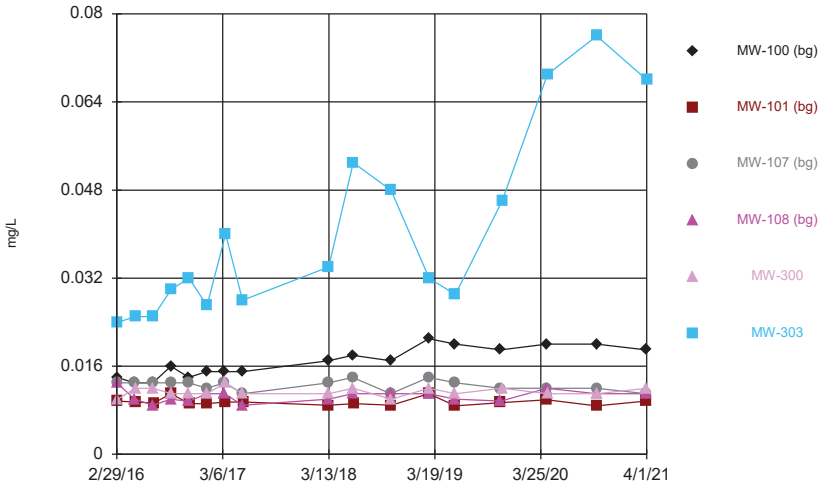
Time Series



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

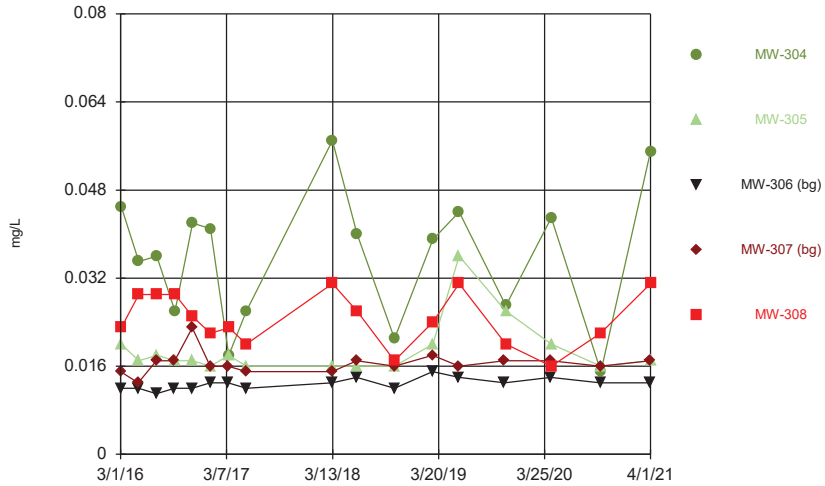
Time Series



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

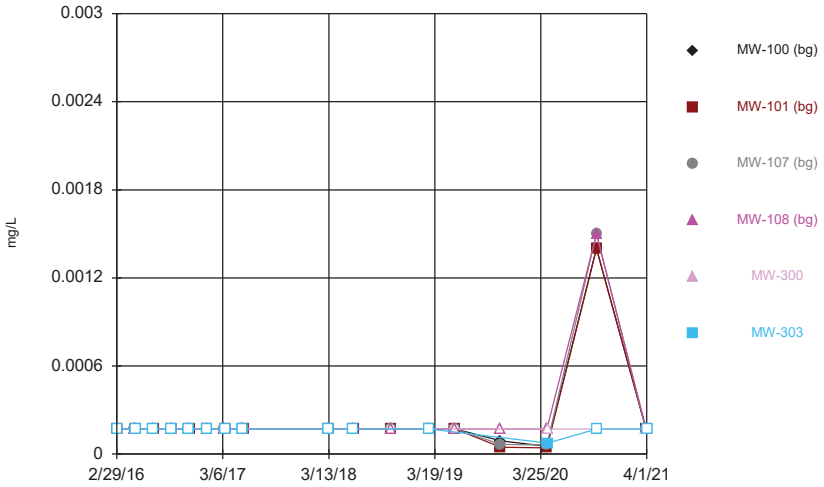
Time Series



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.

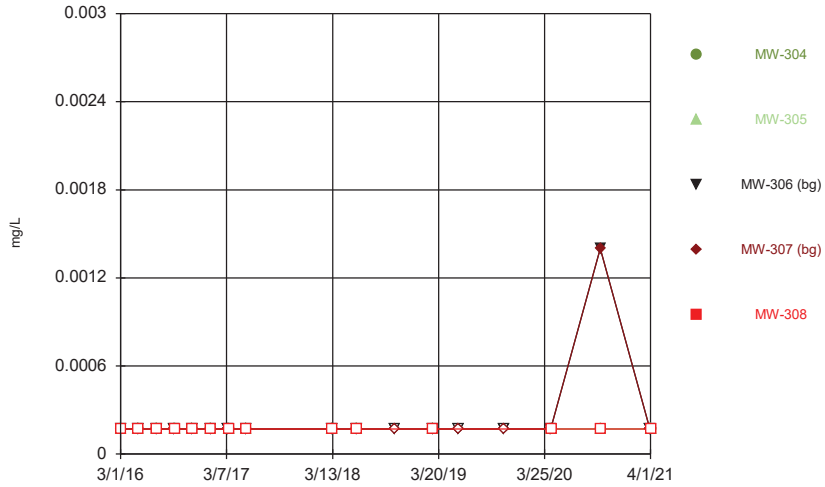
Time Series



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.

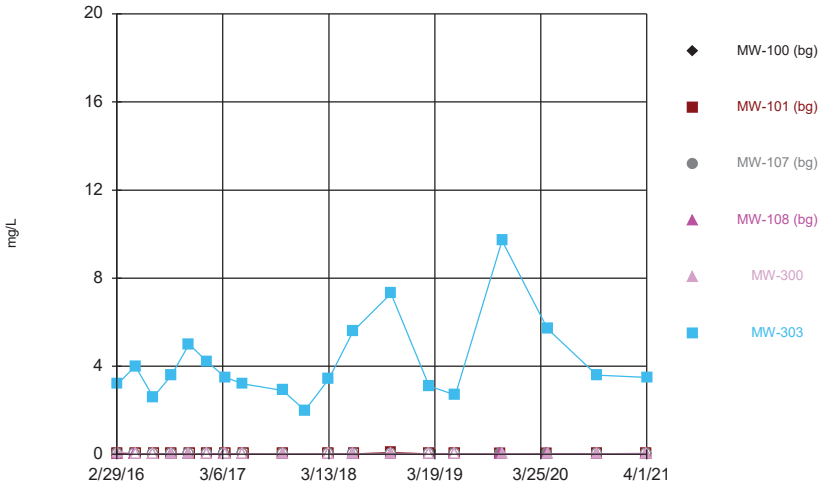
Time Series



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.

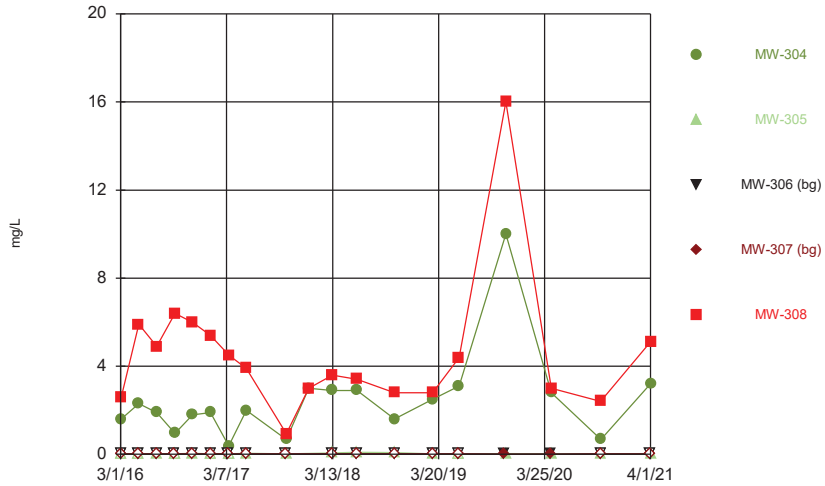
Time Series



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.

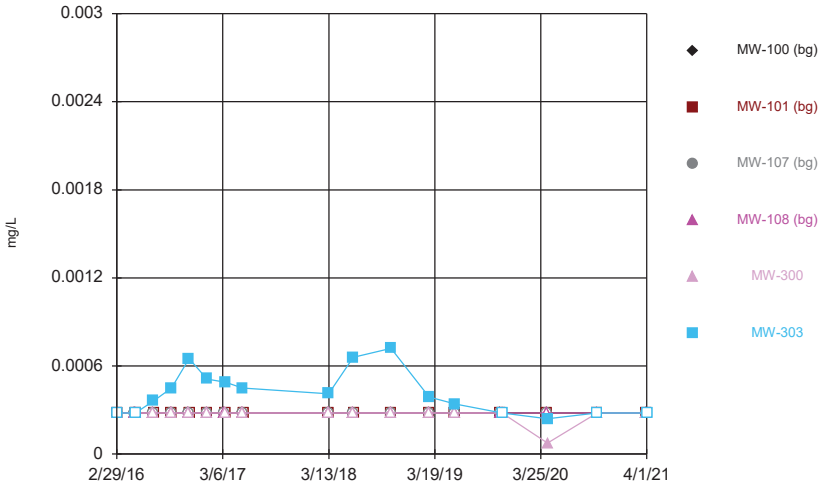
Time Series



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.

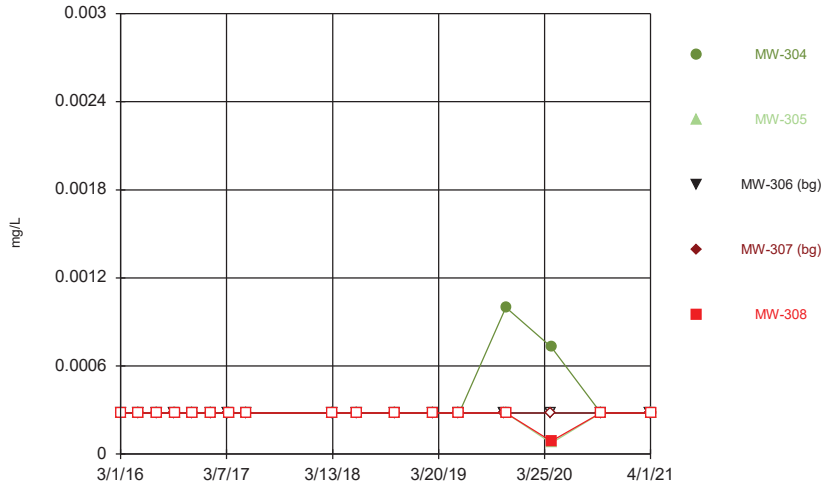
Time Series



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.

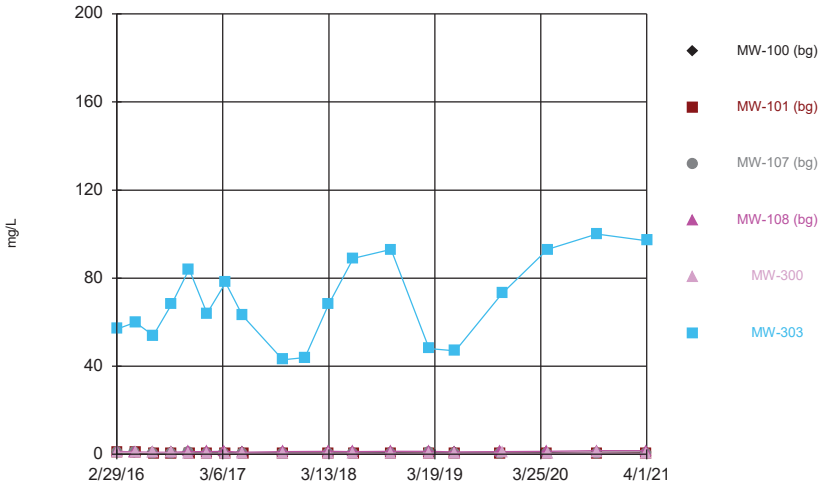
Time Series



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

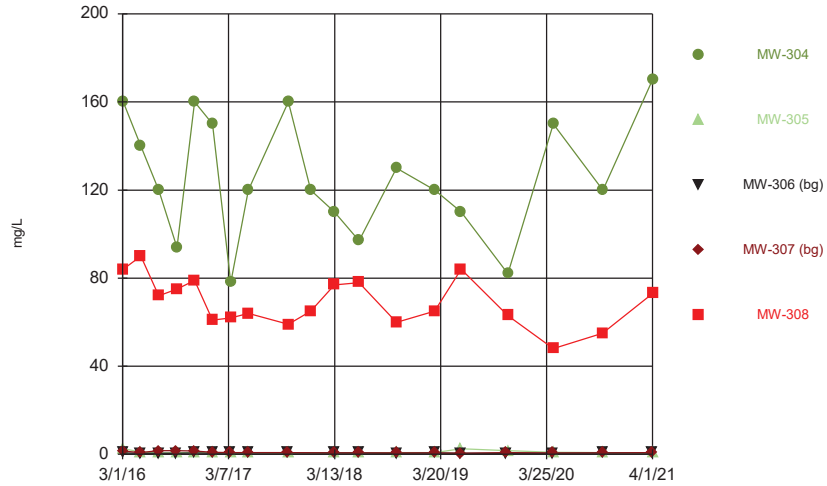
Time Series



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

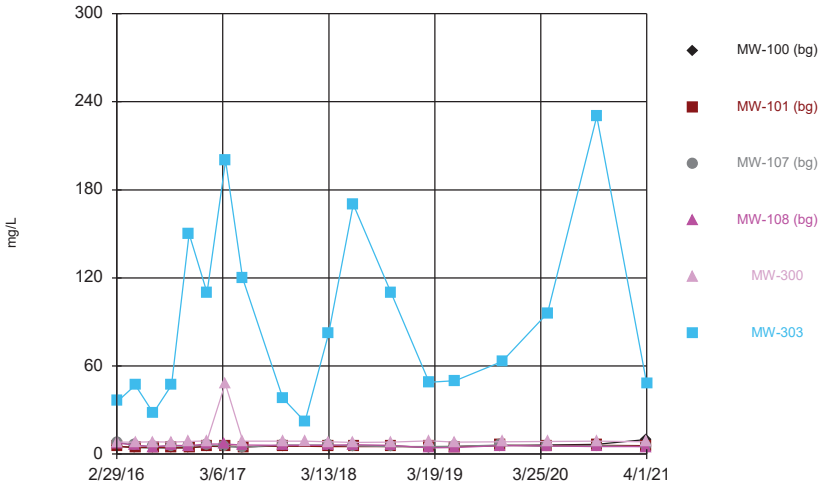
Time Series



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

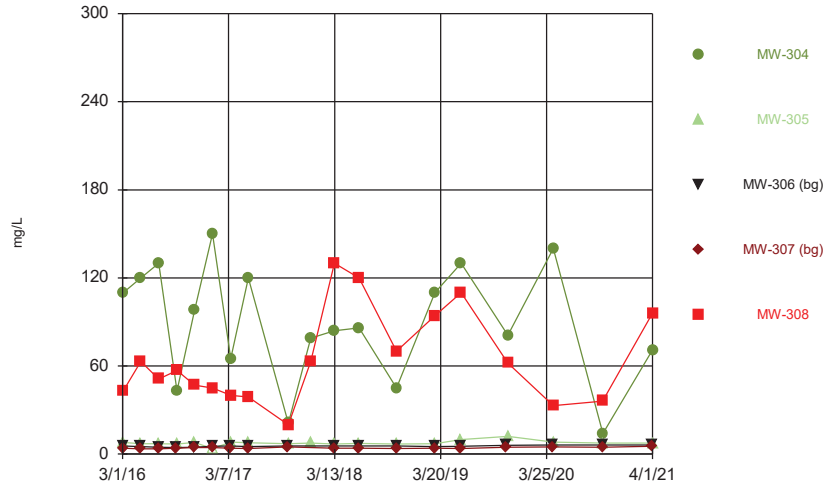
Time Series



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.

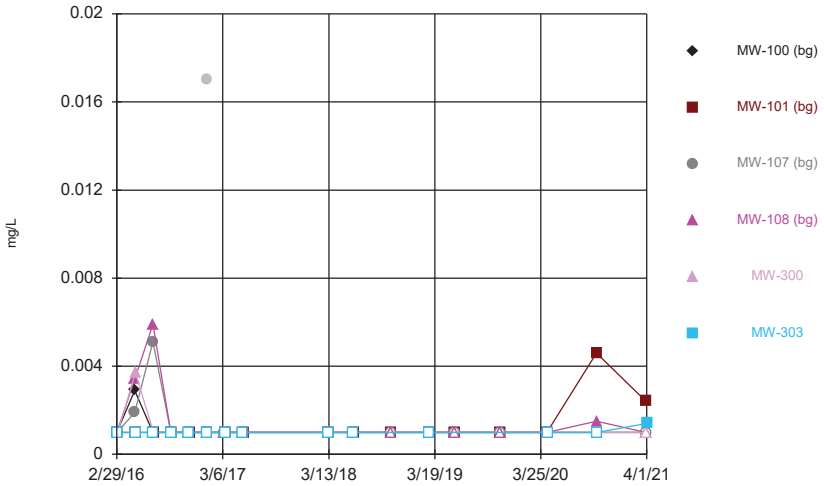
Time Series



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.

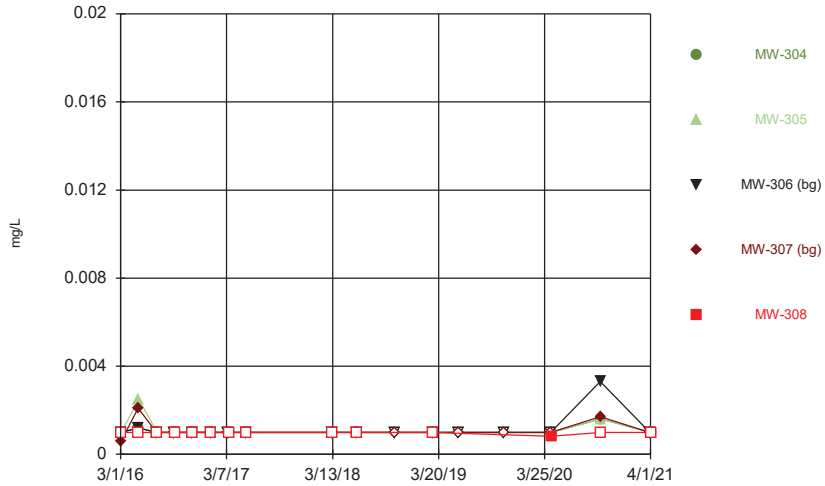
Time Series



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.

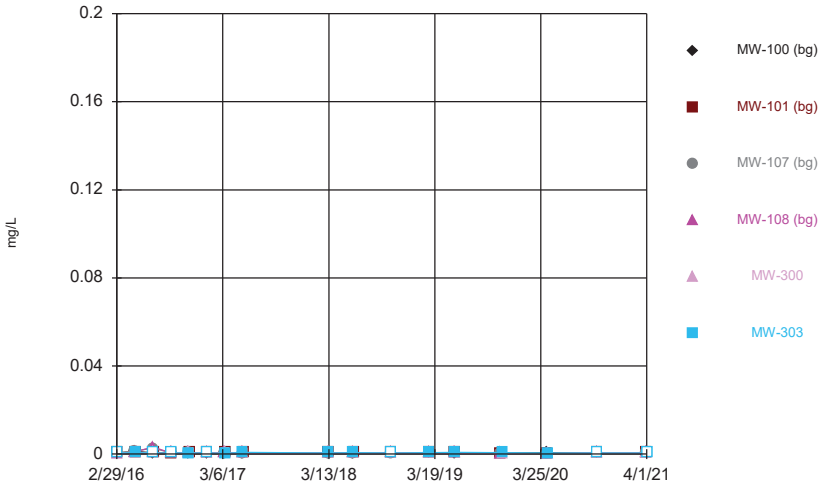
Time Series



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.

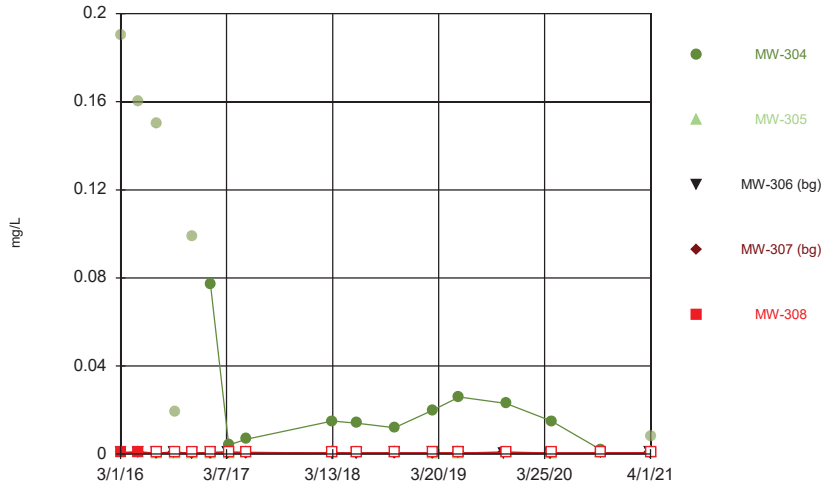
Time Series



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.

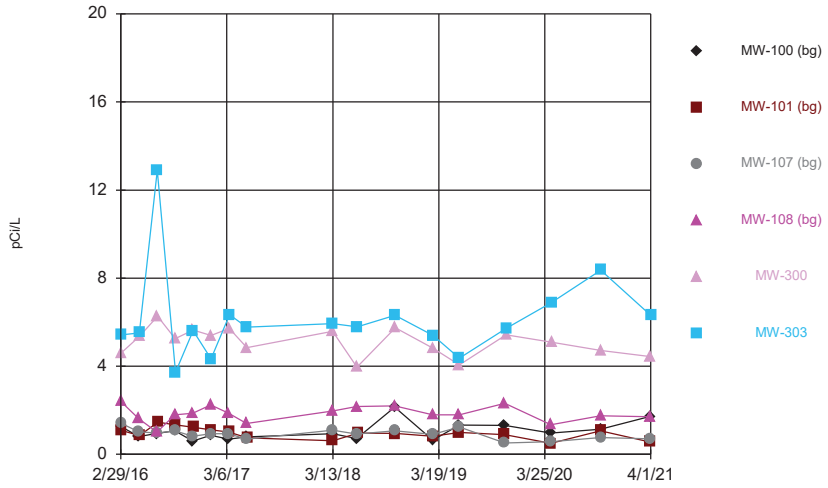
Time Series



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

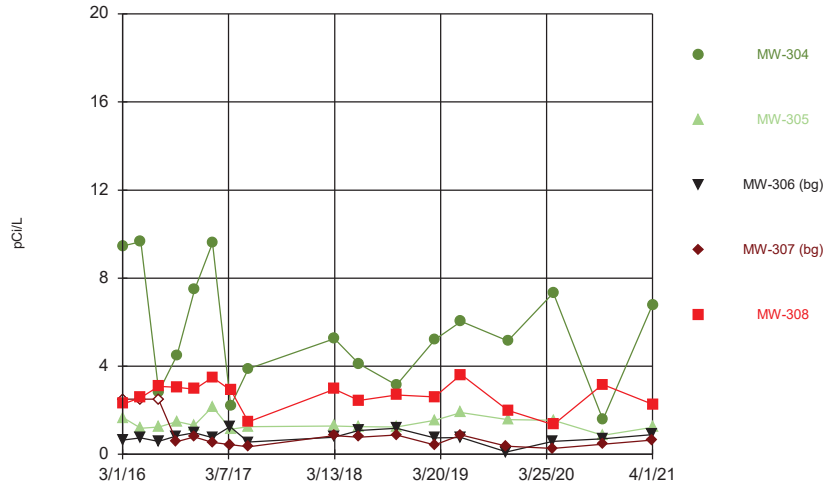
Time Series



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.

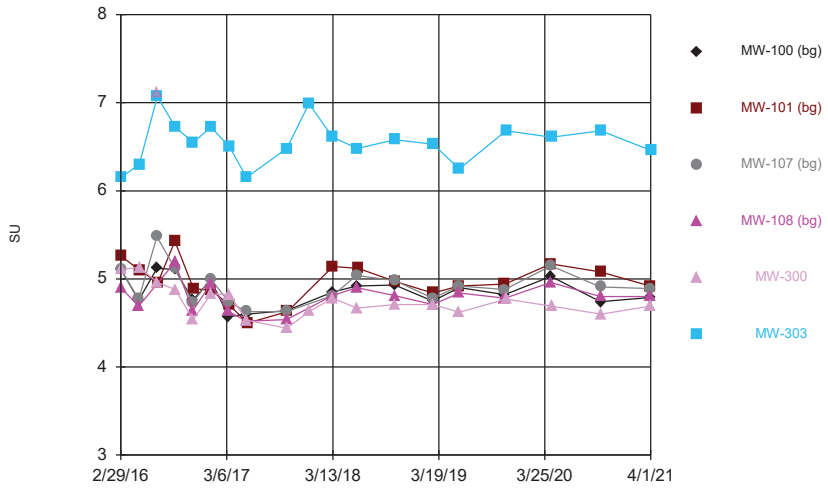
Time Series



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

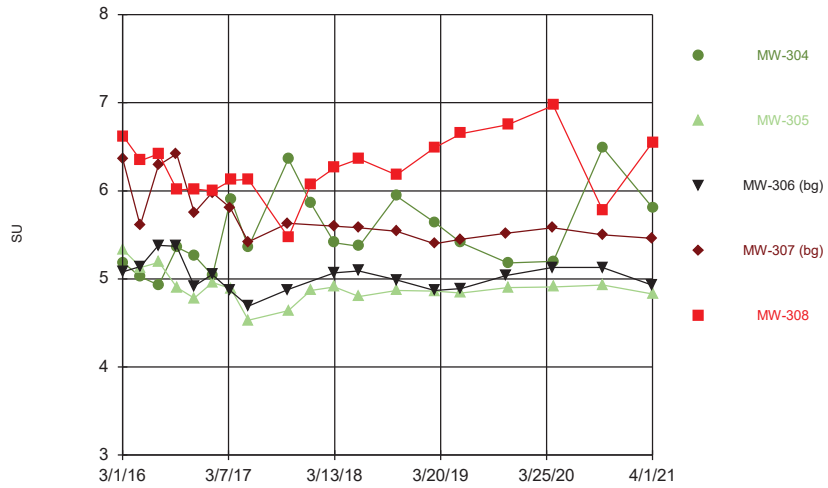
Time Series



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

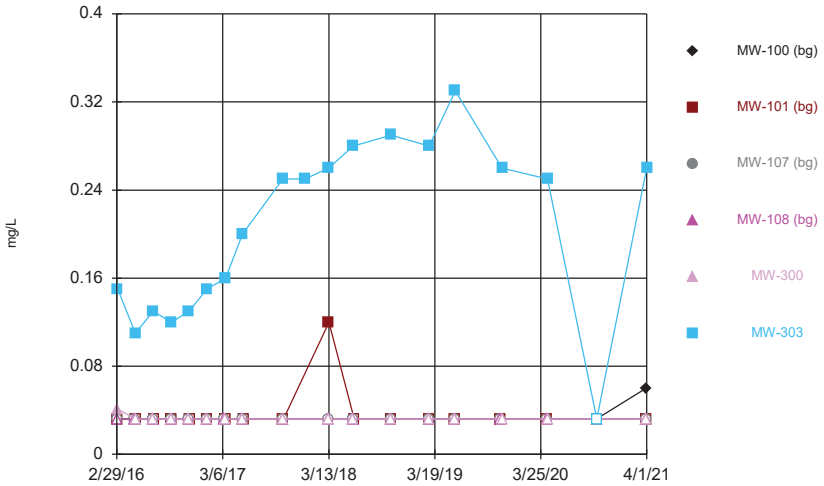
Time Series



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.

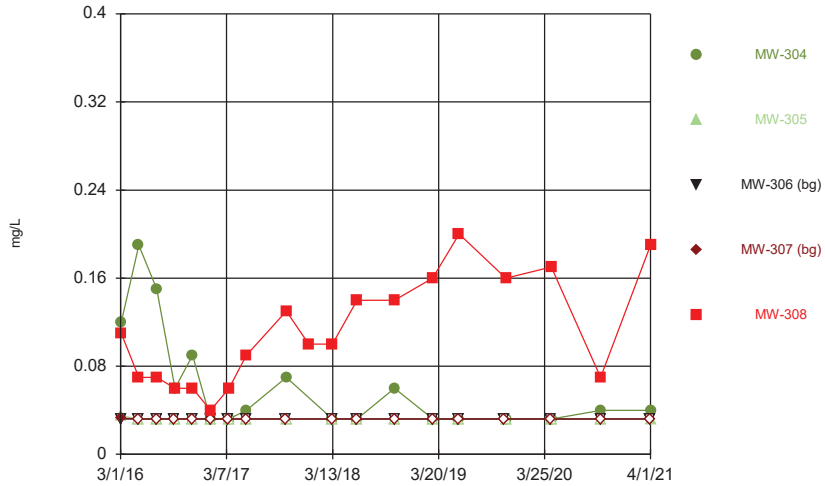
Time Series



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.

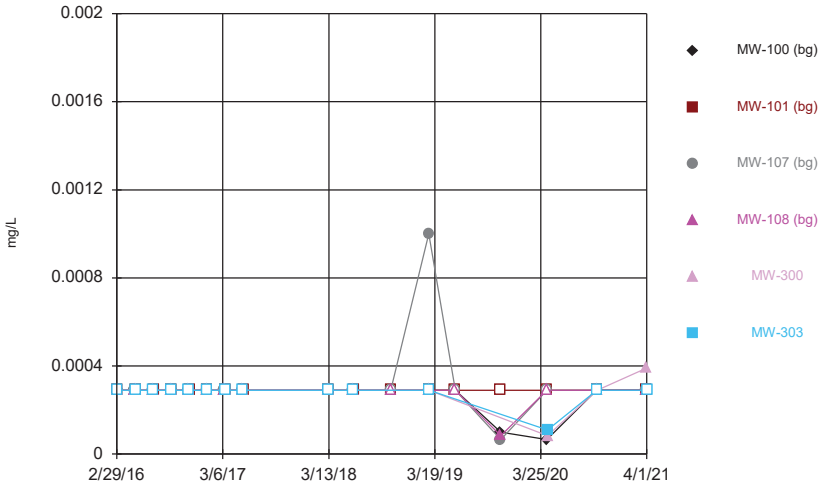
Time Series



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.

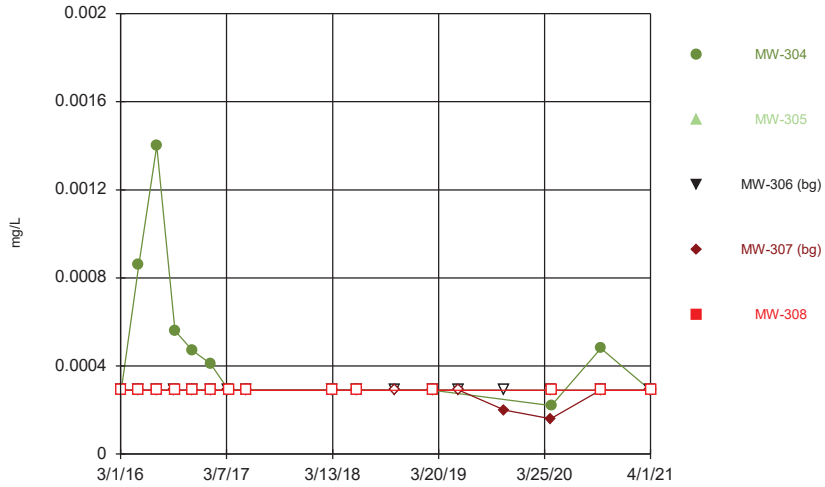
Time Series



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.

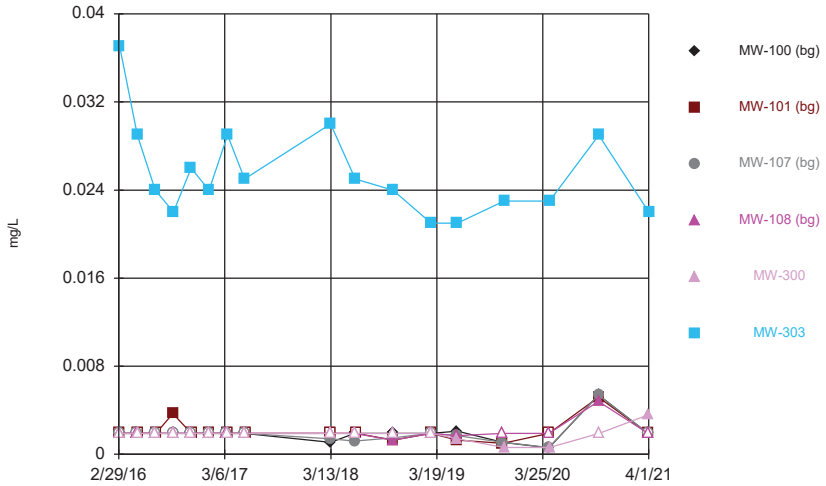
Time Series



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.

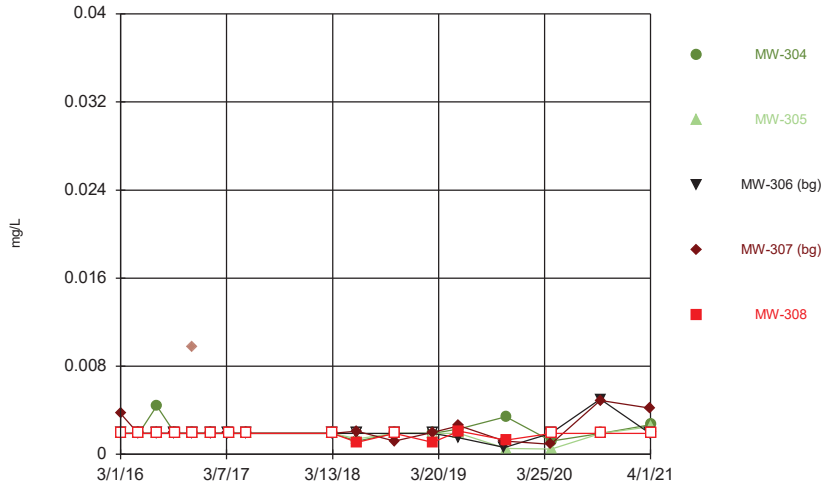
Time Series



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.

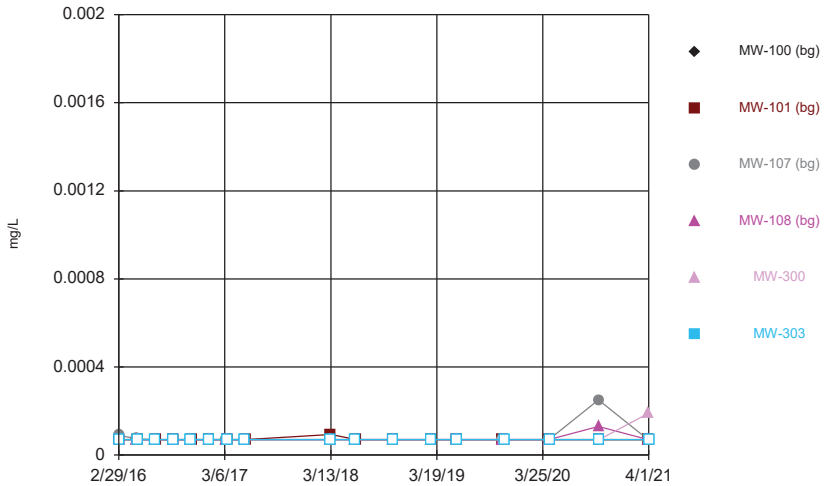
Time Series



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.

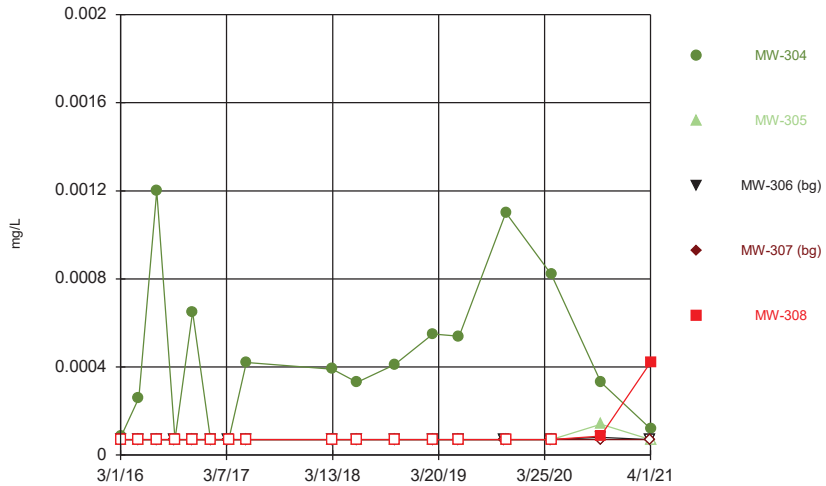
Time Series



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.

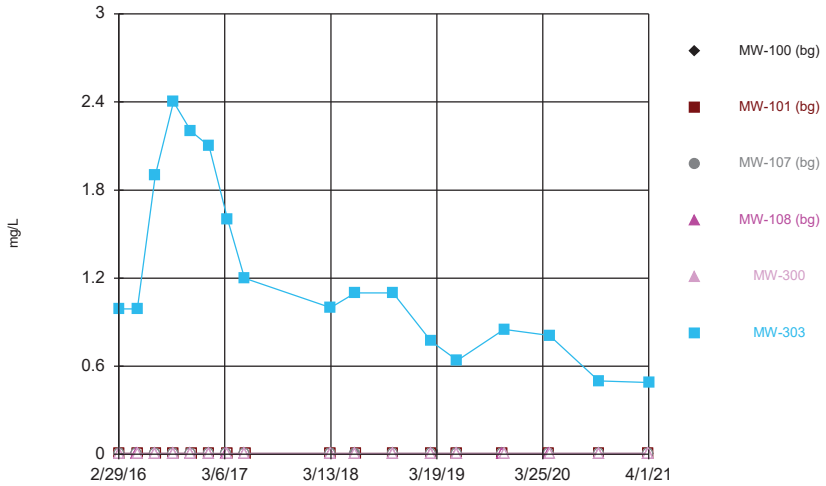
Time Series



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.

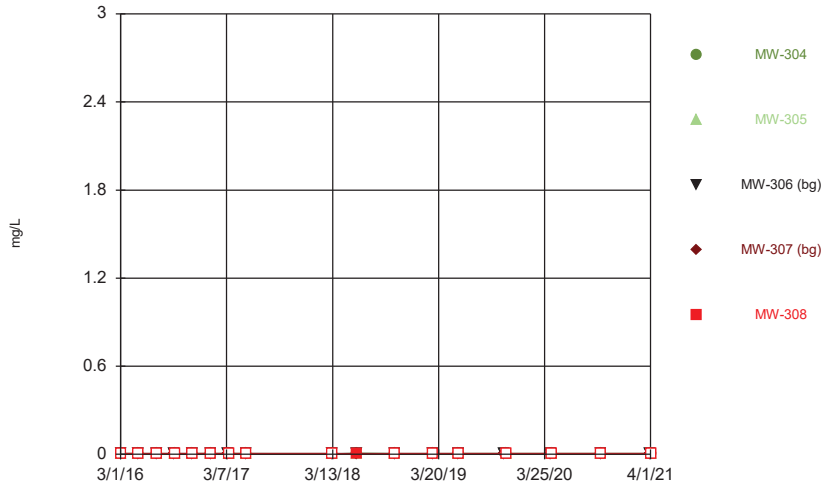
Time Series



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.

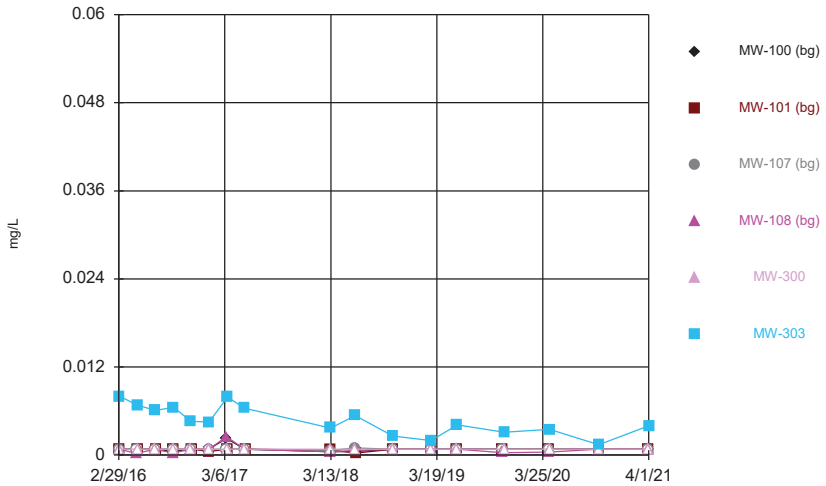
Time Series



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.

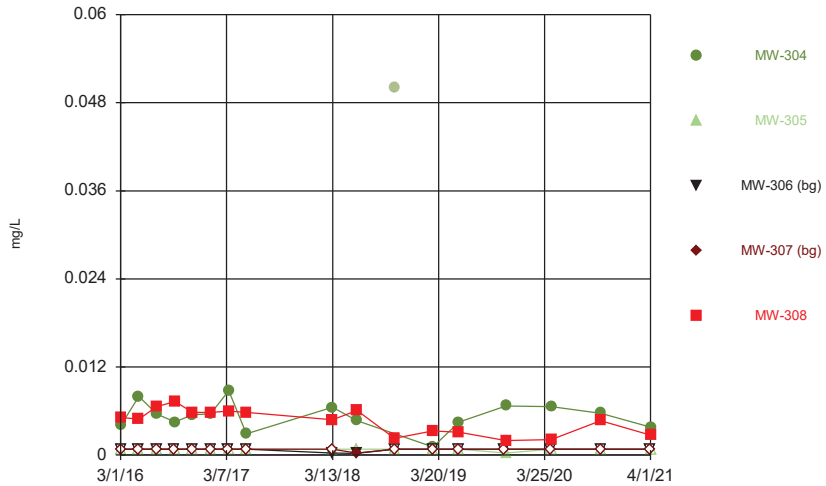
Time Series



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.

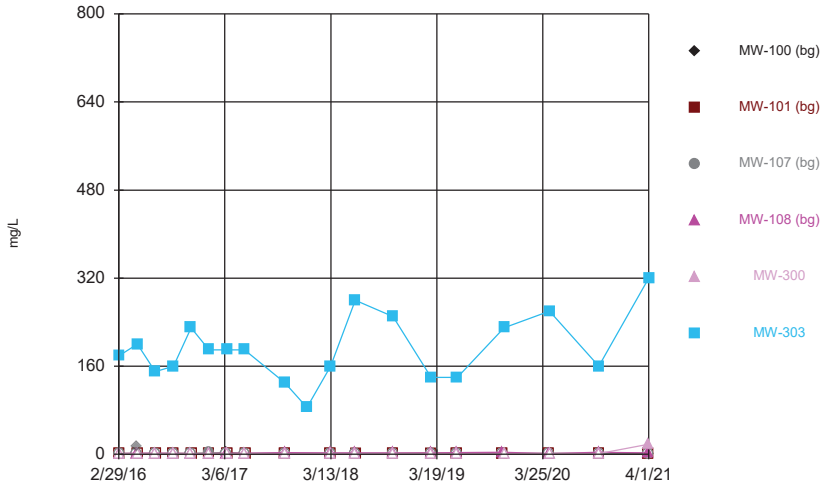
Time Series



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.

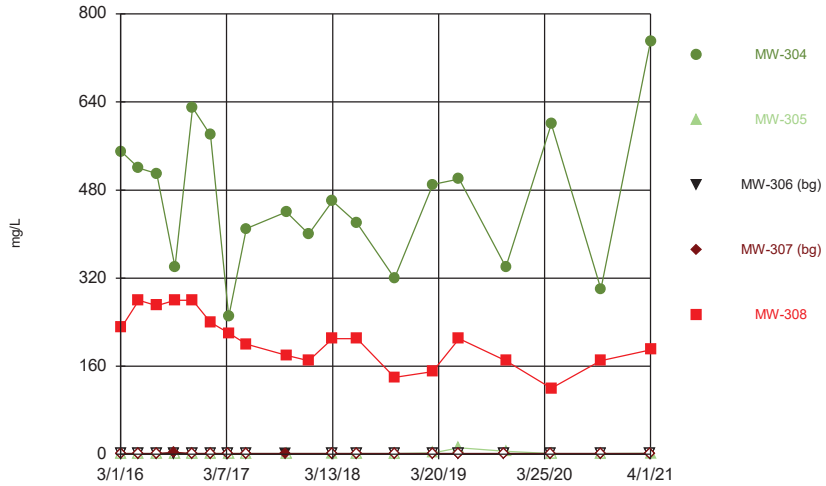
Time Series



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.

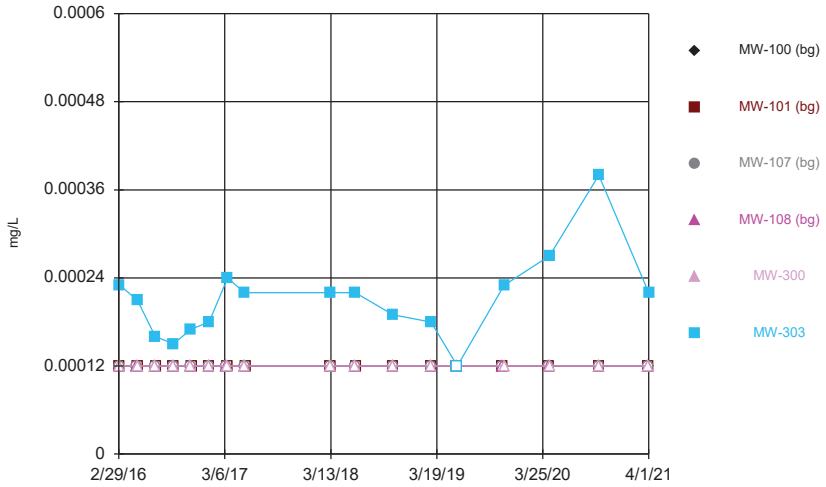
Time Series



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.

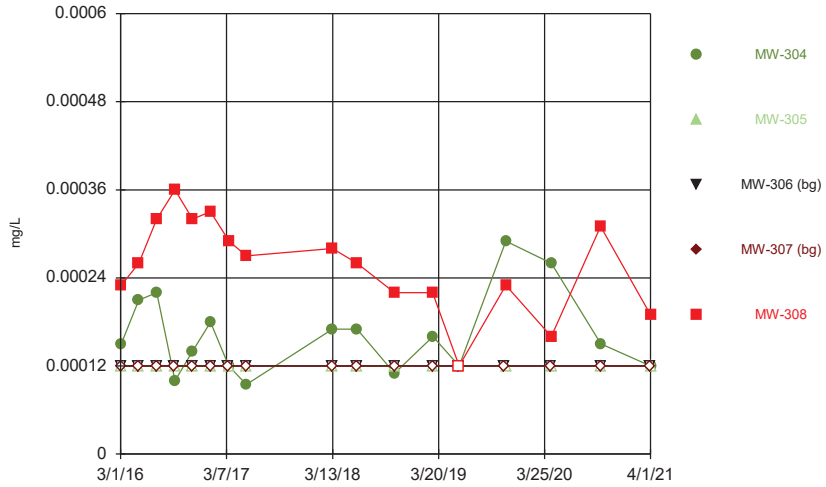
Time Series



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.

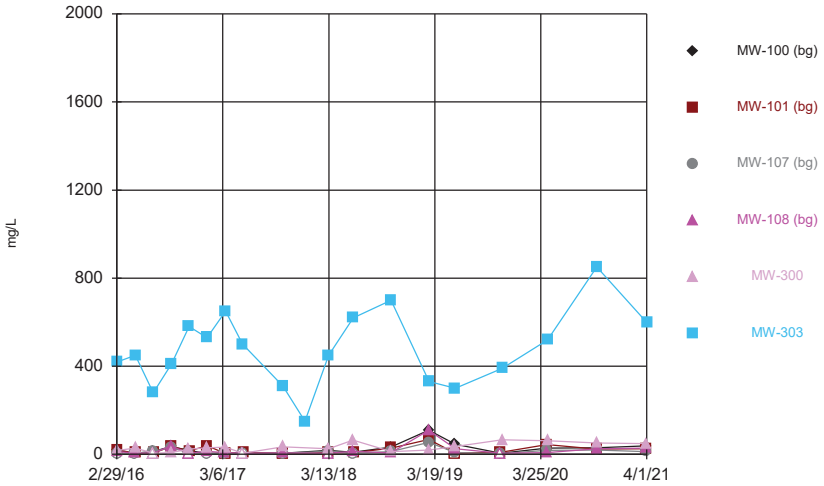
Time Series



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.

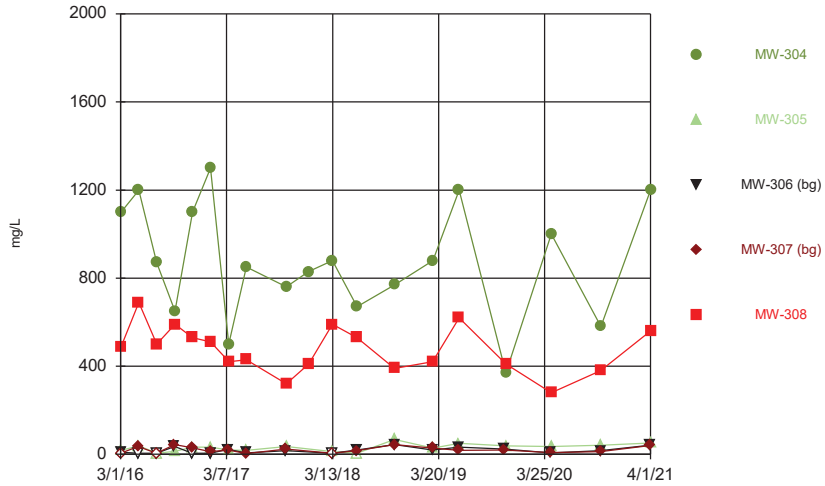
Time Series



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

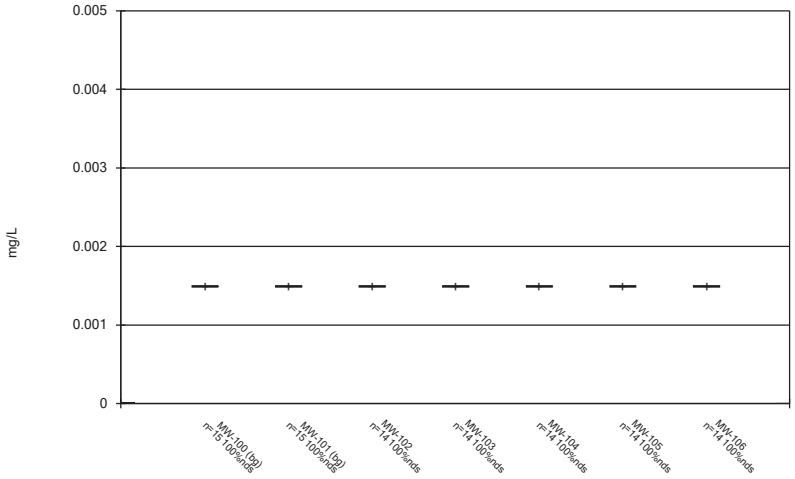
	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			10	<5	
3/3/2016	1100	18			490
5/2/2016				36	
5/3/2016			<5		
5/4/2016	1200	38			690
7/5/2016			<5	<5	
7/6/2016	870				500
7/7/2016		<5			
9/6/2016			36	44	
9/7/2016	650	14			590
11/7/2016		32	<5	30	
11/8/2016	1100				530
1/9/2017			<5	12	
1/10/2017	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

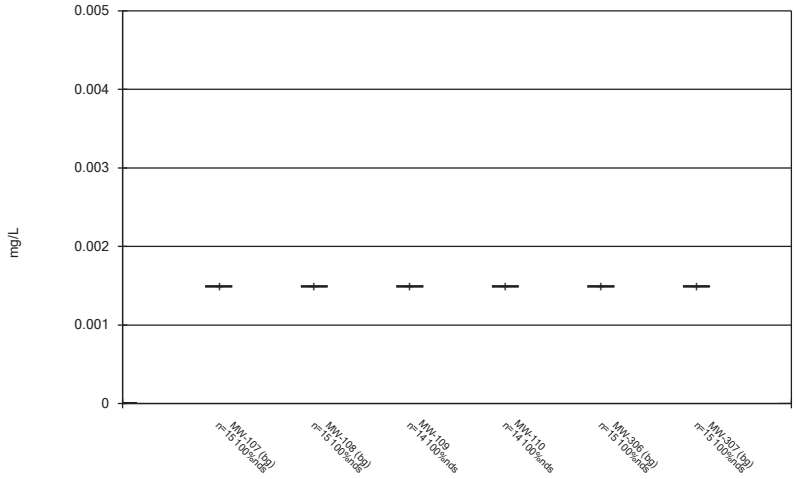
Box & Whiskers Plot



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

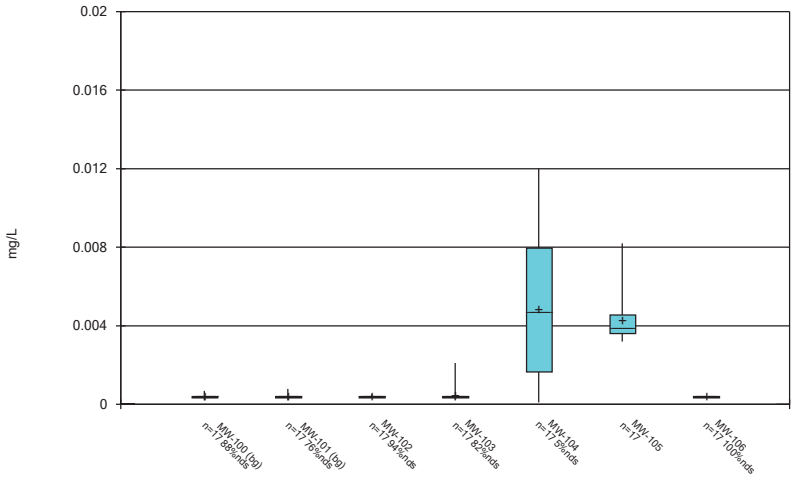
Box & Whiskers Plot



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

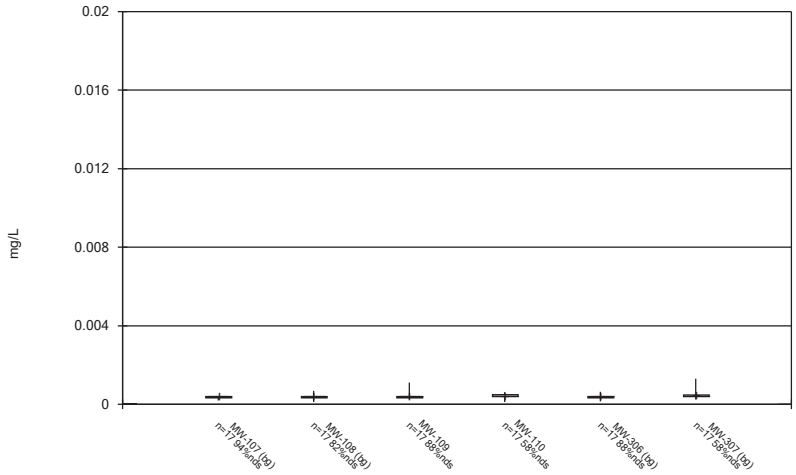
Box & Whiskers Plot



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

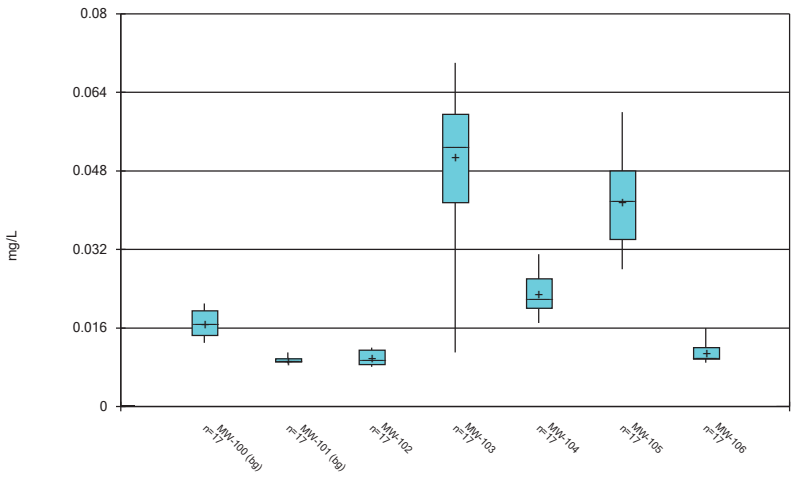
Box & Whiskers Plot



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

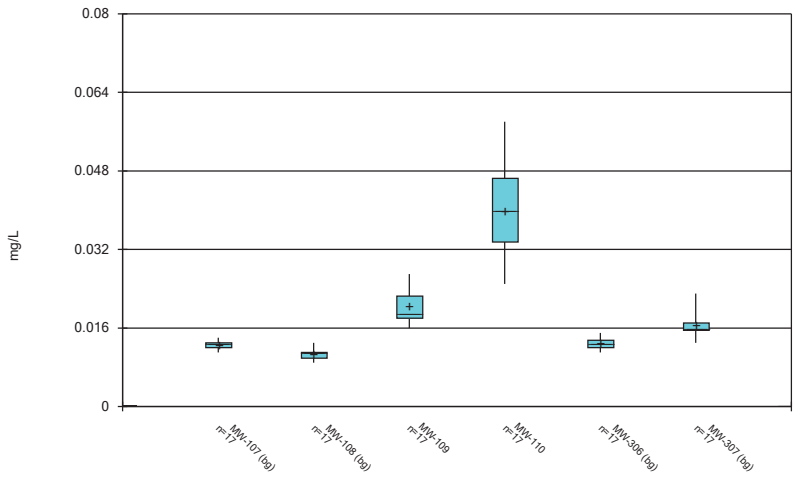
Box & Whiskers Plot



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

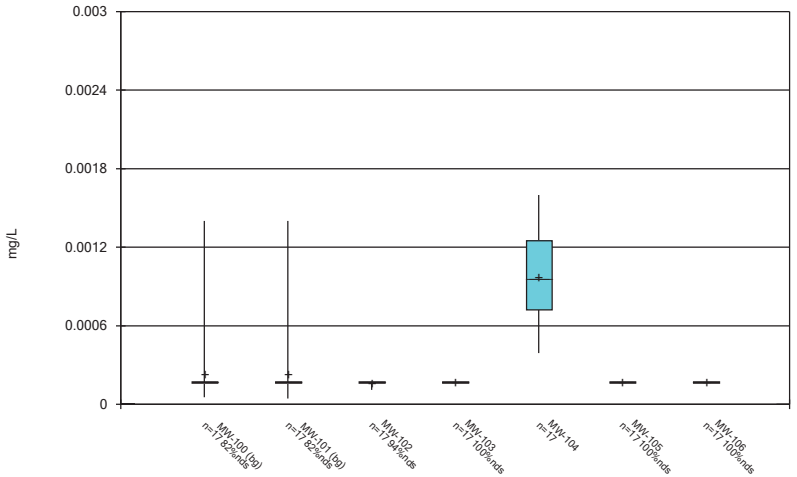
Box & Whiskers Plot



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

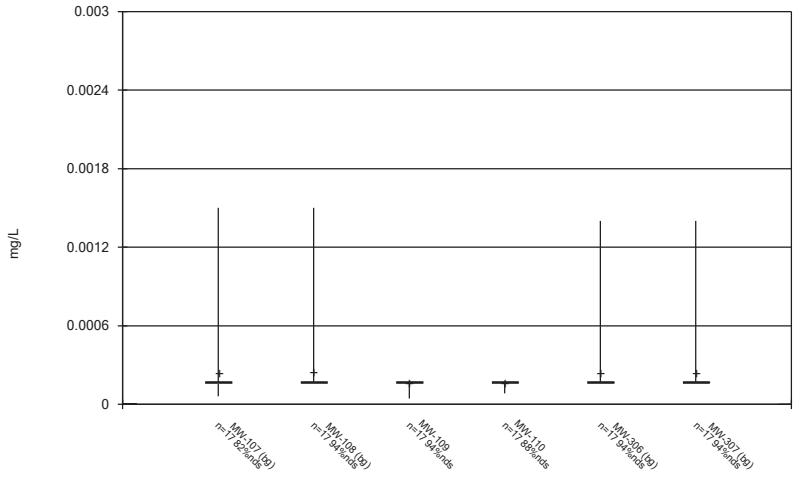
Box & Whiskers Plot



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

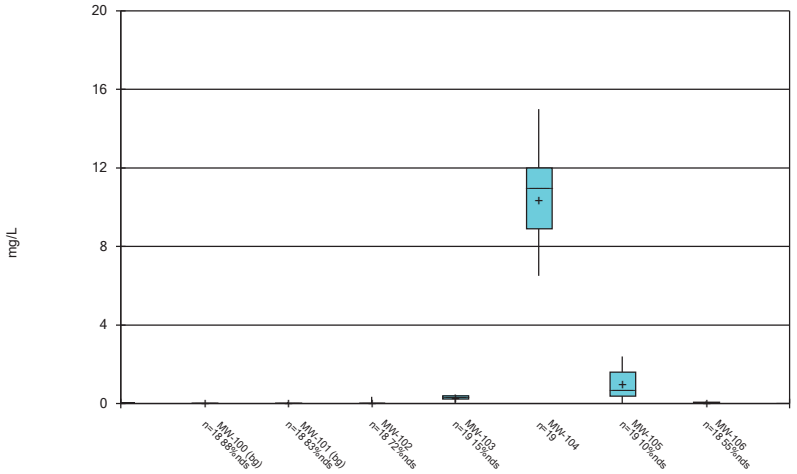
Sanitas™ v.9.6.28 . UG

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

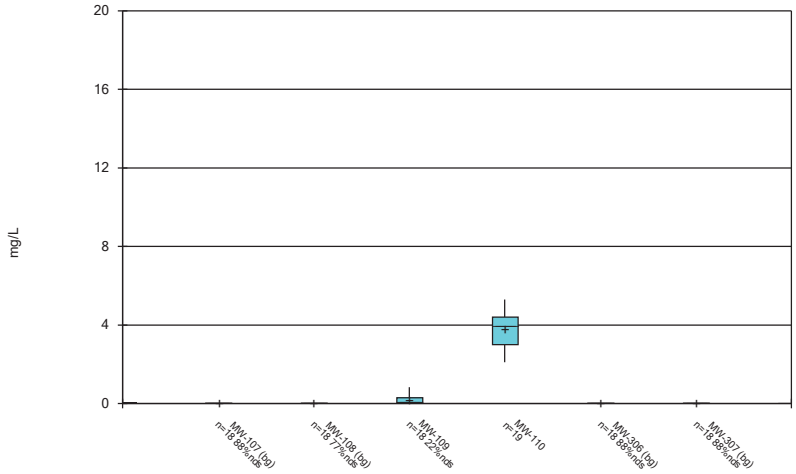
Box & Whiskers Plot



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

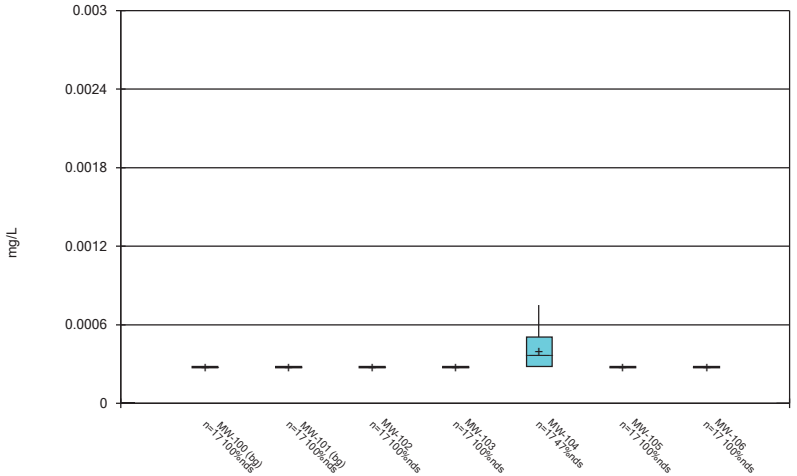
Box & Whiskers Plot



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

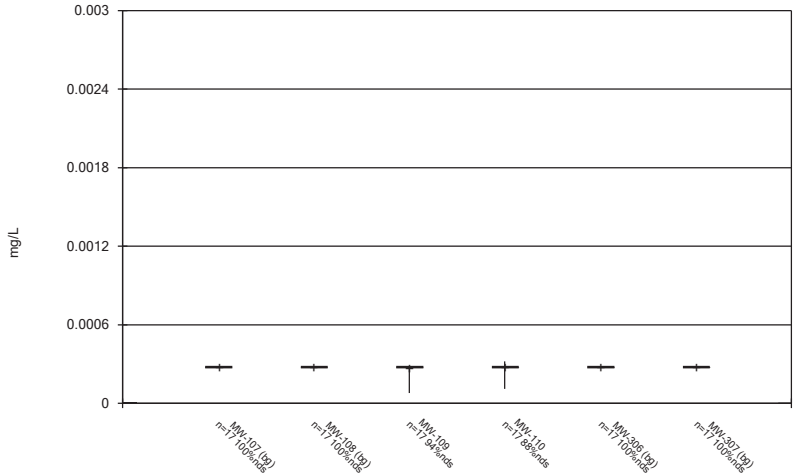
Box & Whiskers Plot



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

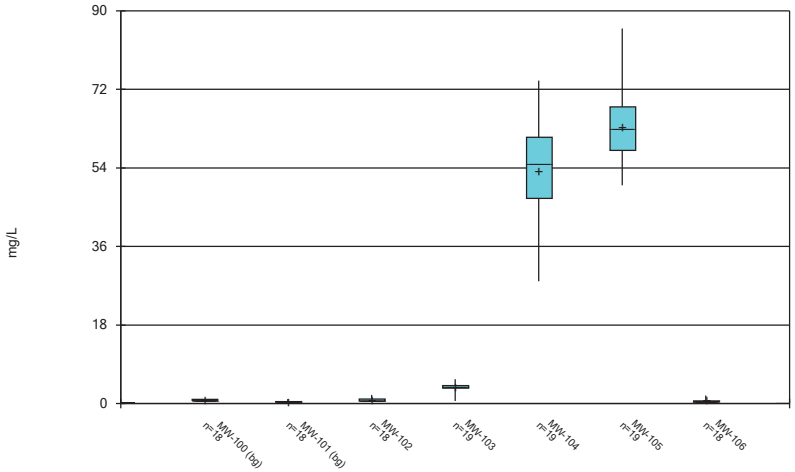
Box & Whiskers Plot



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

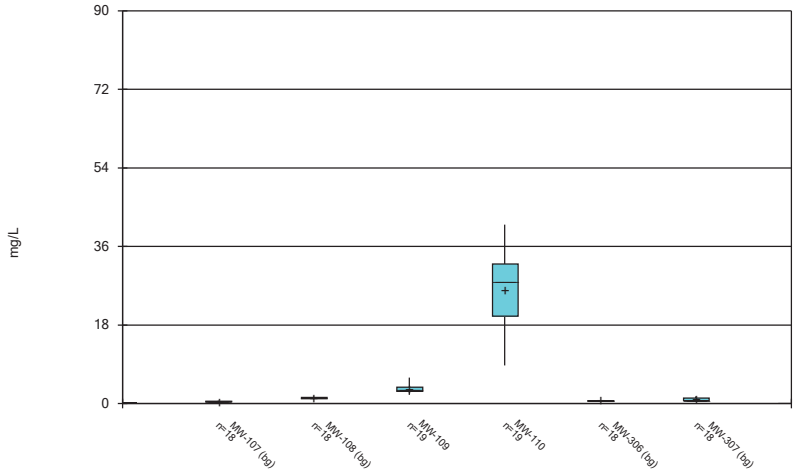
Box & Whiskers Plot



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

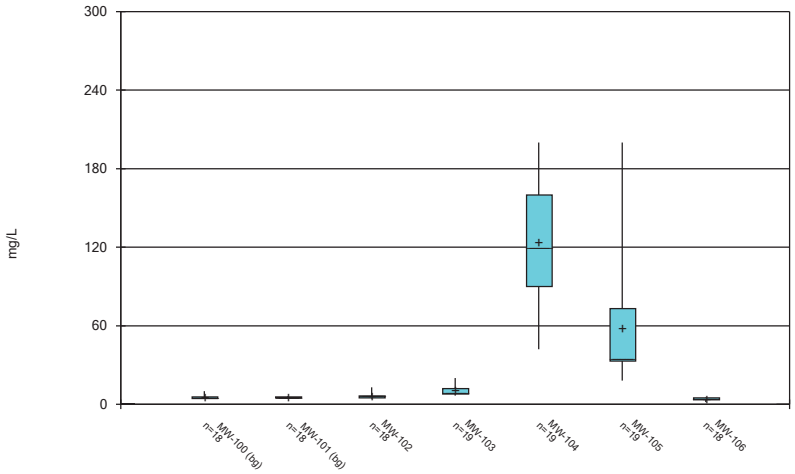
Box & Whiskers Plot



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

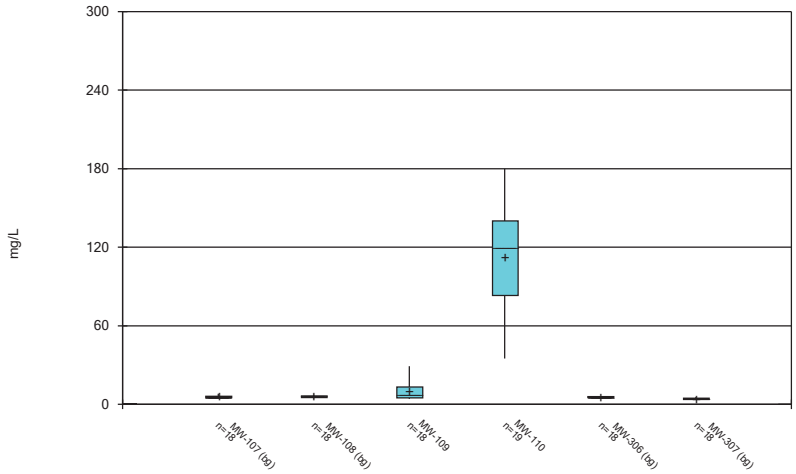
Box & Whiskers Plot



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

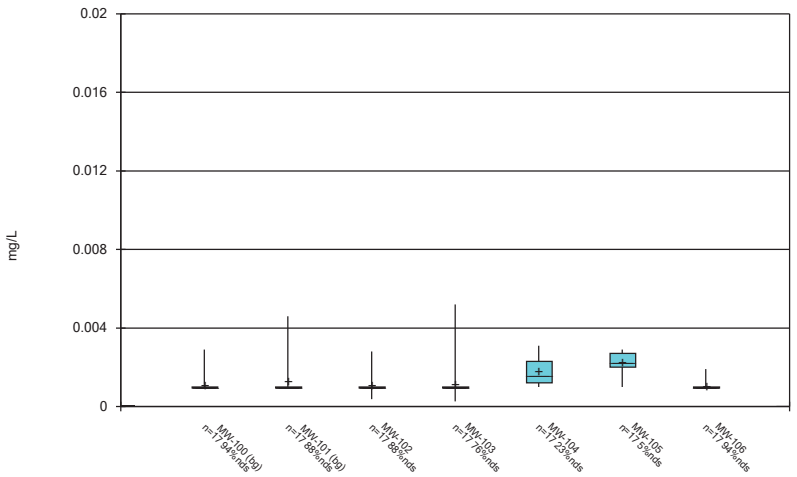
Box & Whiskers Plot



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

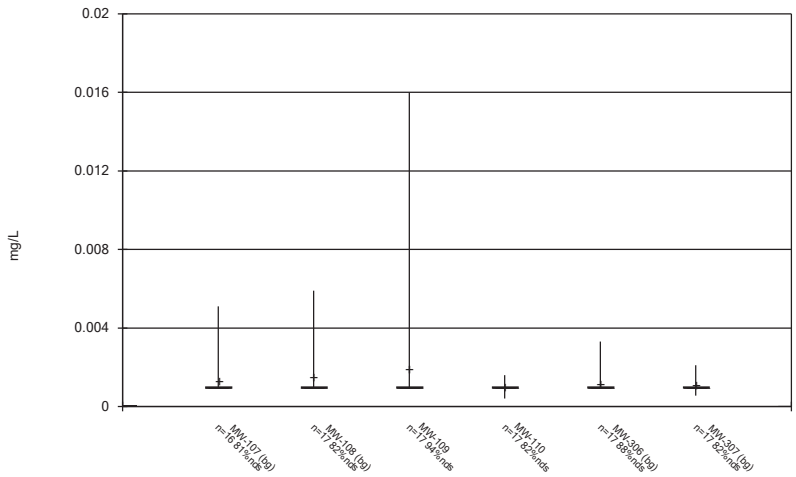
Box & Whiskers Plot



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

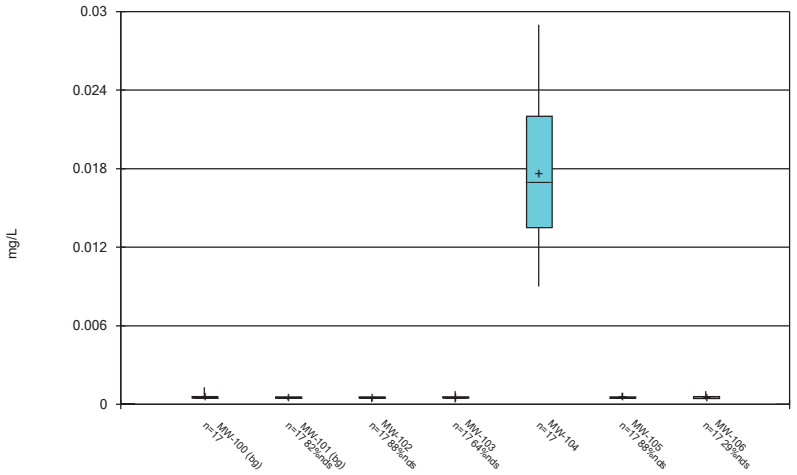
Box & Whiskers Plot



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

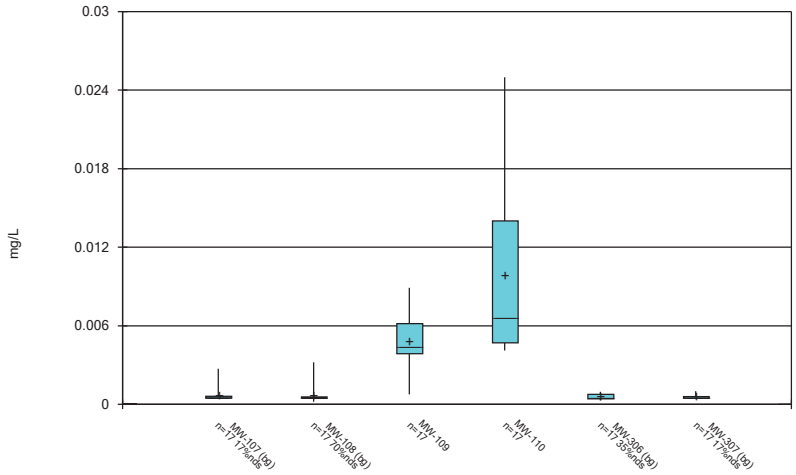
Box & Whiskers Plot



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

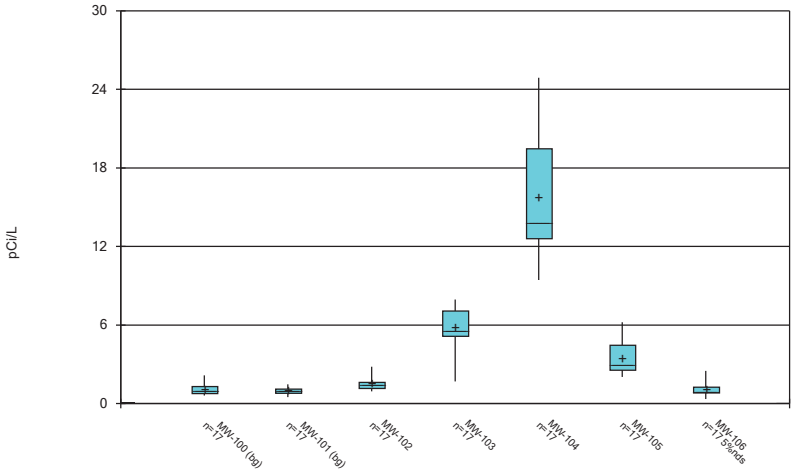
Box & Whiskers Plot



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

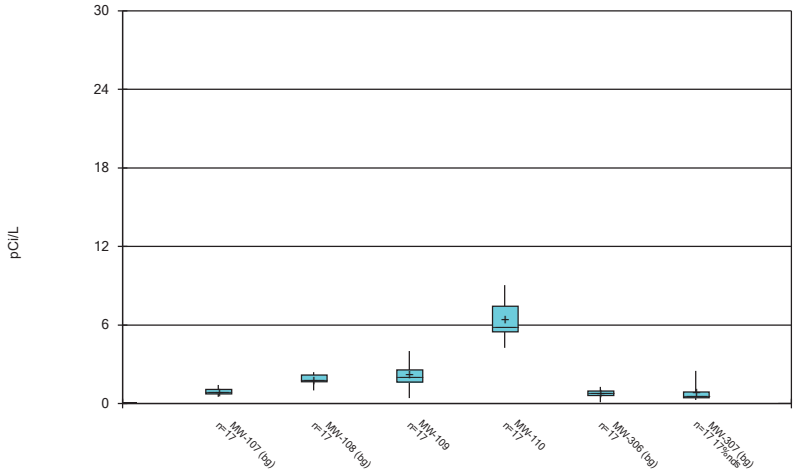
Box & Whiskers Plot



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

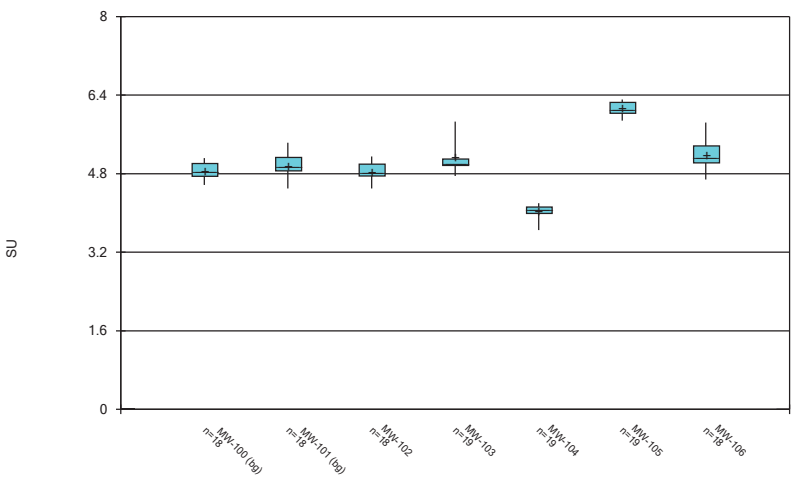
Box & Whiskers Plot



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

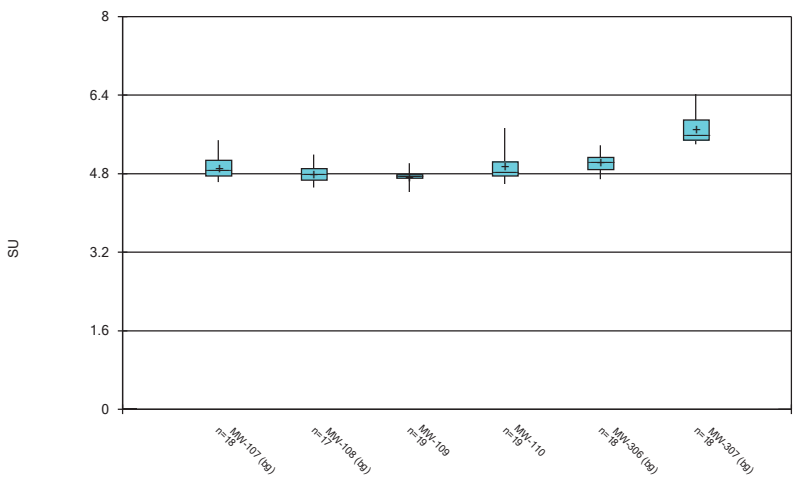
Box & Whiskers Plot



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

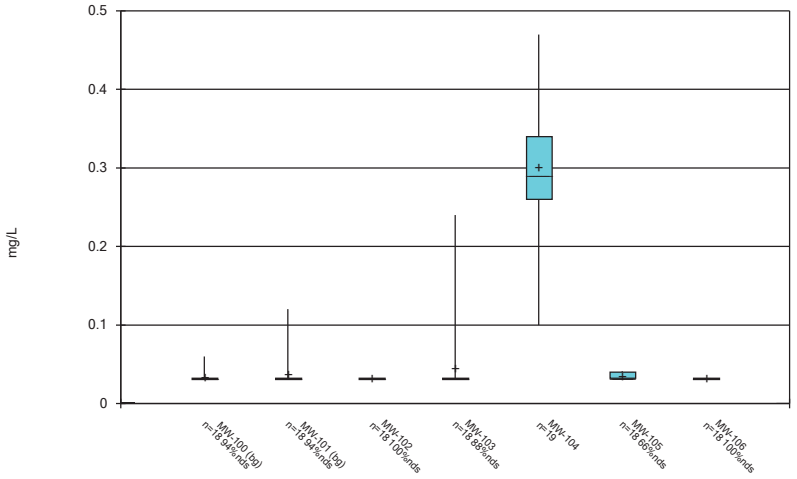
Box & Whiskers Plot



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

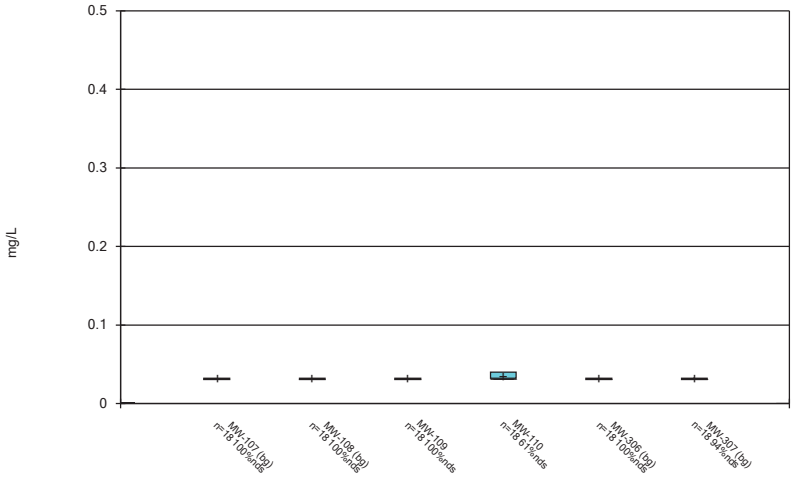
Box & Whiskers Plot



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

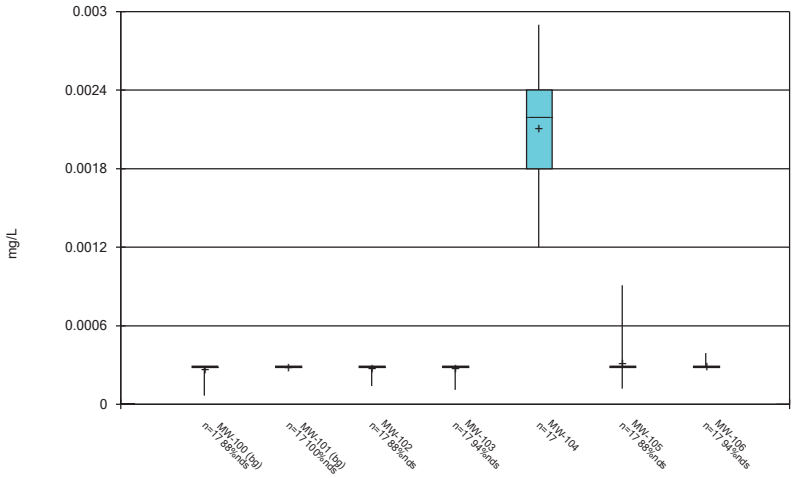
Box & Whiskers Plot



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

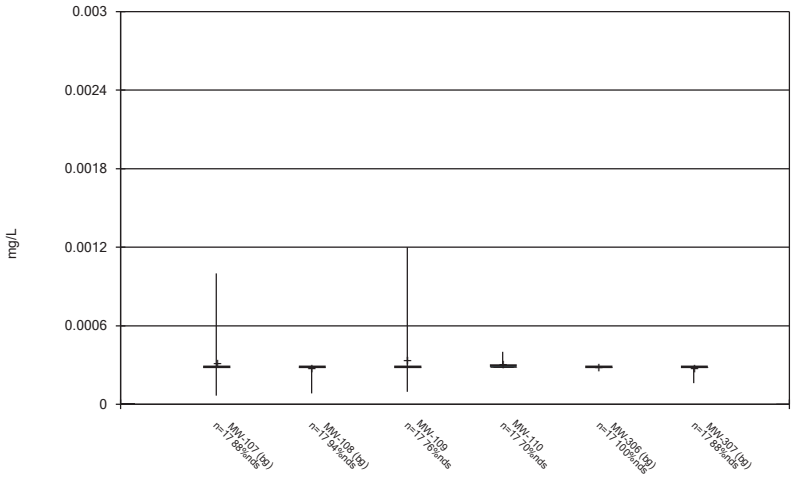
Box & Whiskers Plot



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

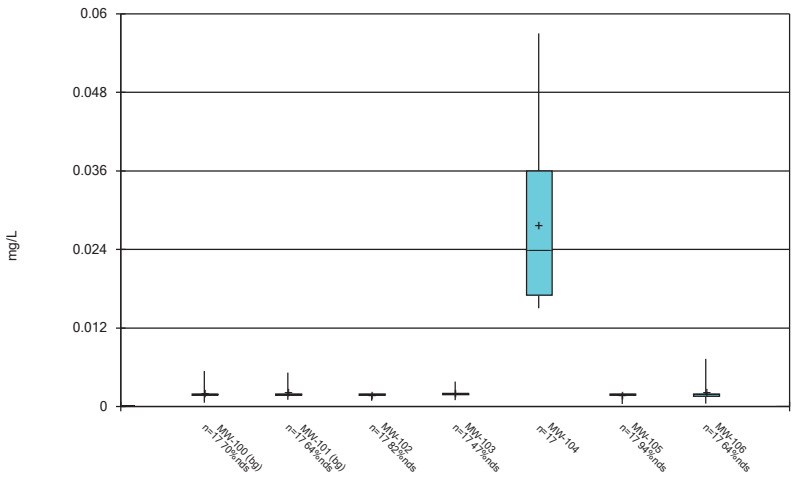
Box & Whiskers Plot



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

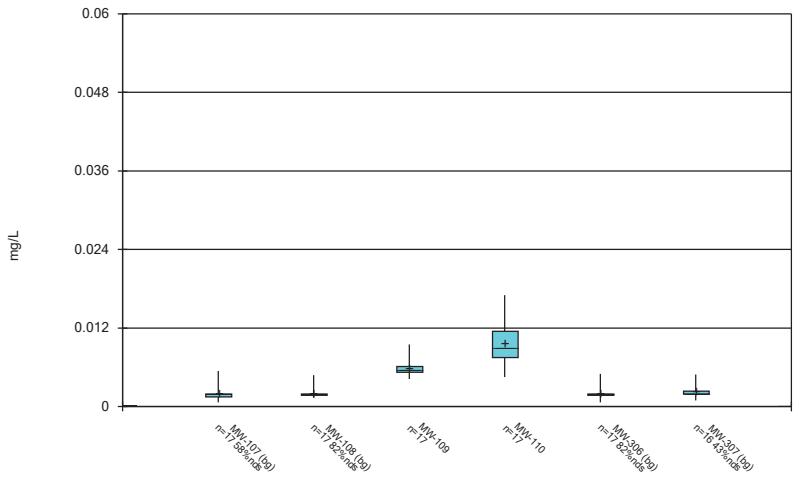
Box & Whiskers Plot



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

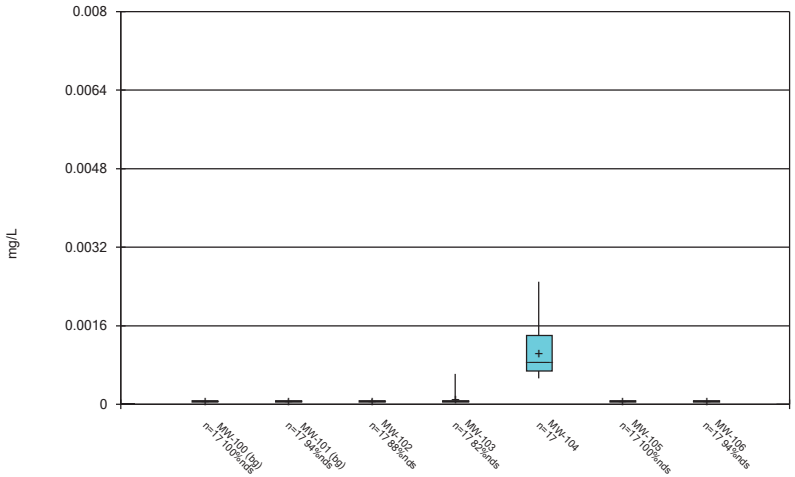
Box & Whiskers Plot



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

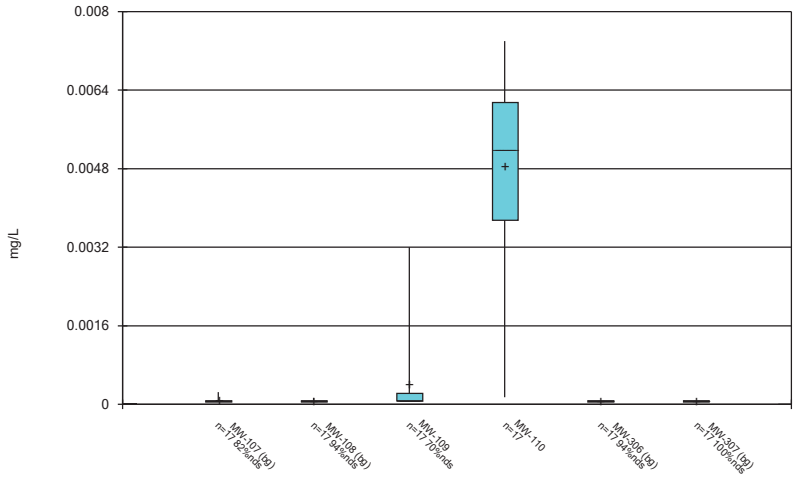
Box & Whiskers Plot



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

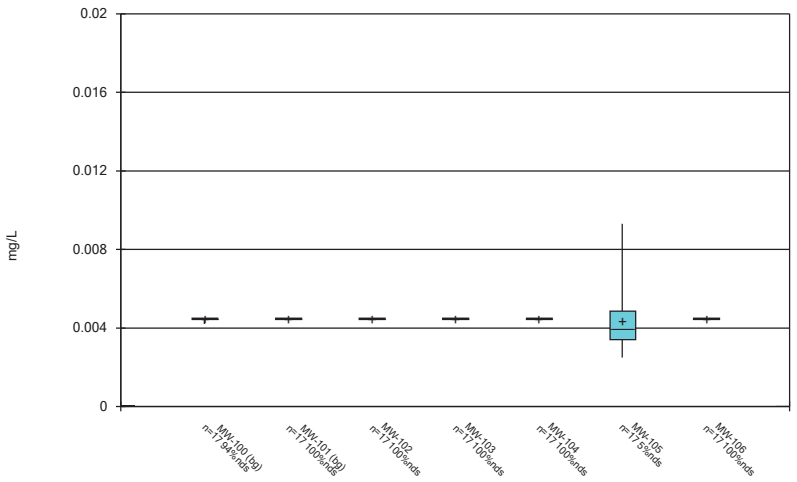
Box & Whiskers Plot



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

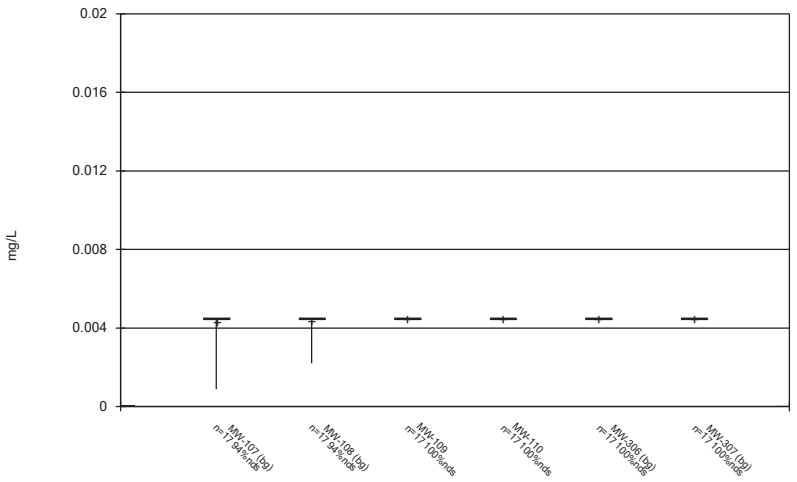
Box & Whiskers Plot



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

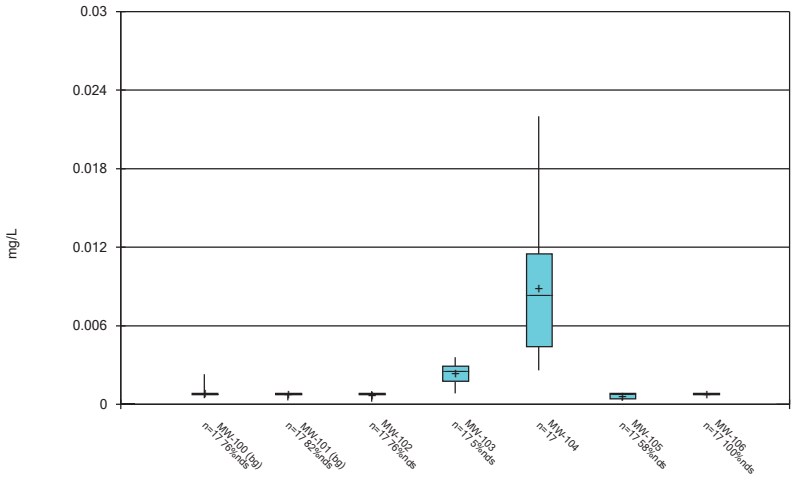
Box & Whiskers Plot



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

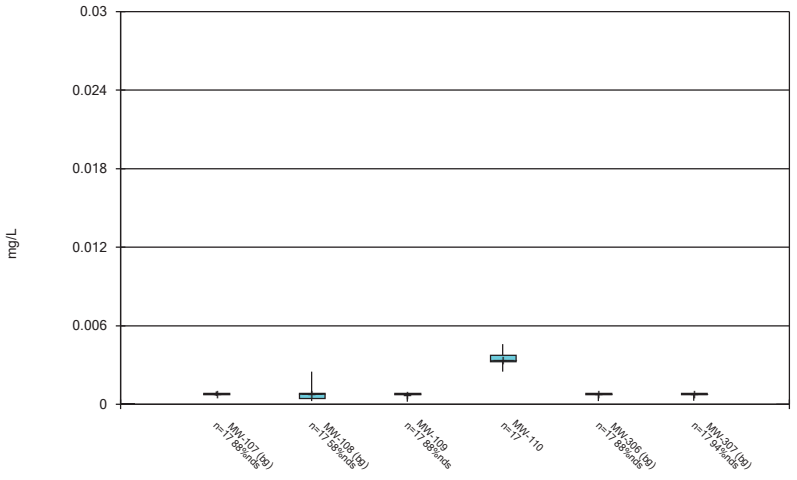
Box & Whiskers Plot



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

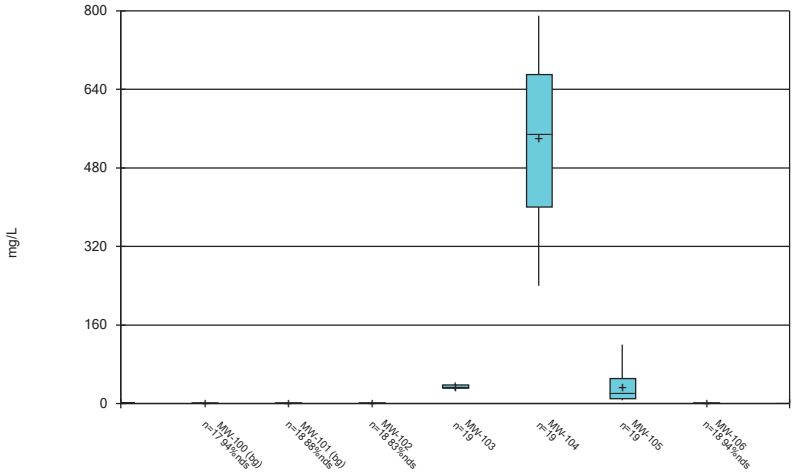
Box & Whiskers Plot



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

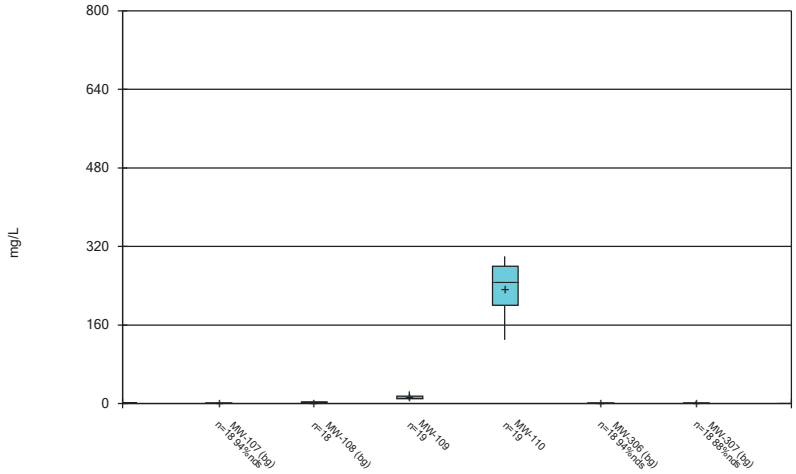
Box & Whiskers Plot



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

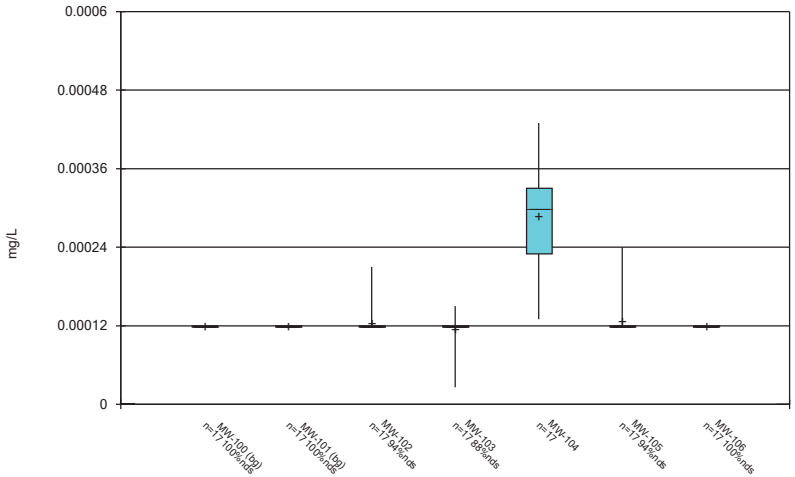
Box & Whiskers Plot



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

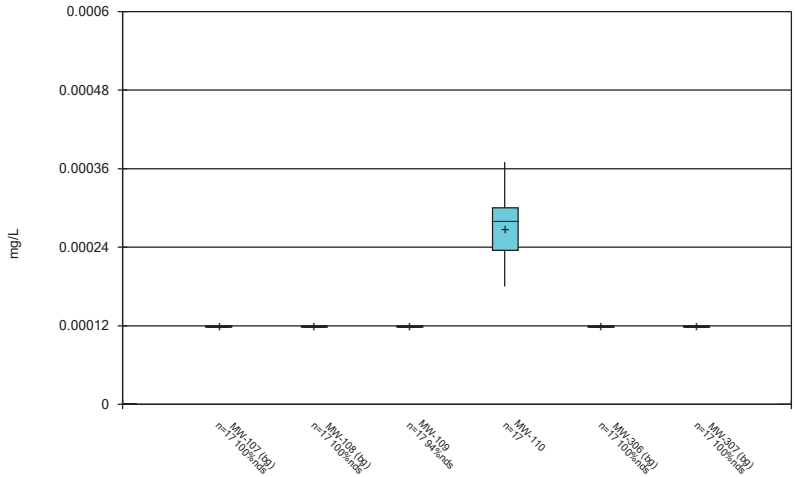
Box & Whiskers Plot



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

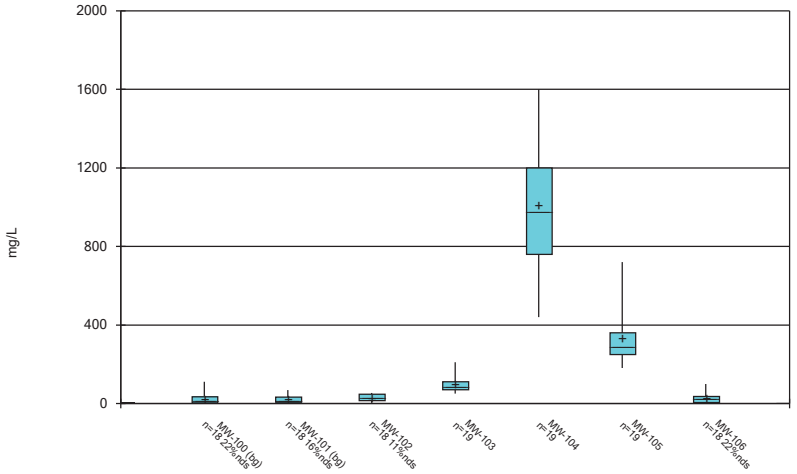
Sanitas™ v.9.6.28 . UG

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

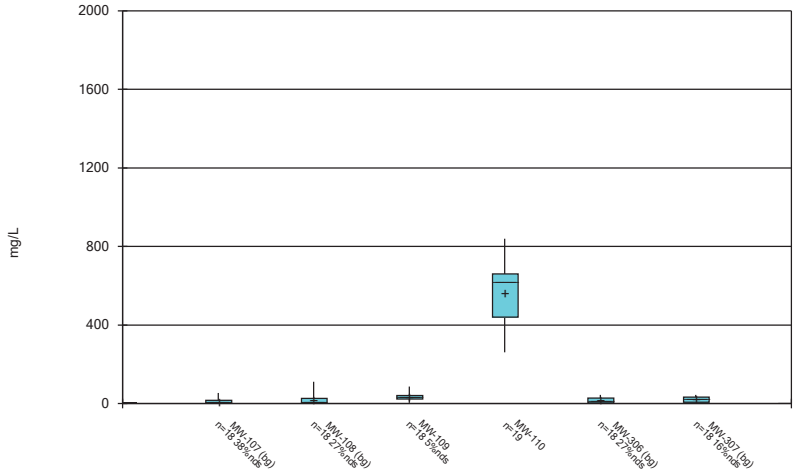
Box & Whiskers Plot



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

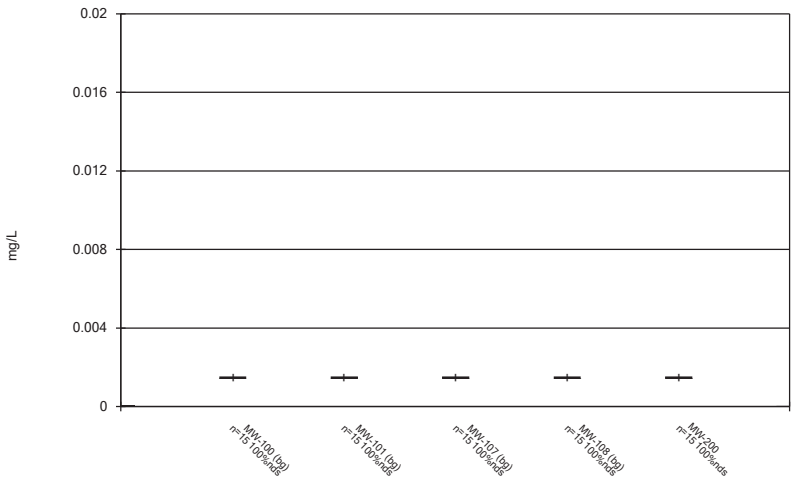


Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:06 PM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

200 Series

Sanitas™ v.9.6.28 . UG

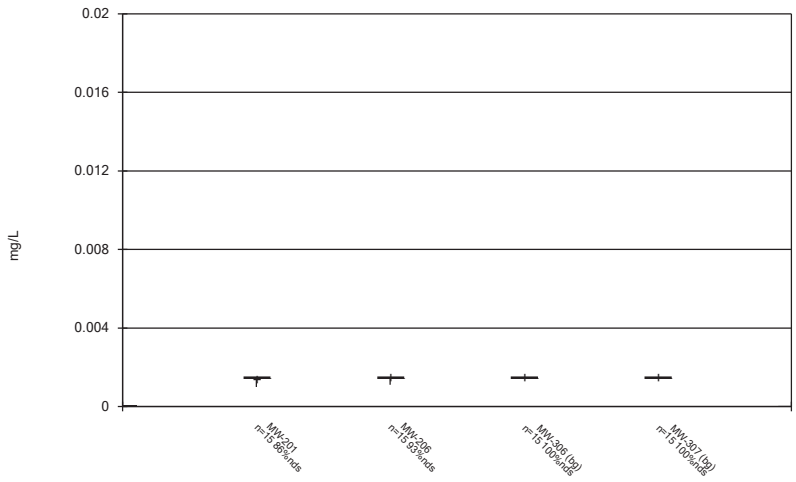
Box & Whiskers Plot



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

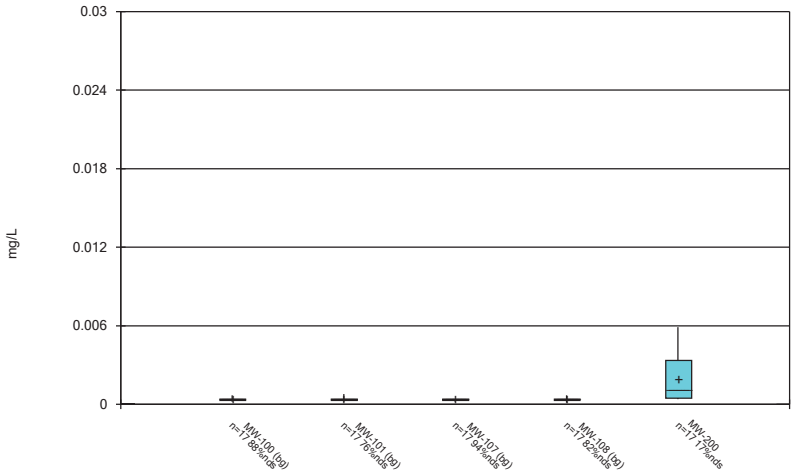
Box & Whiskers Plot



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

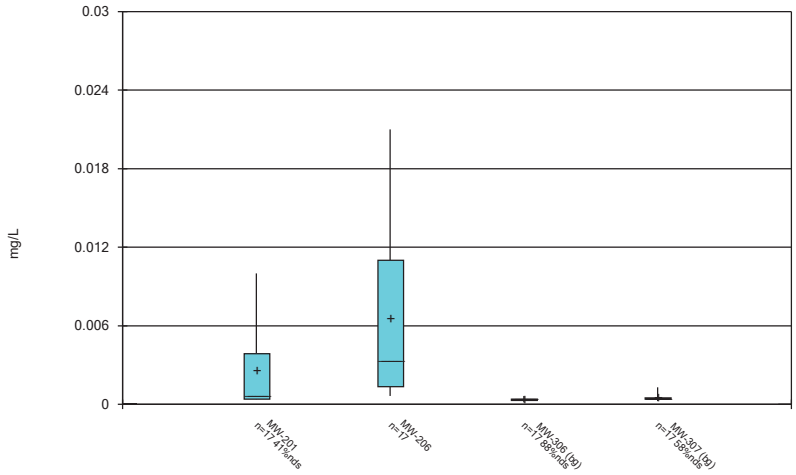
Box & Whiskers Plot



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

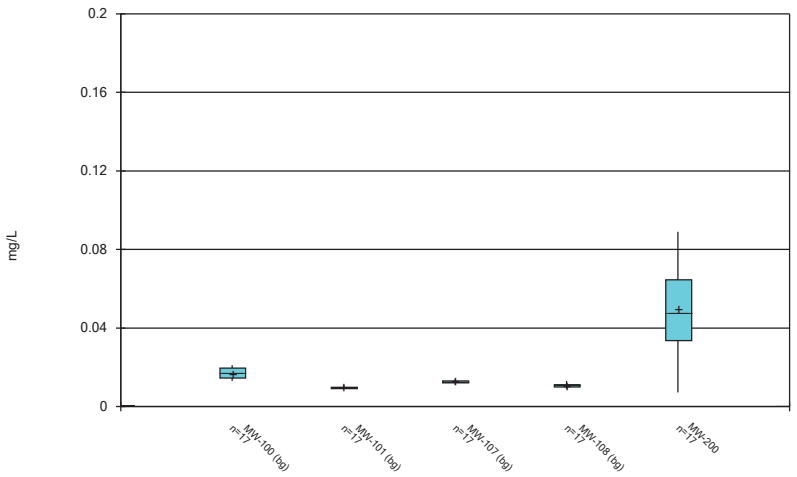
Box & Whiskers Plot



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

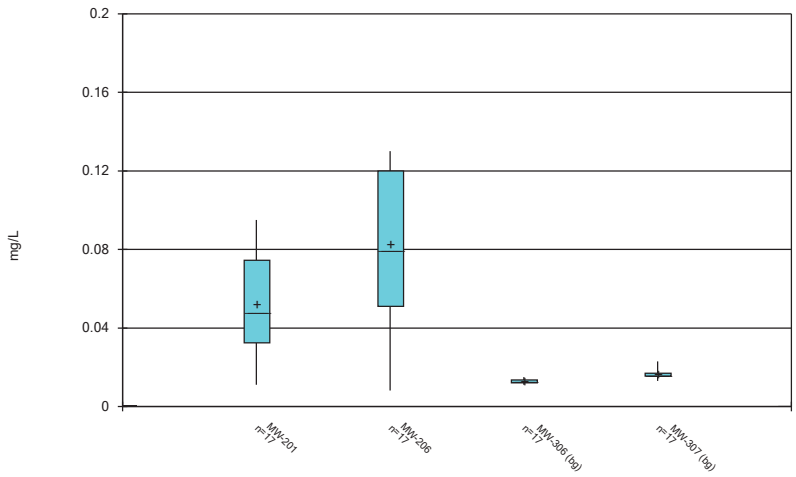
Box & Whiskers Plot



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

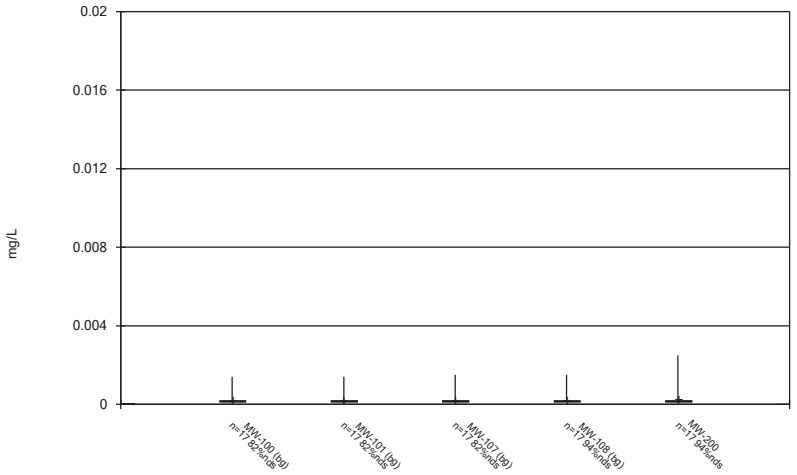
Box & Whiskers Plot



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

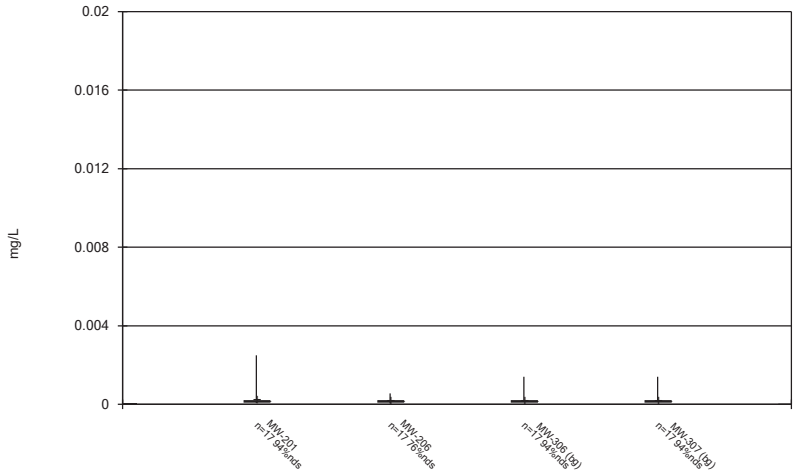
Box & Whiskers Plot



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

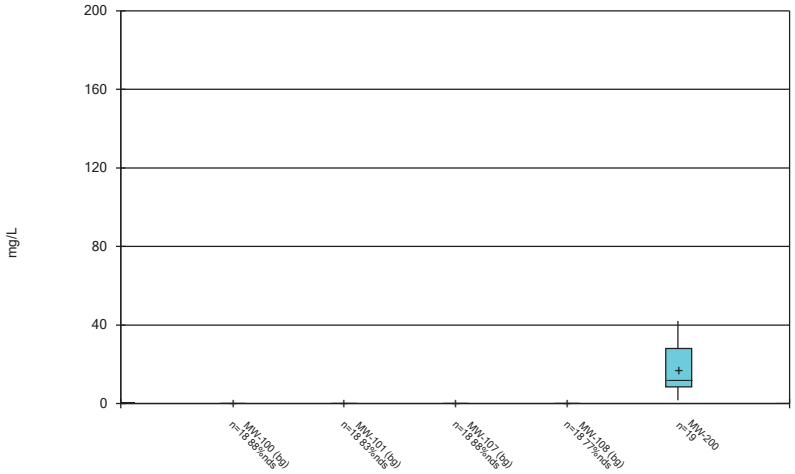
Box & Whiskers Plot



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

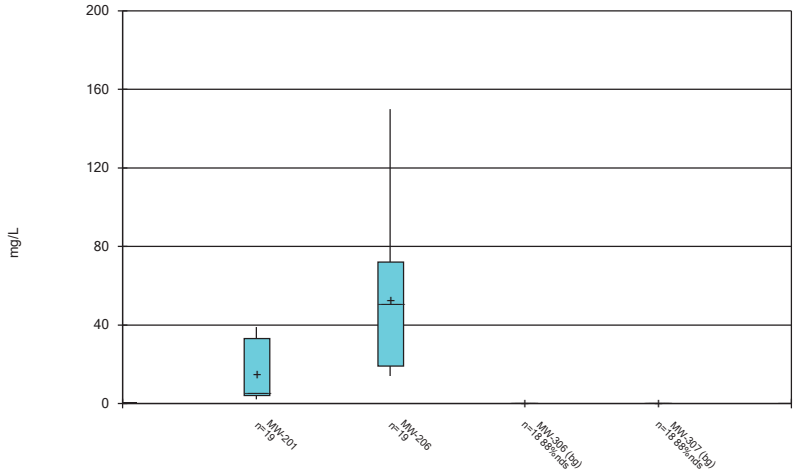
Box & Whiskers Plot



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

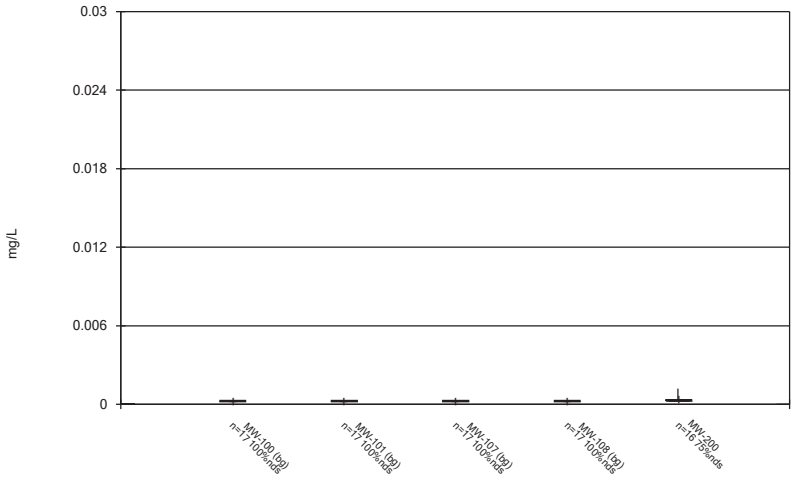
Box & Whiskers Plot



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

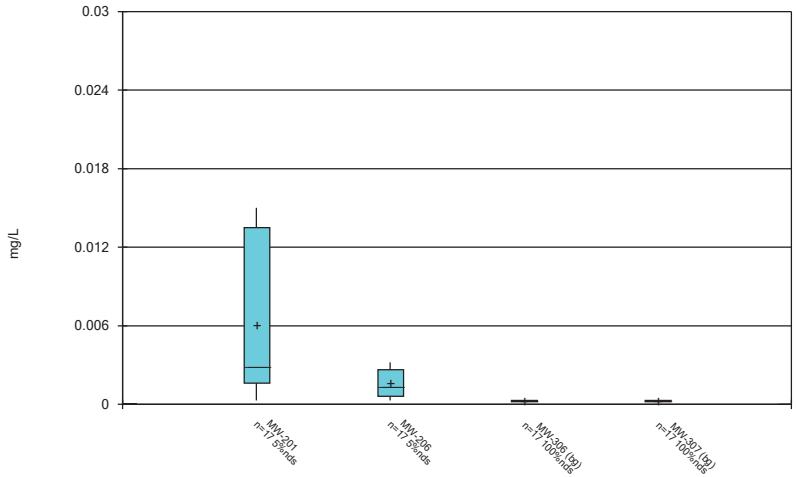
Box & Whiskers Plot



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

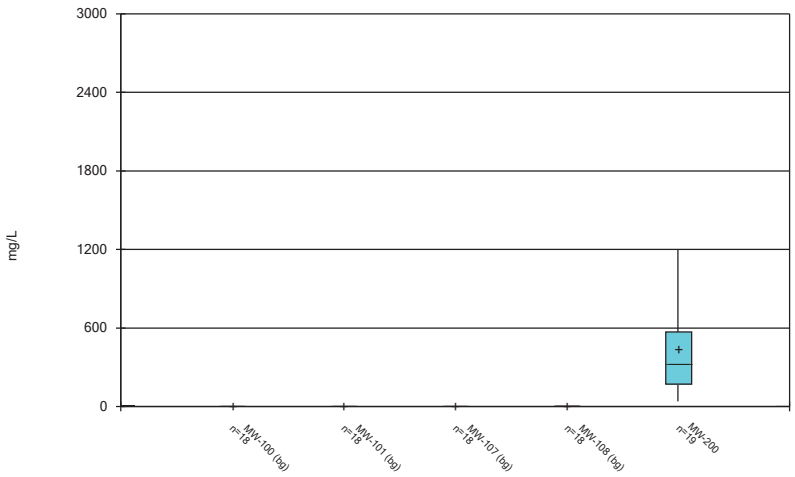
Box & Whiskers Plot



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

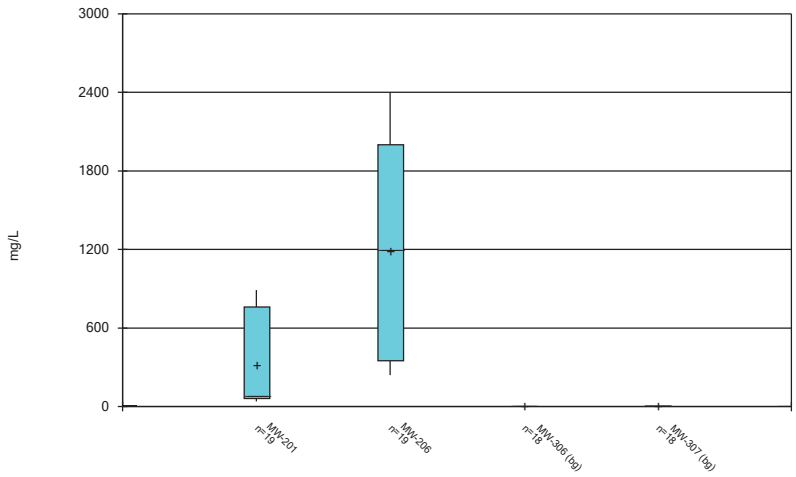
Box & Whiskers Plot



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

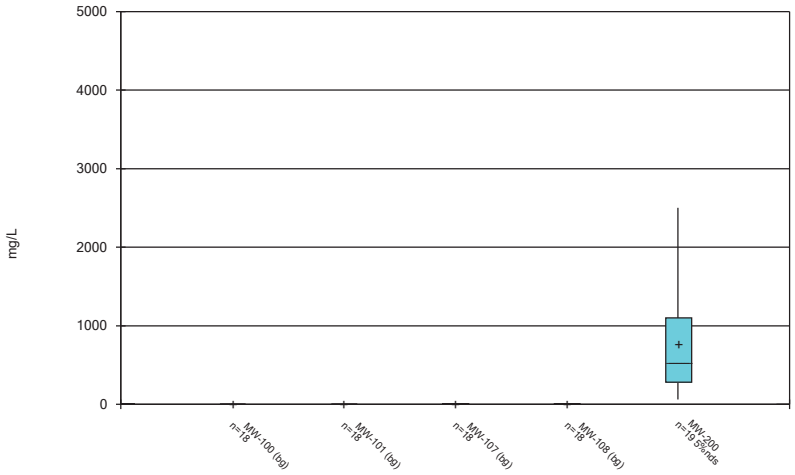
Box & Whiskers Plot



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

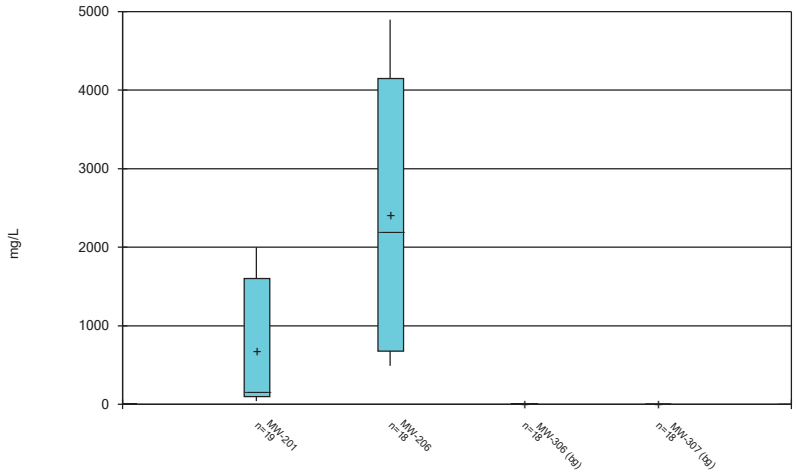
Box & Whiskers Plot



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

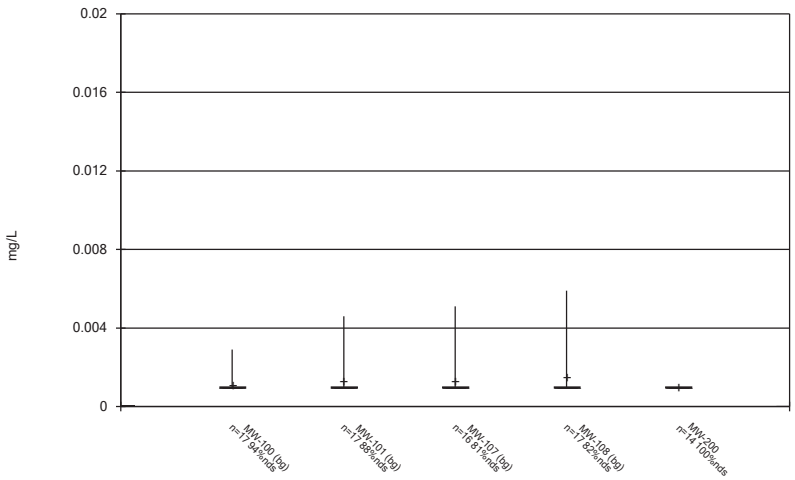
Box & Whiskers Plot



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

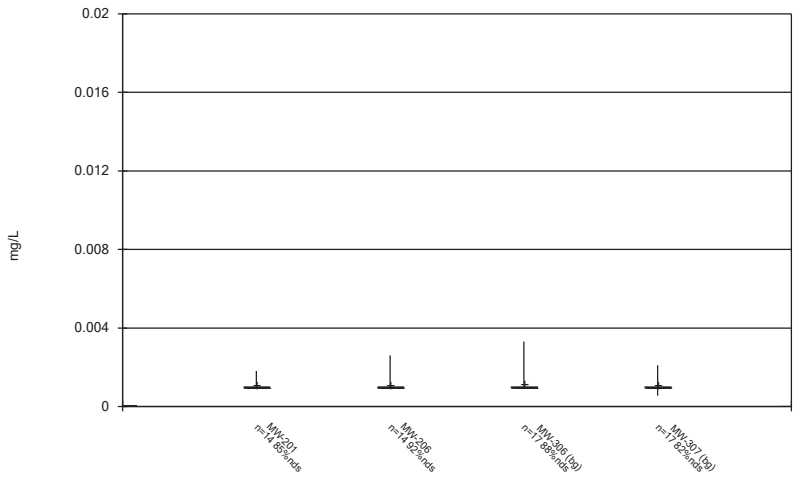
Box & Whiskers Plot



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

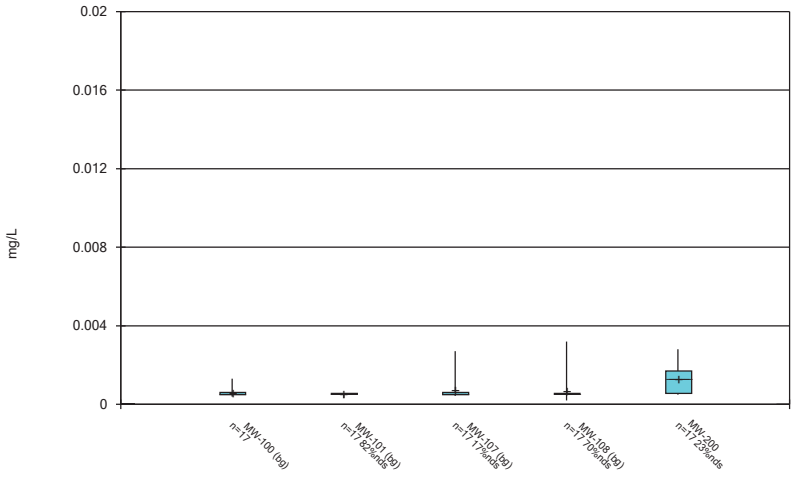
Box & Whiskers Plot



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

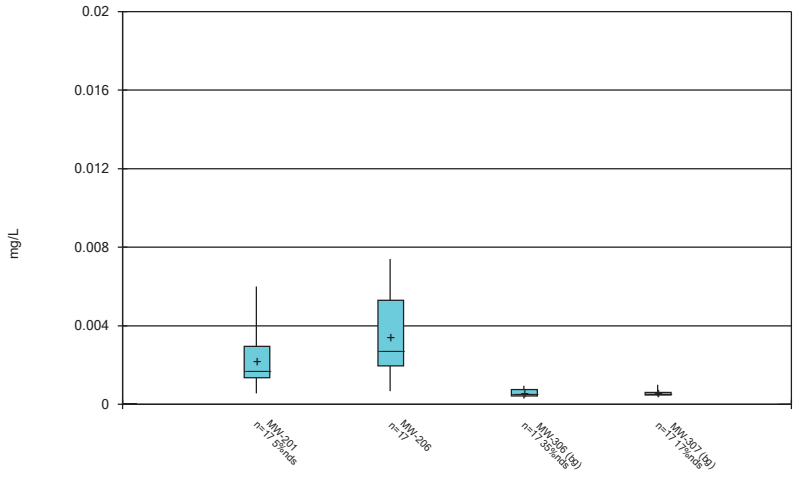
Box & Whiskers Plot



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

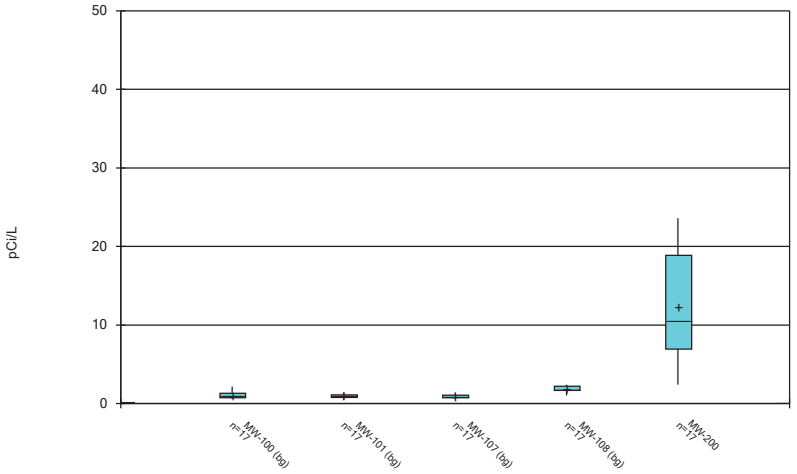
Box & Whiskers Plot



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

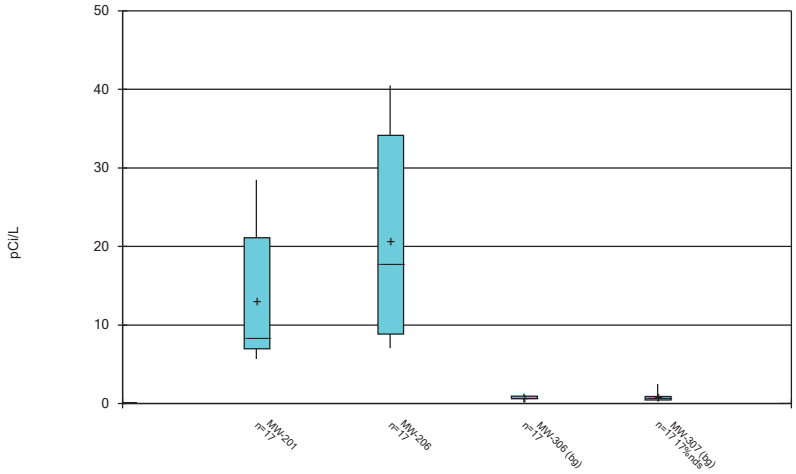
Box & Whiskers Plot



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

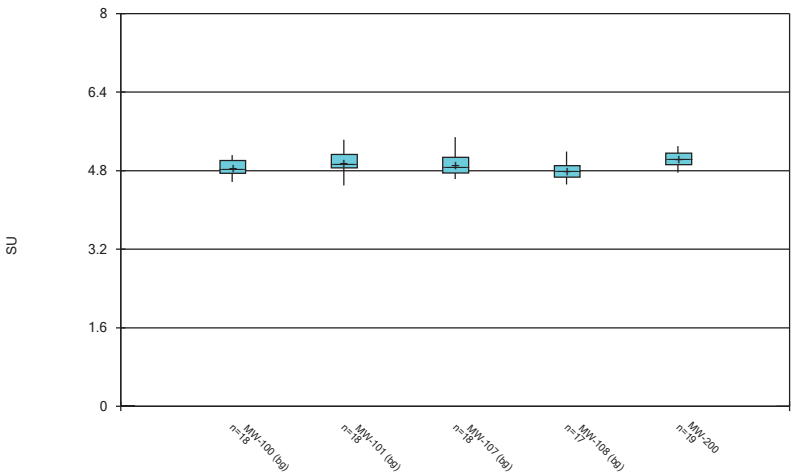
Box & Whiskers Plot



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

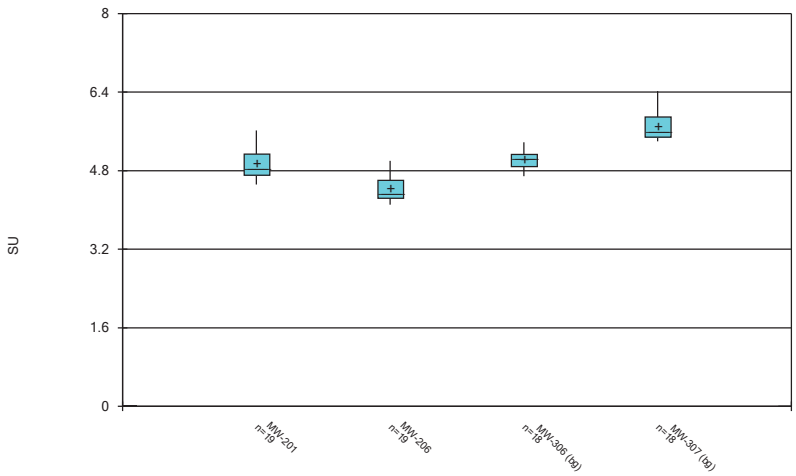
Box & Whiskers Plot



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

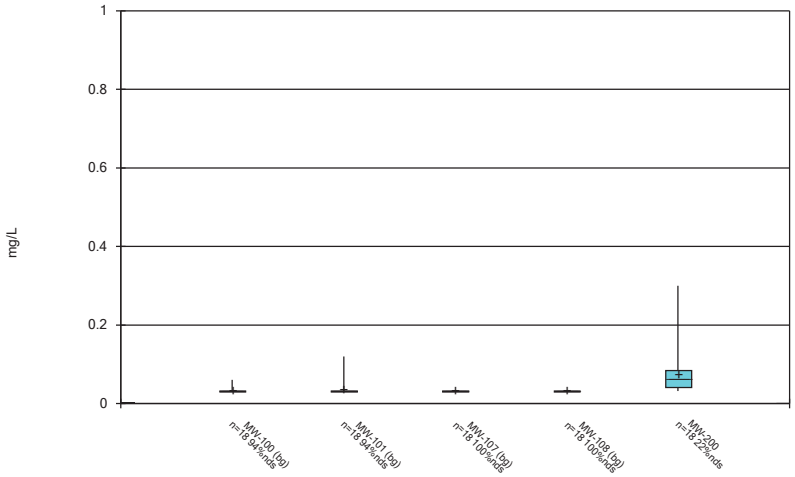
Box & Whiskers Plot



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

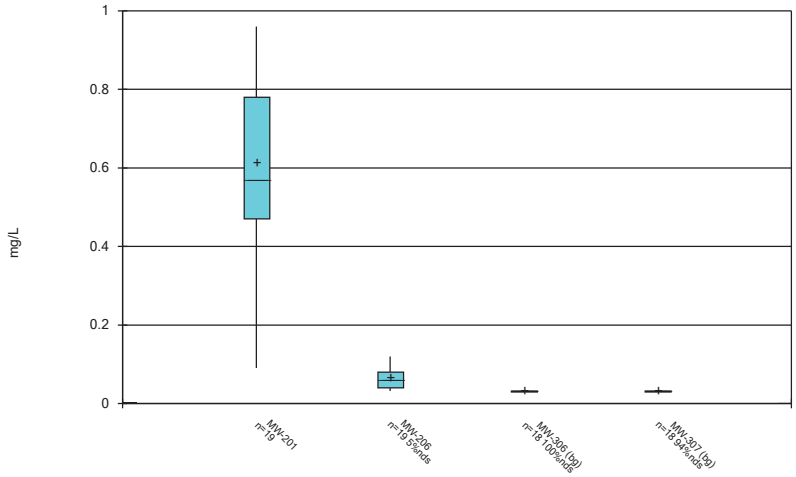
Box & Whiskers Plot



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

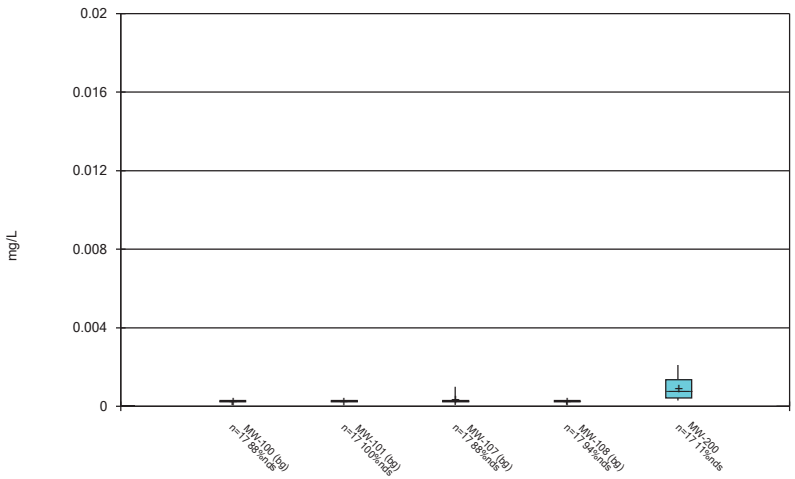
Box & Whiskers Plot



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

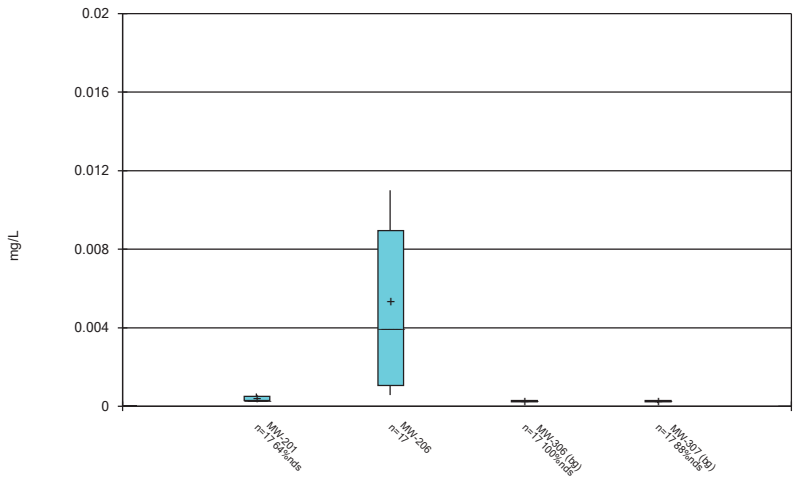
Box & Whiskers Plot



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

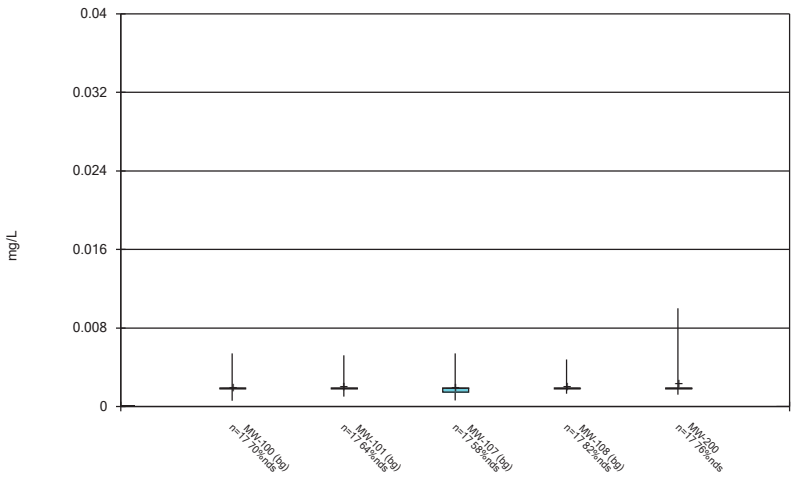
Box & Whiskers Plot



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

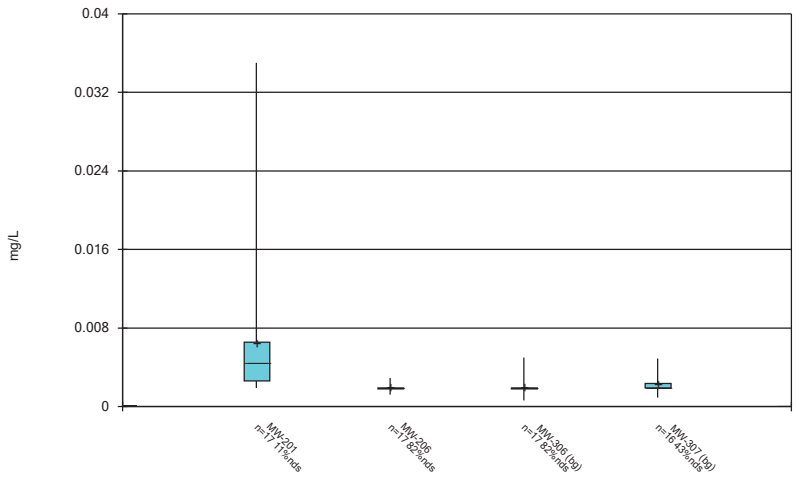
Box & Whiskers Plot



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

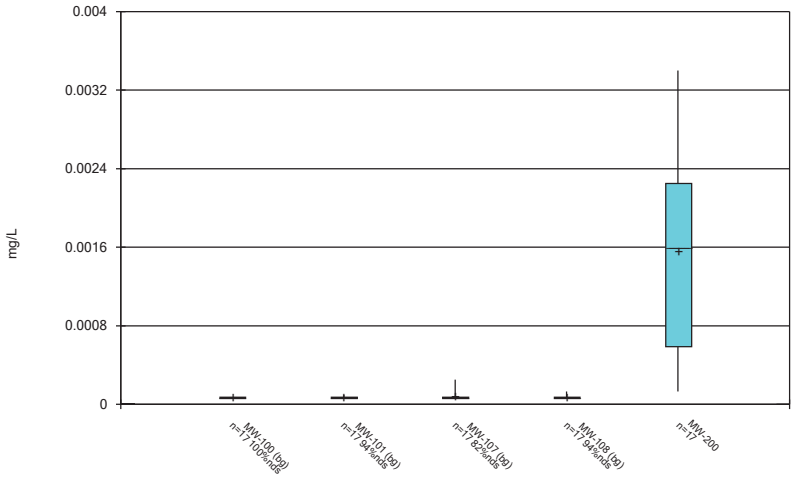
Box & Whiskers Plot



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

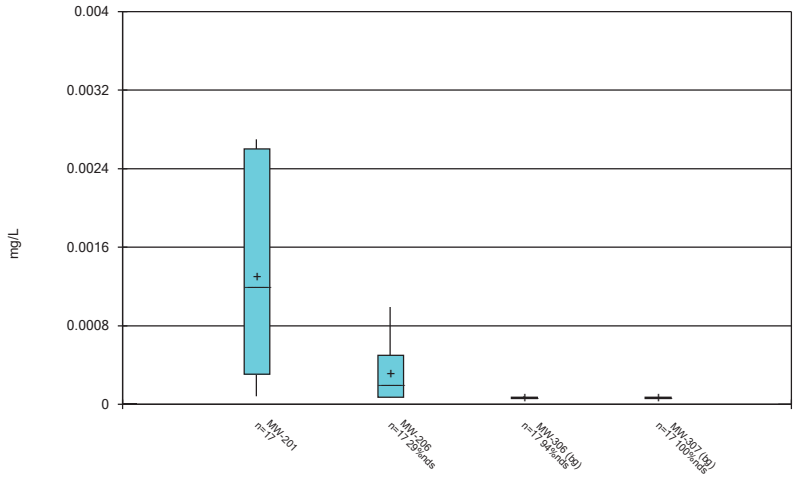
Box & Whiskers Plot



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

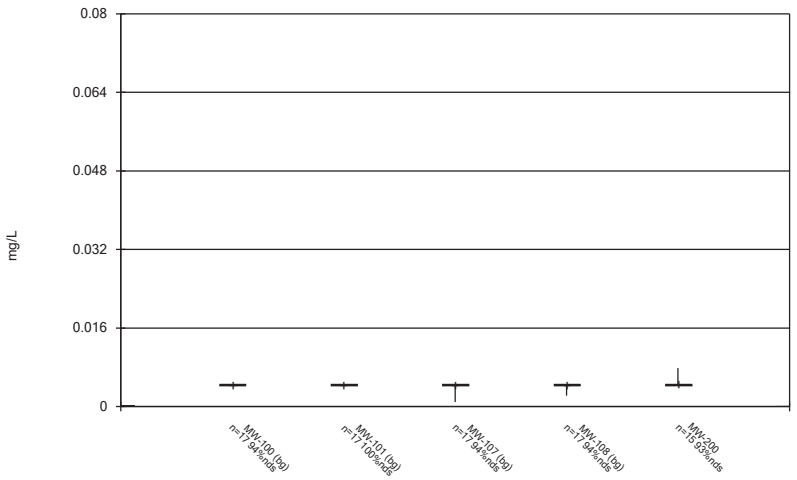
Box & Whiskers Plot



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

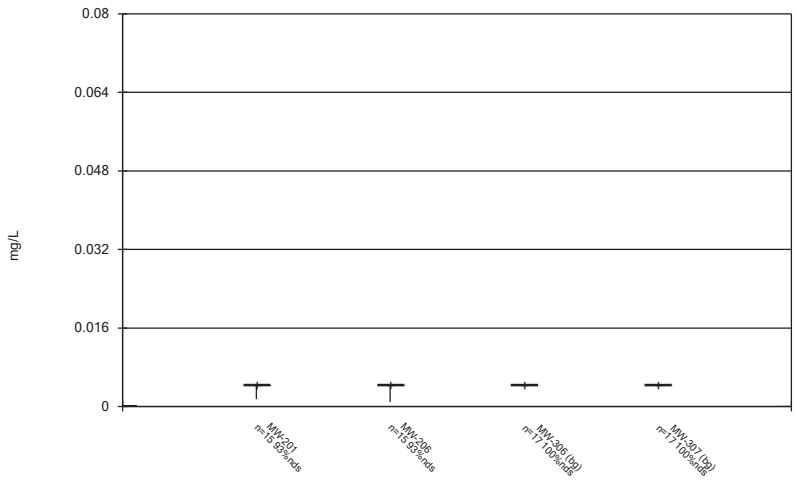
Box & Whiskers Plot



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

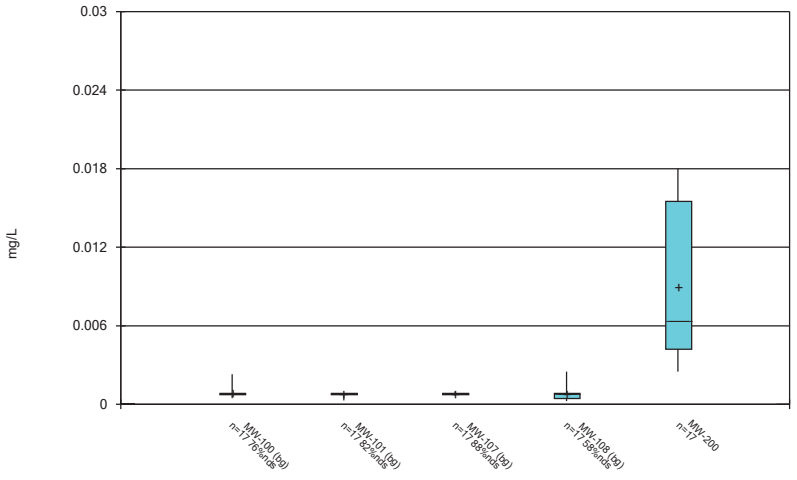
Box & Whiskers Plot



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

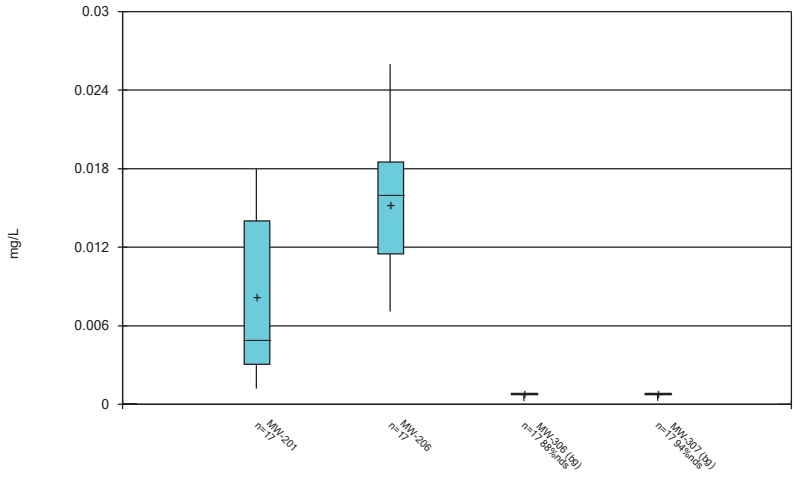
Box & Whiskers Plot



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

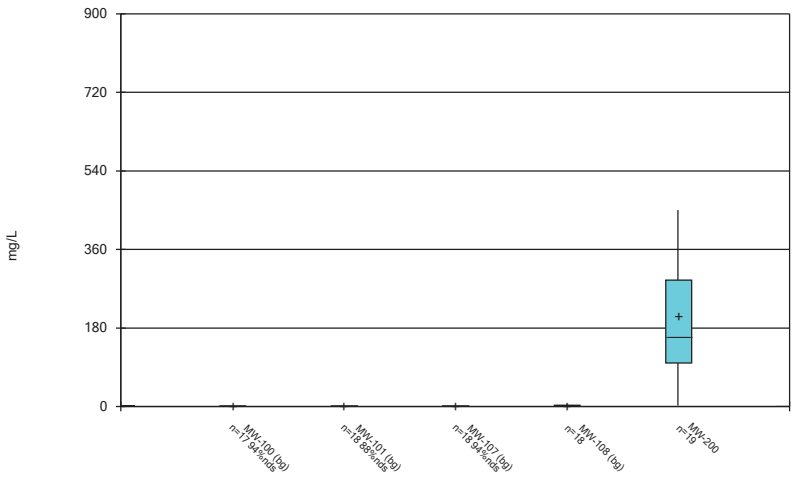
Box & Whiskers Plot



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

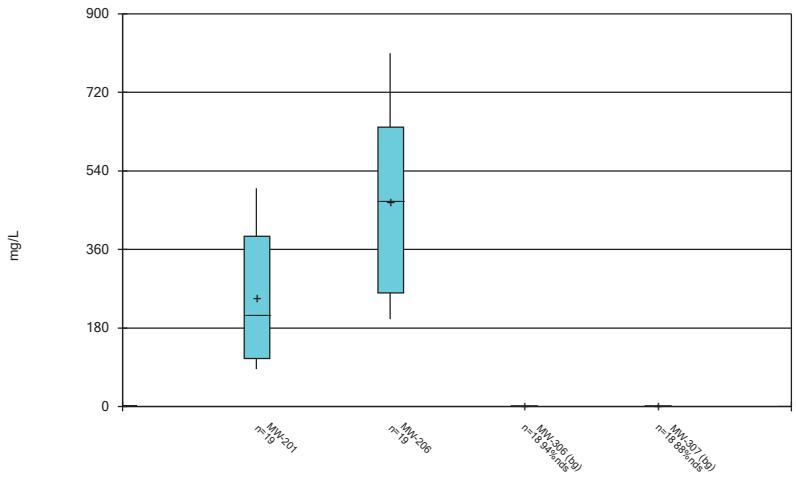
Box & Whiskers Plot



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

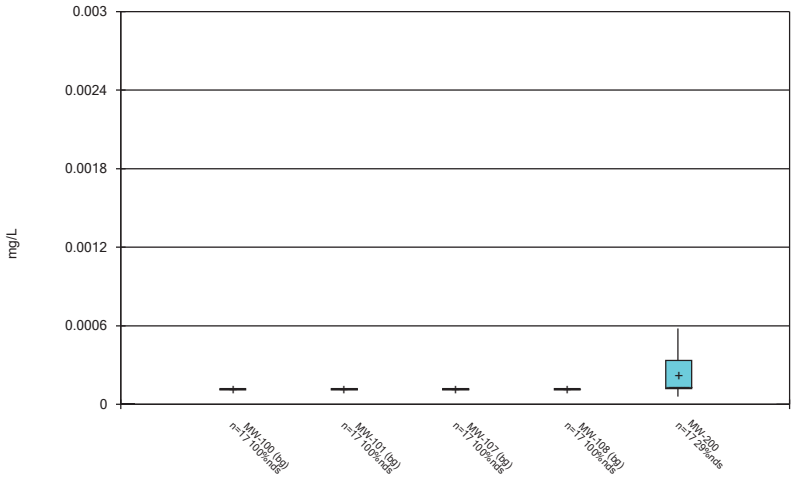
Box & Whiskers Plot



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

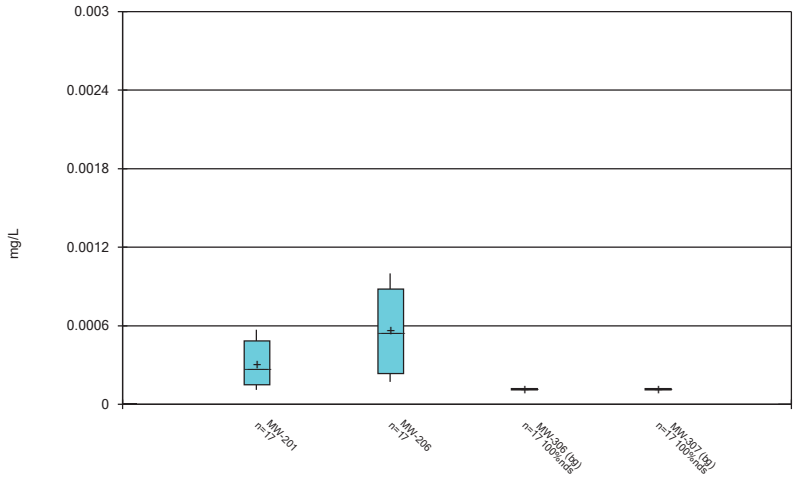
Box & Whiskers Plot



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

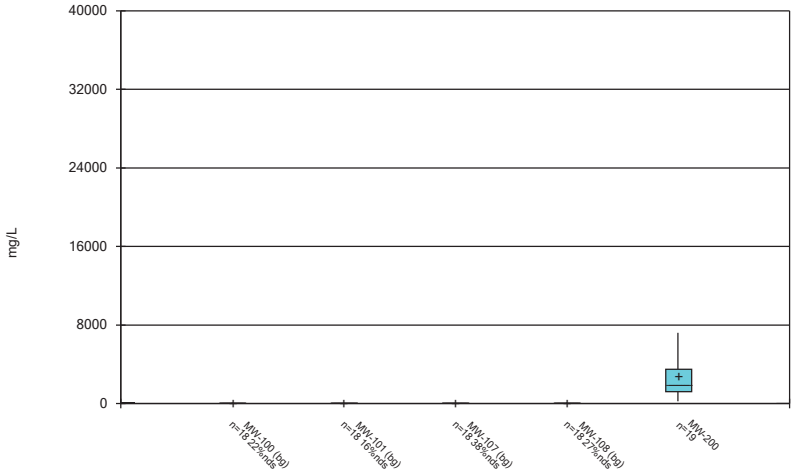
Sanitas™ v.9.6.28 . UG

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

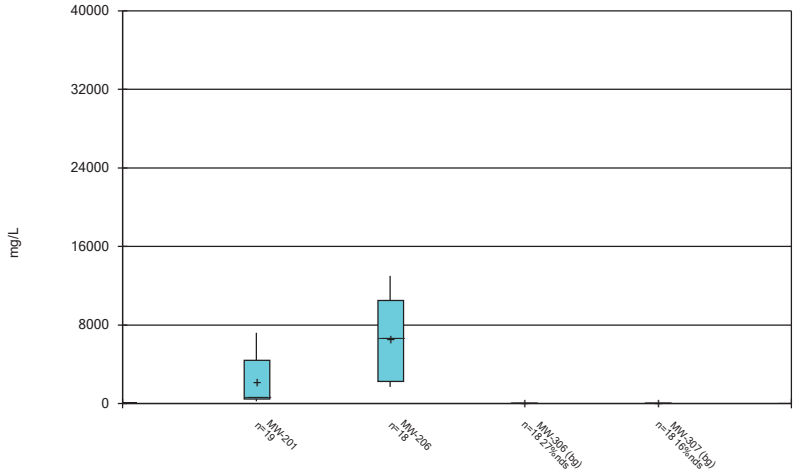
Box & Whiskers Plot



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

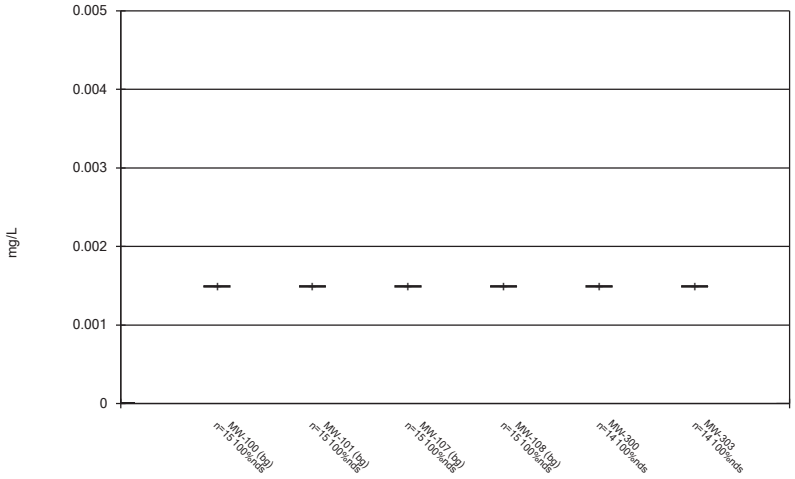


Constituent: Total Dissolved Solids Analysis Run 6/11/2021 5:49 PM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Plant Crist CCR

300 Series

Sanitas™ v.9.6.28 . UG

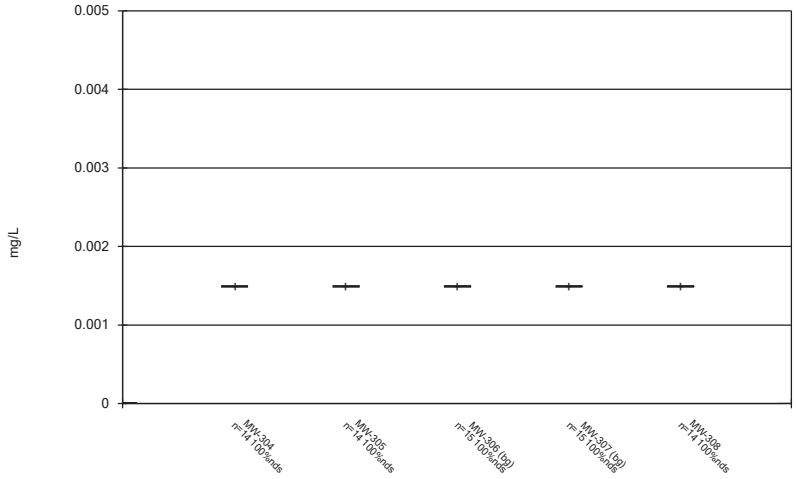
Box & Whiskers Plot



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

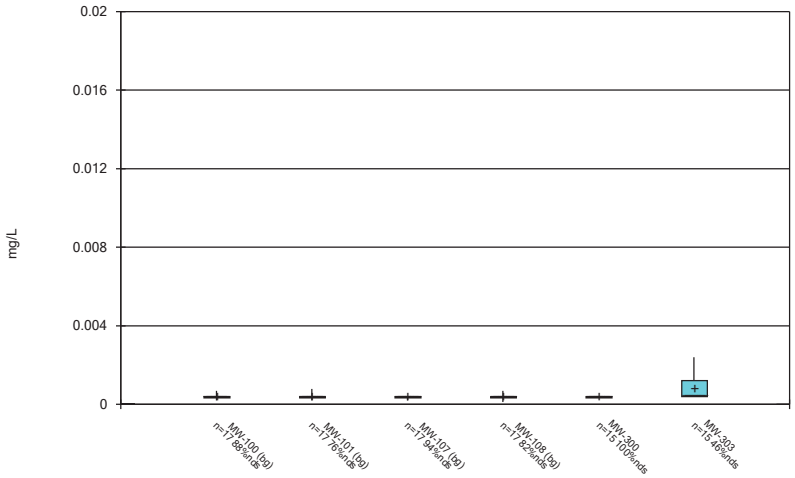
Box & Whiskers Plot



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

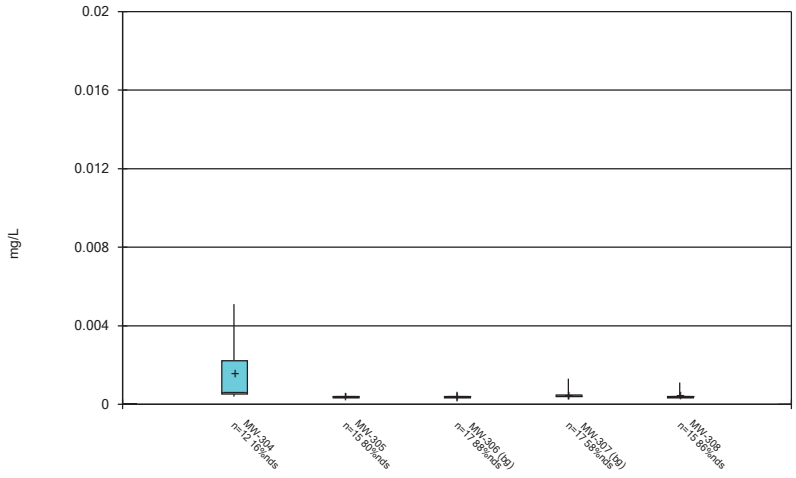
Box & Whiskers Plot



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

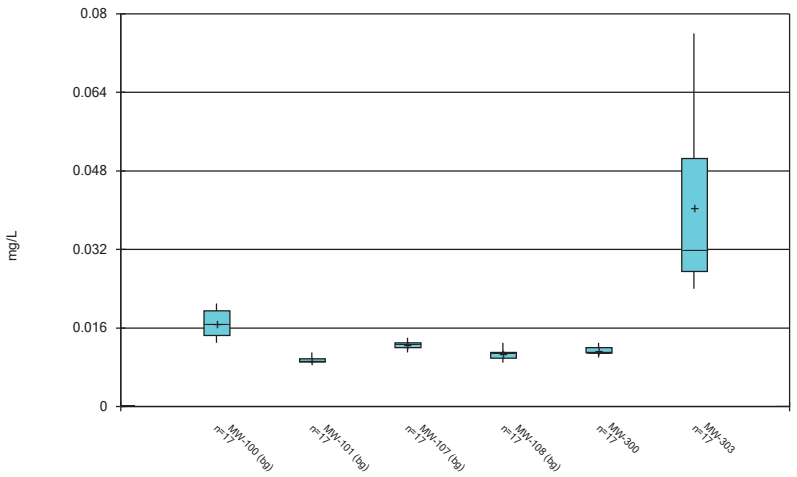
Box & Whiskers Plot



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

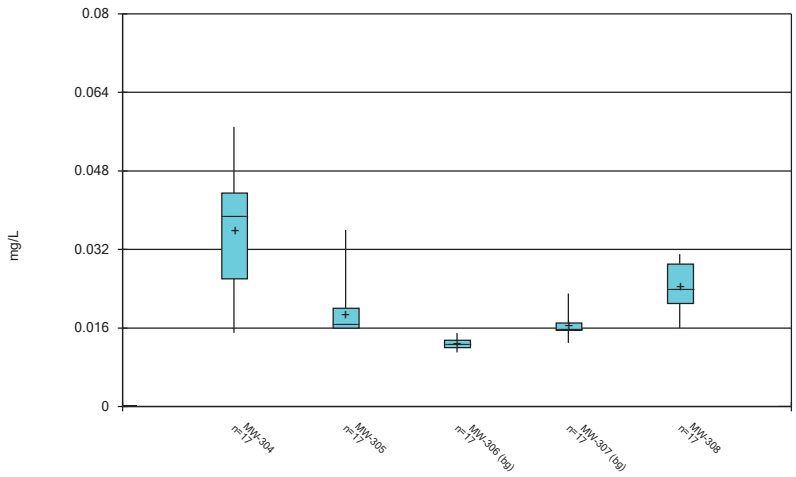
Box & Whiskers Plot



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

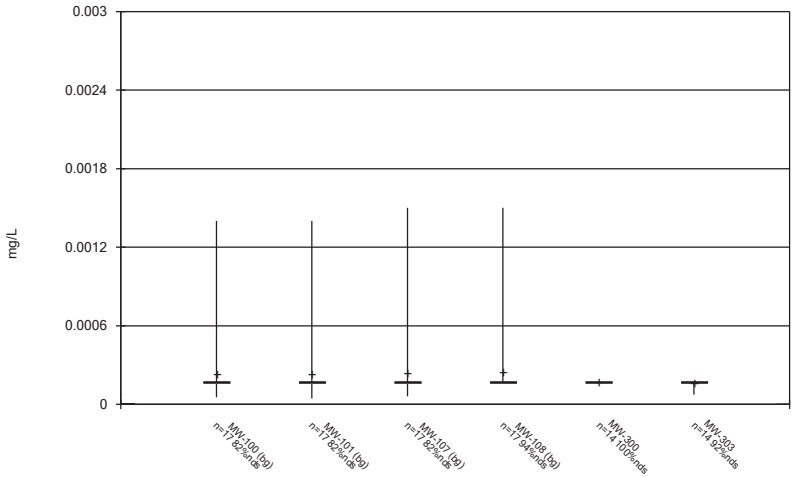
Box & Whiskers Plot



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

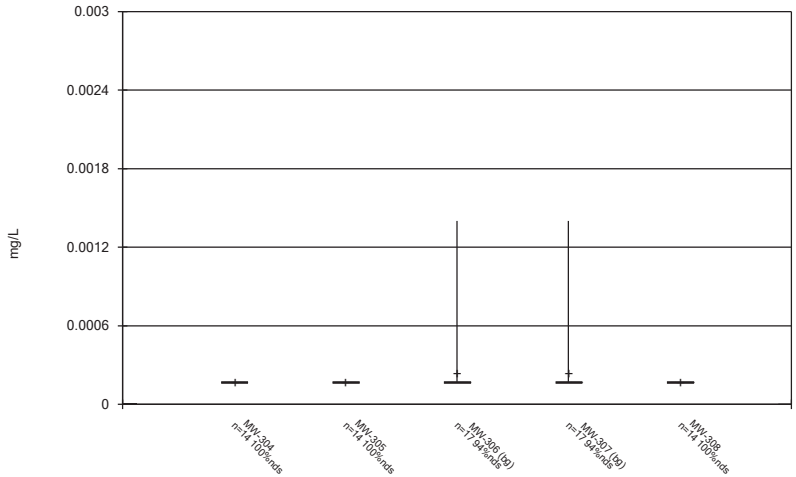
Box & Whiskers Plot



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

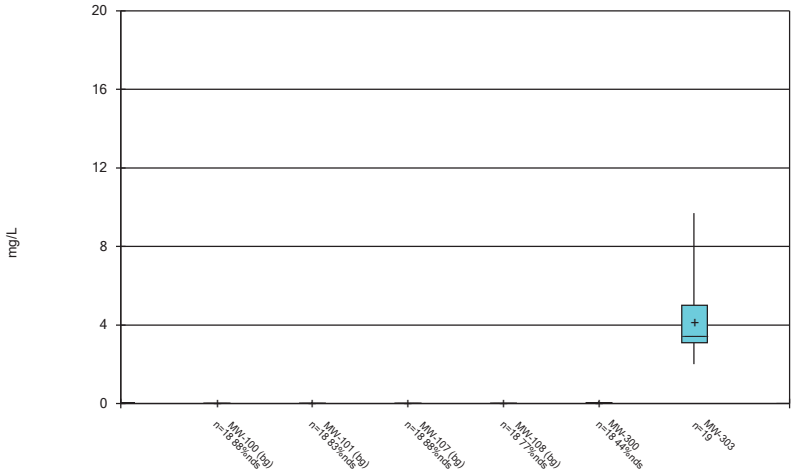
Box & Whiskers Plot



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

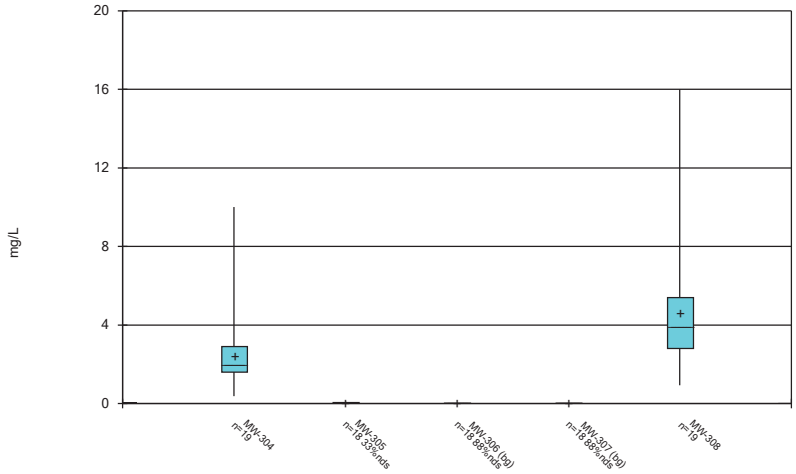
Box & Whiskers Plot



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

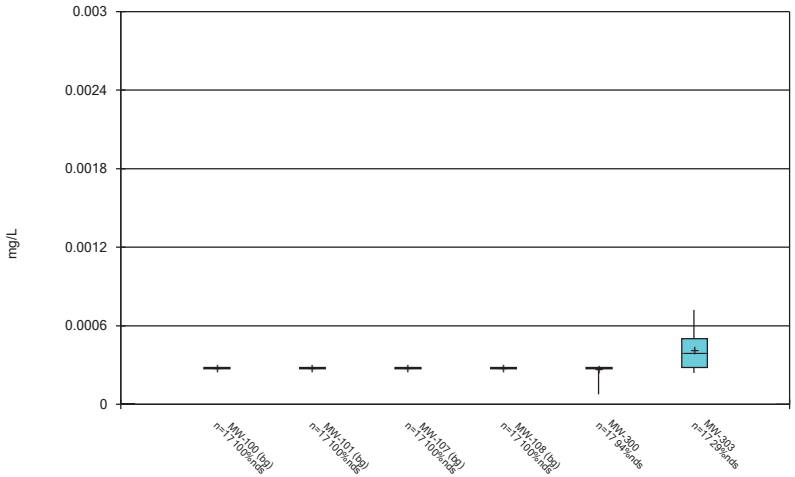
Box & Whiskers Plot



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

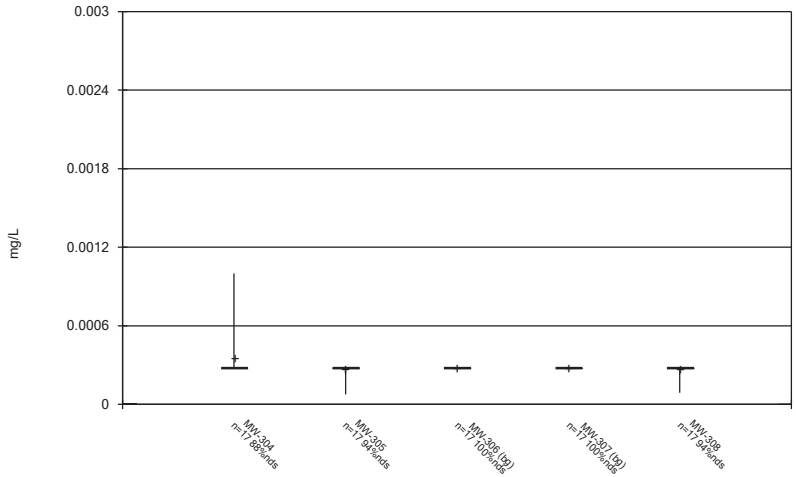
Box & Whiskers Plot



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

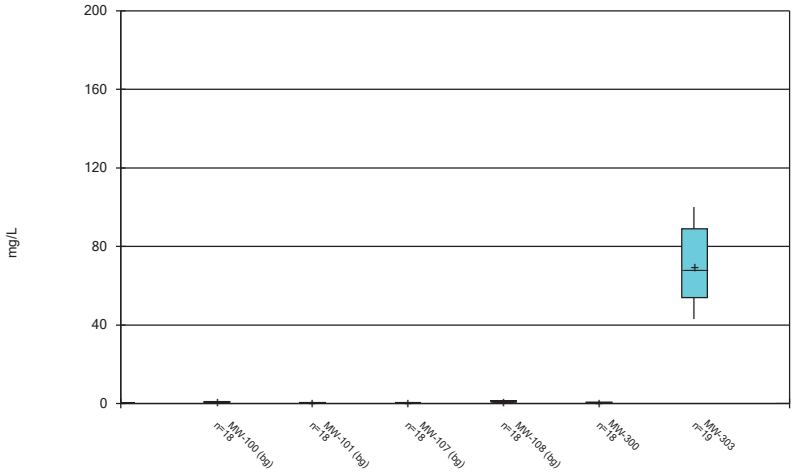
Box & Whiskers Plot



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

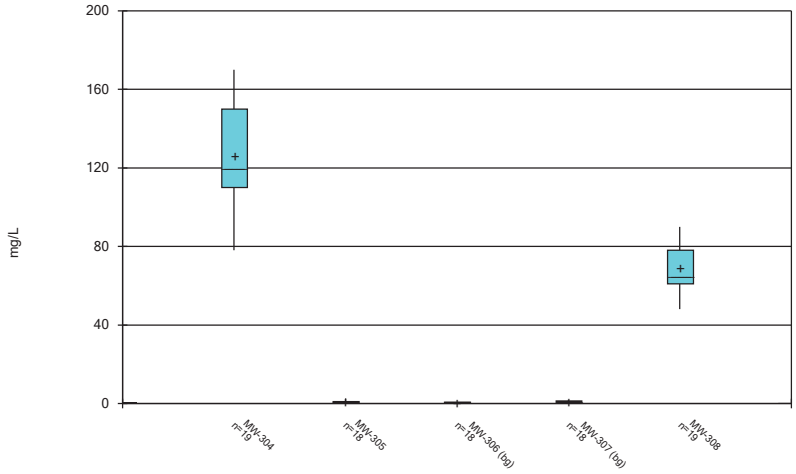
Box & Whiskers Plot



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

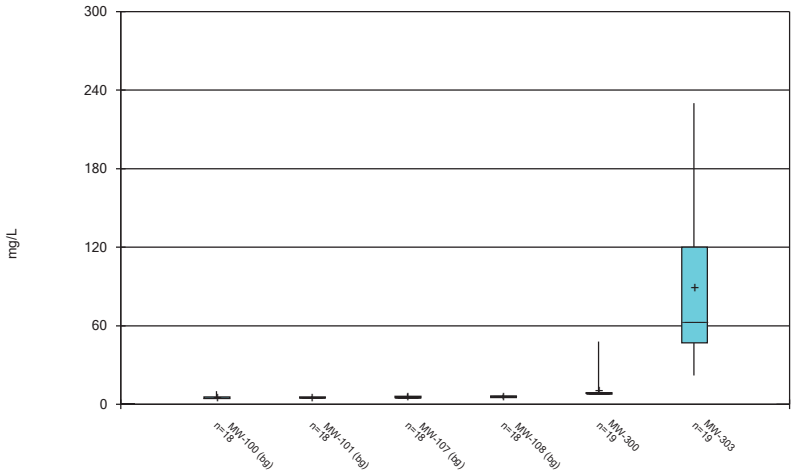
Box & Whiskers Plot



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

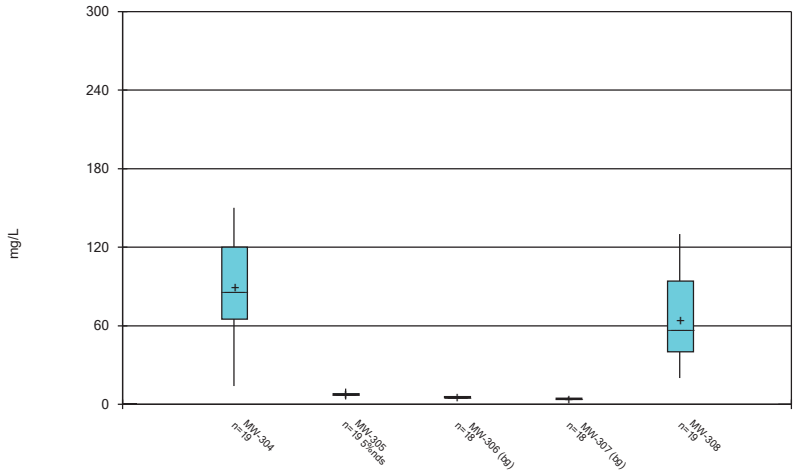
Box & Whiskers Plot



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

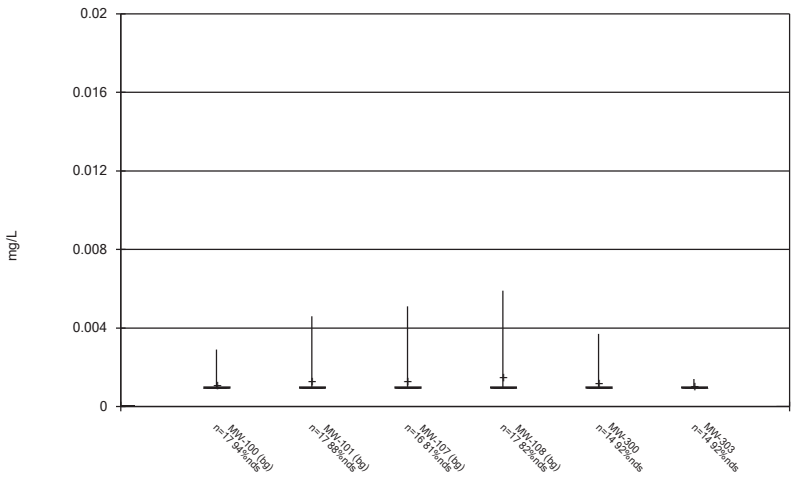
Box & Whiskers Plot



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

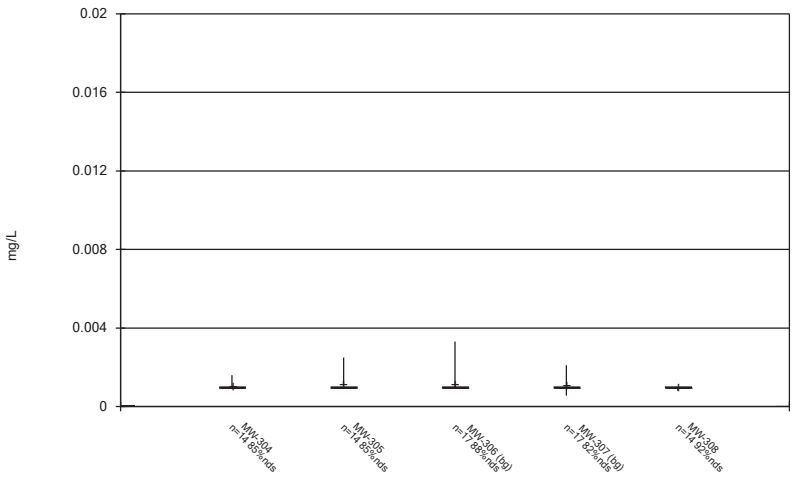
Box & Whiskers Plot



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

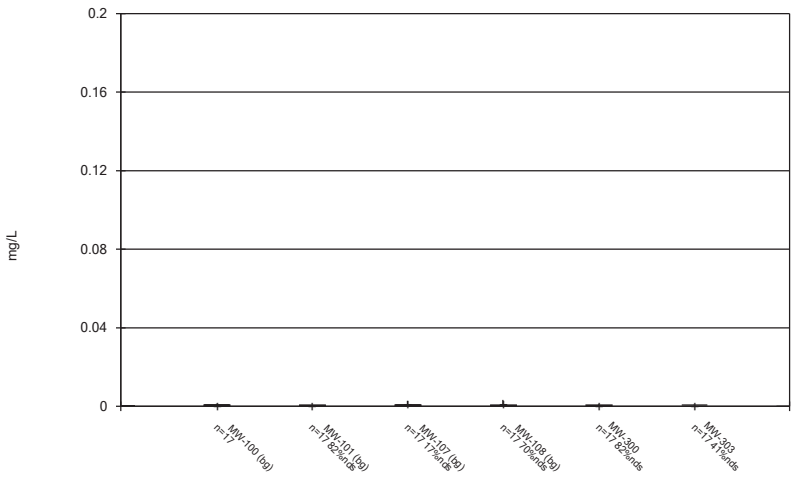
Box & Whiskers Plot



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

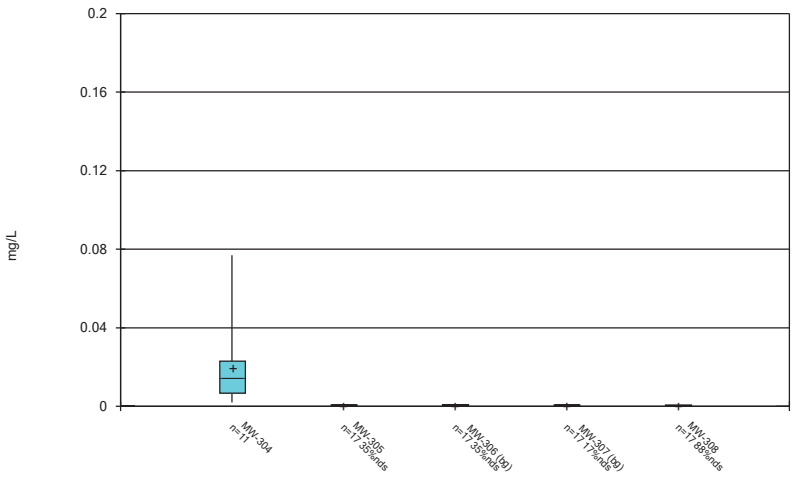
Box & Whiskers Plot



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

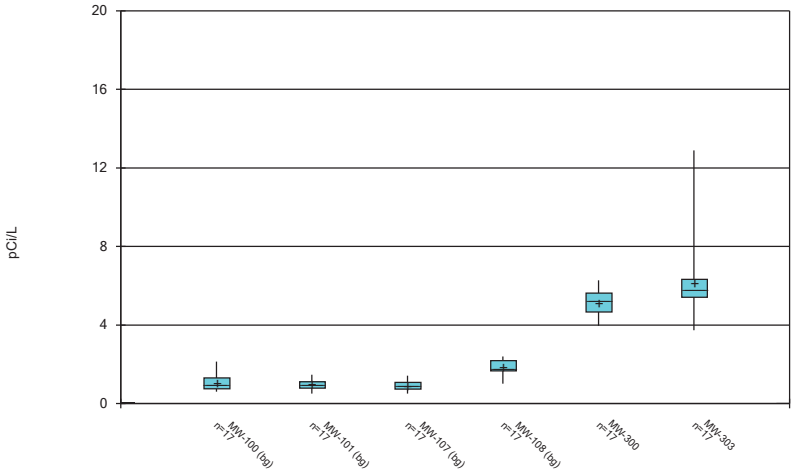
Box & Whiskers Plot



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

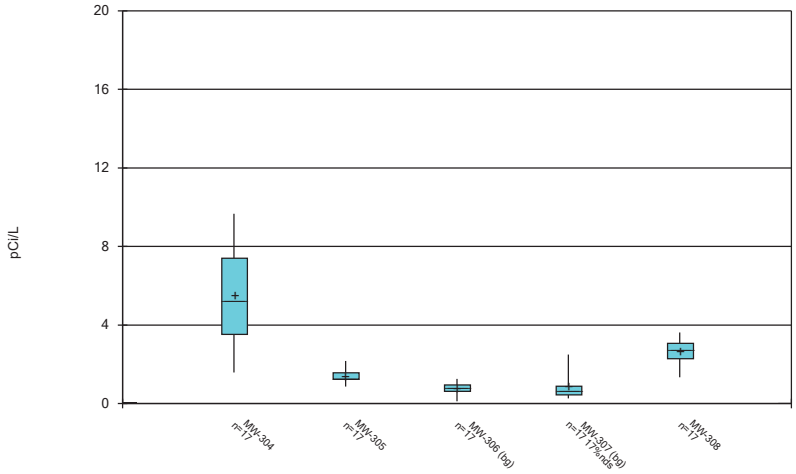
Box & Whiskers Plot



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

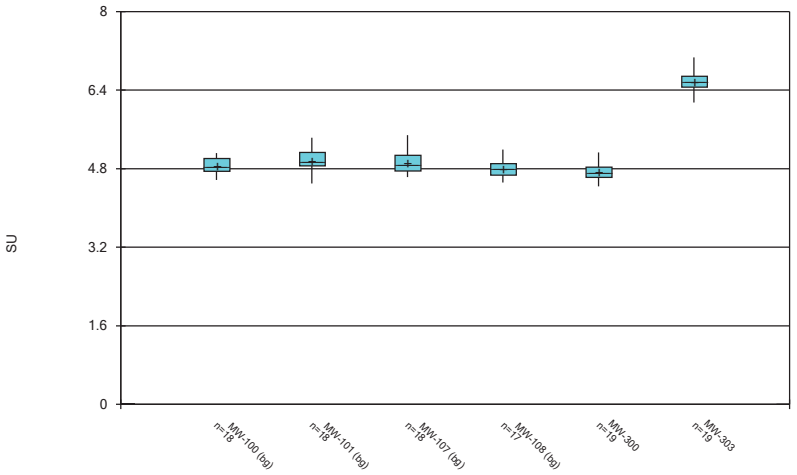
Box & Whiskers Plot



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

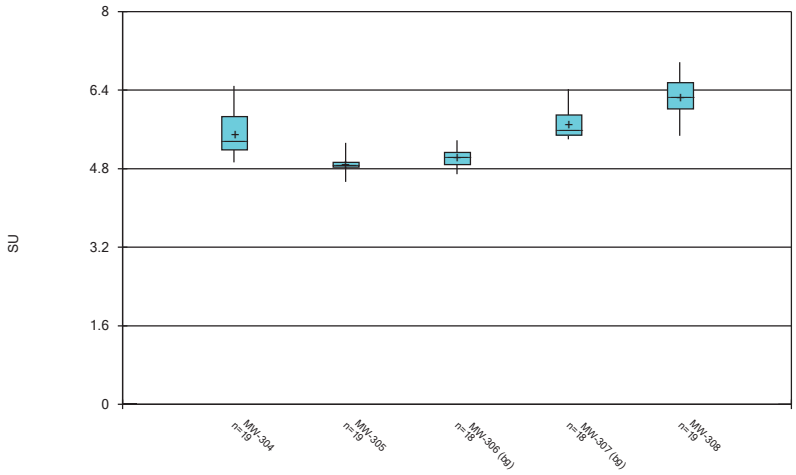
Box & Whiskers Plot



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

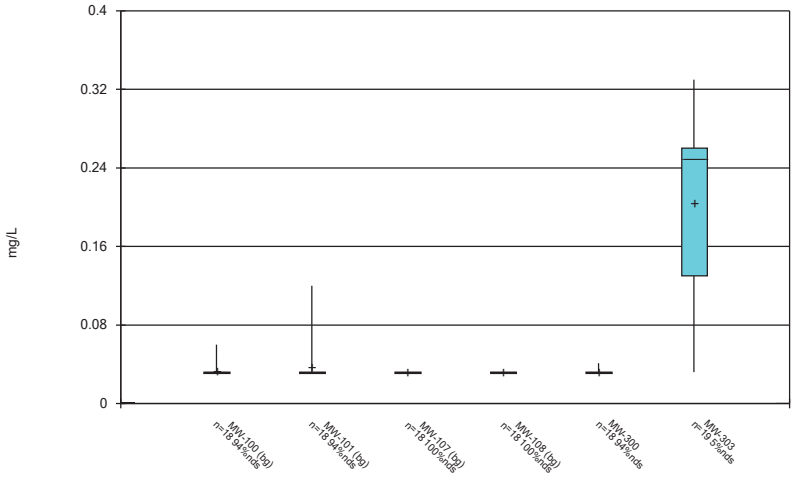
Box & Whiskers Plot



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

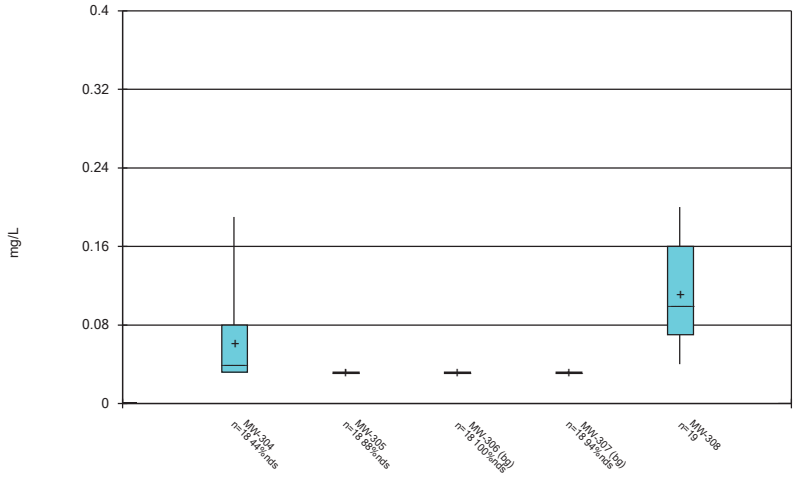
Box & Whiskers Plot



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

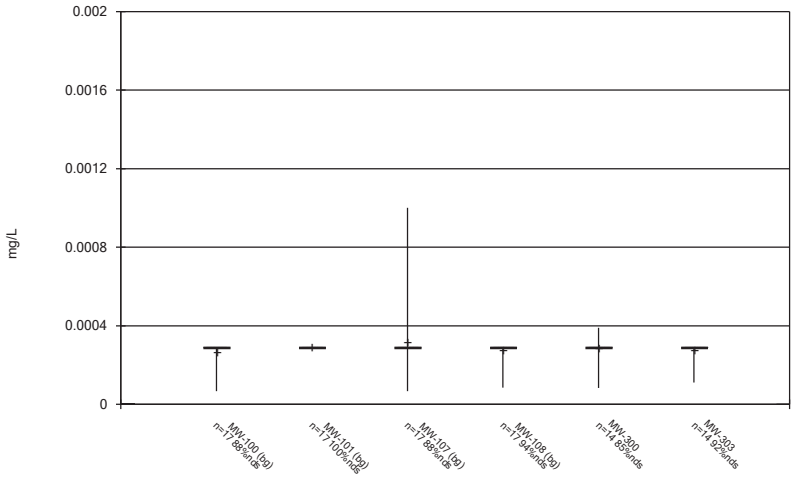
Box & Whiskers Plot



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

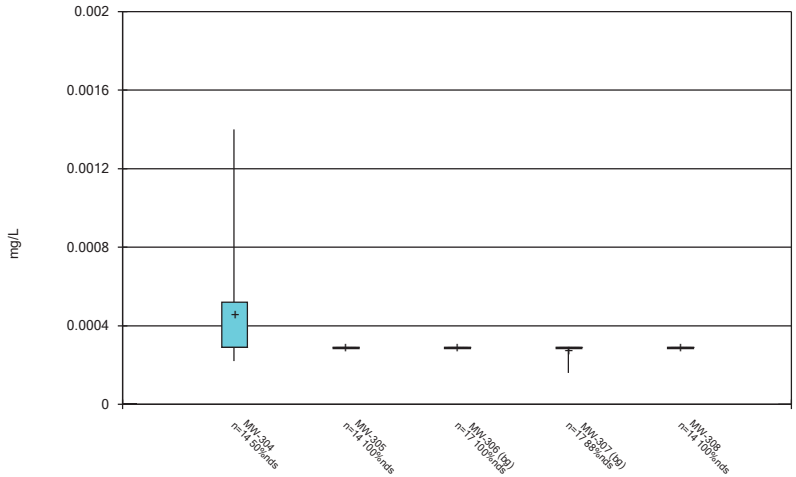
Box & Whiskers Plot



Constituent: Lead 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

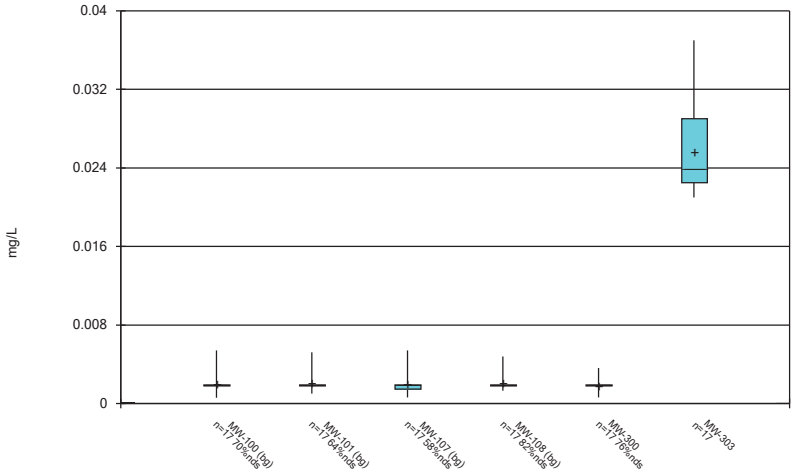
Box & Whiskers Plot



Constituent: Lead 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

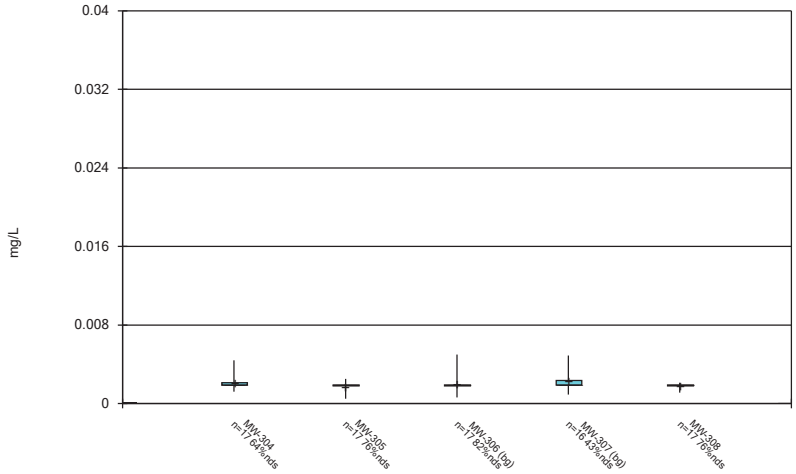
Box & Whiskers Plot



Constituent: Lithium 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

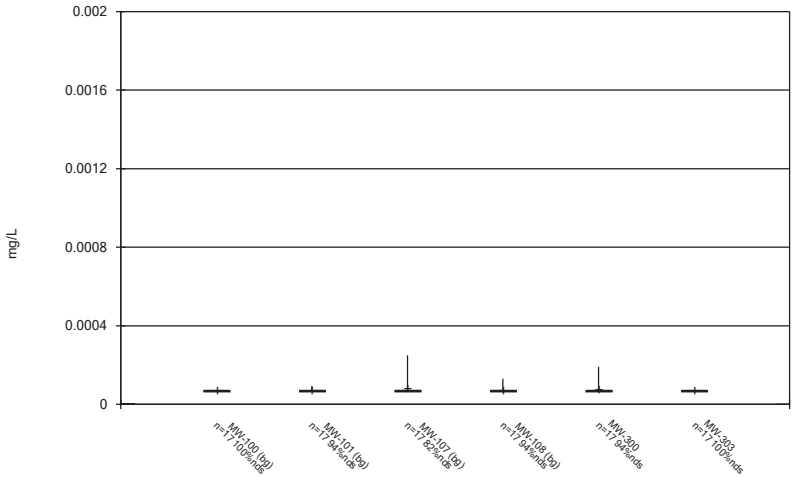
Box & Whiskers Plot



Constituent: Lithium 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

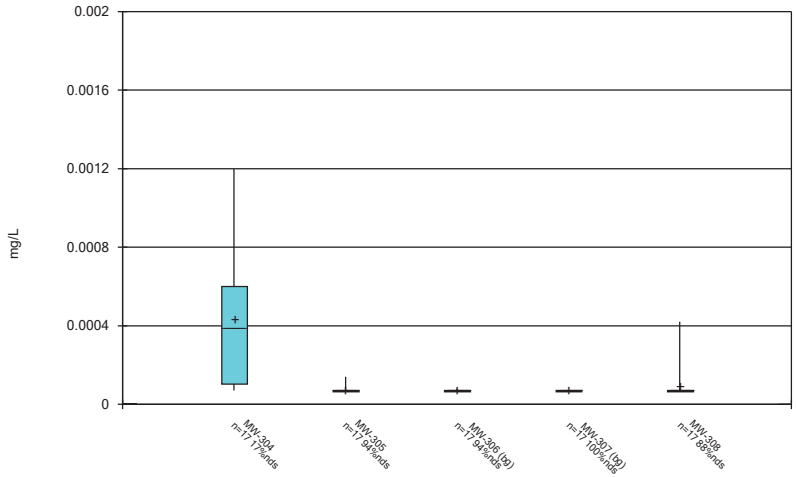
Box & Whiskers Plot



Constituent: 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

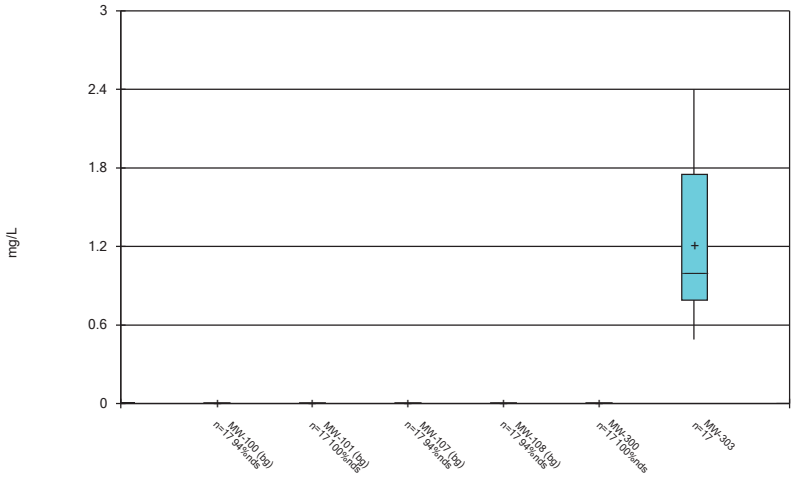
Box & Whiskers Plot



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

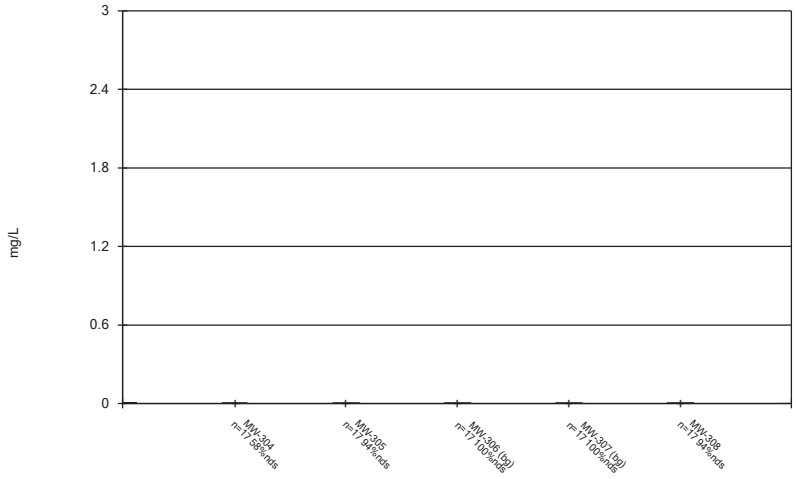
Box & Whiskers Plot



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

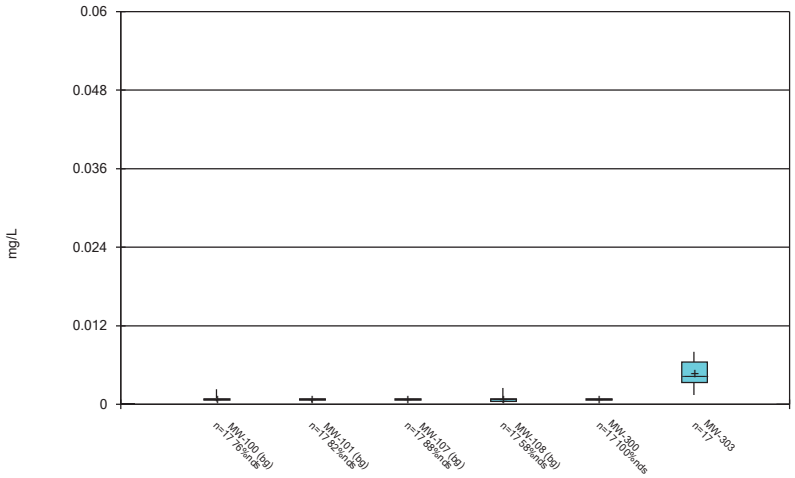
Box & Whiskers Plot



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

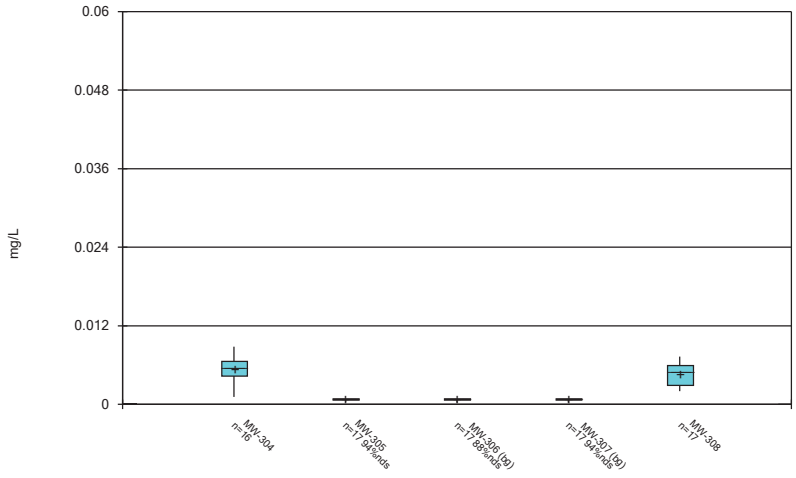
Box & Whiskers Plot



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

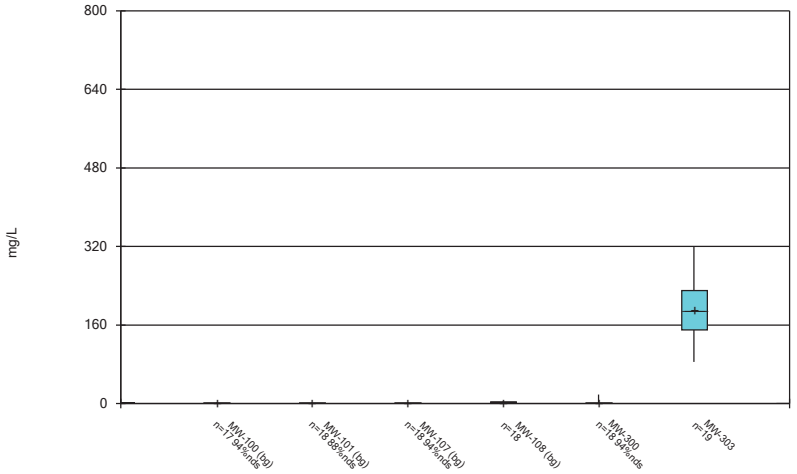
Box & Whiskers Plot



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

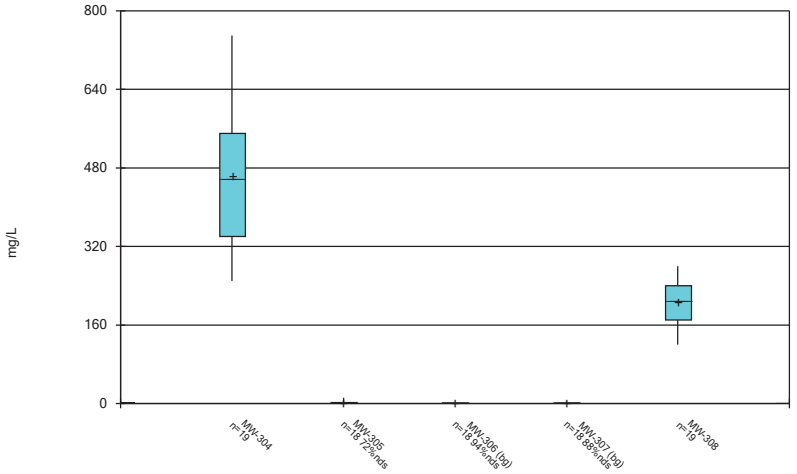
Box & Whiskers Plot



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

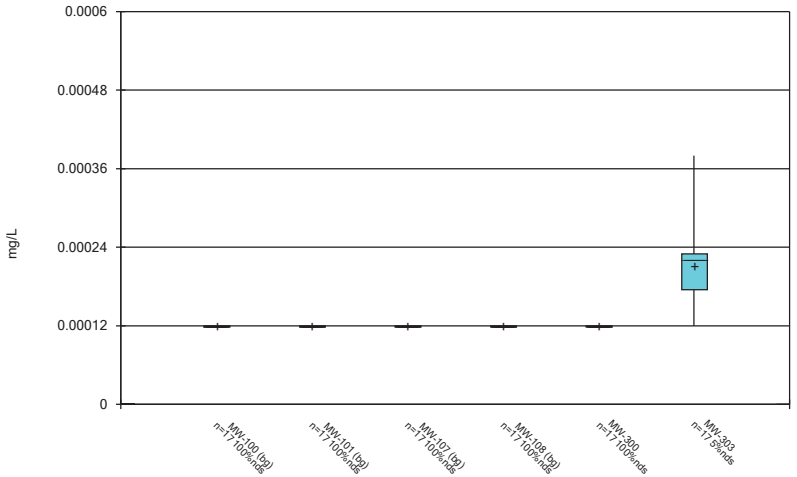
Box & Whiskers Plot



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

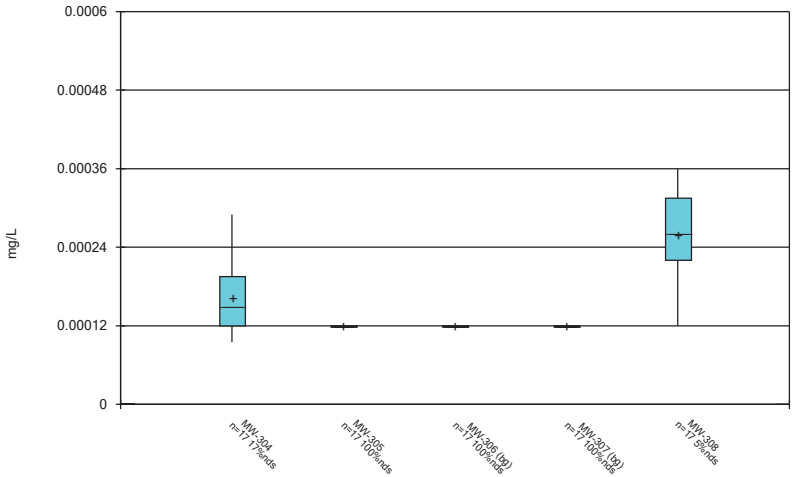
Box & Whiskers Plot



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

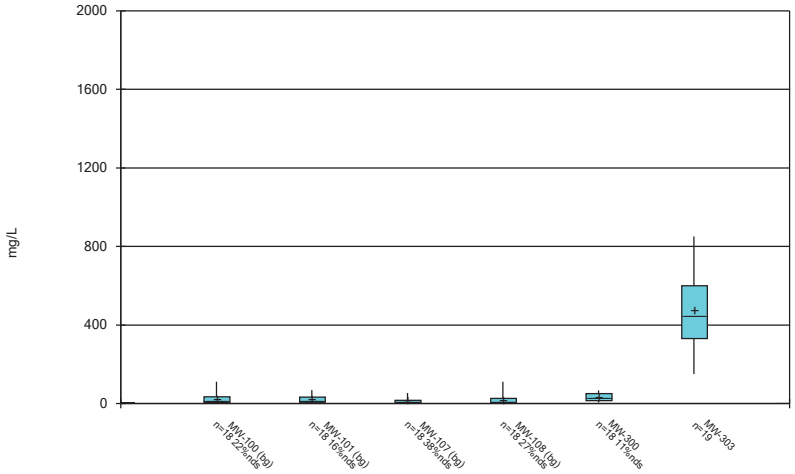
Sanitas™ v.9.6.28 . UG

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

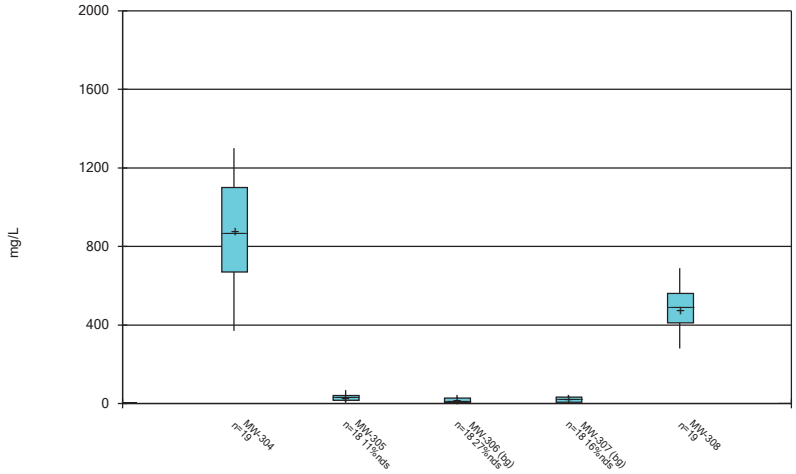
Box & Whiskers Plot



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

TABLE OF CONTENTS

Narrative ***3-14***

Summary Tables **15-48**

Date Ranges 15
100% Nondetect Summary 16-18
Prediction Limits Appendix III – 100 Series Wells 19-20
Prediction Limits Appendix III – 200 Series Wells 21-24
Prediction Limits Appendix III – 300 Series Wells 25-27
Trend Tests Appendix III – 100 Series Wells 28-29
Trend Tests Appendix III – 200 Series Wells 30-31
Trend Tests Appendix III – 300 Series Wells 32-33
Upper Tolerance Limits – Appendix IV 34
Groundwater Protection Standard Table 35
Confidence Intervals – 100 Series Wells 36-38
Confidence Intervals – 200 Series Wells 39-40
Confidence Intervals – 300 Series Wells 41-42
Trend Tests Appendix IV – 100 Series Wells 43
Trend Tests Appendix IV – 200 Series Wells 44
Trend Tests Appendix IV – 300 Series Wells 45
Outlier Summary 46-48

Prediction Limits – 100, 200 & 300 Series Wells **49-158**

Trend Tests Appendix III – 100, 200 & 300 Series Wells **159-214**

Confidence Intervals – 100, 200 & 300 Series Wells **215-251**

Trend Tests Appendix IV – 100, 200 & 300 Series Wells **252-273**

Time Series – 100, 200 & 300 Series Wells **274-450**

Box Plots – 100, 200 & 300 Series Wells **451-487**

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

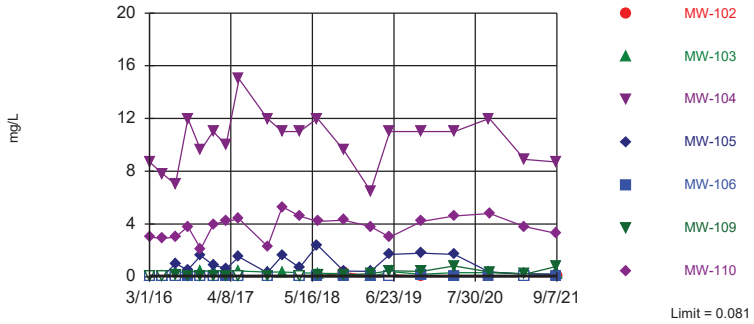
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	9/7/2021	0.018ND	No	114	n/a	n/a	84.21	n/a	n/a	0.0001523	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**9/7/2021**	**0.19**	**Yes**	**114**	**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.

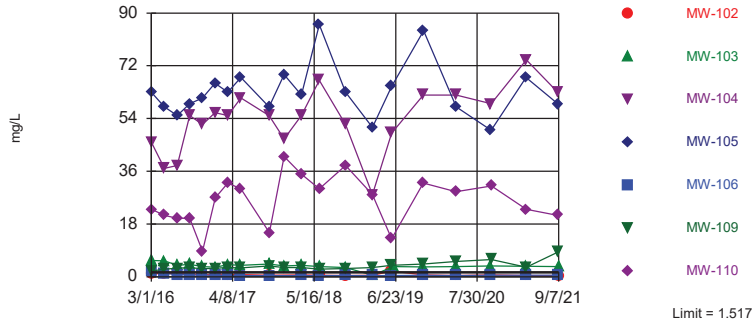
Constituent: Boron Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

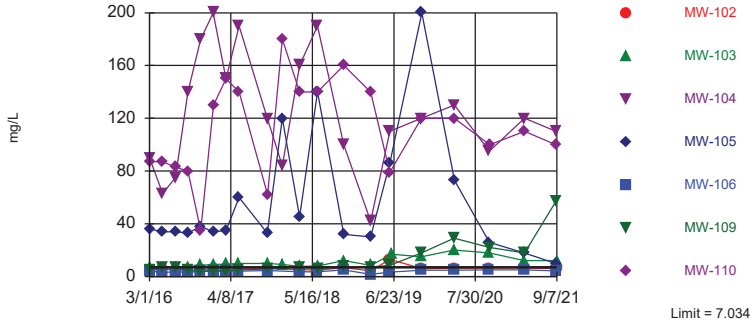
Constituent: Calcium Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

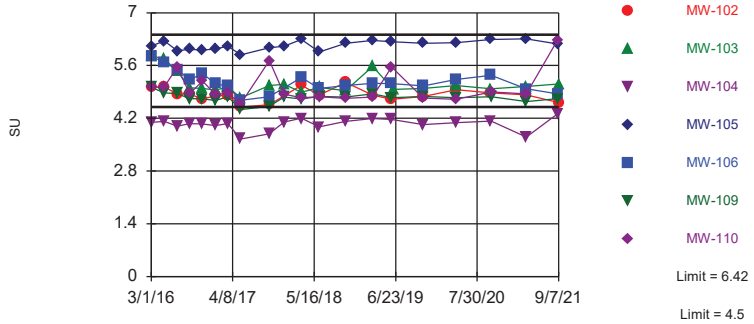
Constituent: Chloride Analysis Run 12/13/2021 8:14 AM View: 100 Series
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Exceeds Limits: MW-104

Prediction Limit

Interwell Non-parametric



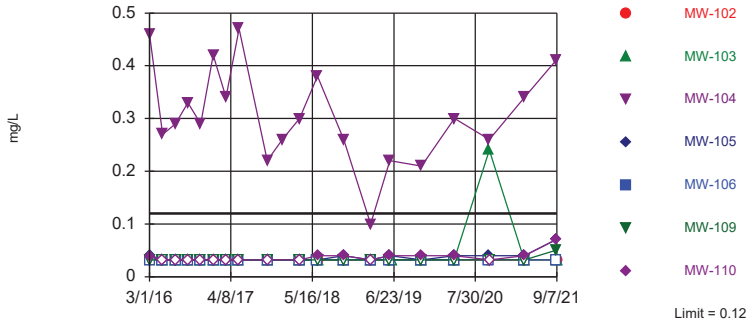
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 113 background values. Annual per-constituent alpha = 0.004341. Individual comparison alpha = 0.0003104 (1 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



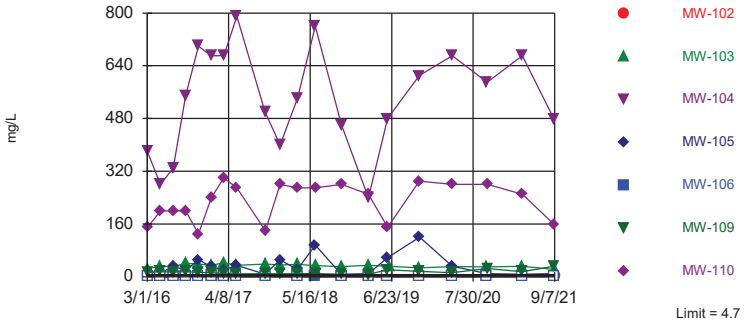
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 93.86% NDs. Annual per-constituent alpha = 0.00213. Individual comparison alpha = 0.0001523 (1 of 2). Comparing 7 points to limit.

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



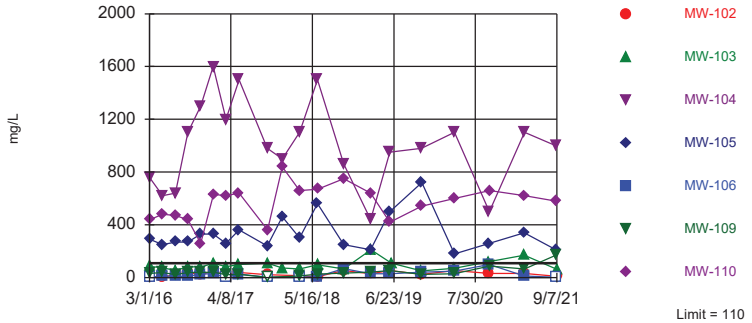
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 113 background values. 76.99% NDs. Annual per-constituent alpha = 0.002171. Individual comparison alpha = 0.0001552 (1 of 2). Comparing 7 points to limit.

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

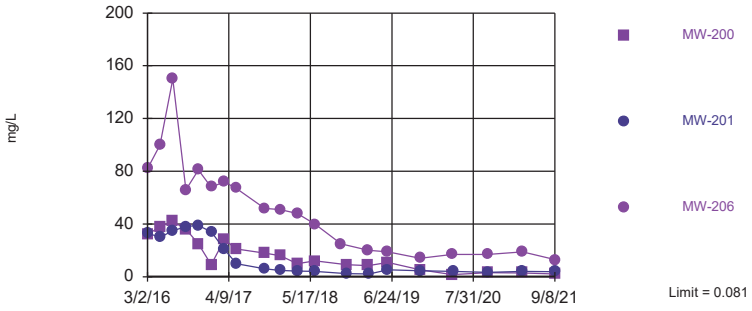
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**9/8/2021**	**2.1**	**Yes**	**114**	**n/a**	**n/a**	**84.21**	**n/a**	**n/a**	**0.0001528**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**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

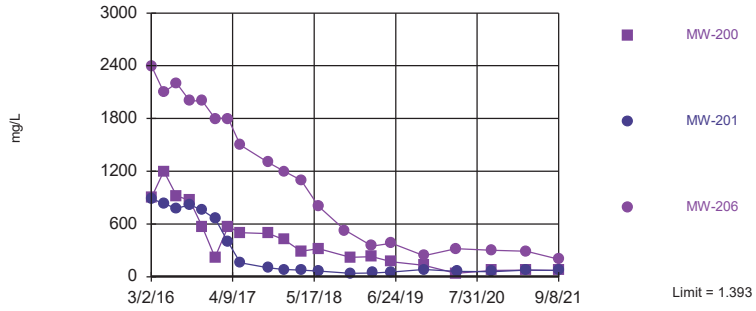
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

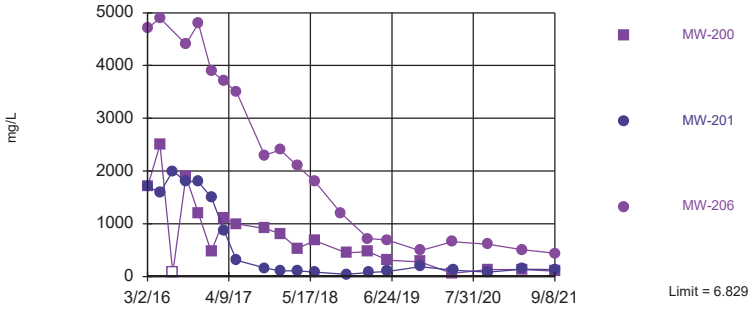
Sanitas™ v.9.6.32 . UG

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

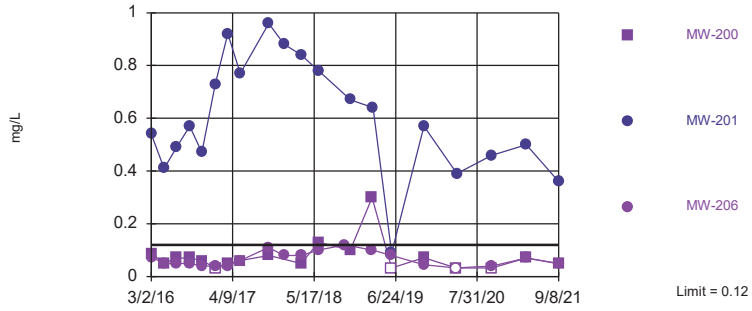
Sanitas™ v.9.6.32 . UG

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.

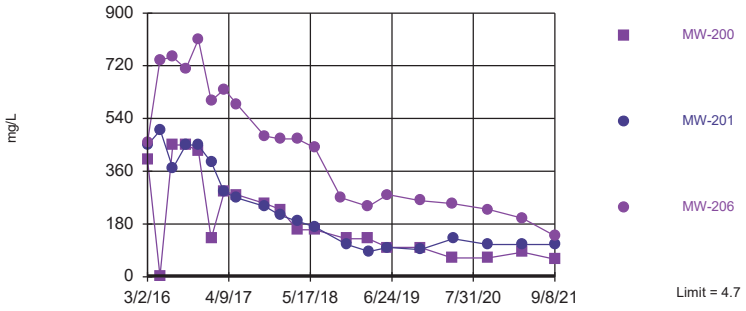
Constituent: Fluoride Analysis Run 12/13/2021 8:20 AM View: 200 Series Interwell

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

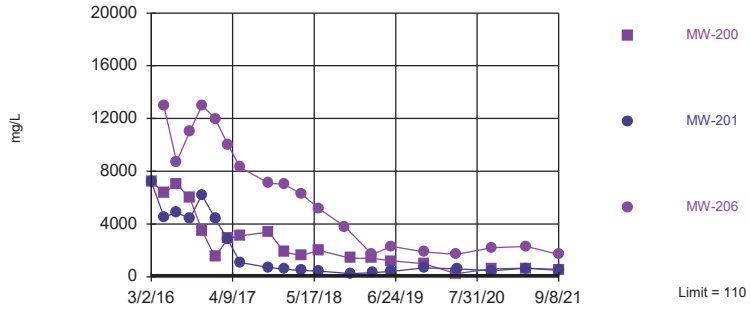
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

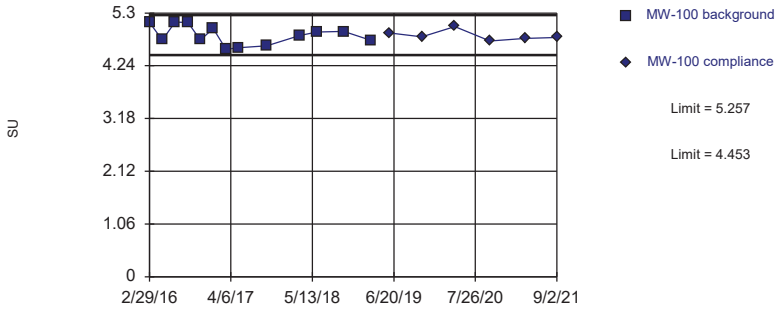
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.257	4.453	9/2/2021	4.81	No	13	4.855	0.1936	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-101	5.491	4.42	9/2/2021	5.07	No	13	4.955	0.258	0	None	No	0.001253	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

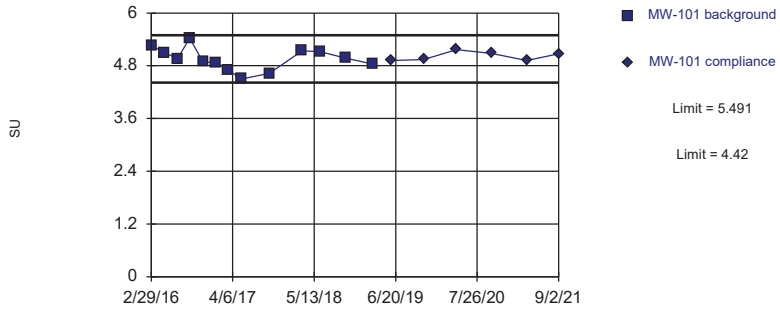
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

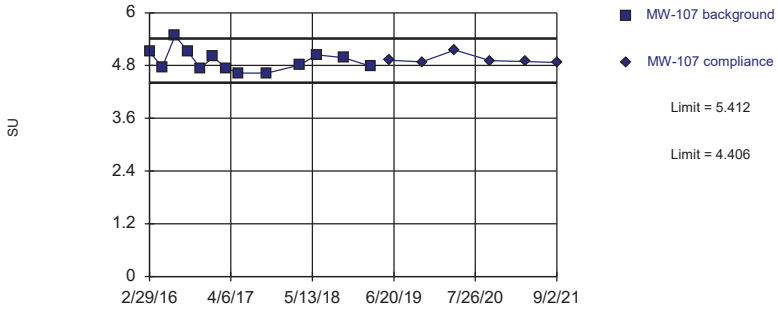
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

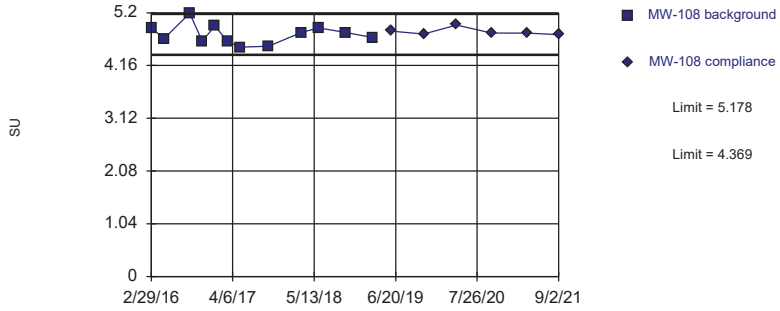
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

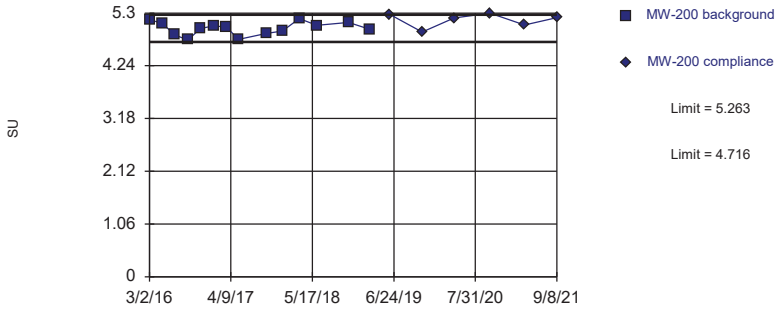
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

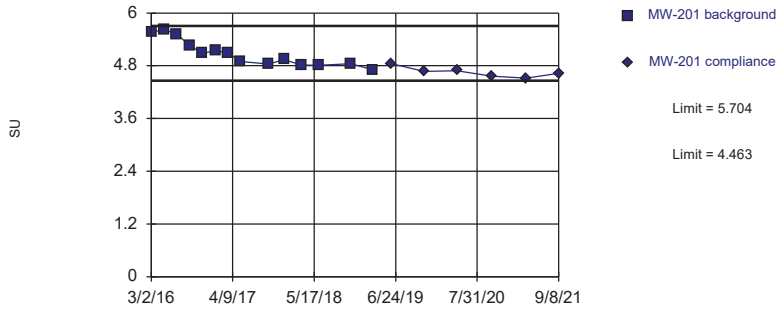
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

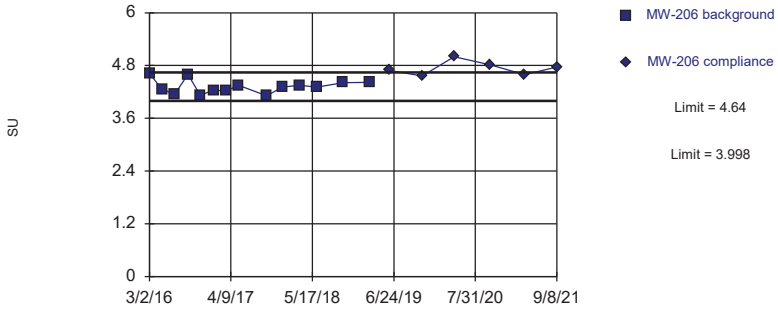
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

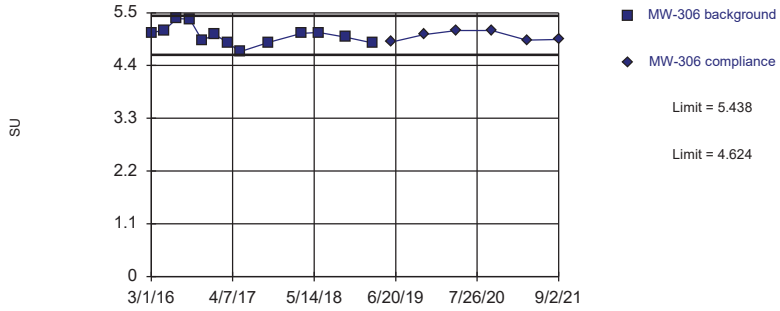
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

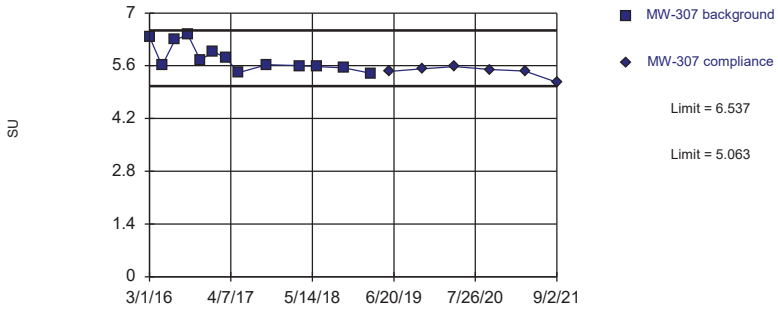
Constituent: Field pH Analysis Run 12/13/2021 8:48 AM View: 200 Series Interwell

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

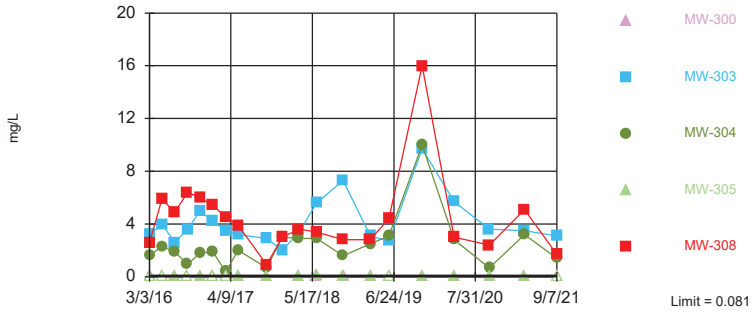
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/13/2021, 9:11 AM

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



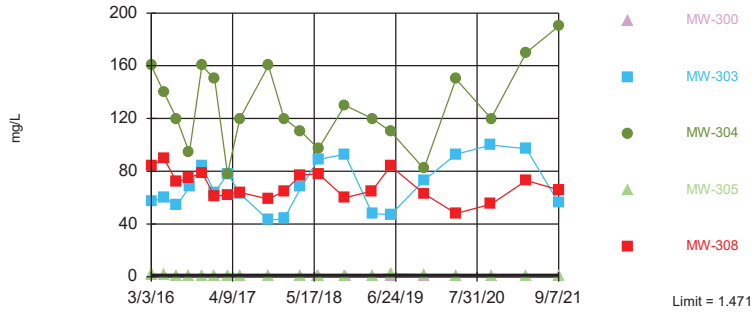
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 84.21% NDs. Annual per-constituent alpha = 0.001525. Individual comparison alpha = 0.0001526 (1 of 2). Comparing 5 points to limit.

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



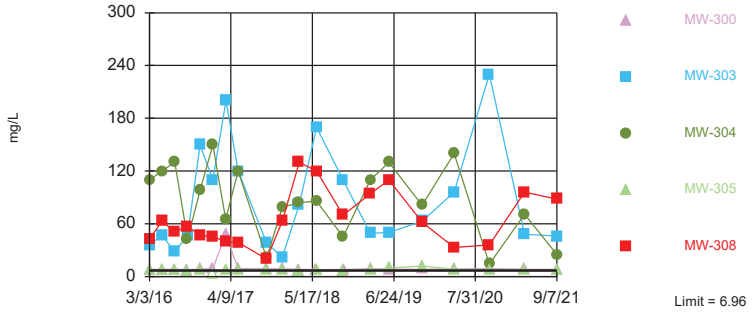
Background Data Summary (based on natural log transformation): Mean=-0.3715, Std. Dev.=0.4208, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 13.02, critical = 14.07. Kappa = 1.8 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. 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



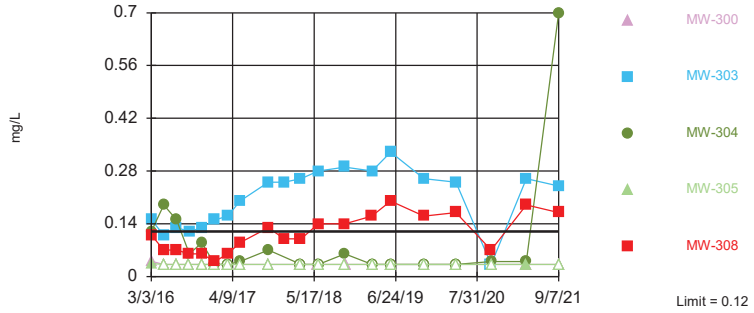
Background Data Summary (based on square root transformation): Mean=2.293, Std. Dev.=0.1916, n=114. Normality test: Chi Squared @alpha = 0.01, calculated = 10.74, critical = 14.07. Kappa = 1.8 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. 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



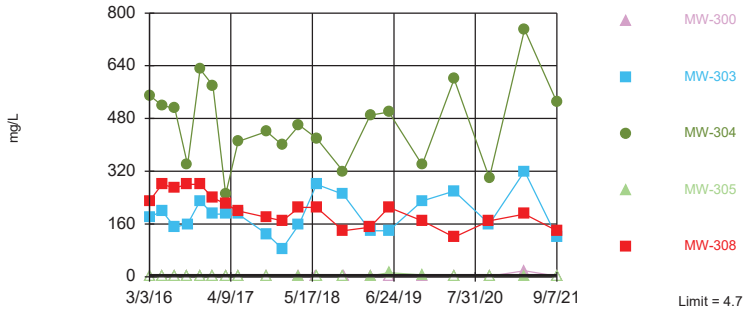
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 93.86% NDs. Annual per-constituent alpha = 0.001525. Individual comparison alpha = 0.0001526 (1 of 2). Comparing 5 points to limit.

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



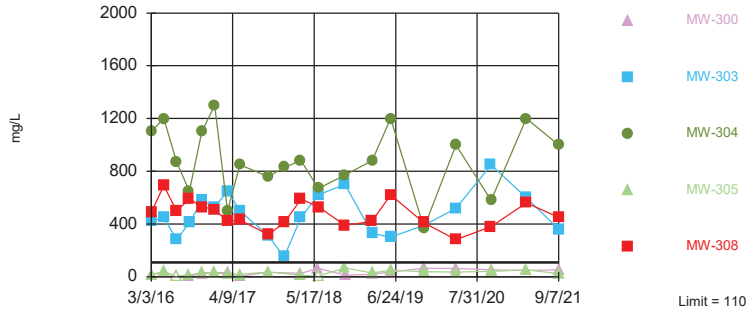
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 113 background values. 76.99% NDs. Annual per-constituent alpha = 0.001554. Individual comparison alpha = 0.0001555 (1 of 2). Comparing 5 points to limit.

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

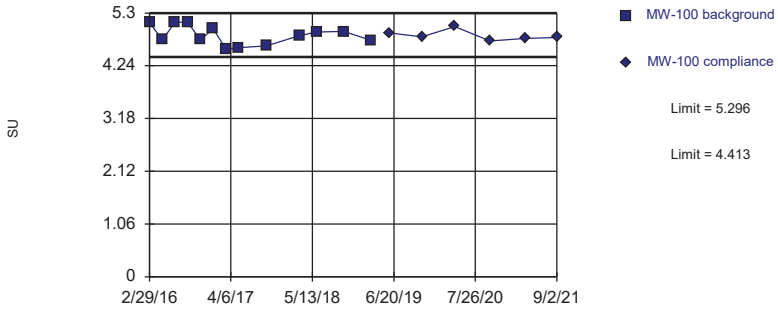
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	9/2/2021	4.81	No	13	4.855	0.1936	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-101	5.543	4.367	9/2/2021	5.07	No	13	4.955	0.258	0	None	No	0.000752	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

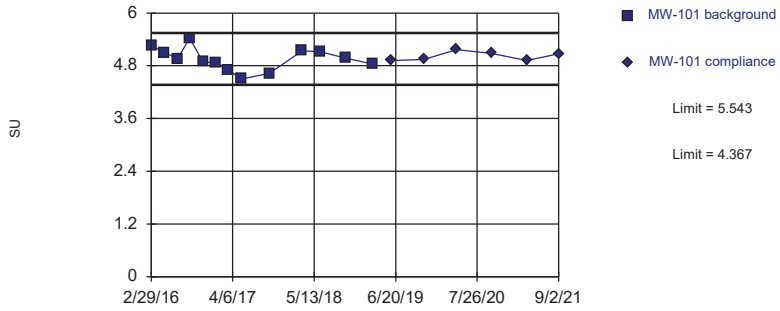
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

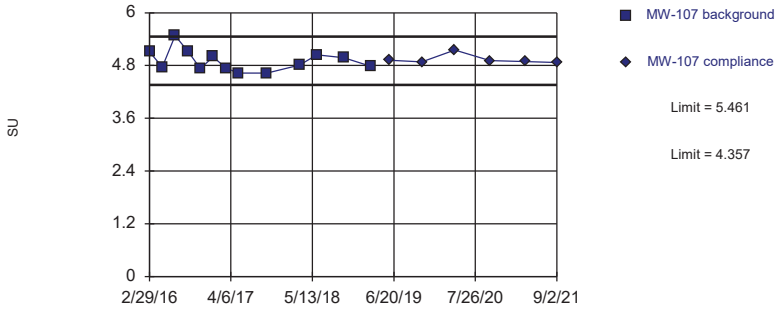
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

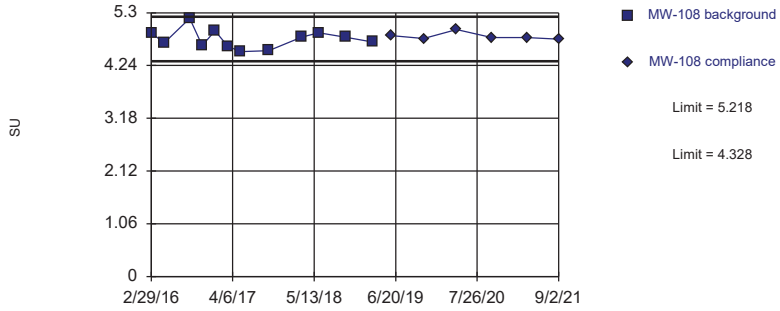
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

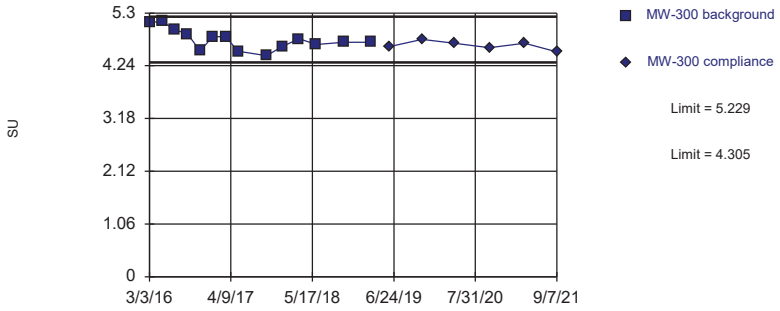
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

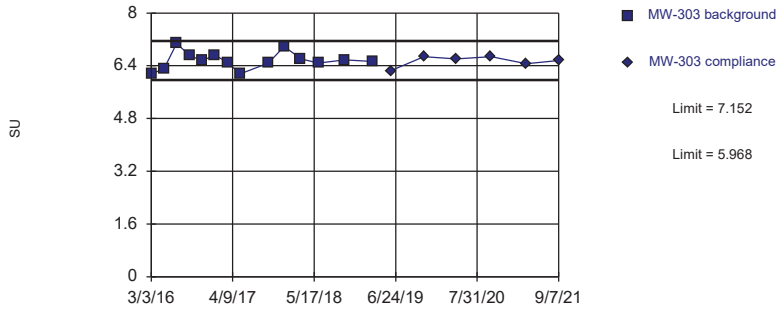
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

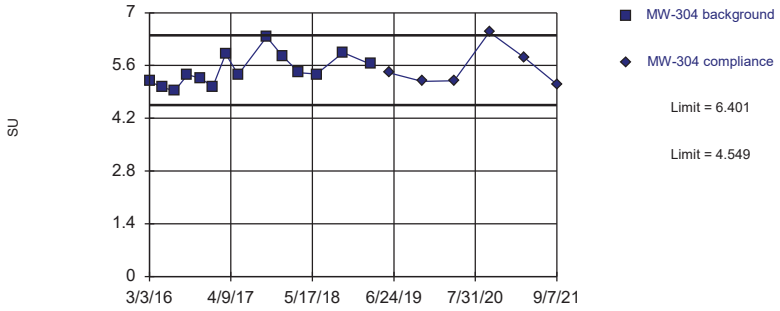
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

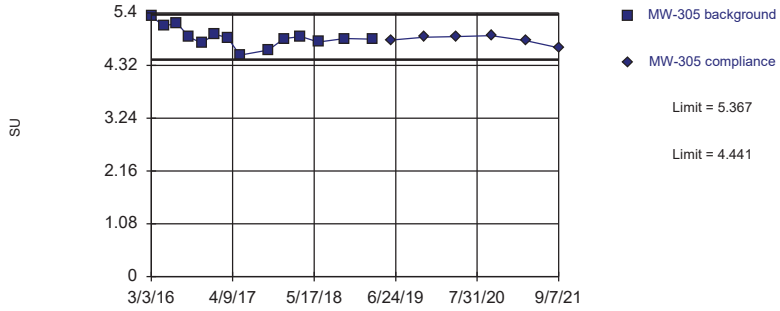
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . 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 12/13/2021 9:13 AM View: 300 Series Intrawell

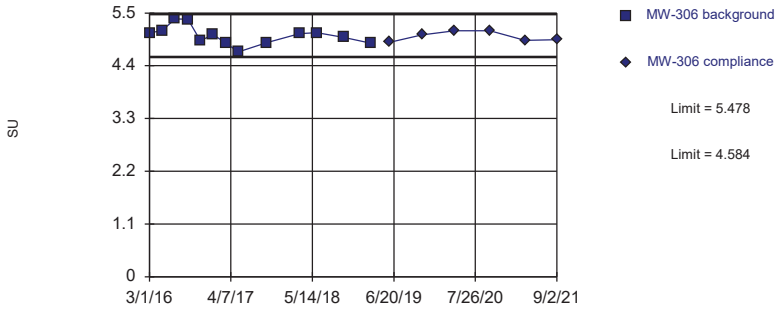
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

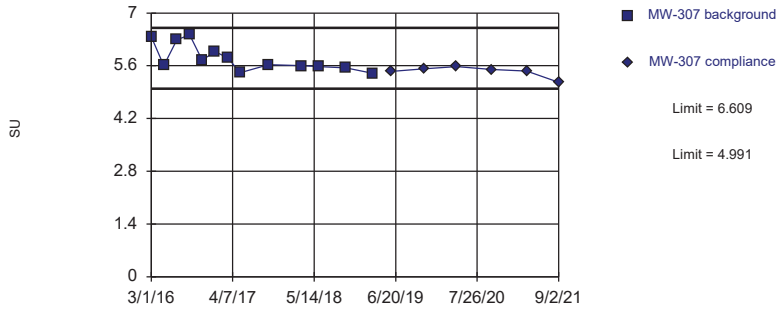
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

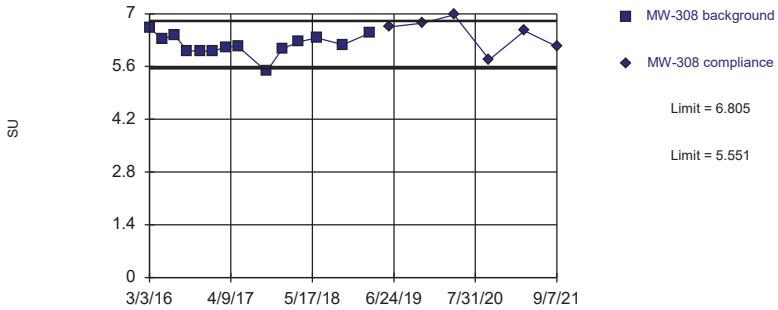
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

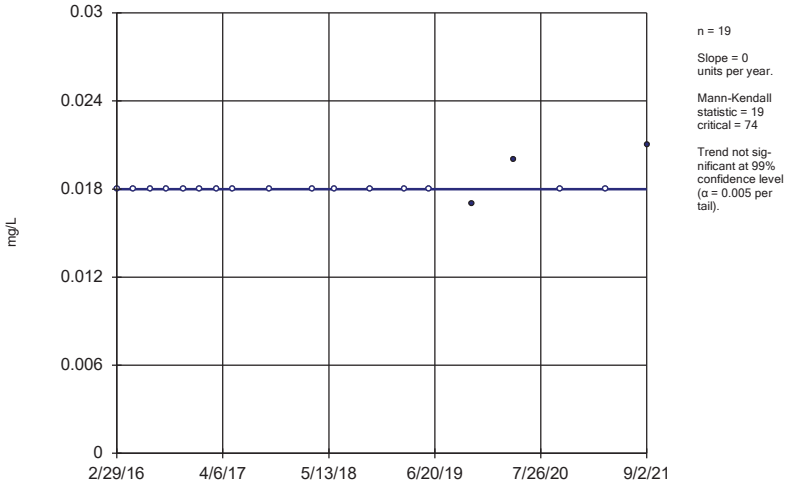
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/15/2021, 6:52 AM

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

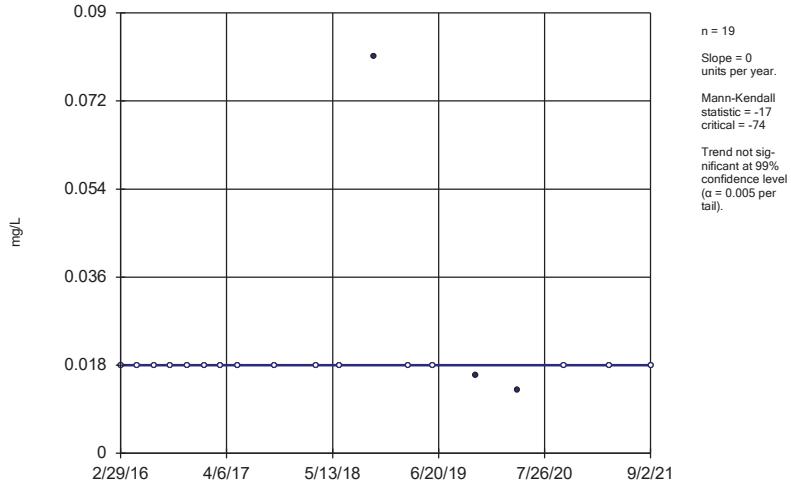
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

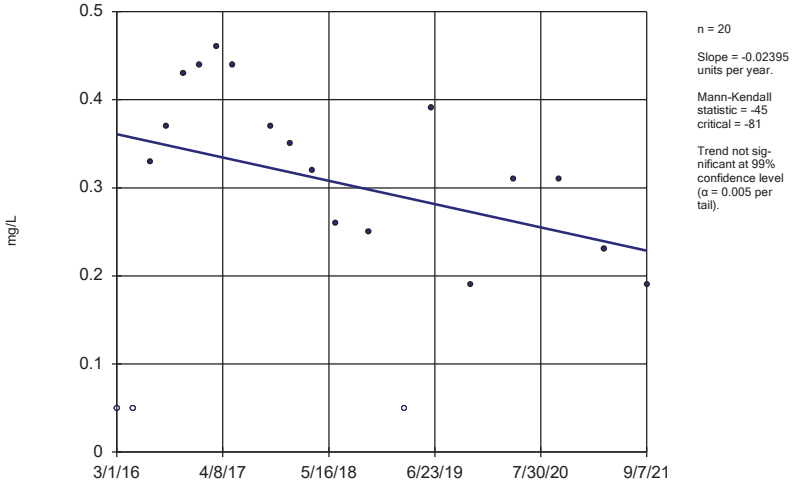
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

Sanitas™ v.9.6.32 . UG
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

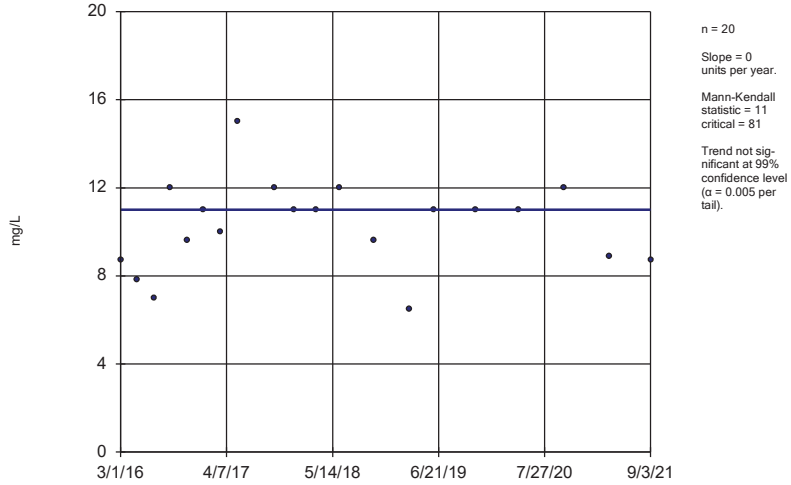
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

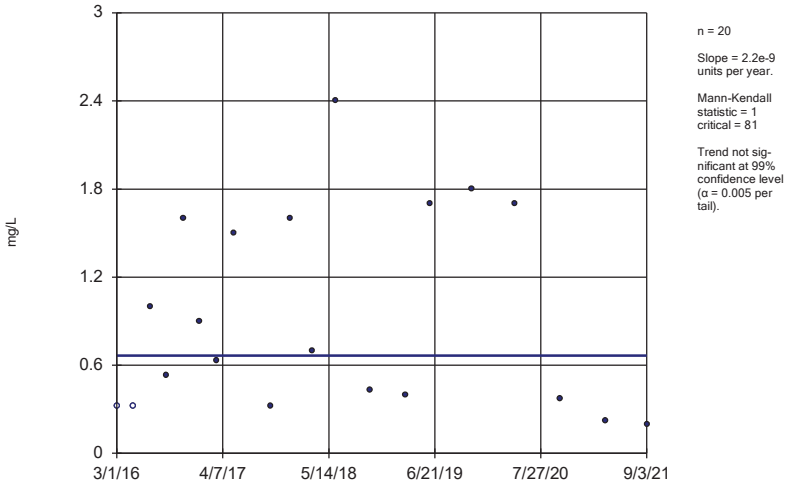
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

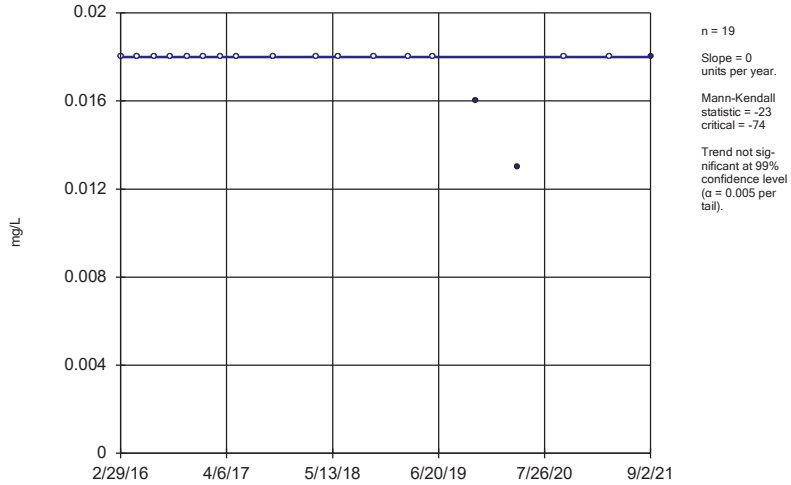
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

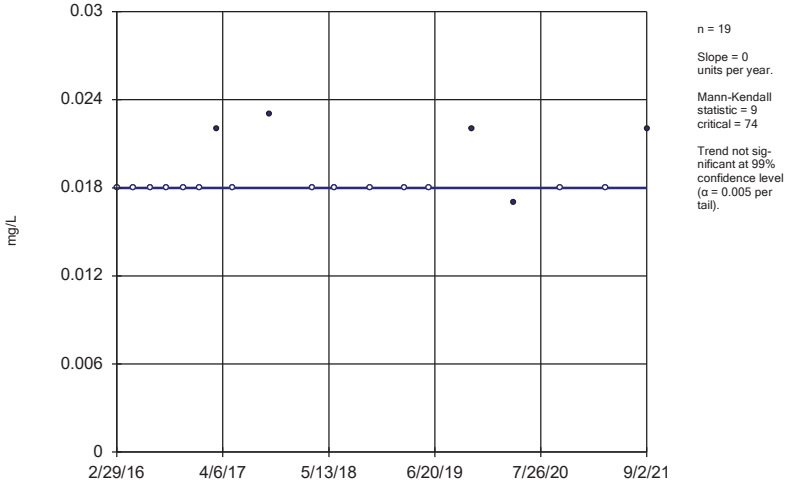
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

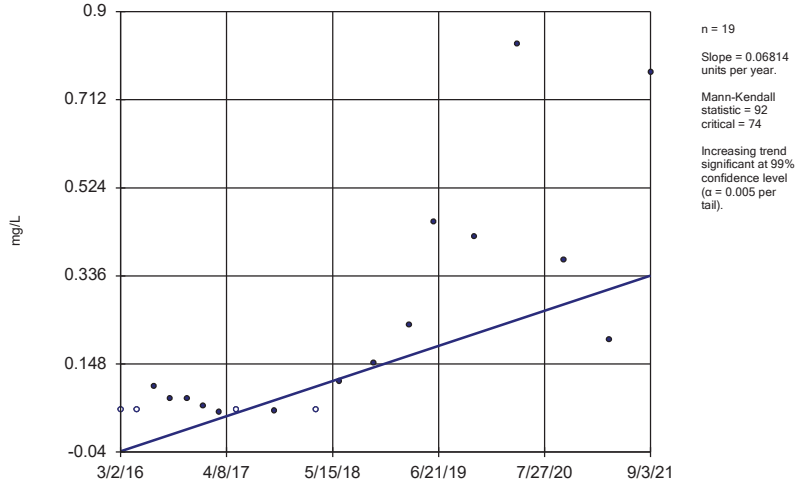
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

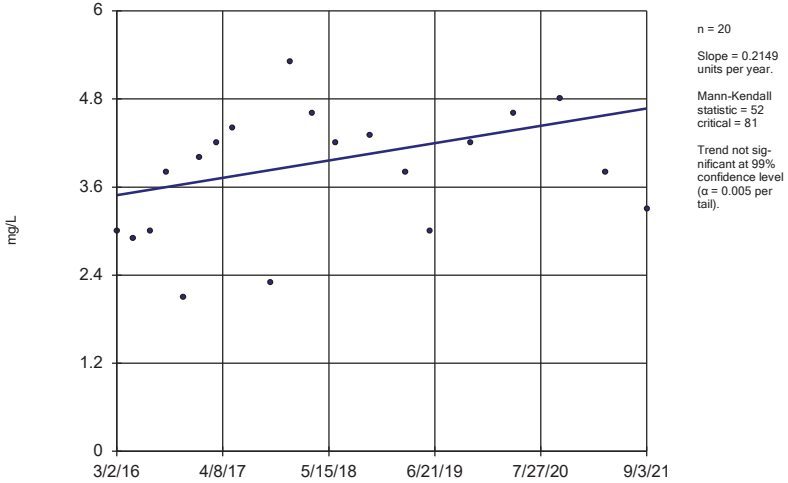
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

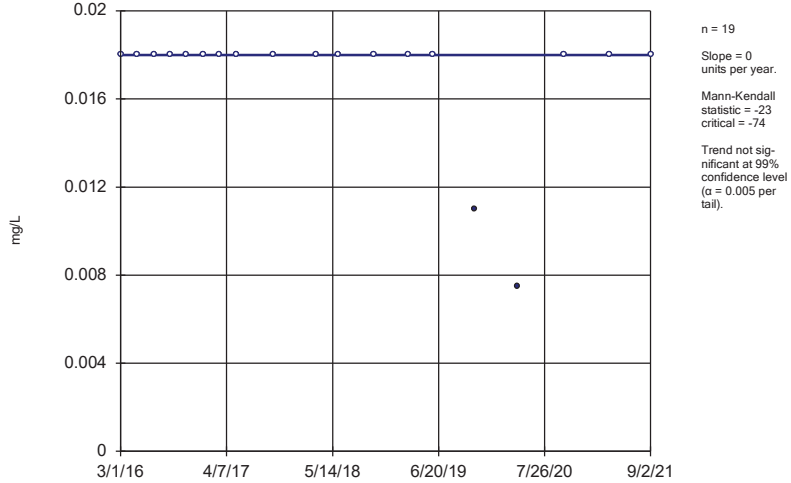
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

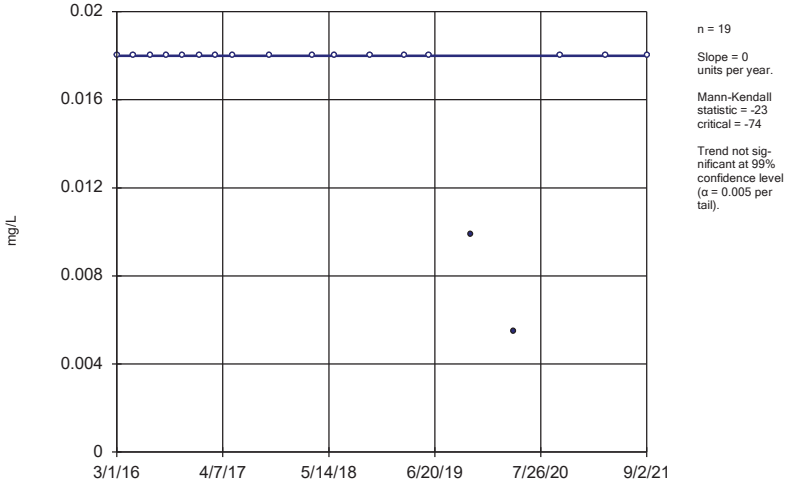
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

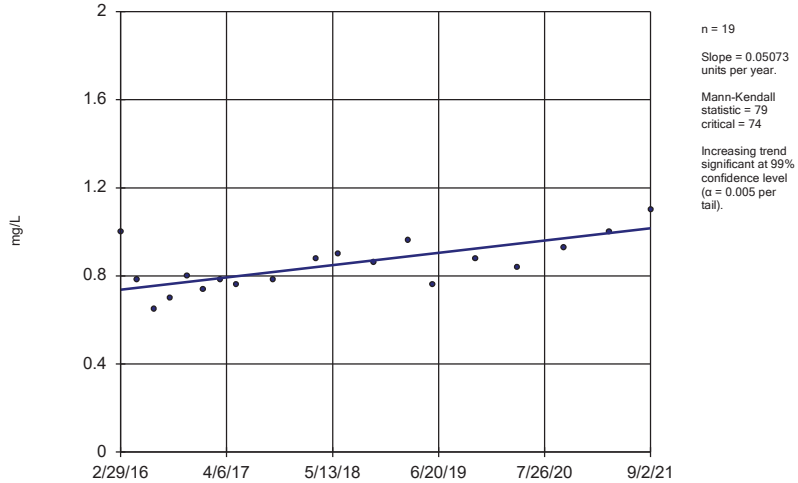
Constituent: Boron Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

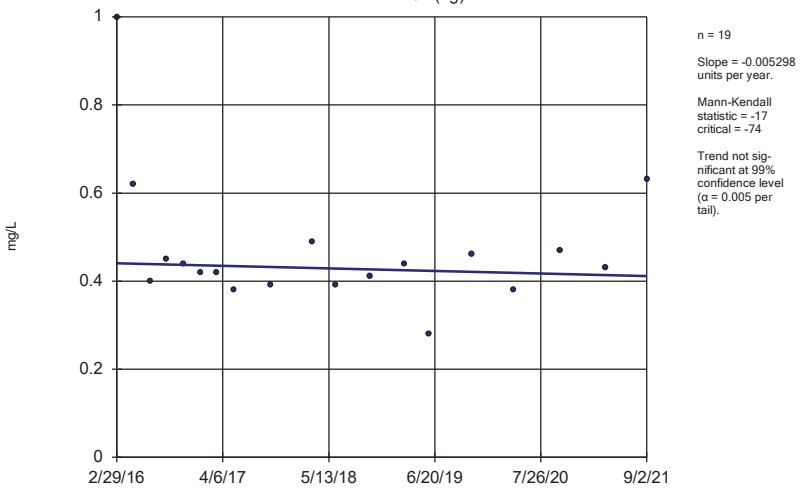
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

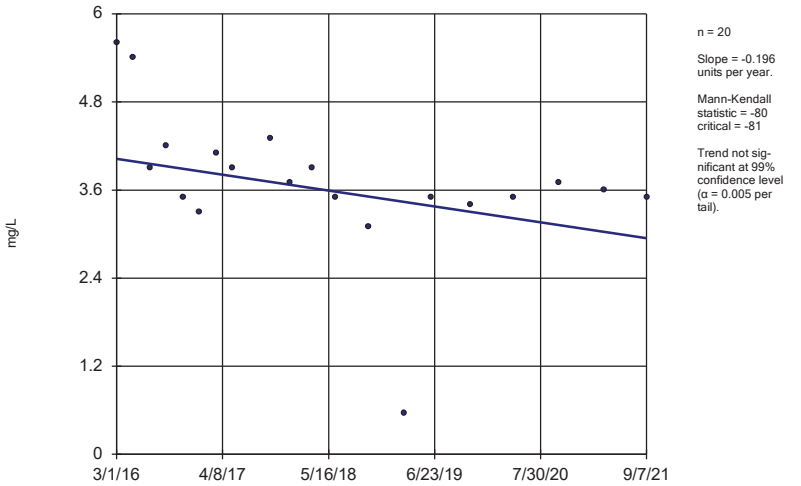
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 12/15/2021 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

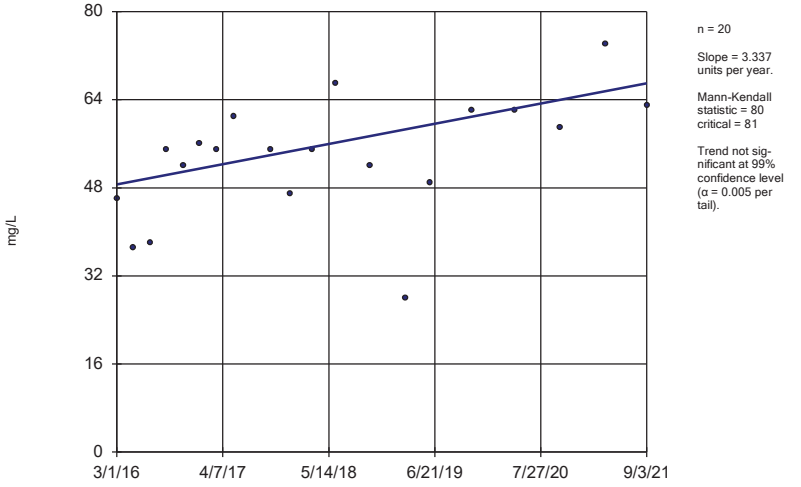
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

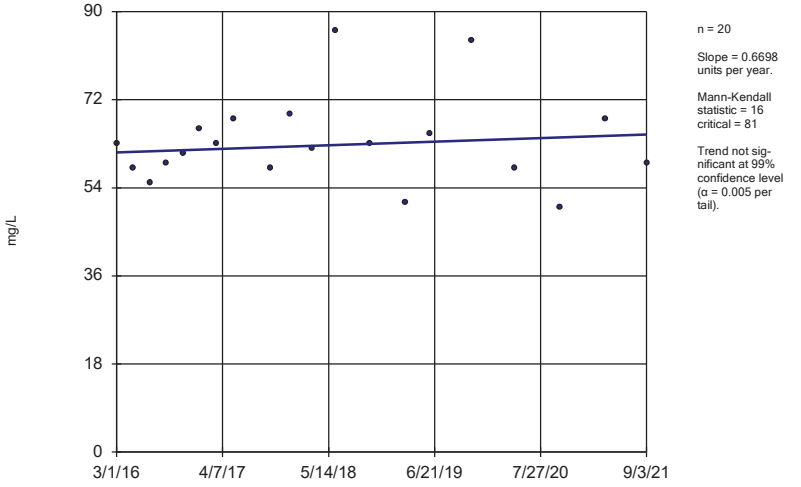
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

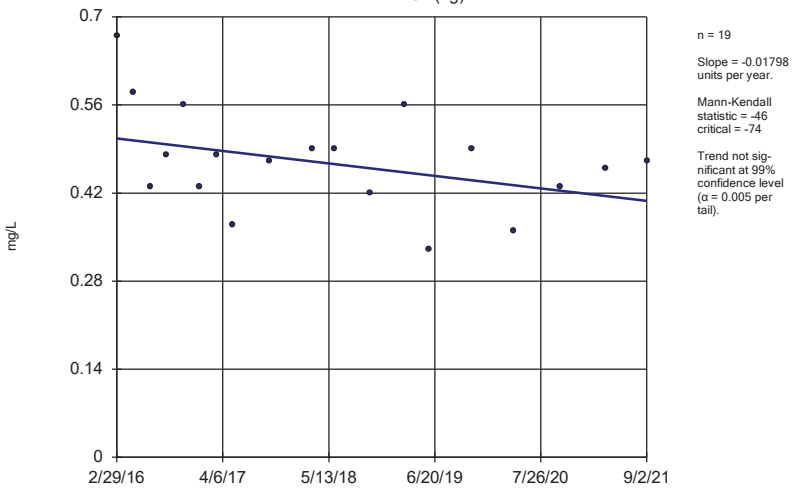
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

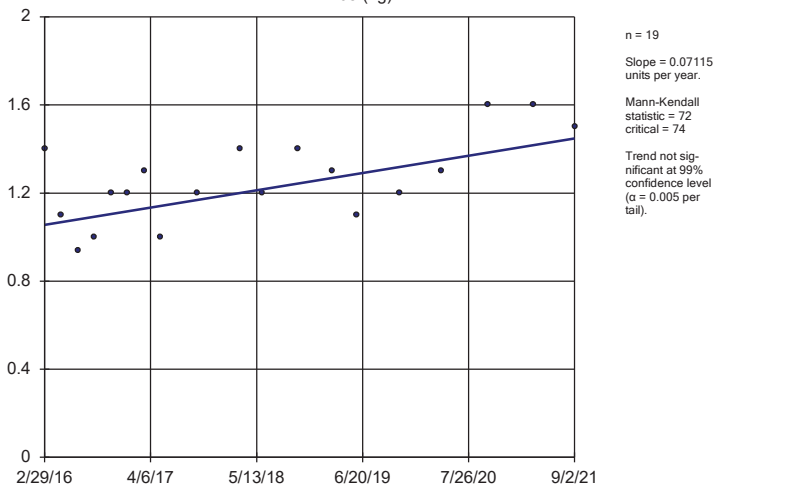
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

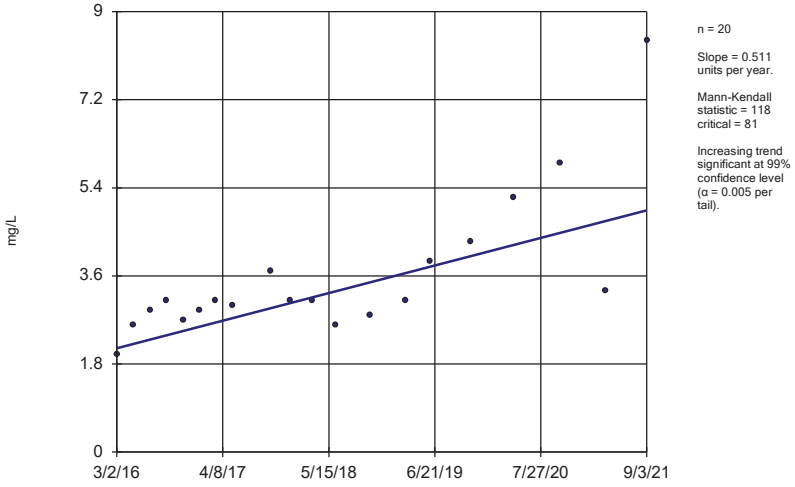
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

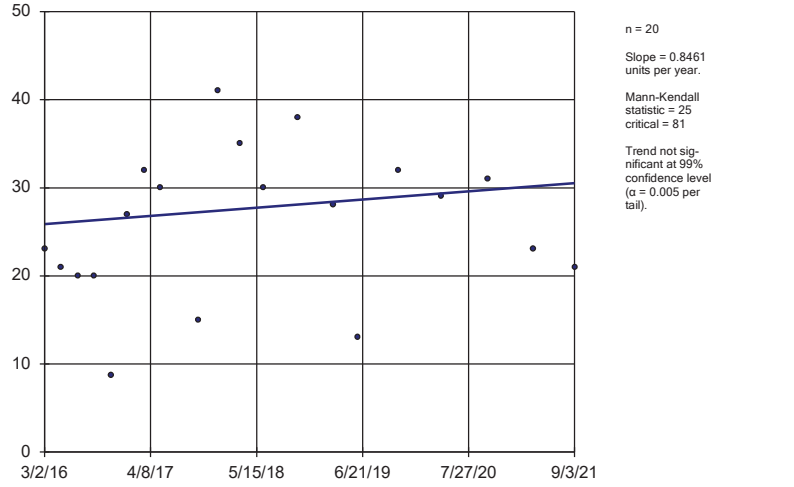
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

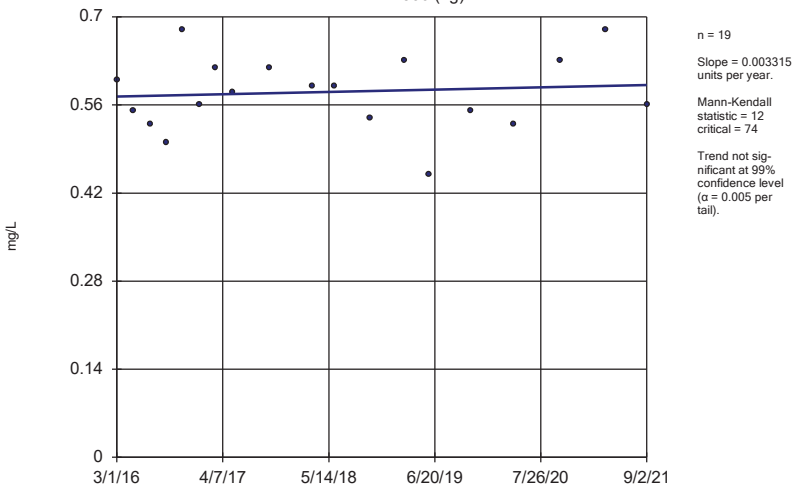
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

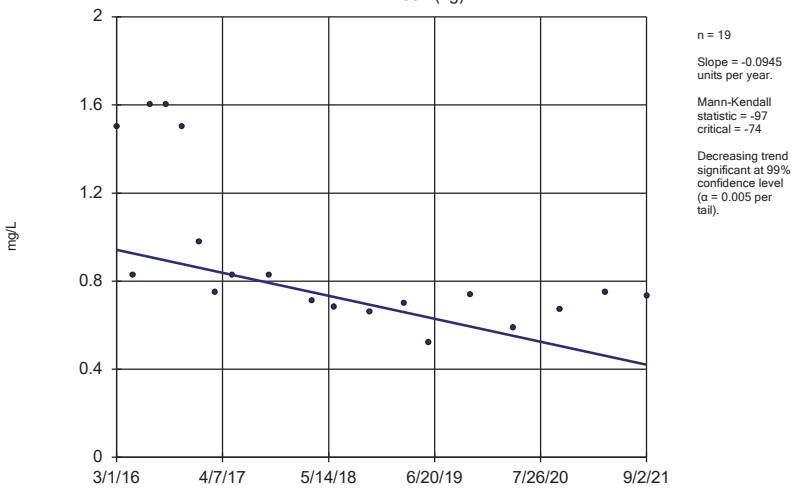
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

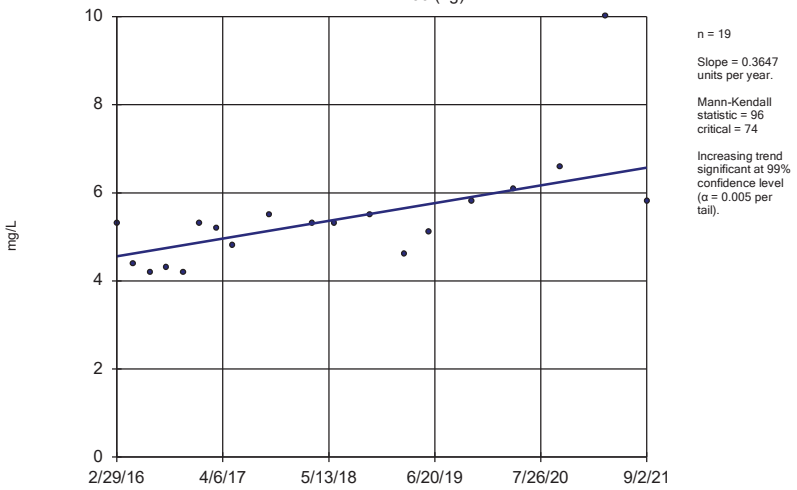
Constituent: Calcium Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

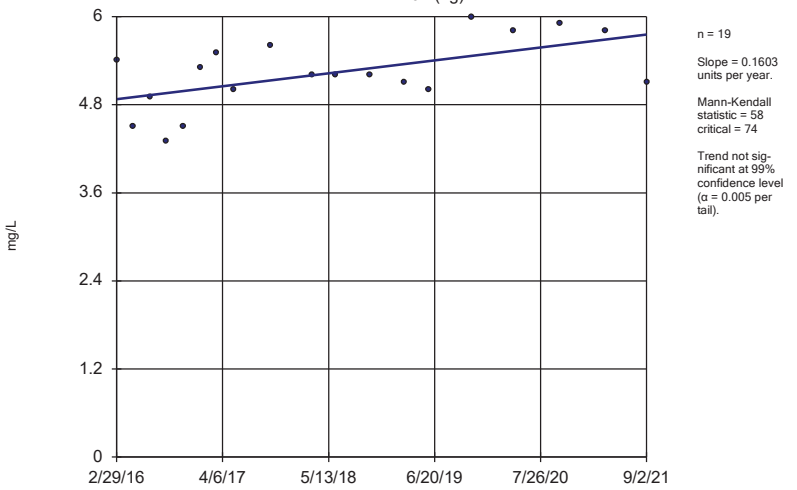
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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

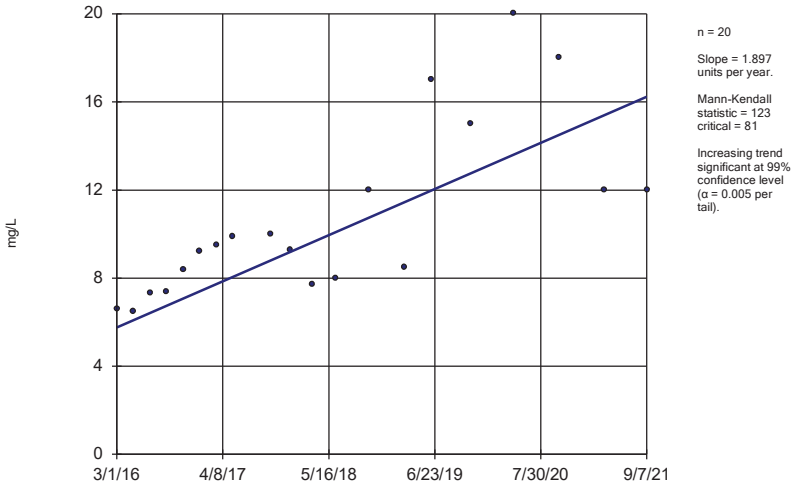
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

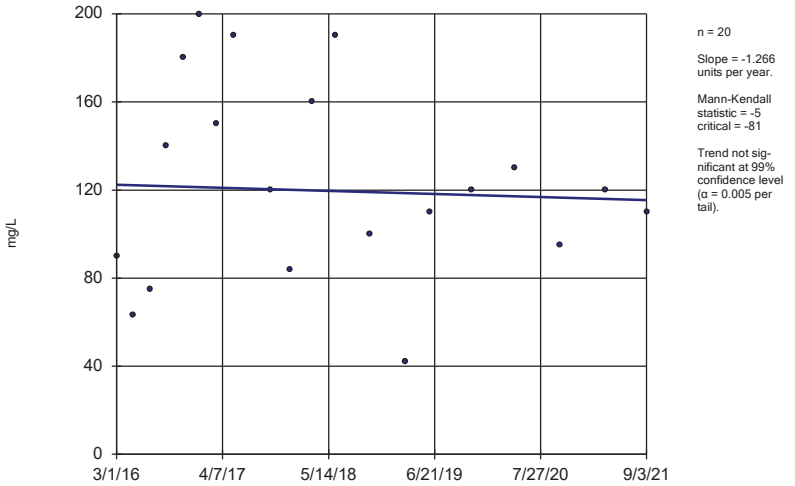
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

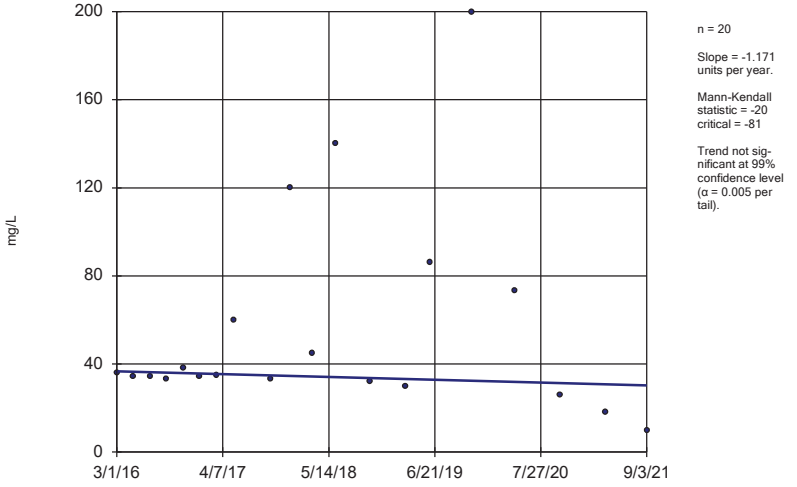
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

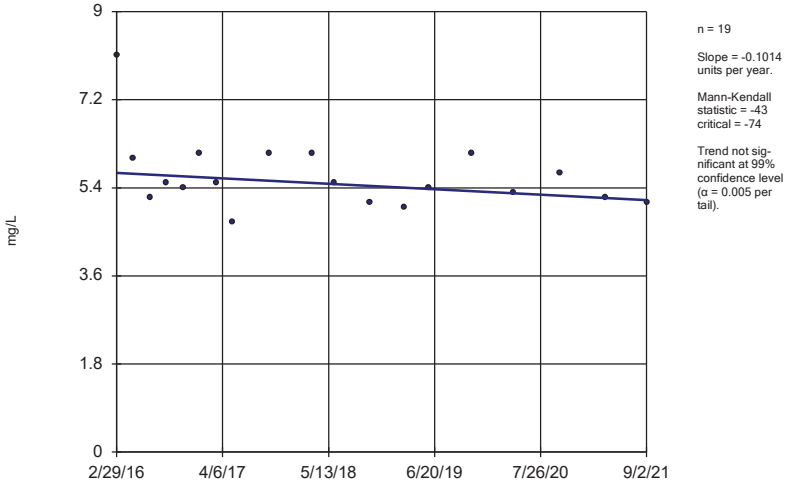
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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

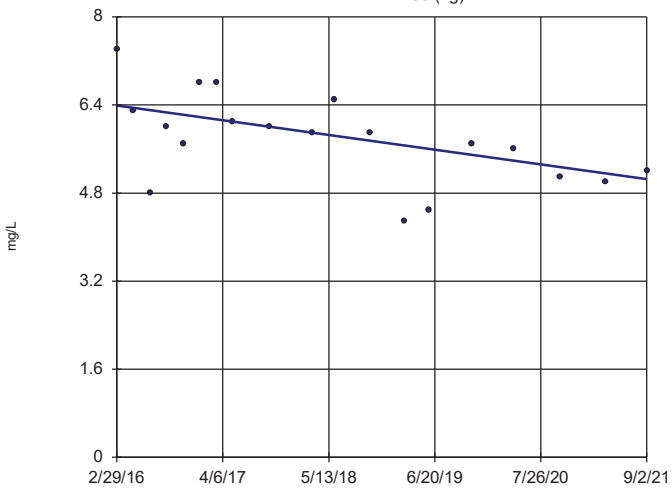
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

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).

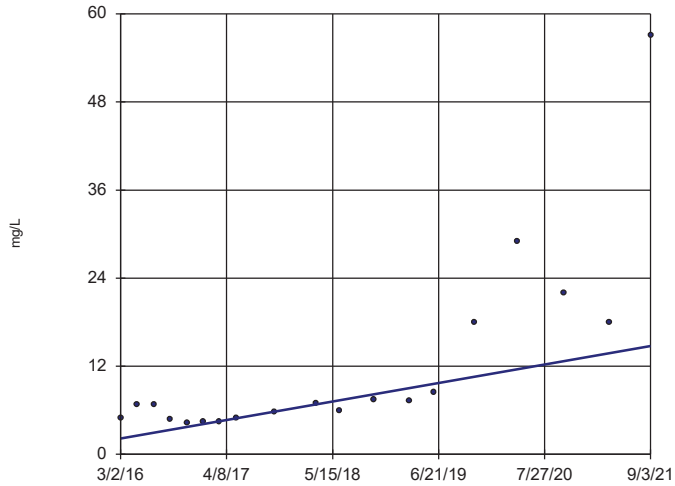
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

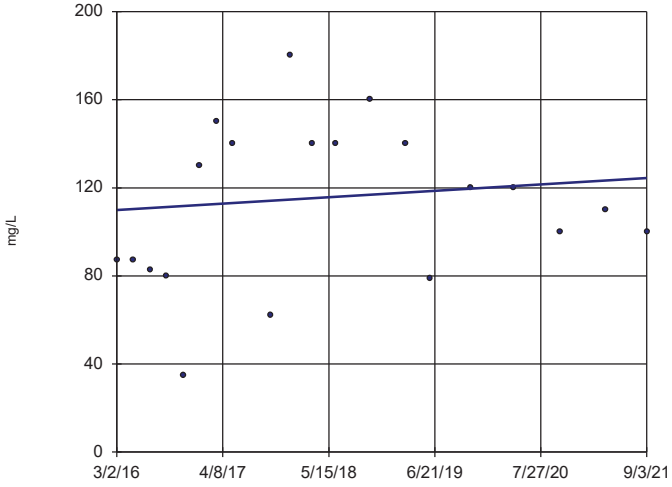
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

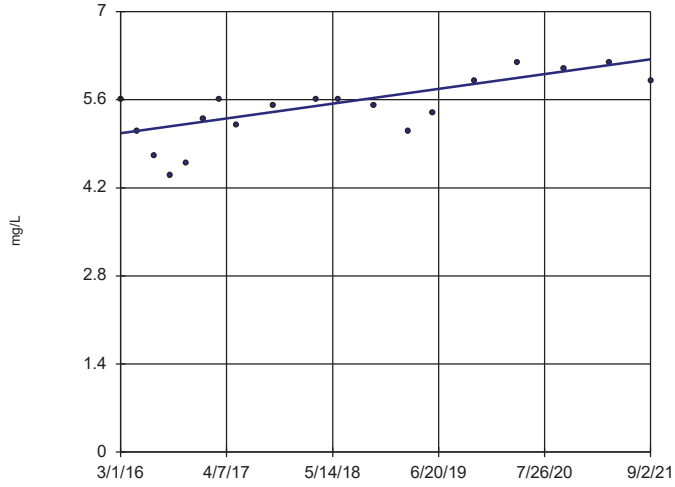
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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

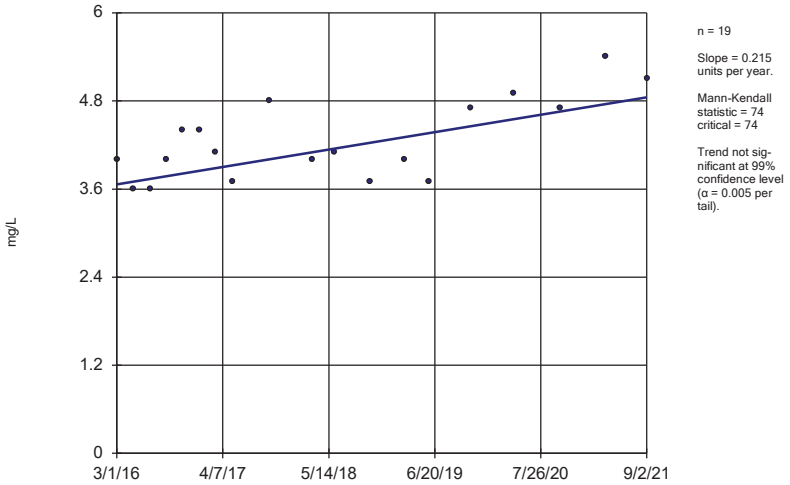
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

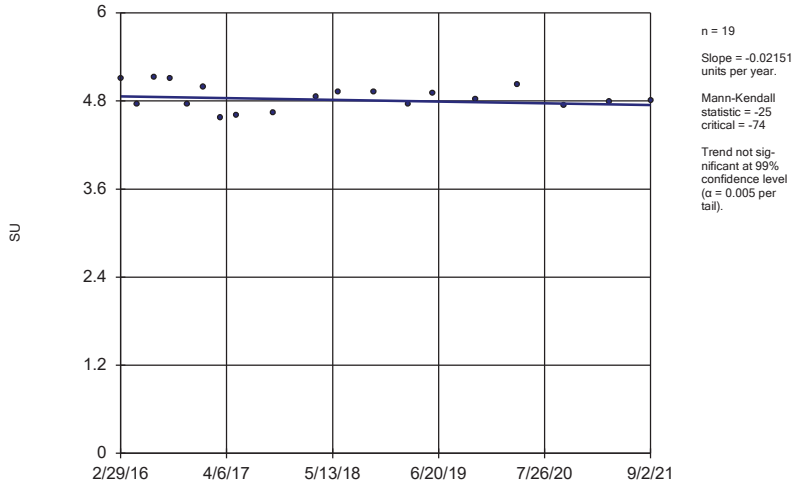
Constituent: Chloride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

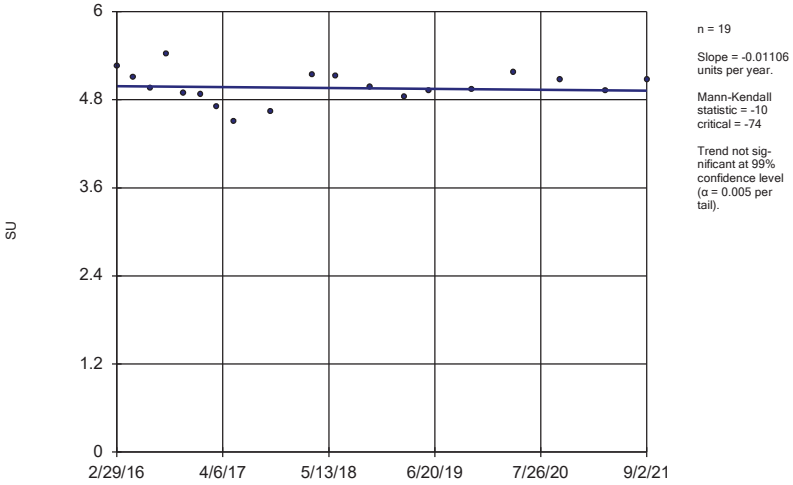
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

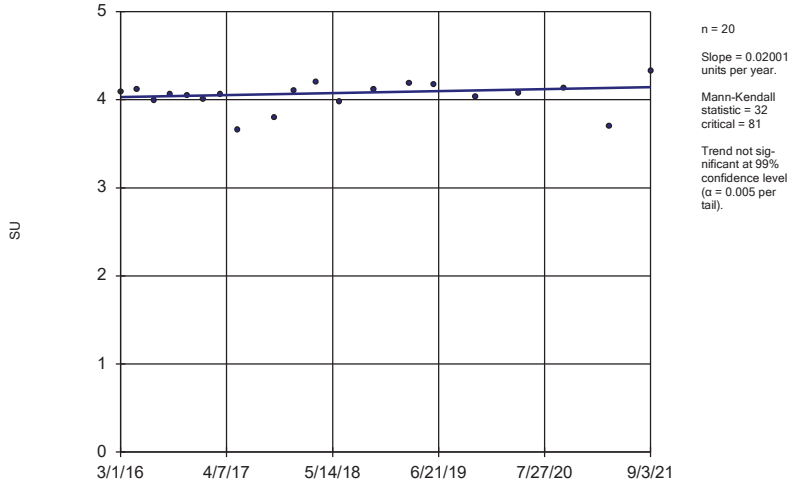
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

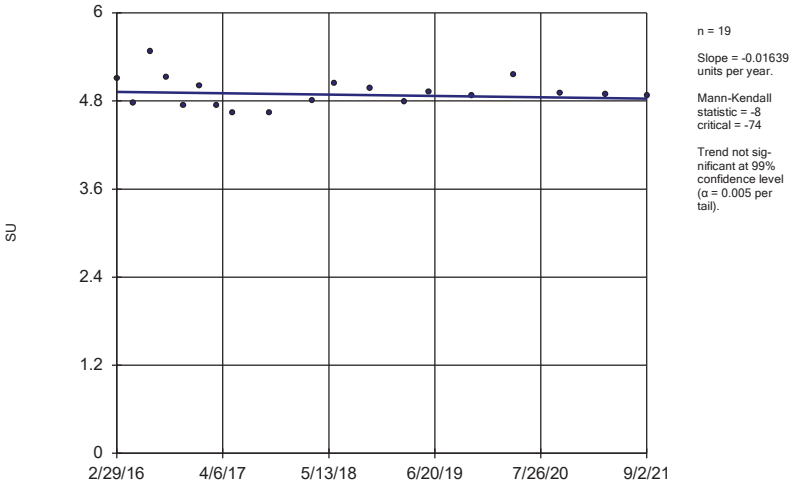
Constituent: Field pH Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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

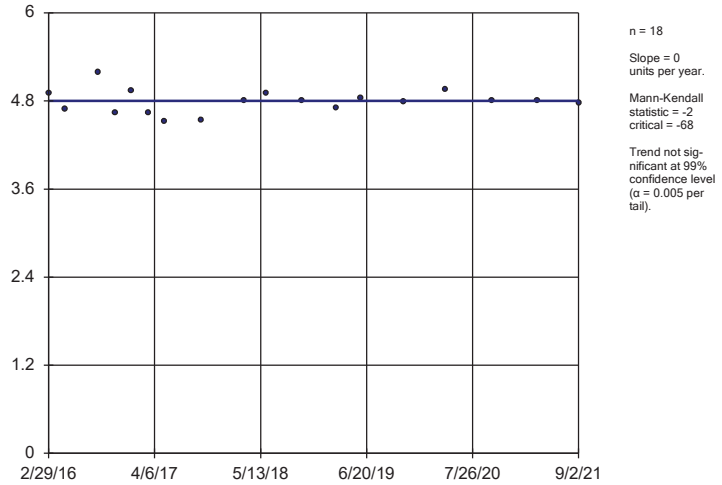
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

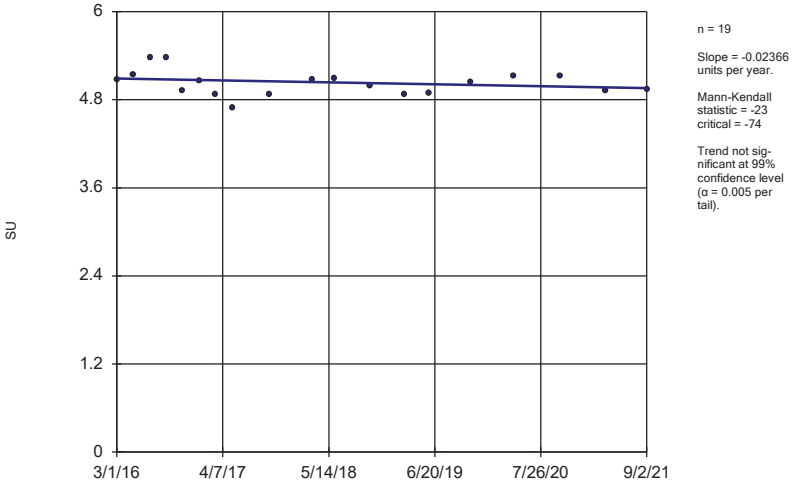
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

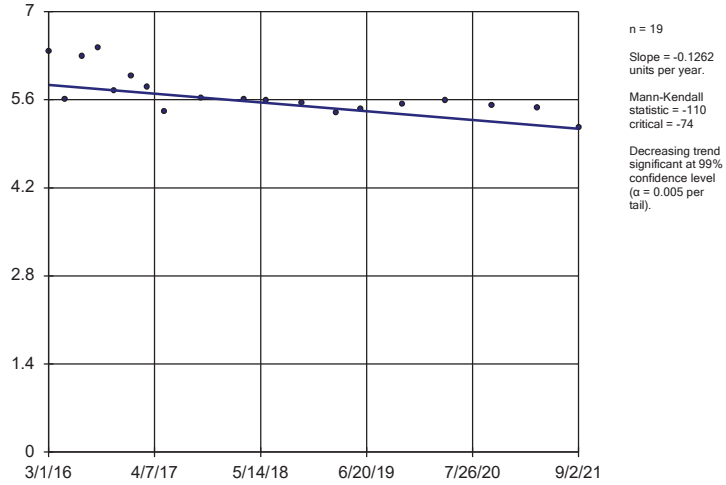
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

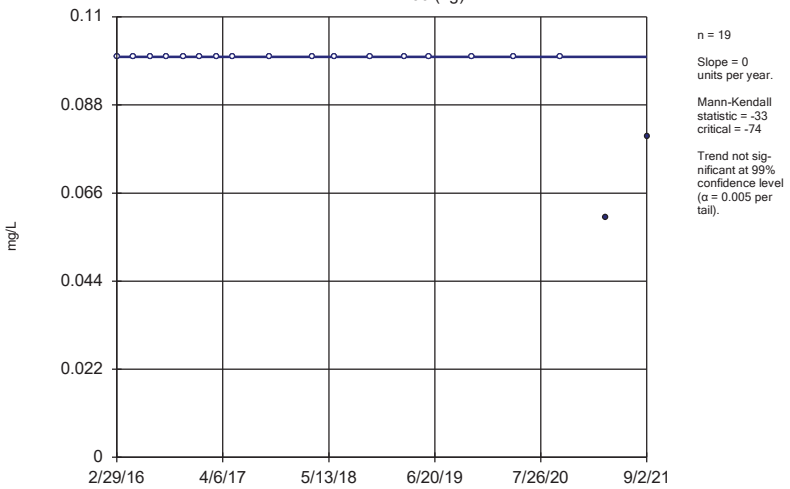
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

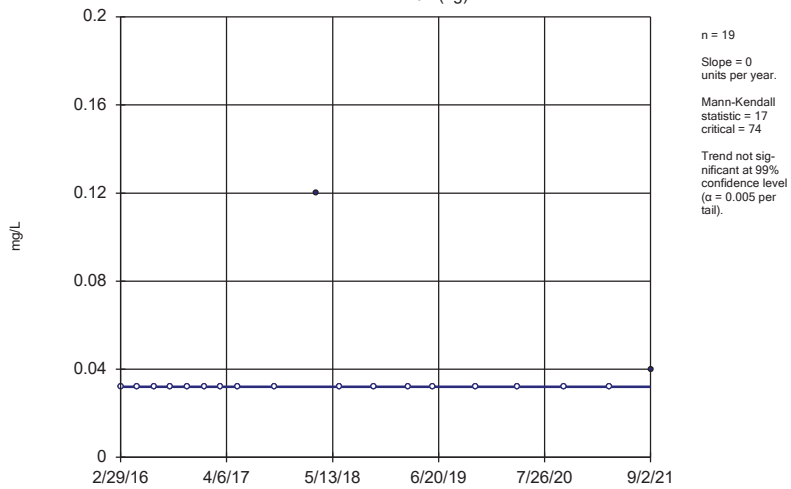
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

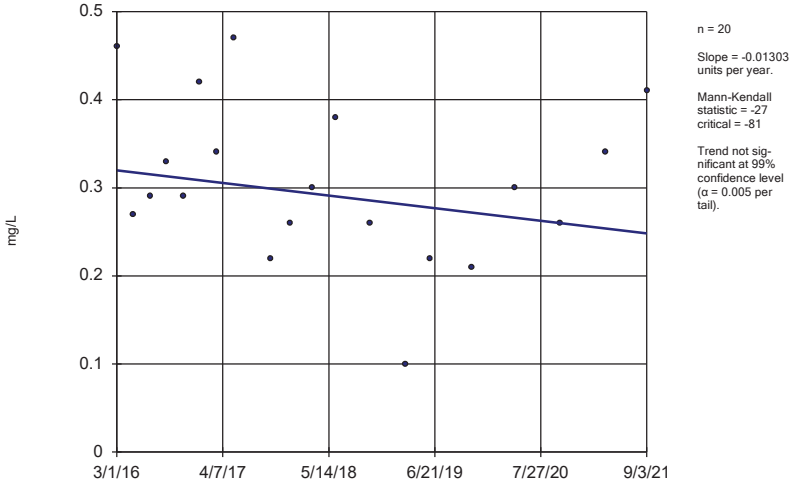
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

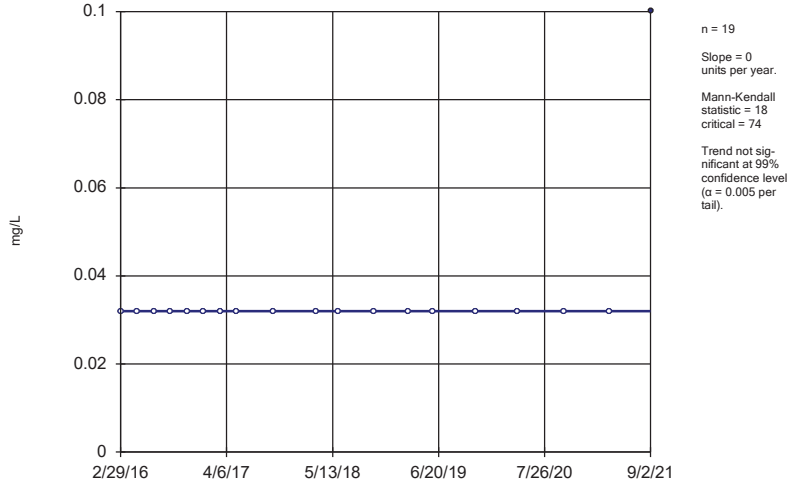
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

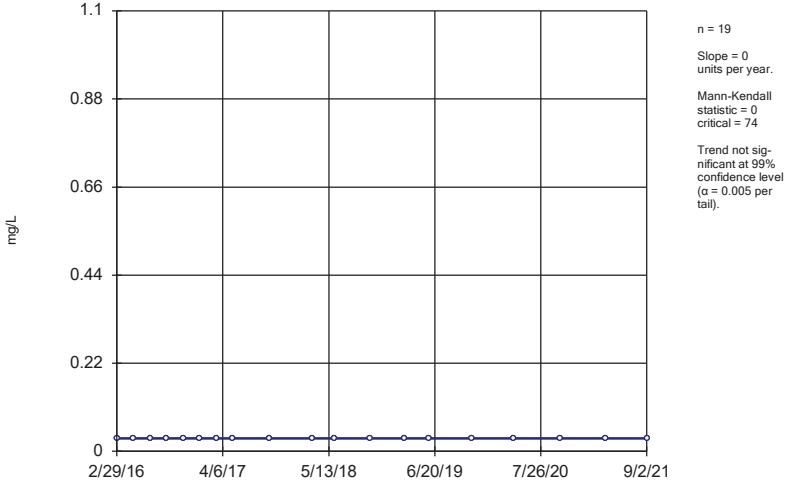
Trend not significant at 99% confidence level (α = 0.005 per tail).

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)



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).

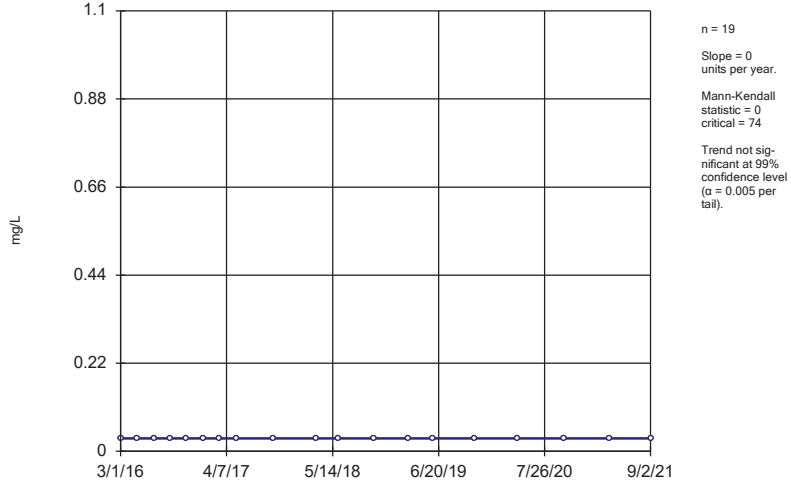
Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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 = 0 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

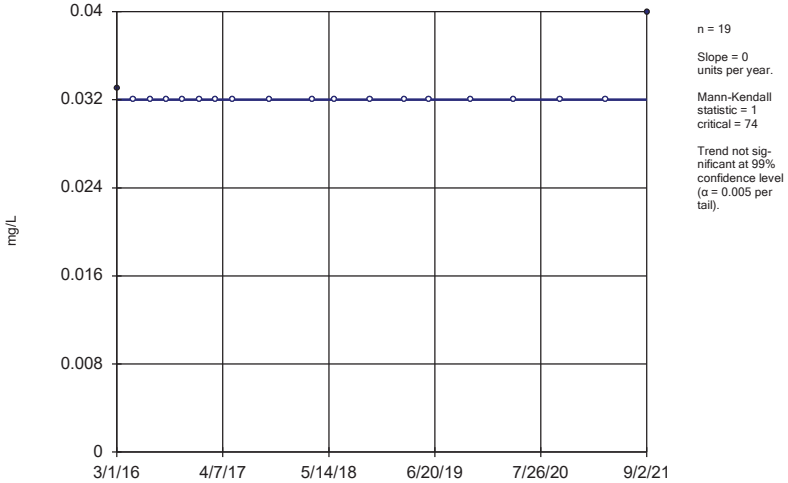
Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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-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).

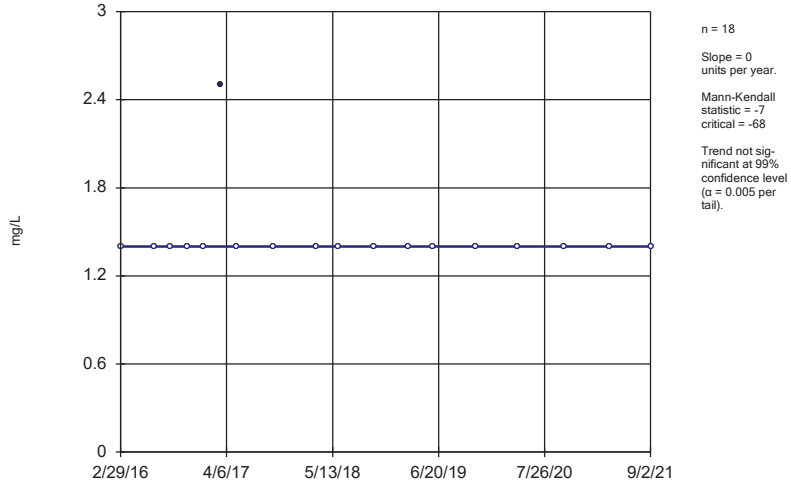
Constituent: Fluoride Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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 = 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 12/15/2021 6:23 AM View: 100 Series Trend Tests

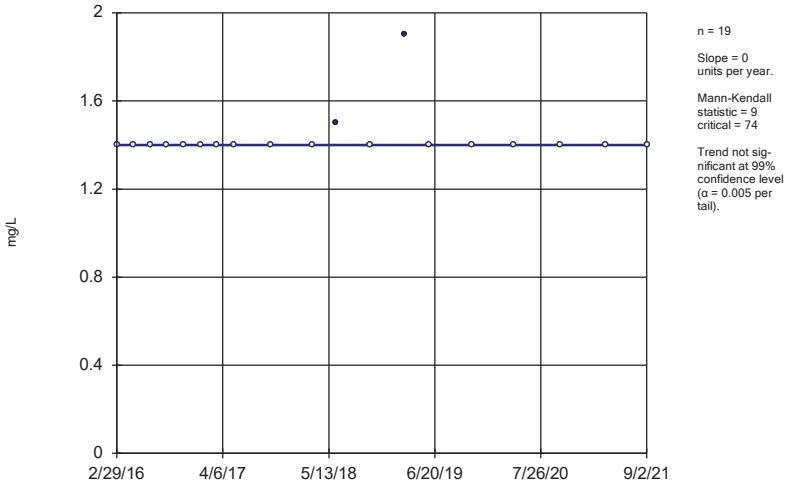
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

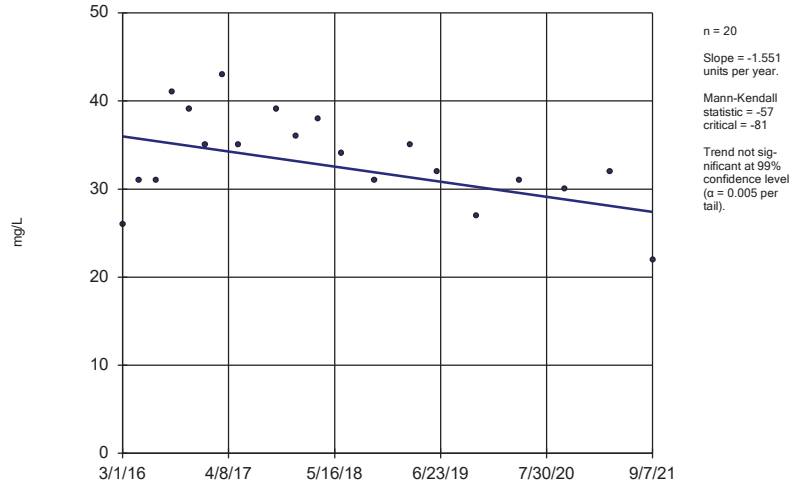
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

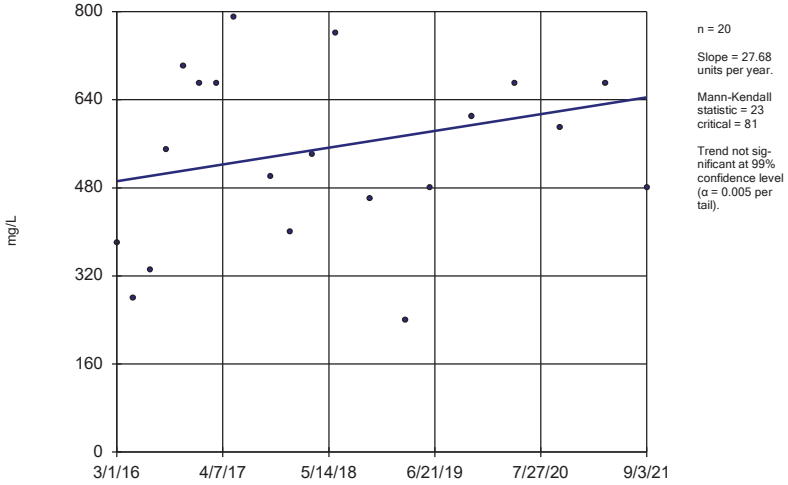
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

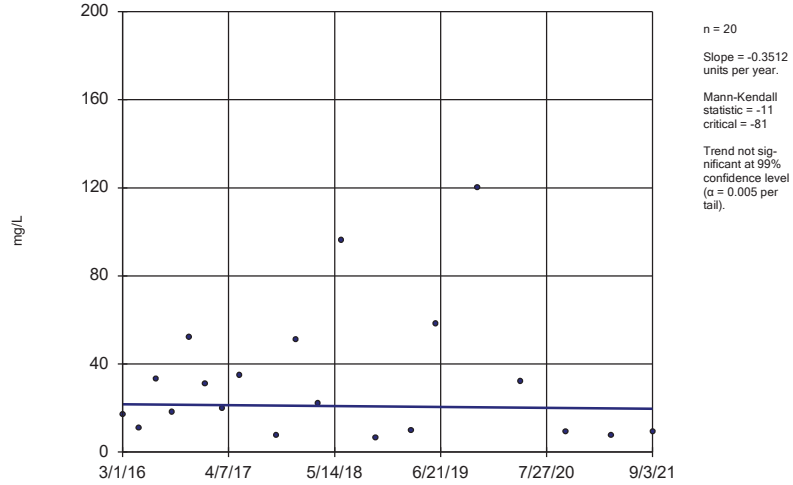
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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

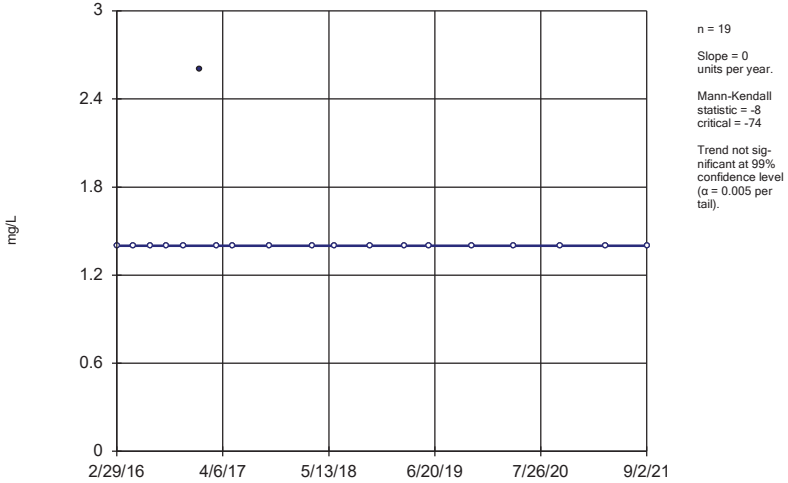
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

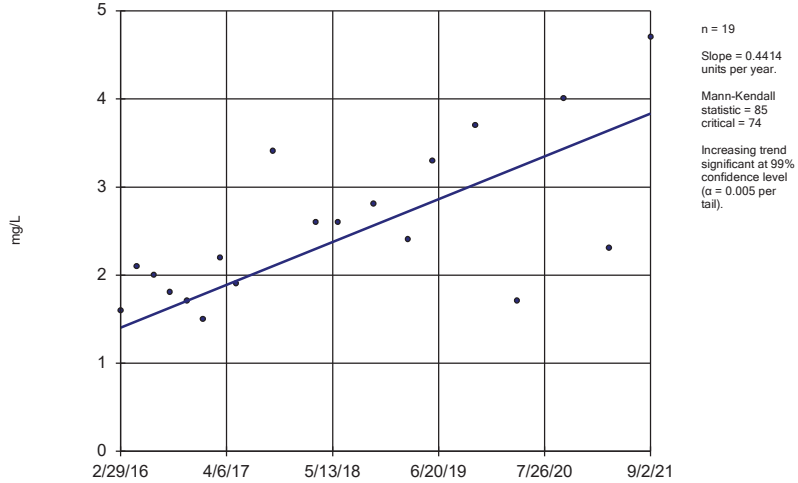
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

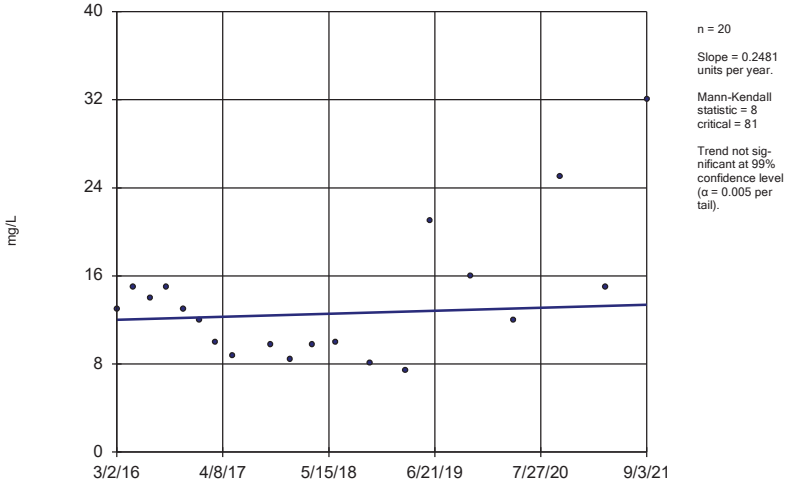
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

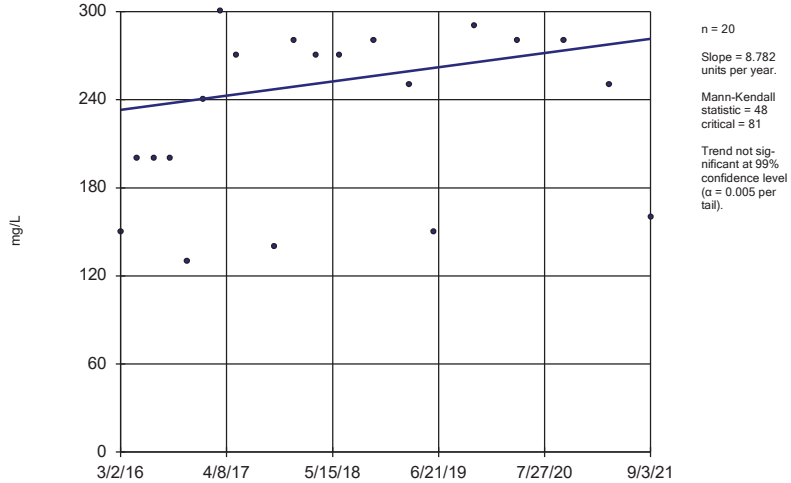
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

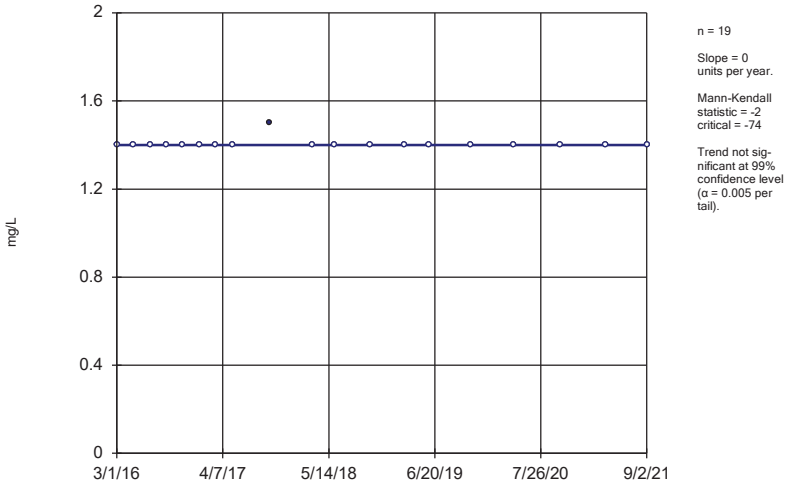
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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 significant at 99% confidence level (α = 0.005 per tail).

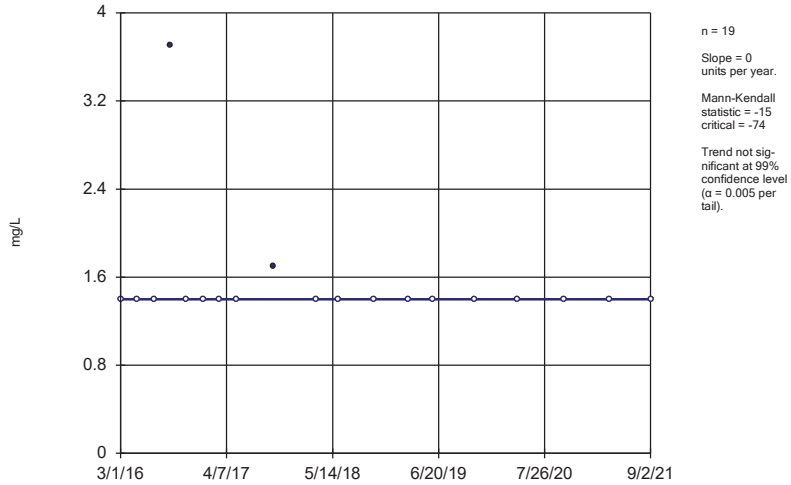
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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-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).

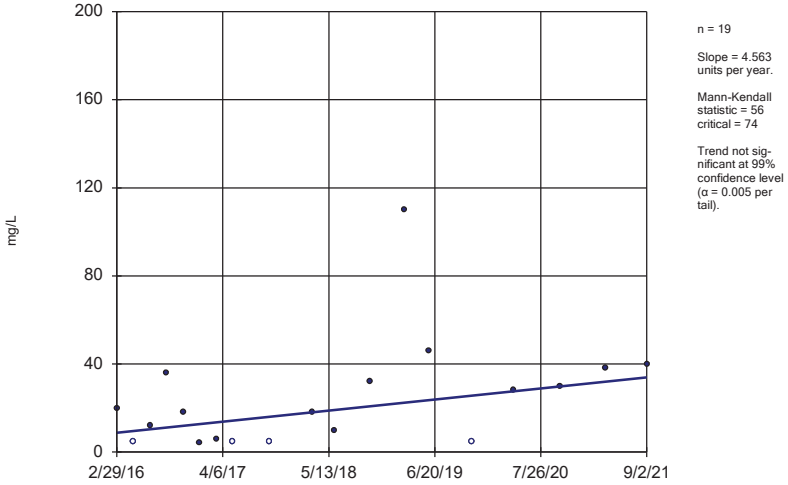
Constituent: Sulfate Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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 significant at 99% confidence level (α = 0.005 per tail).

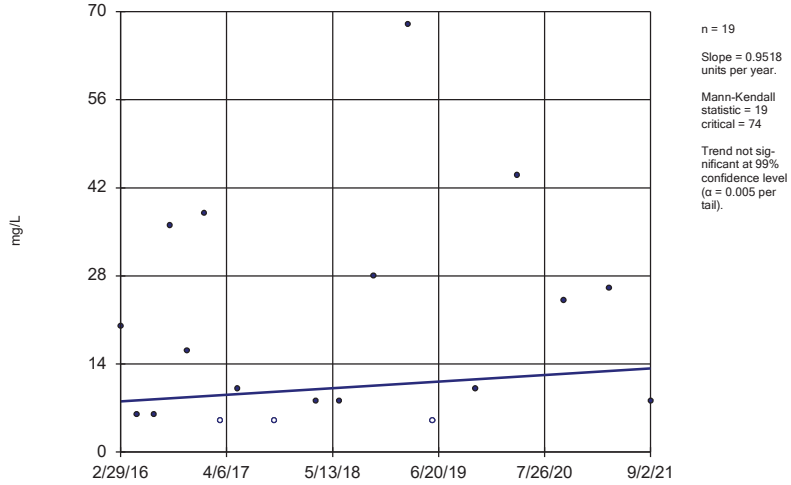
Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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-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).

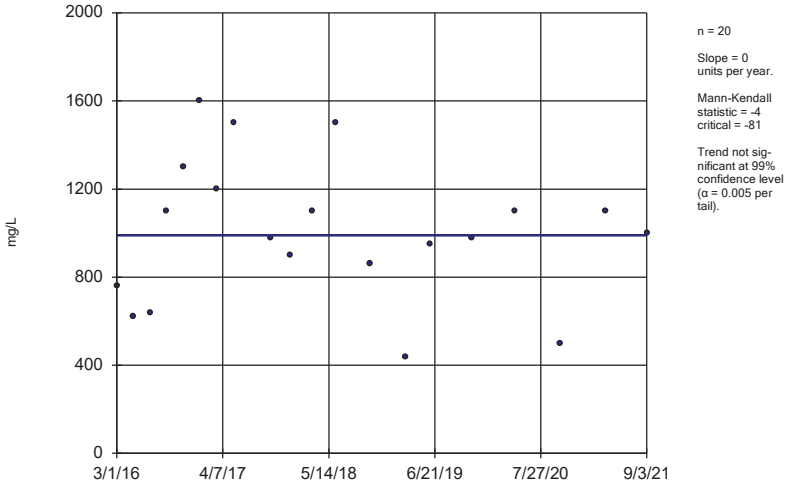
Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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).

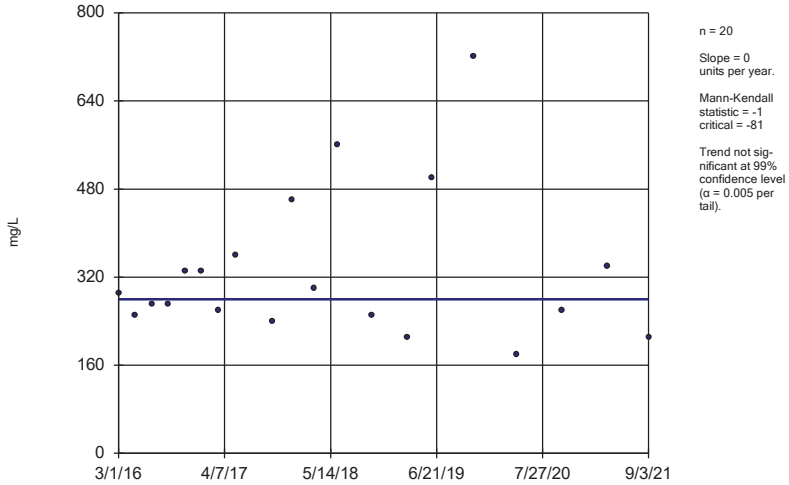
Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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

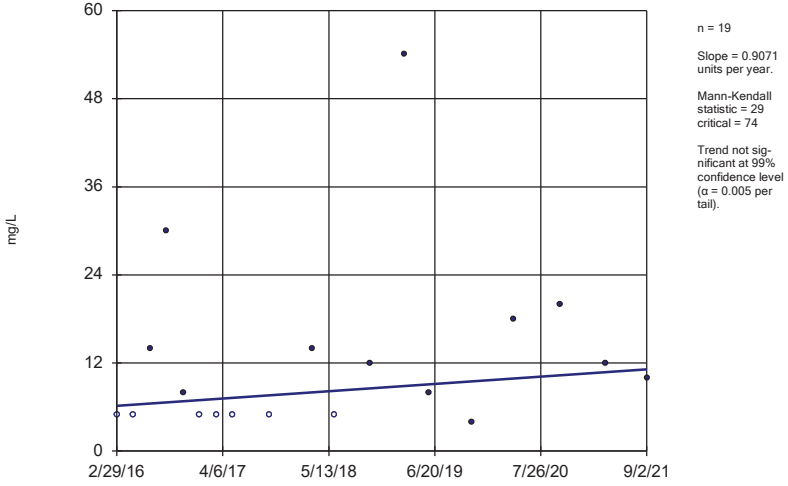
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

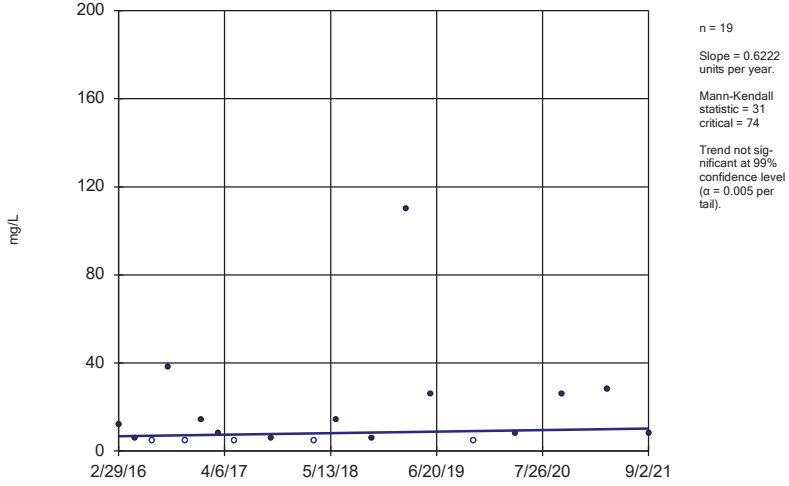
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

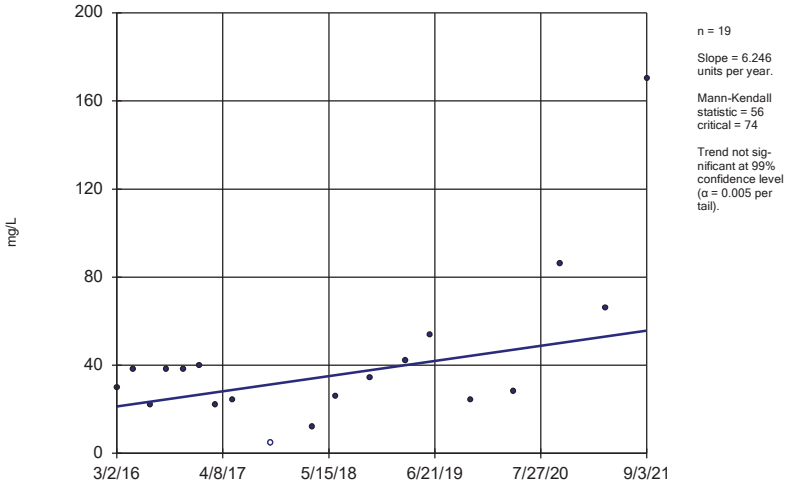
Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:23 AM View: 100 Series Trend Tests

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

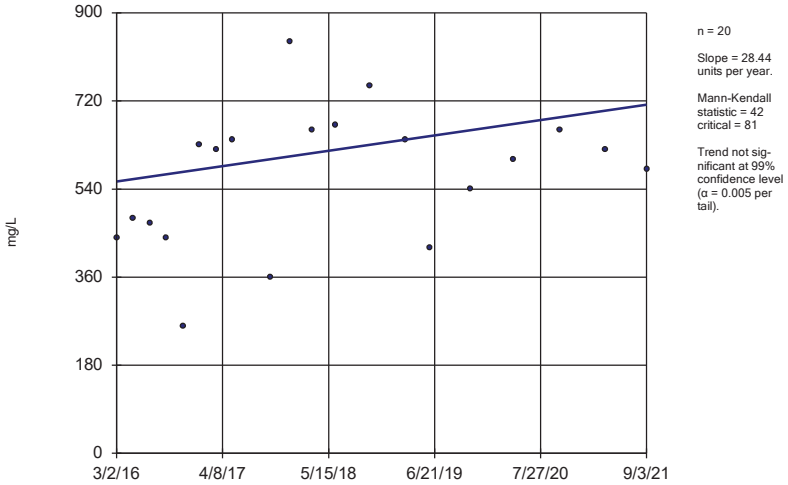
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

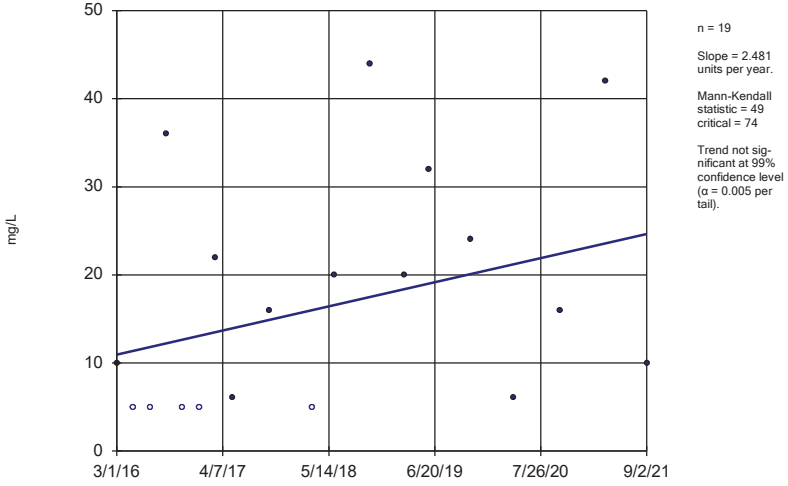
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

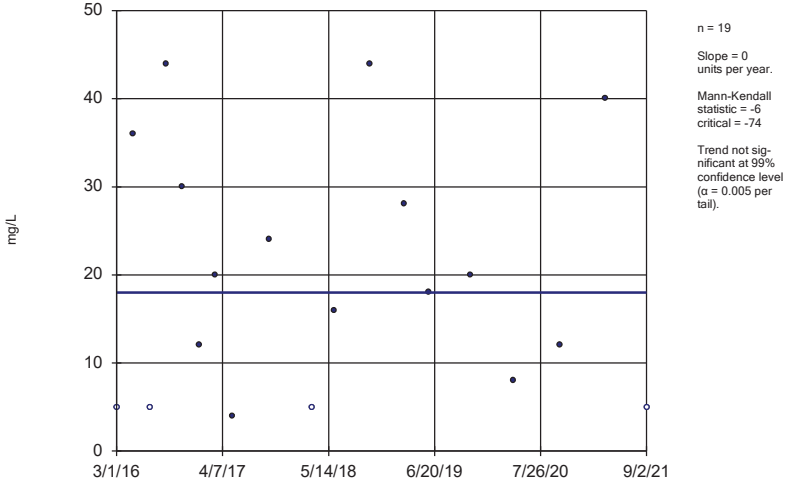
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

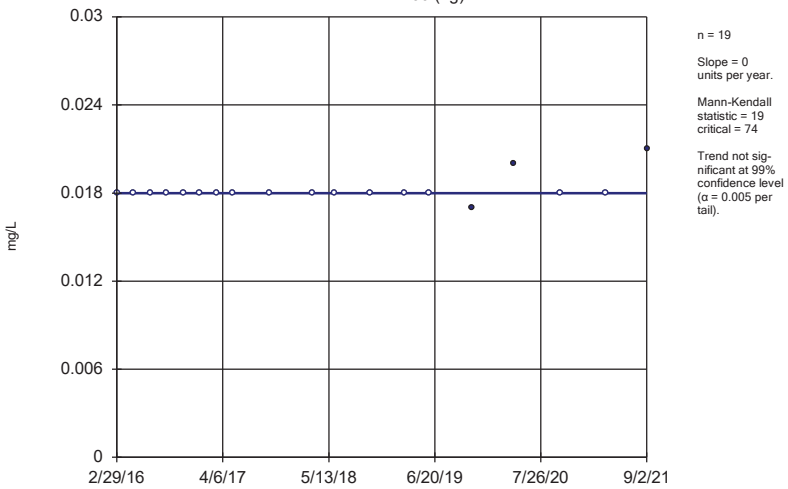
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:15 AM

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

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



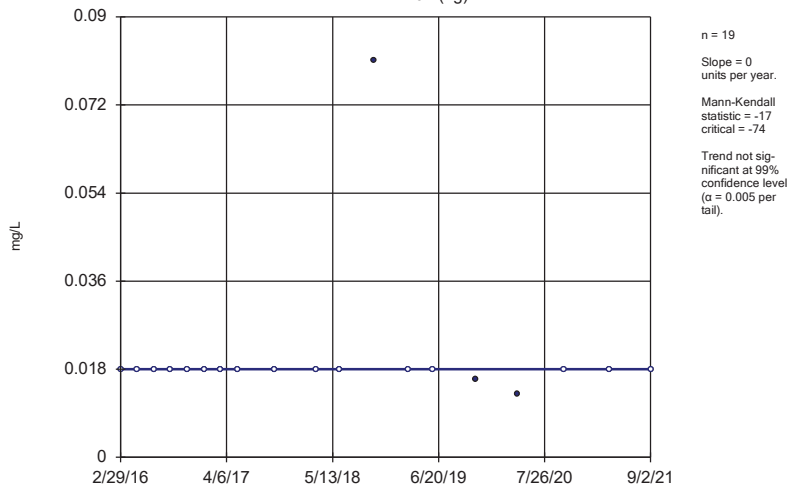
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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)



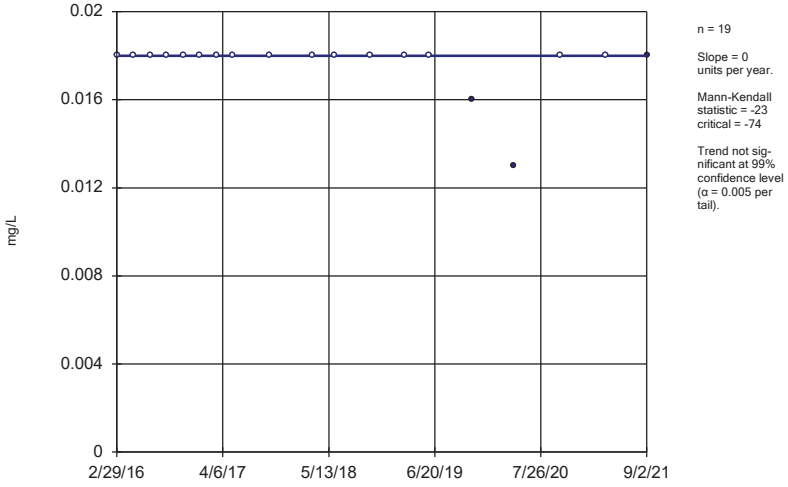
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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-107 (bg)



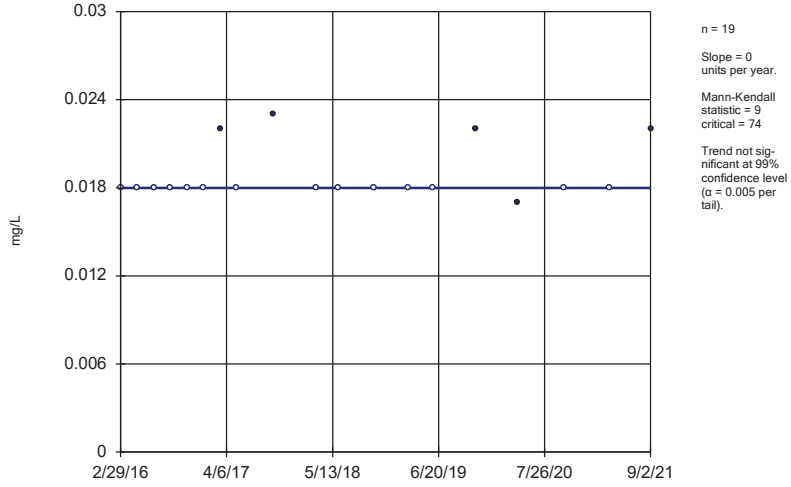
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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)



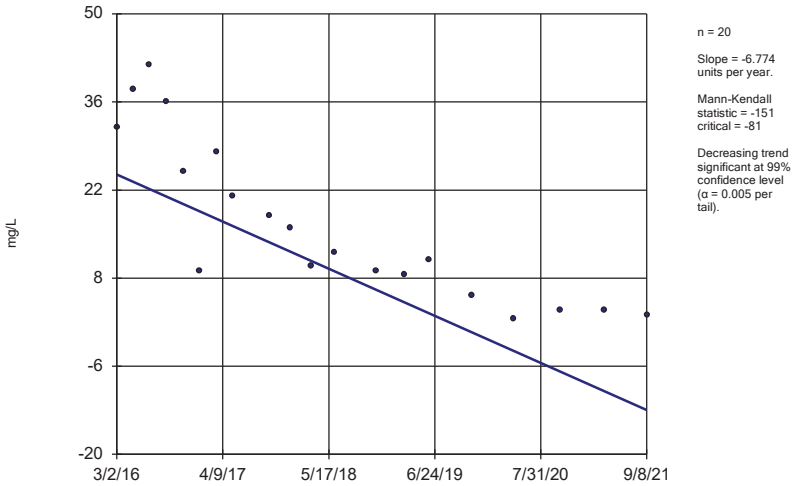
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

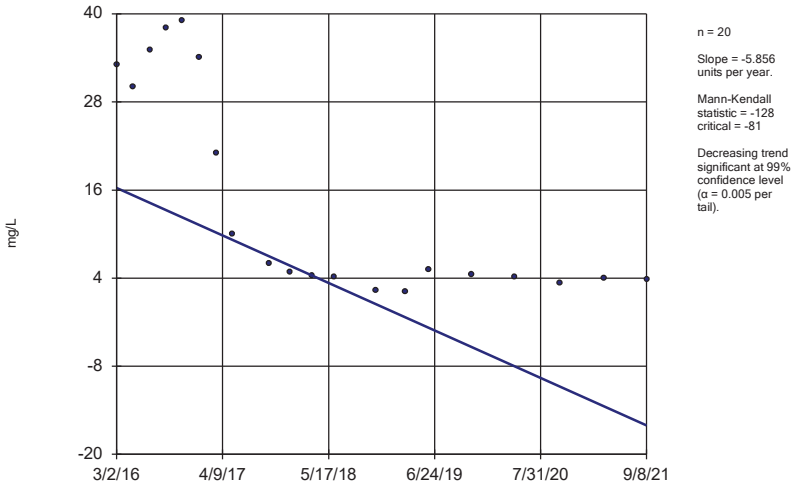
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

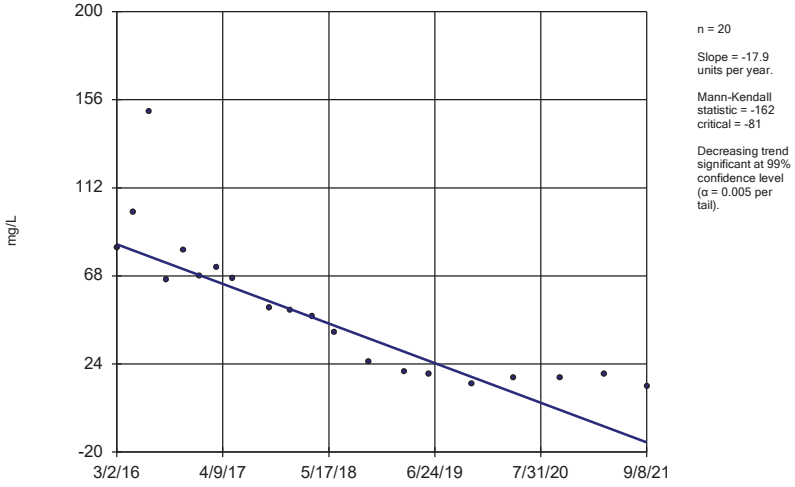
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

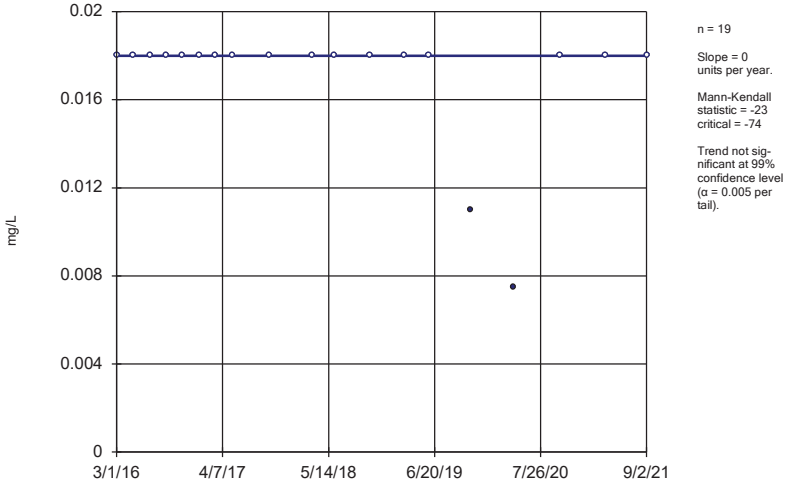
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

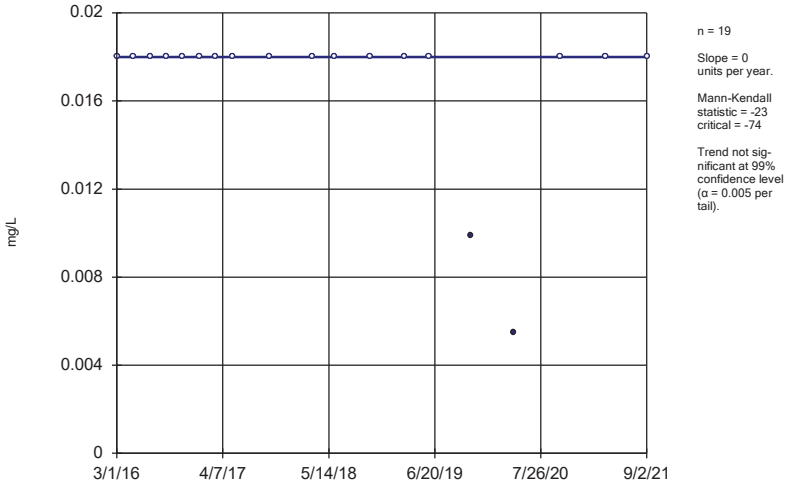
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

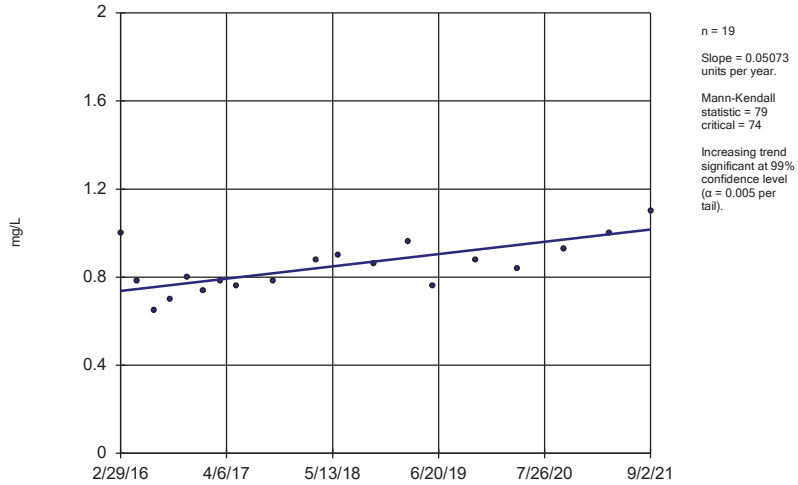
Constituent: Boron Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

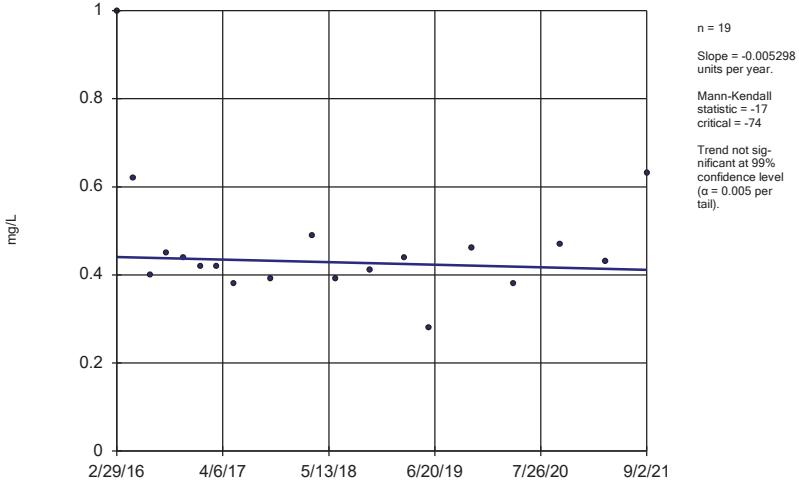
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

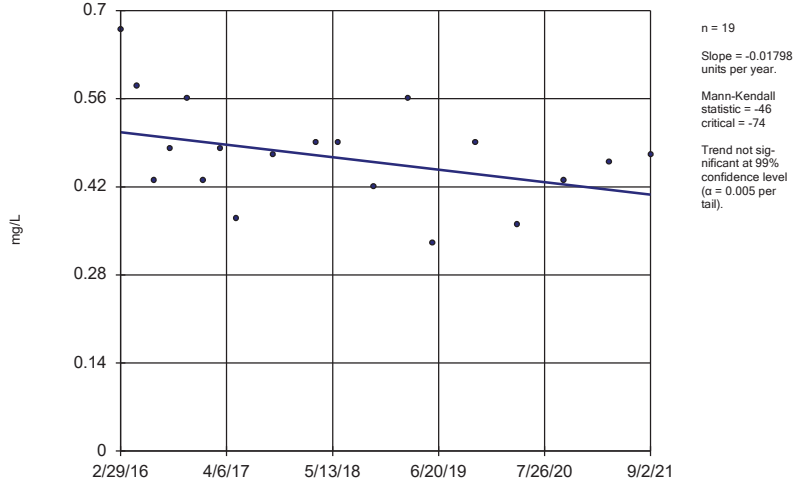
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

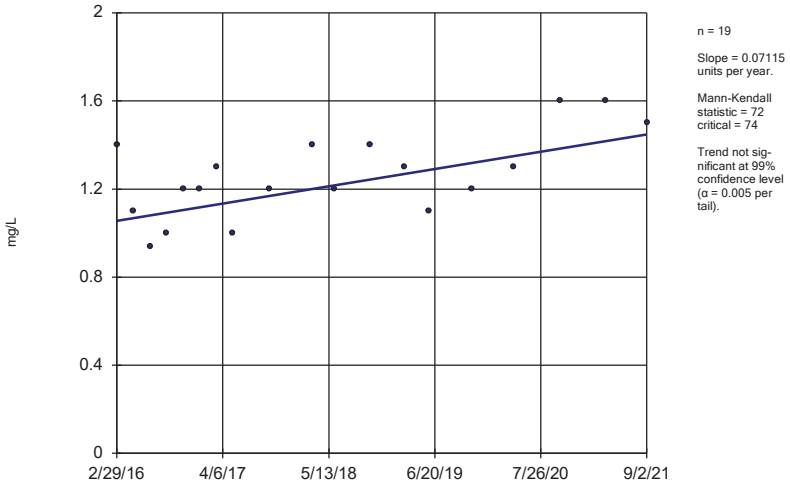
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

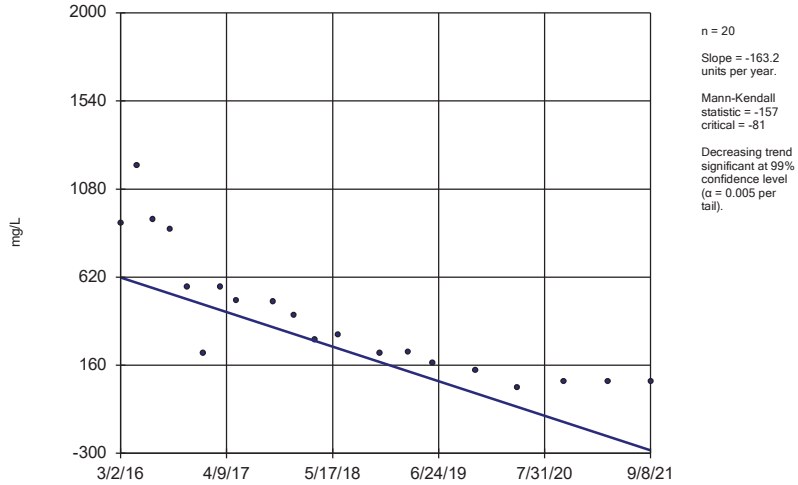
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

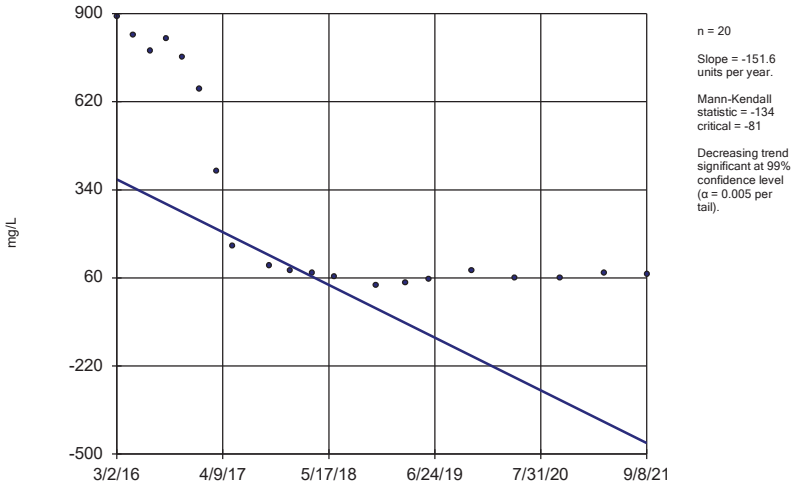
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

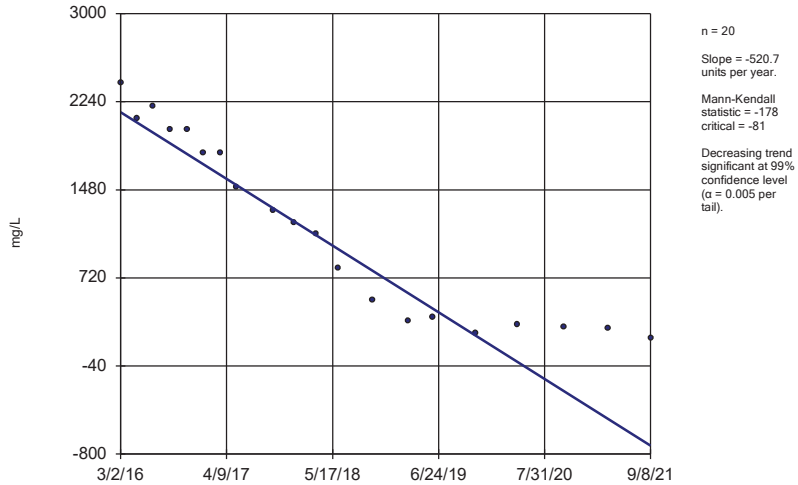
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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

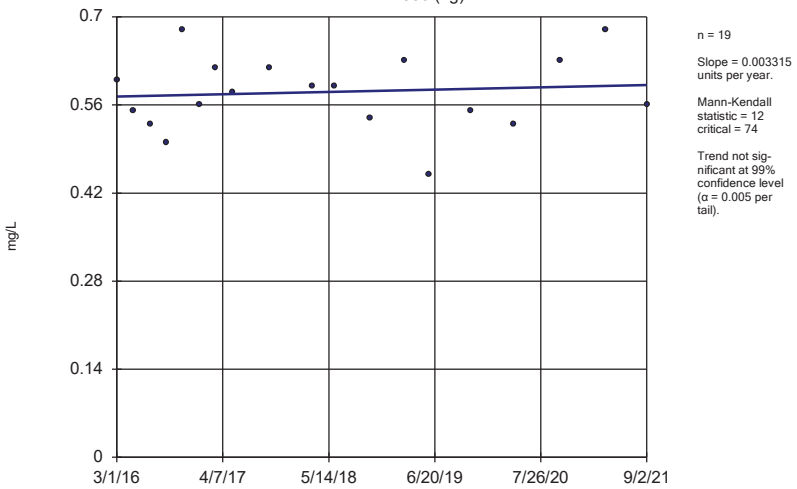
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

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).

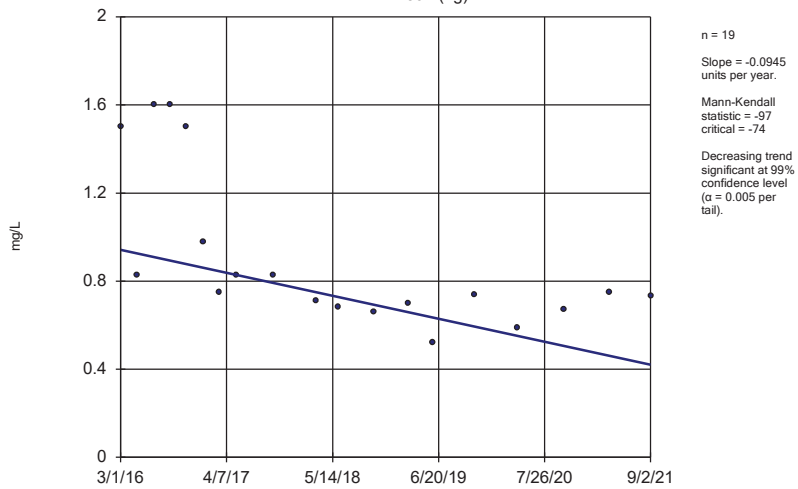
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

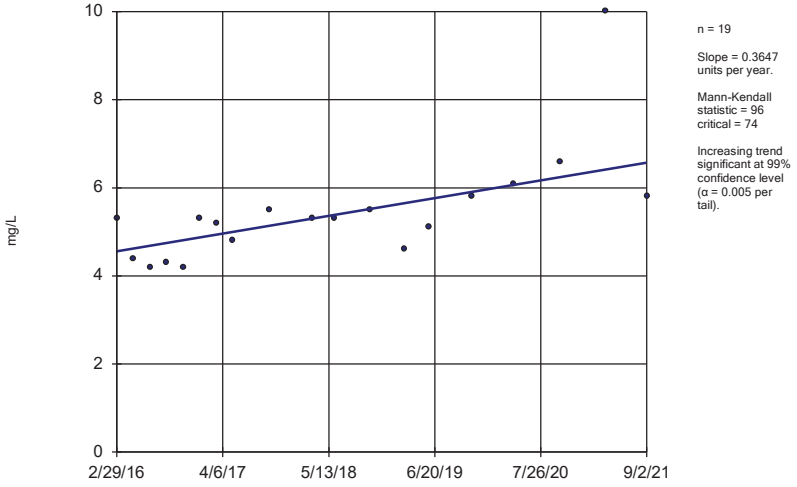
Constituent: Calcium Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

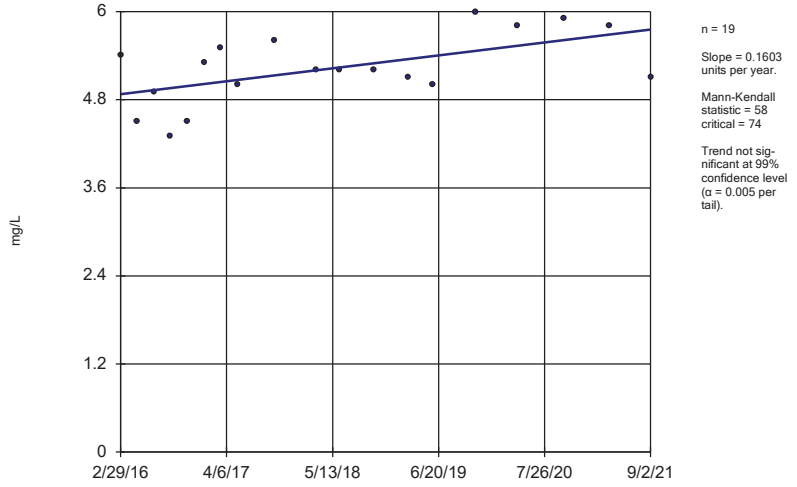
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

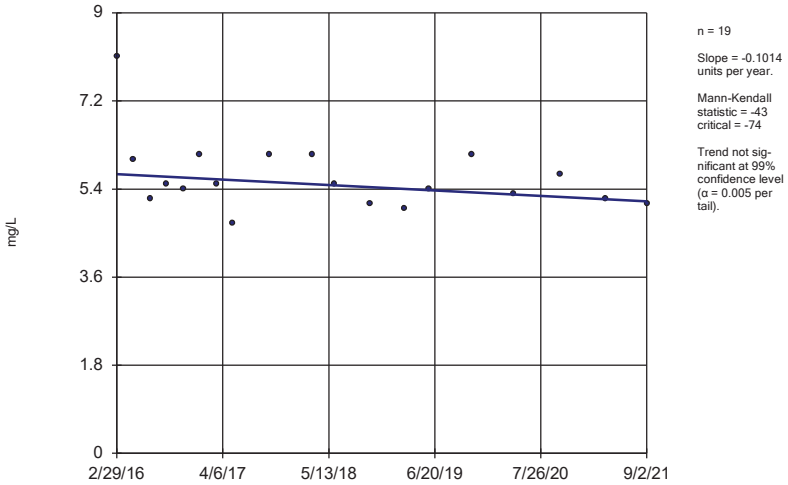
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

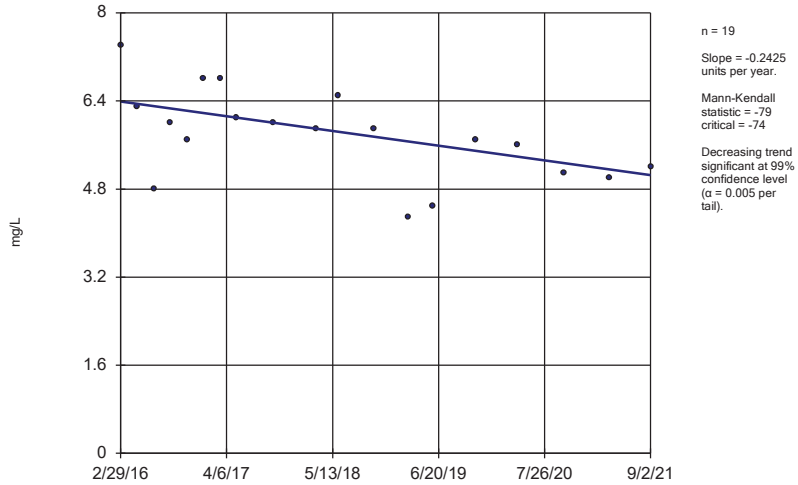
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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

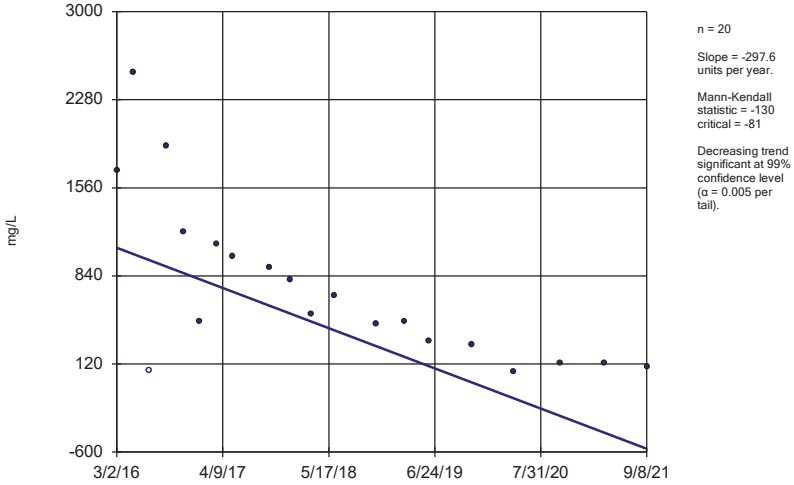
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

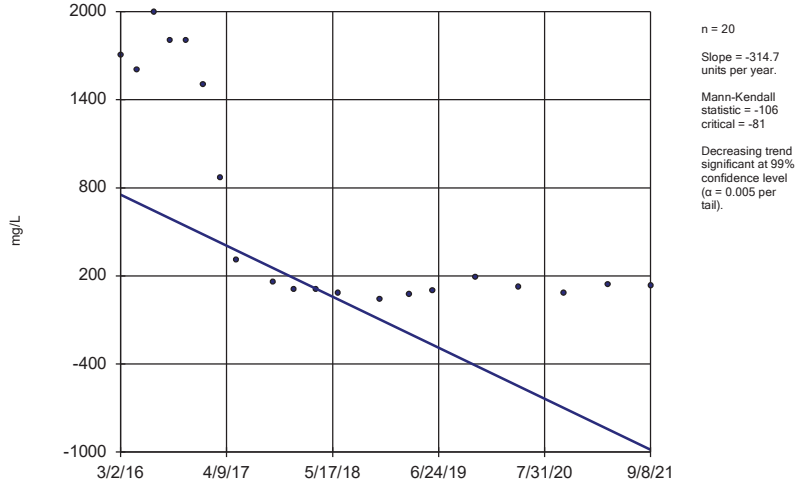
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

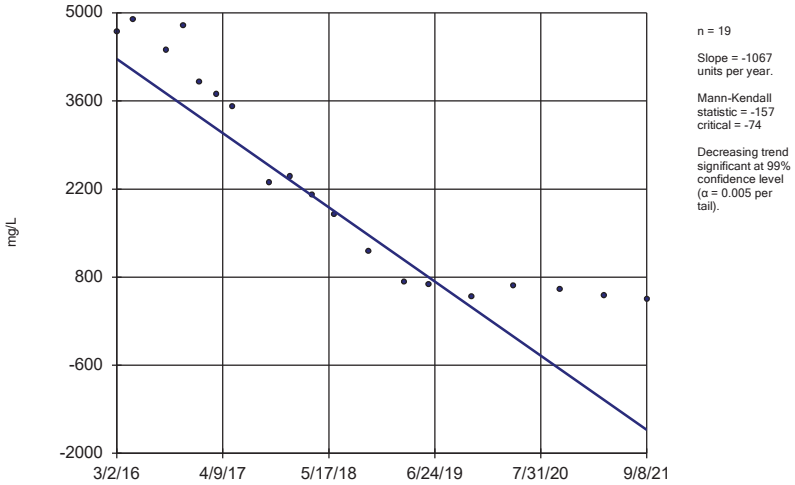
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

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).

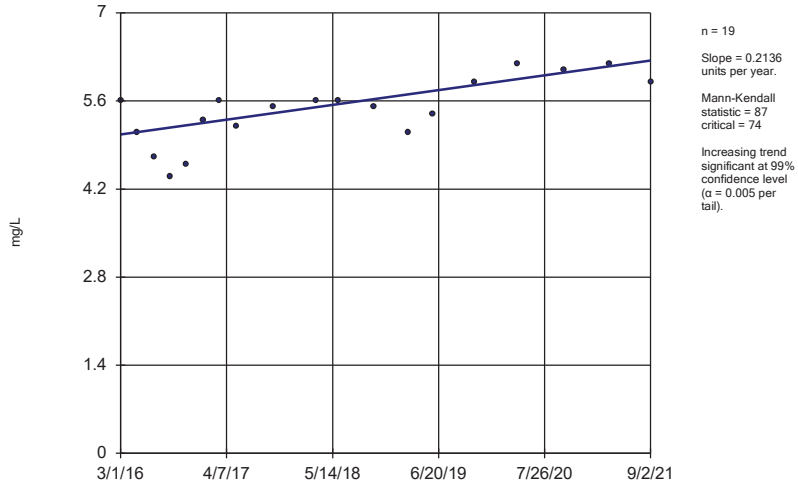
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

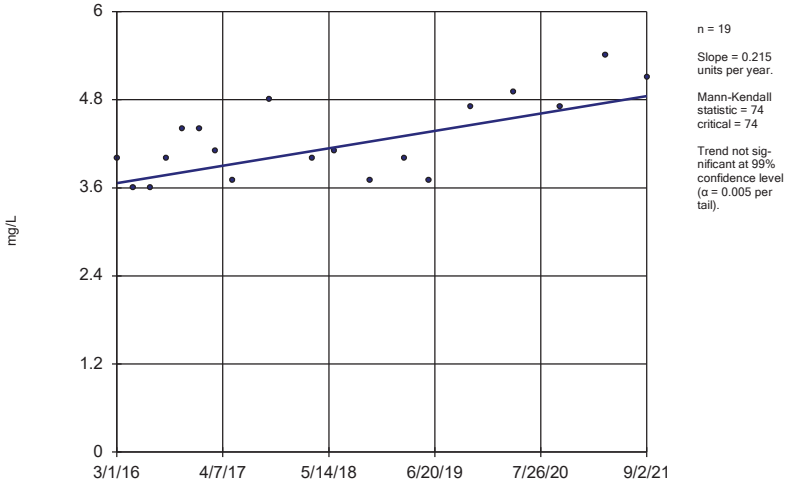
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

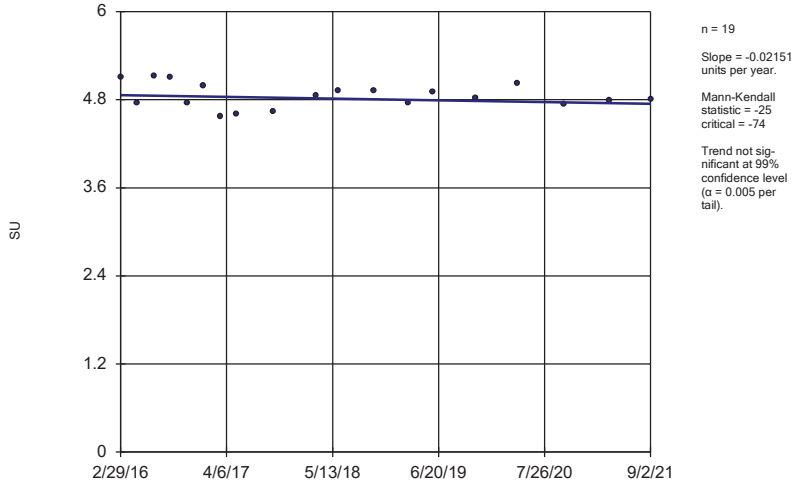
Constituent: Chloride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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

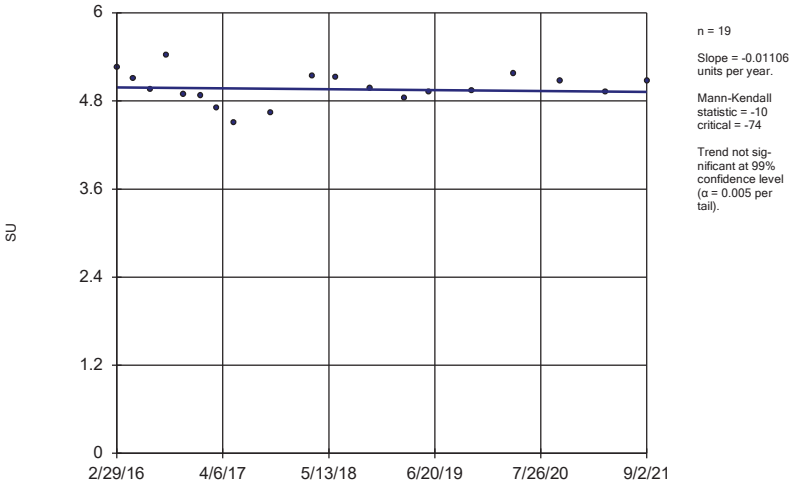
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

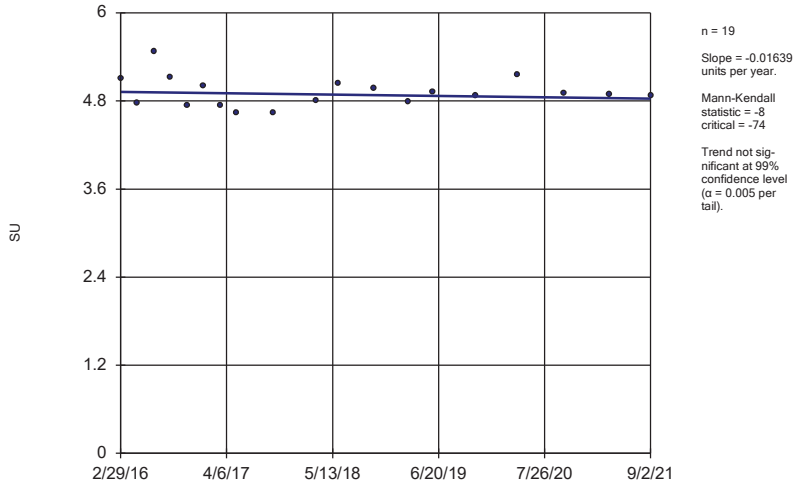
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

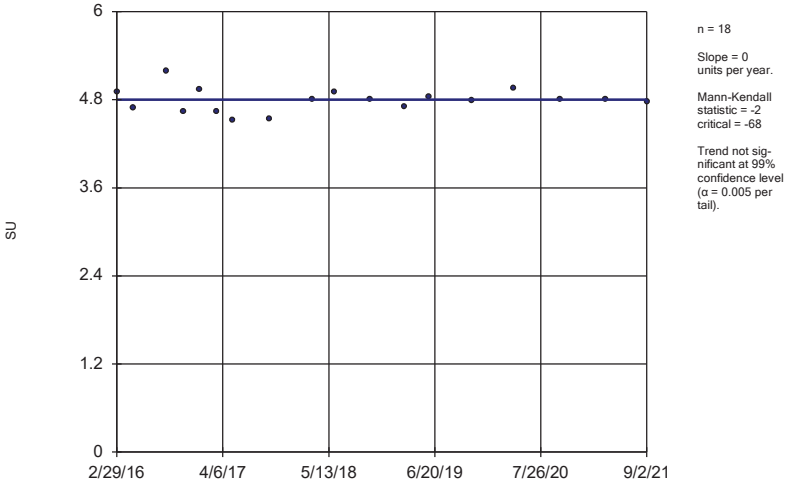
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

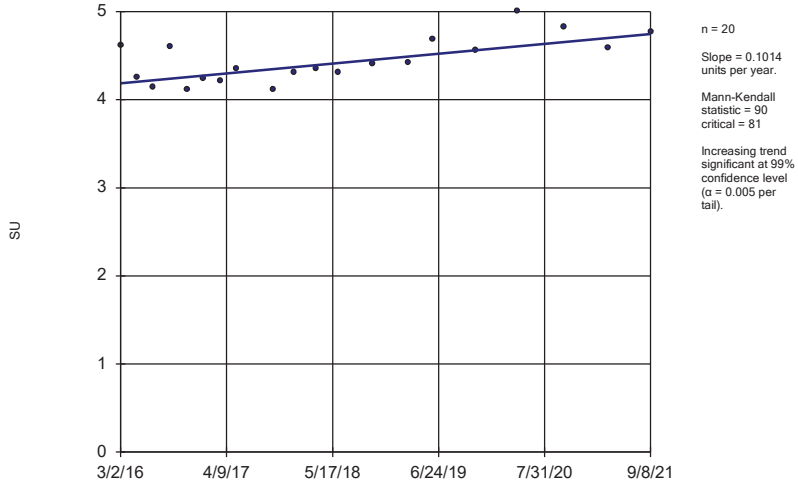
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

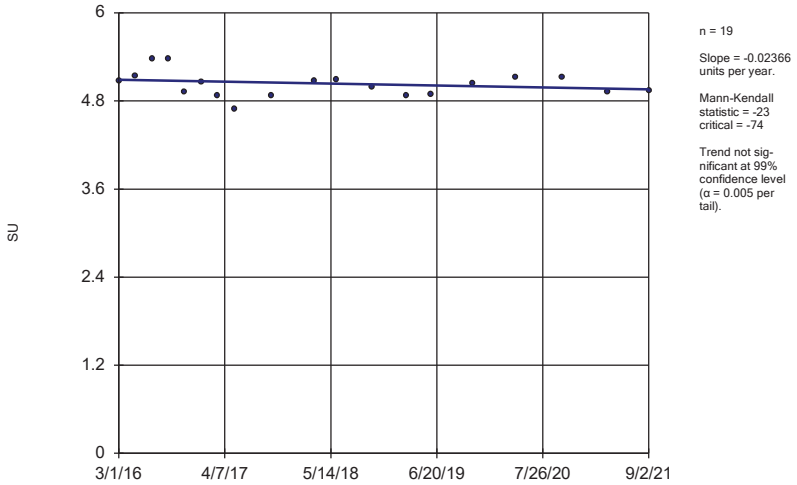
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

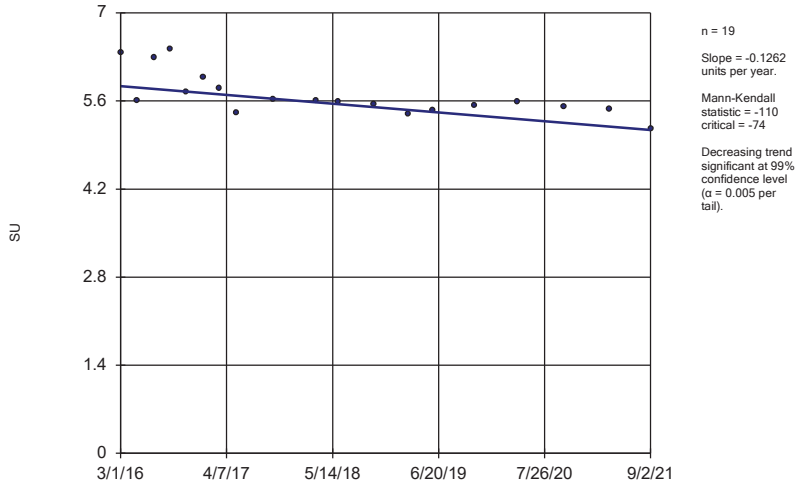
Constituent: Field pH Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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

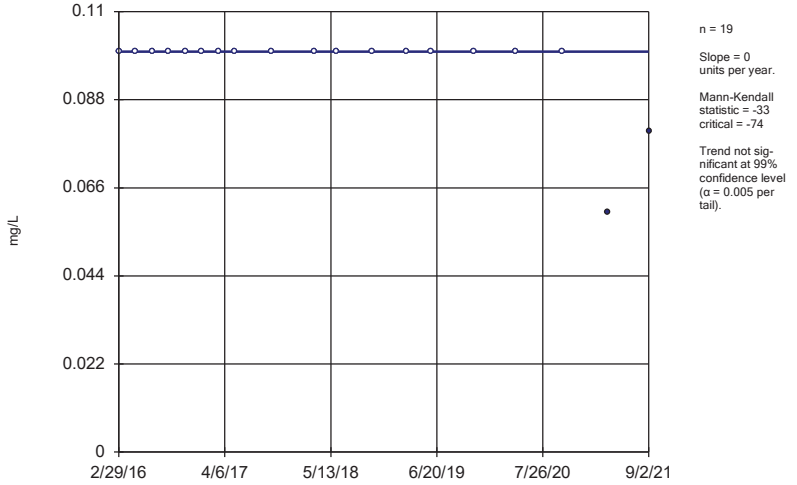
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

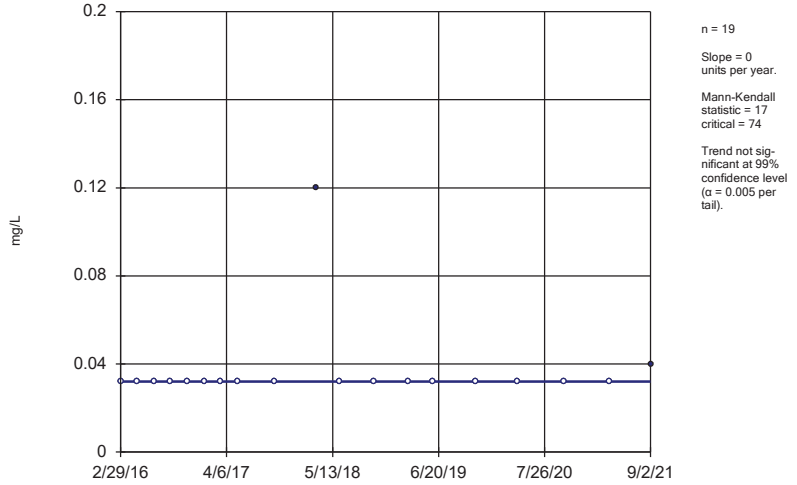
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

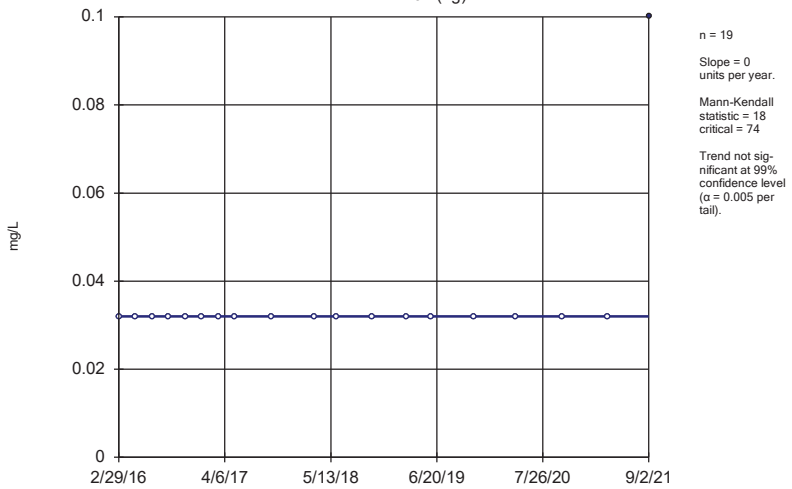
Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

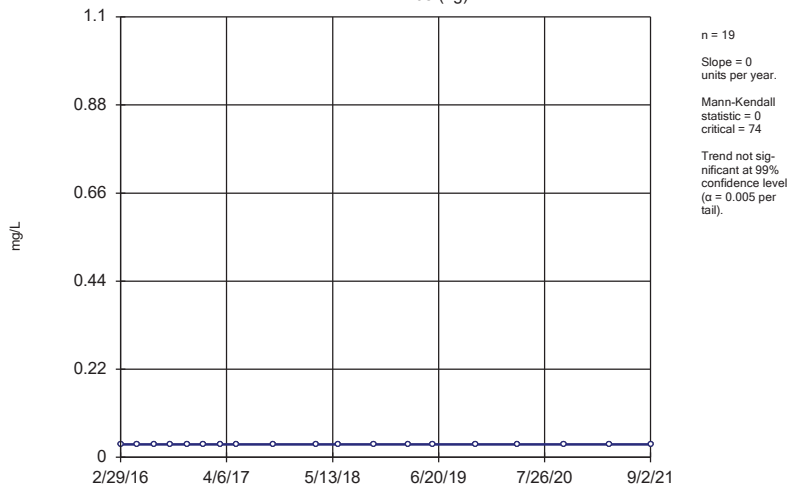
Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

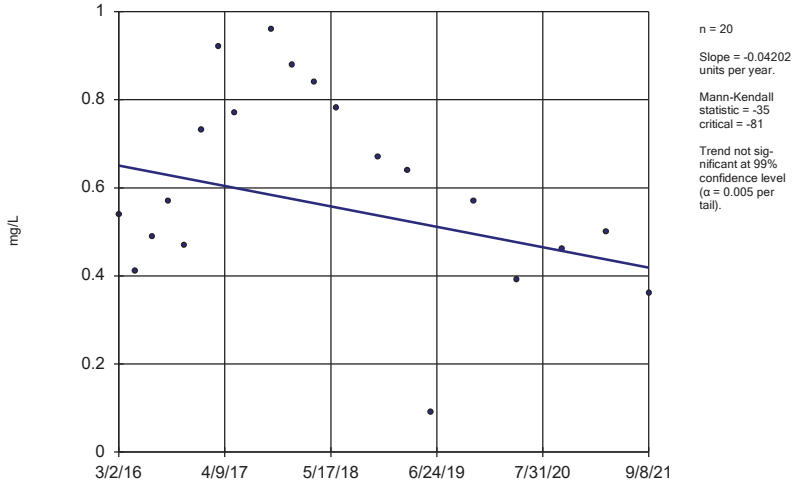
Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

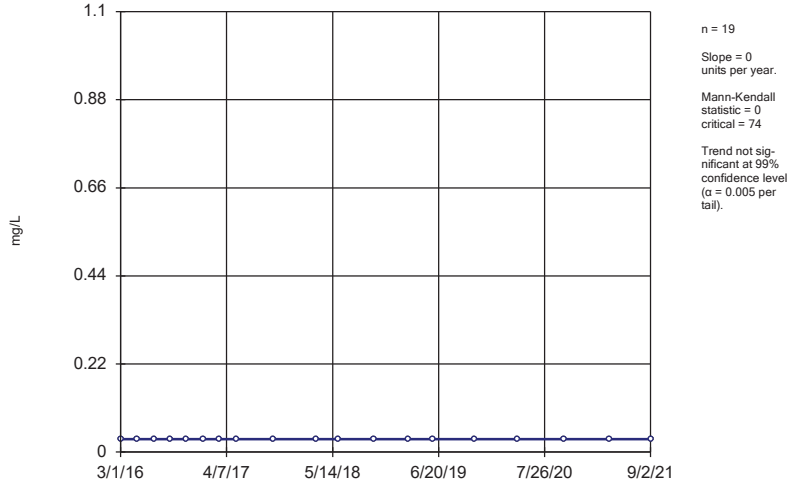
Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

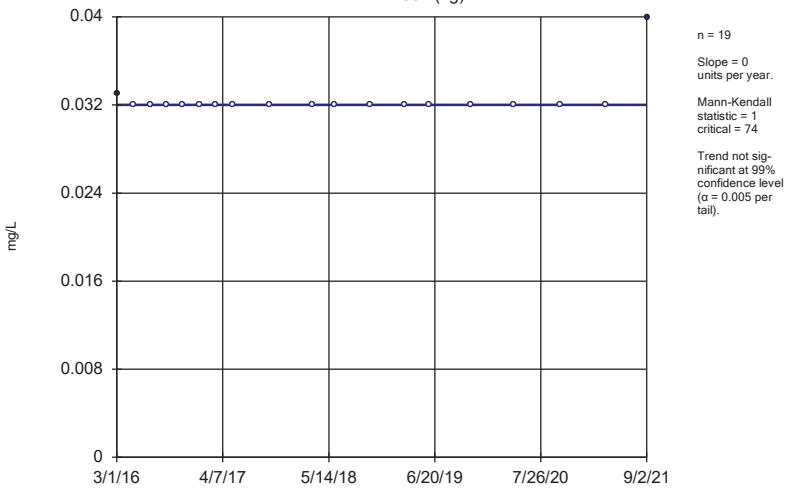
Constituent: Fluoride Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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

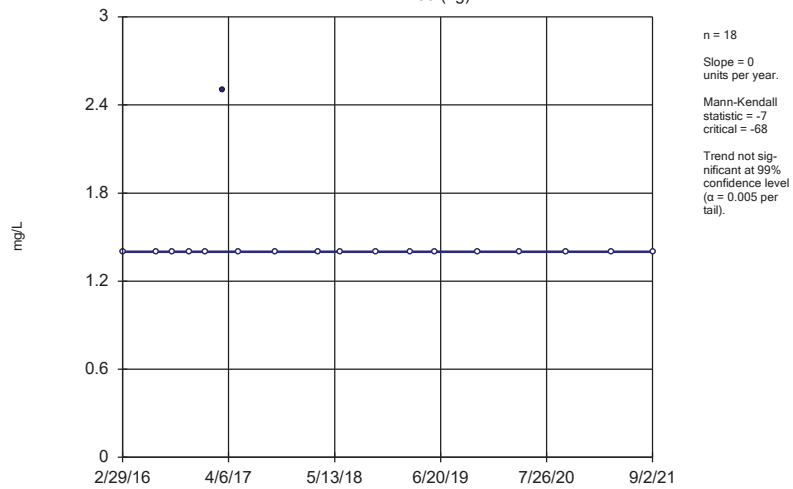
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

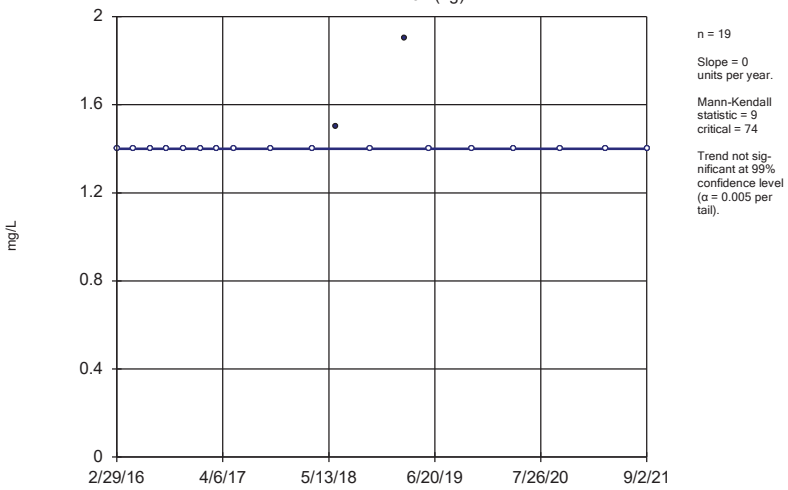
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

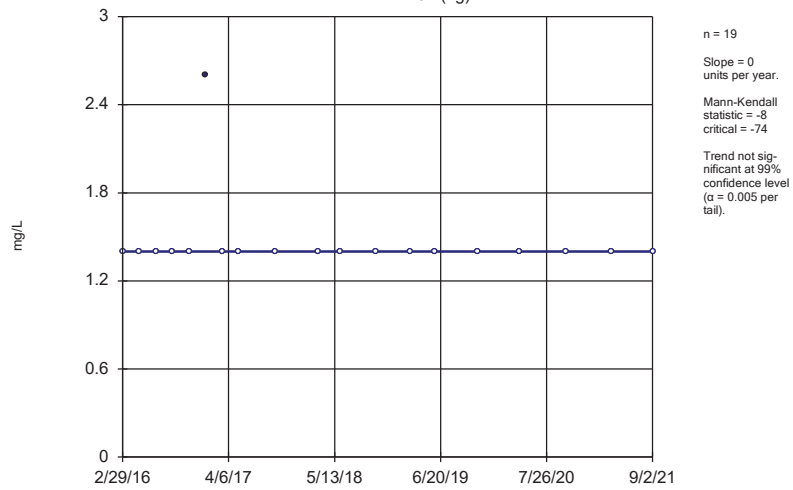
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

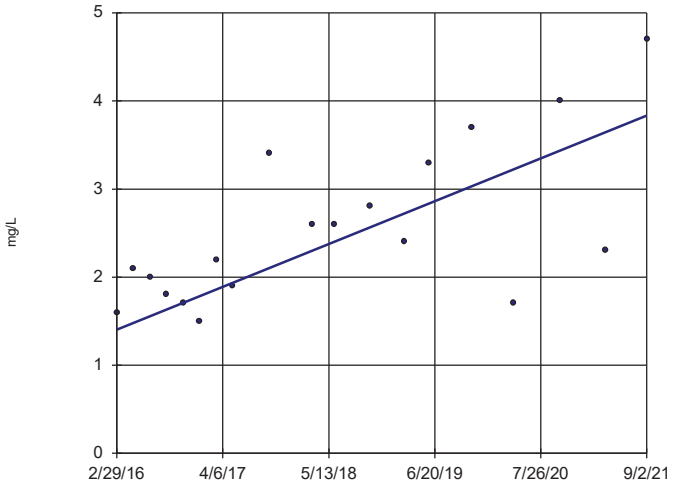
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

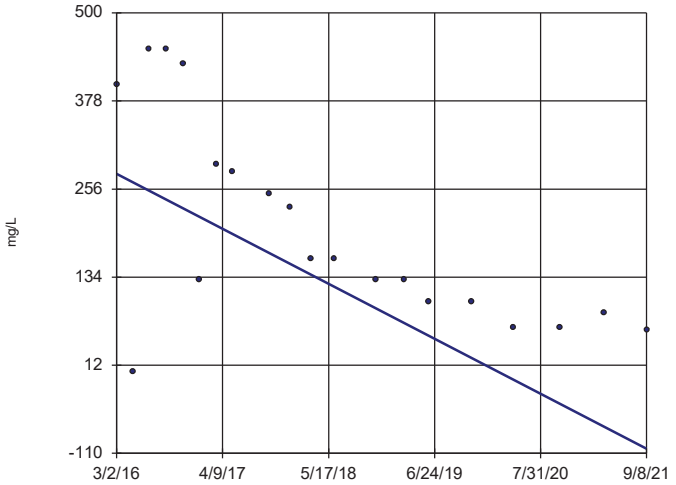
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

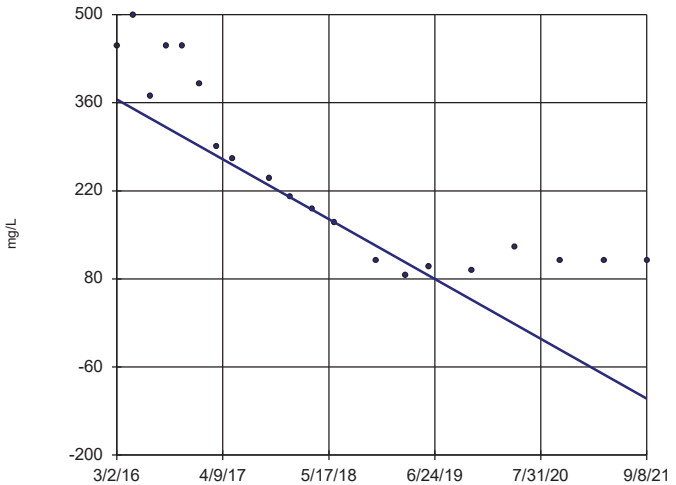
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

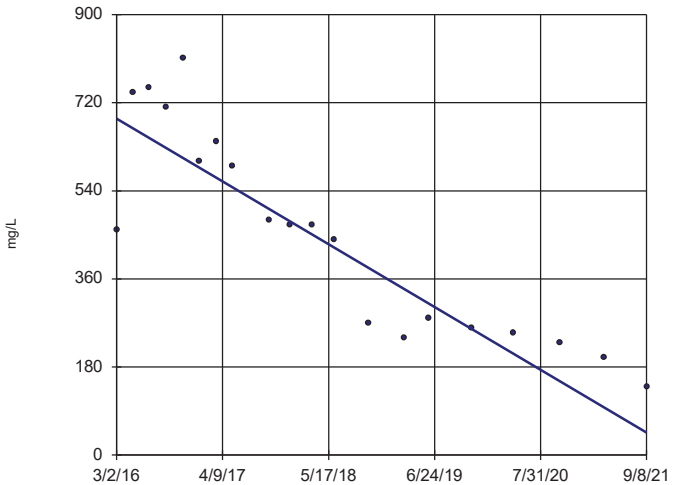
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

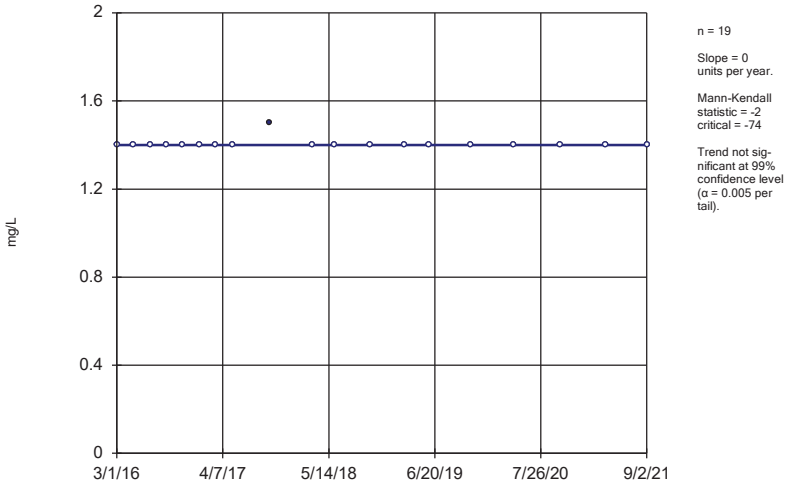
Constituent: Sulfate Analysis Run 12/17/2021 4:13 AM View: 200 Series Trend Test

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).

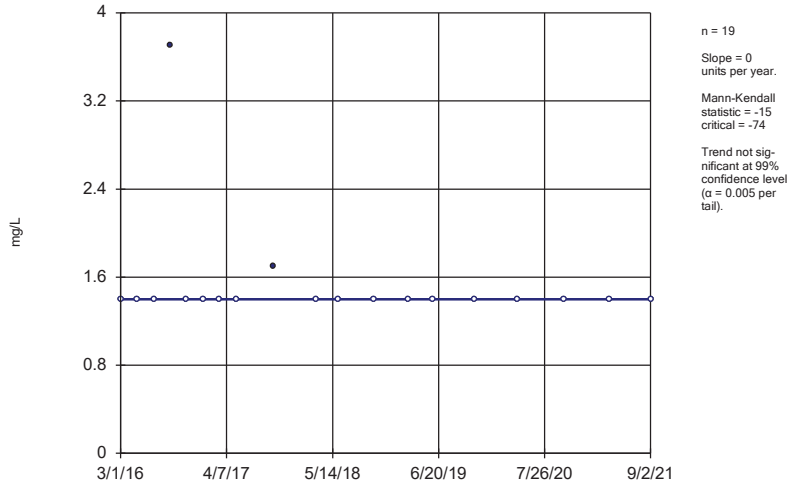
Constituent: Sulfate Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

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).

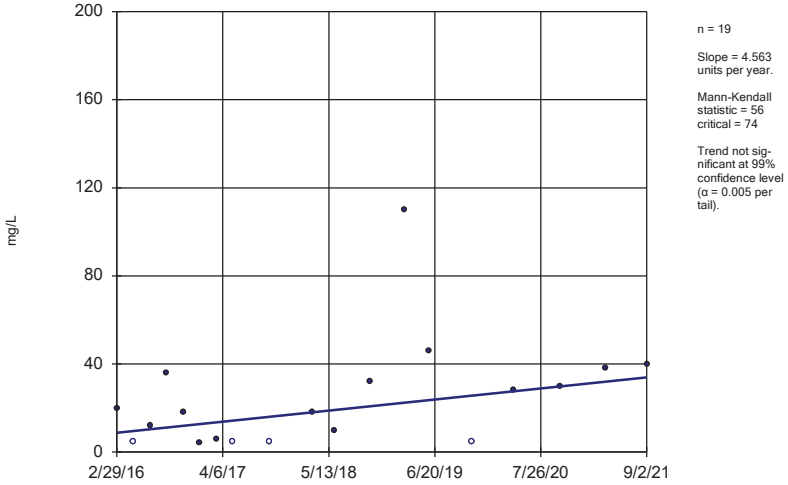
Constituent: Sulfate Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

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).

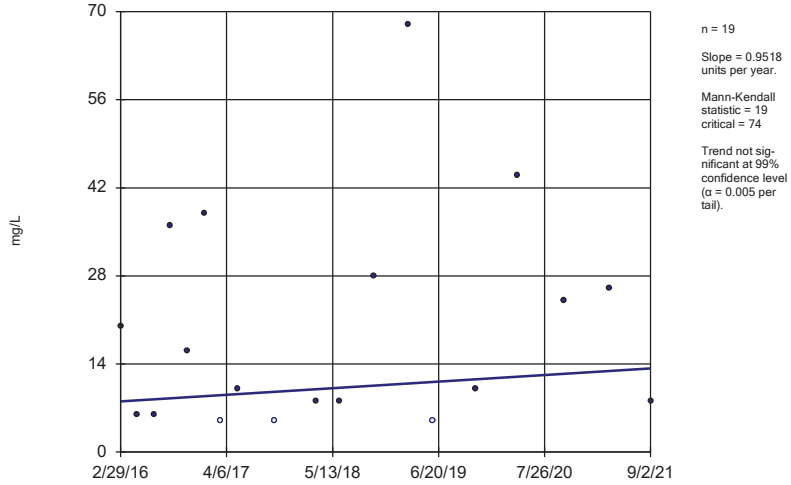
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

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).

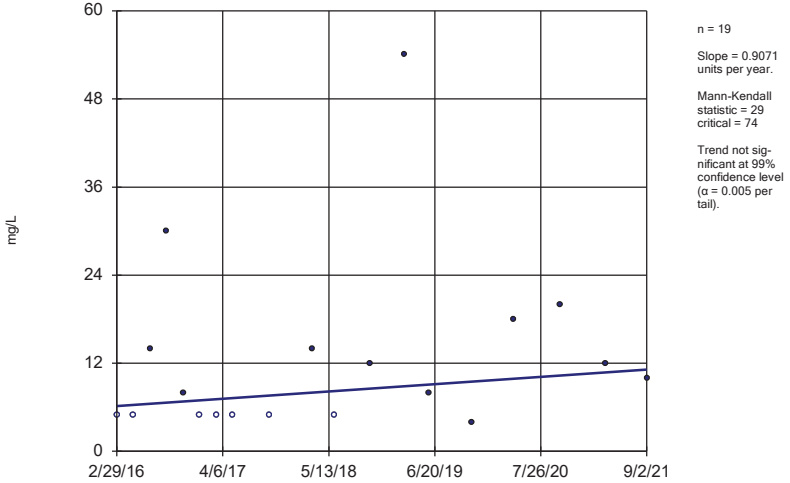
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:14 AM View: 200 Series Trend Test

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

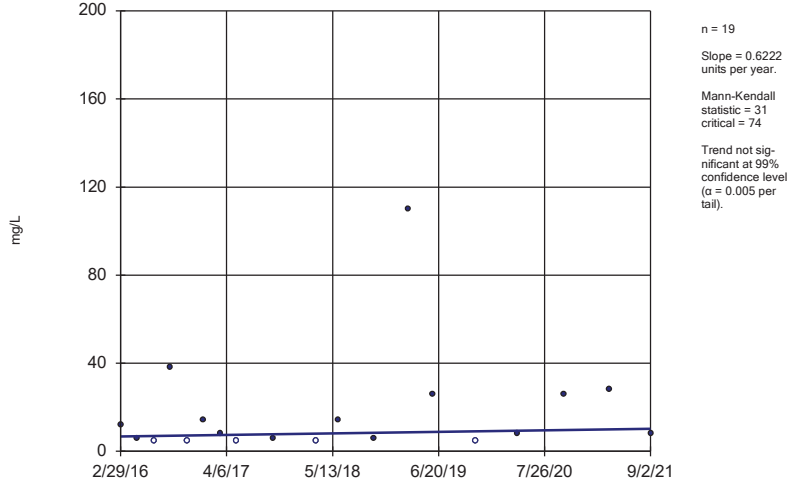
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

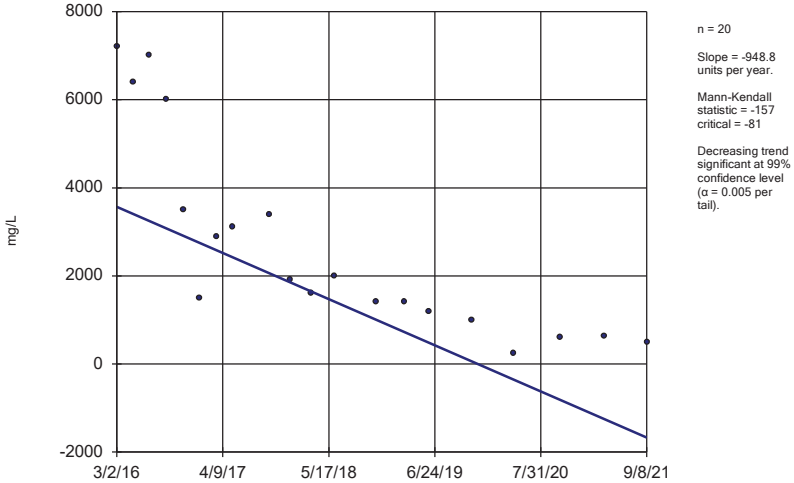
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

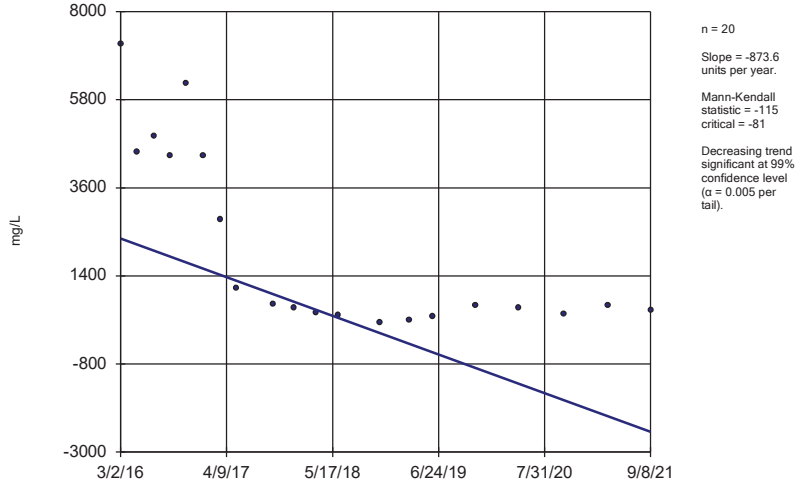
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

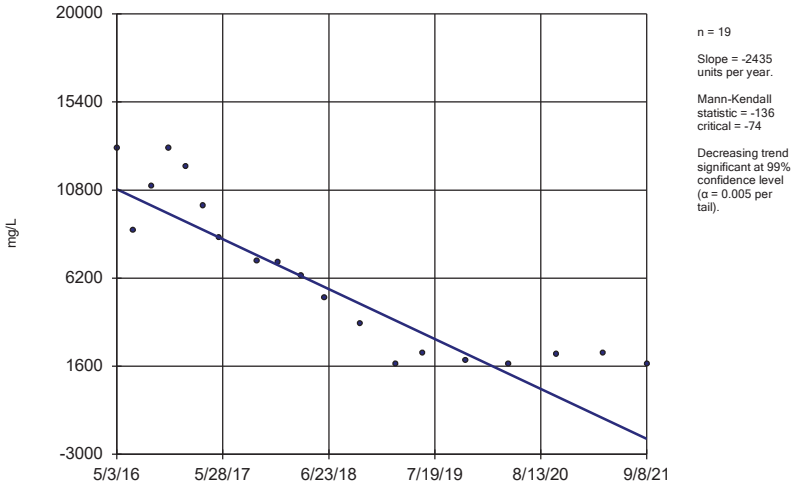
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

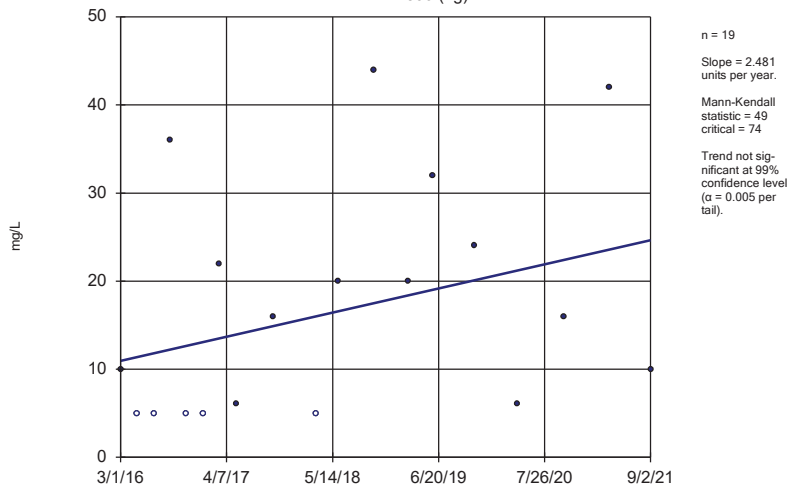
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

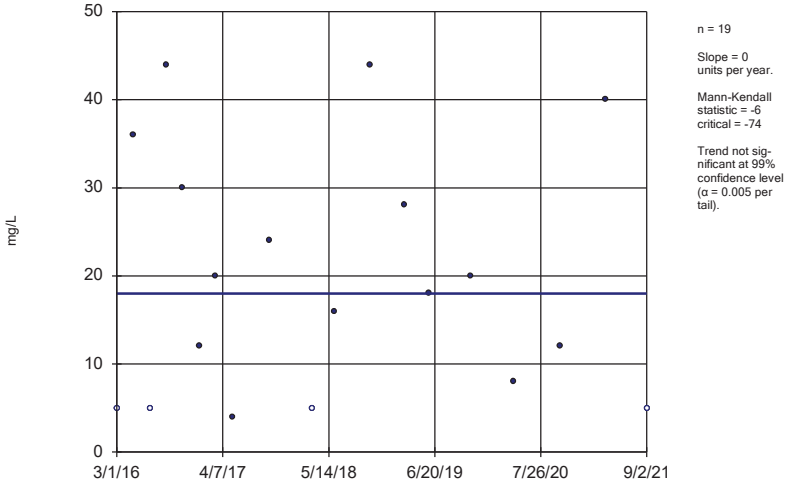
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

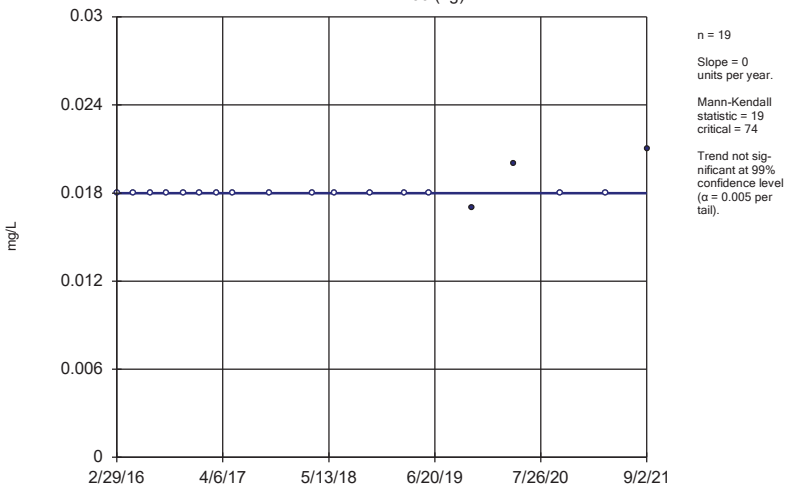
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/17/2021, 4:29 AM

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

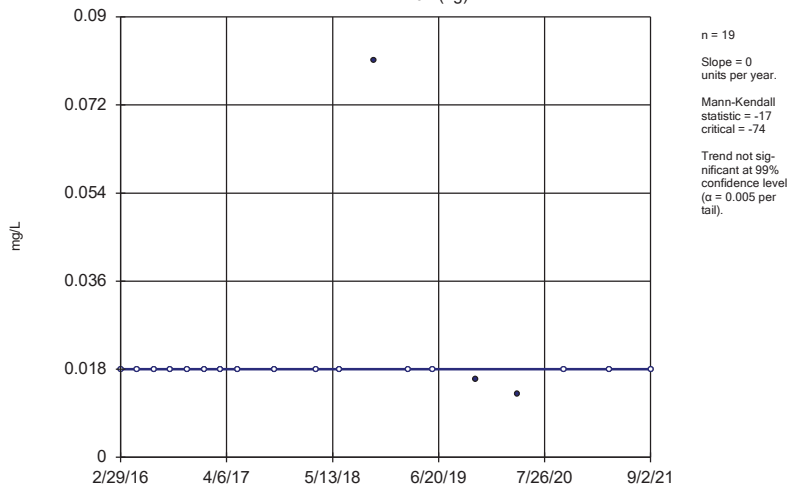
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

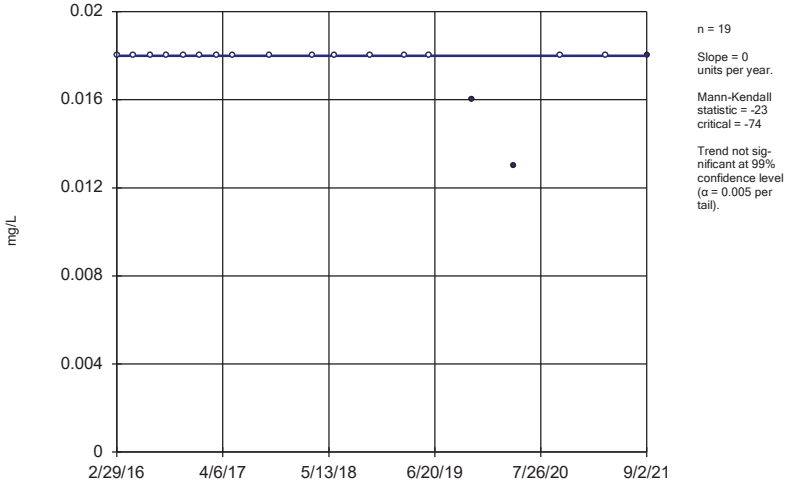
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

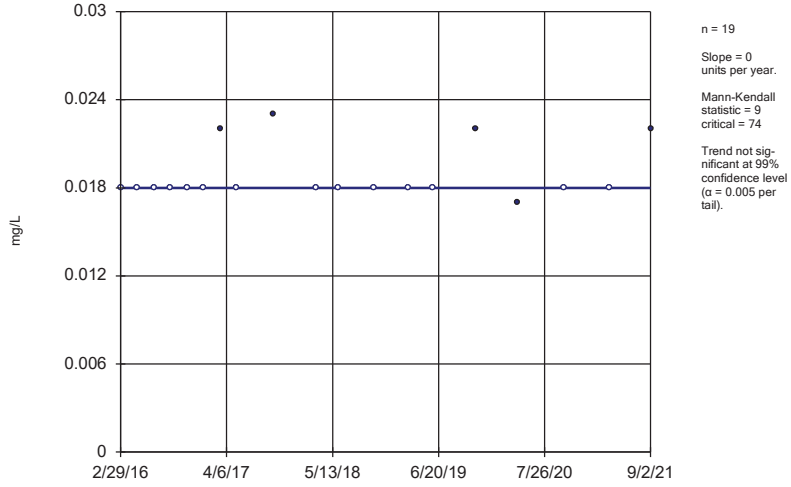
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

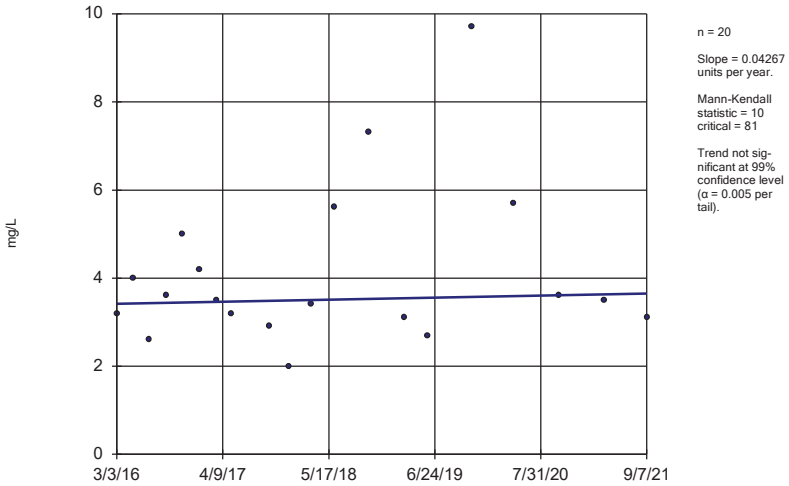
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

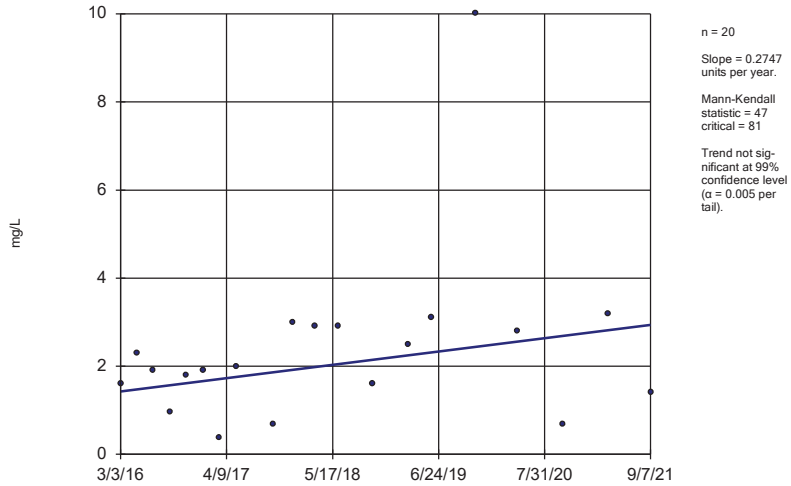
Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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

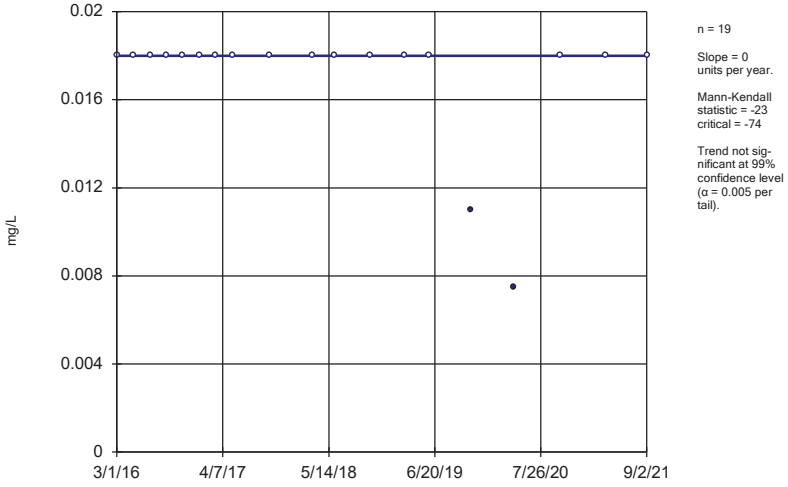
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

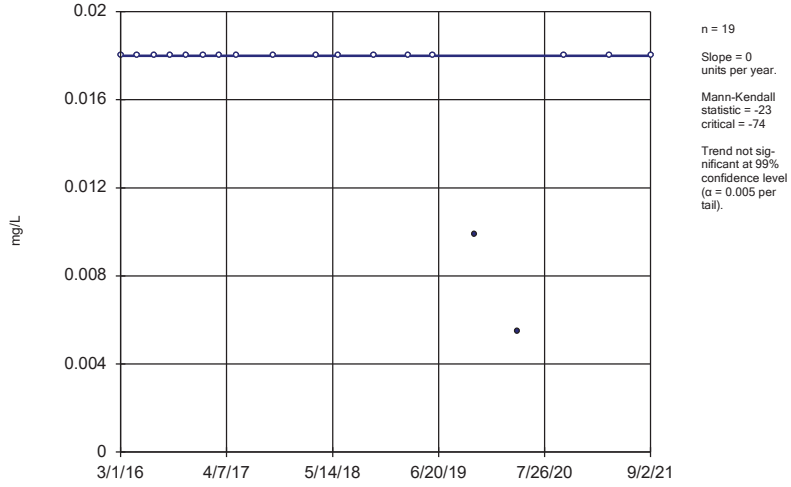
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

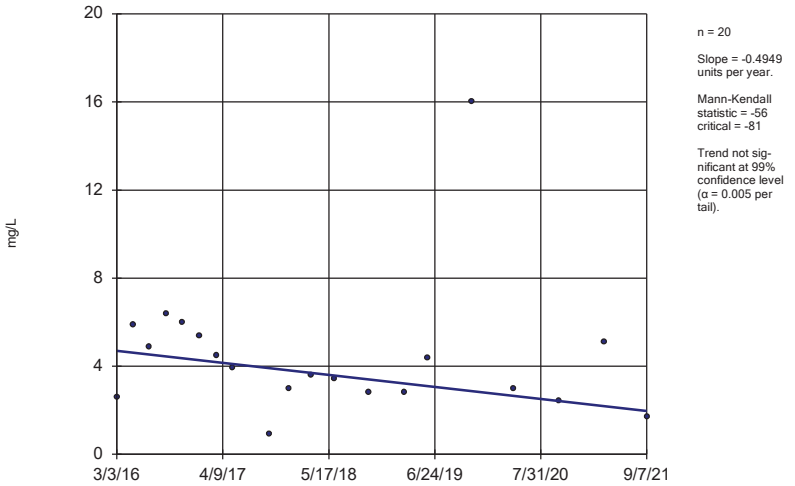
Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

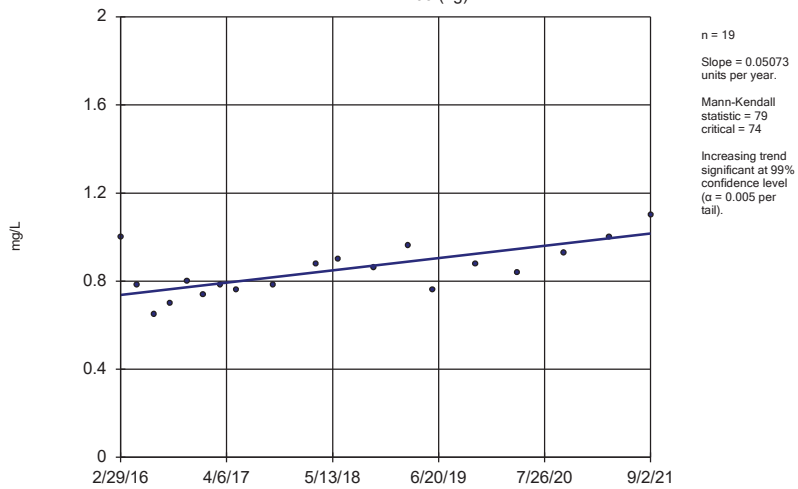
Constituent: Boron Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

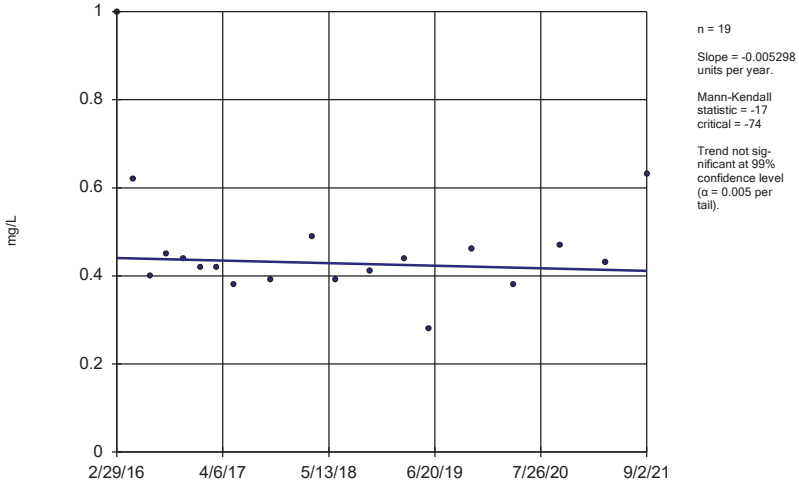
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

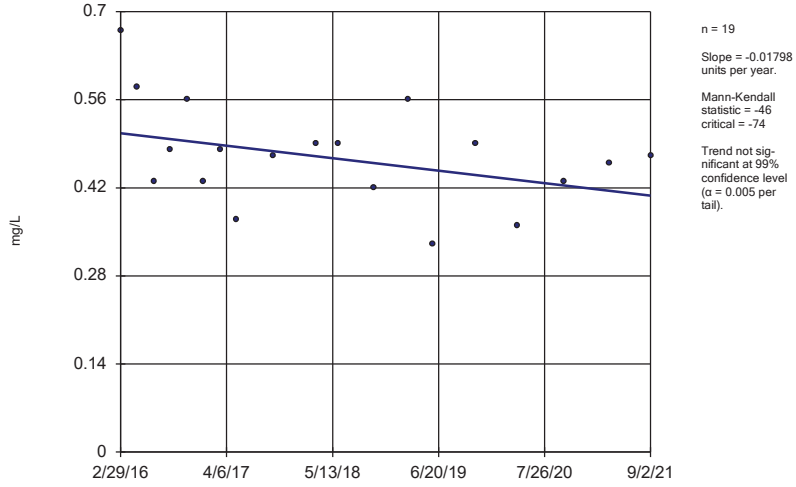
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

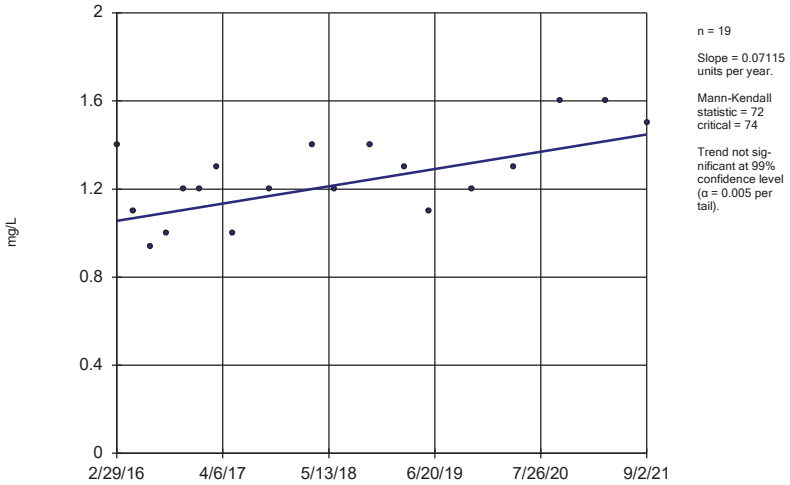
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

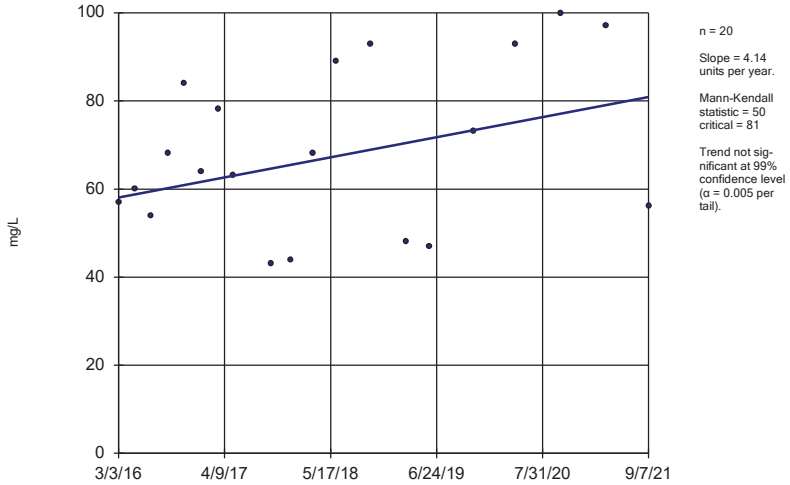
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

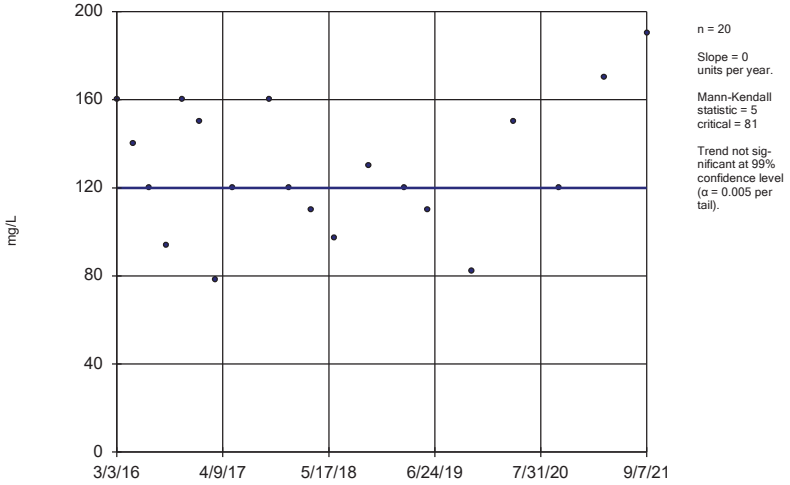
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

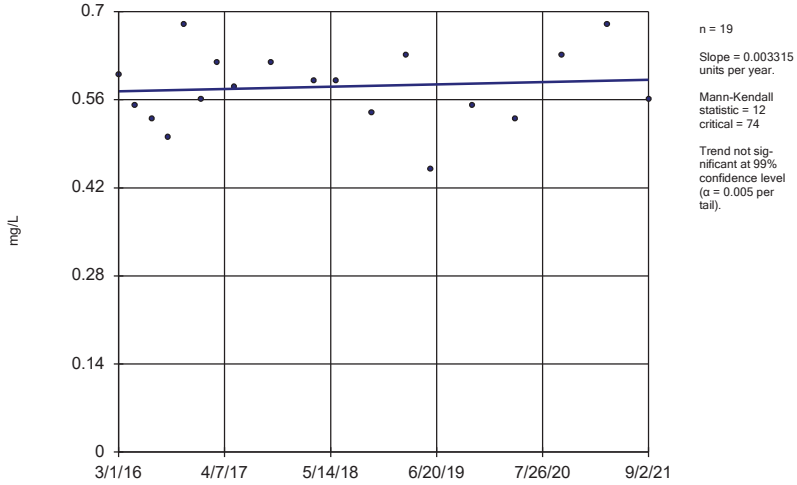
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

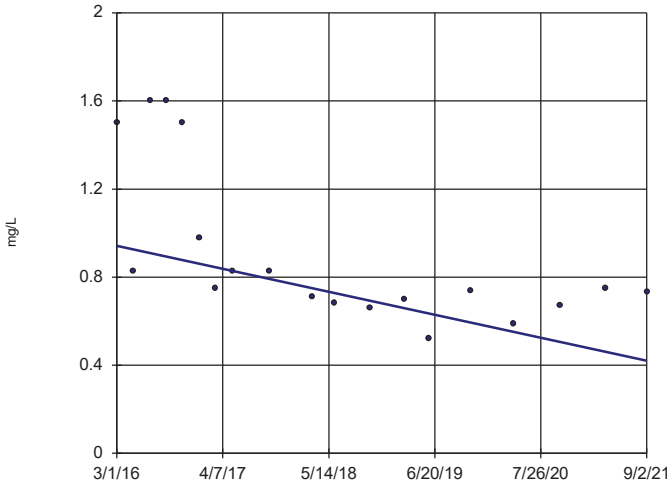
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

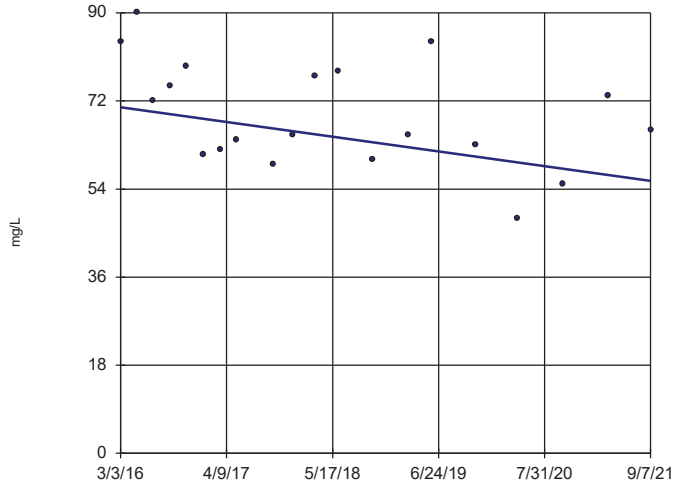
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

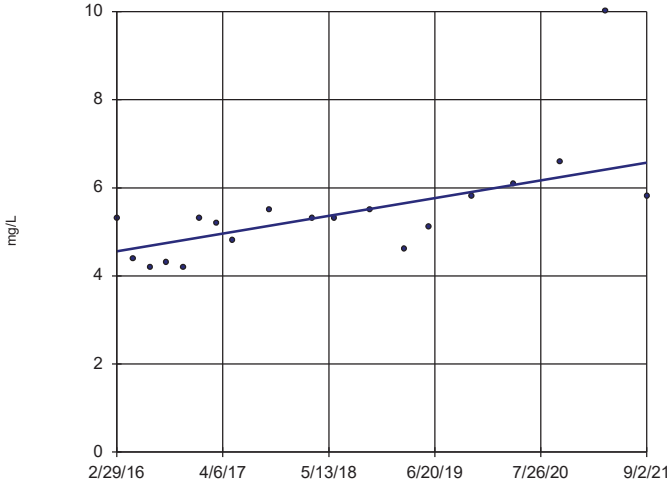
Constituent: Calcium Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

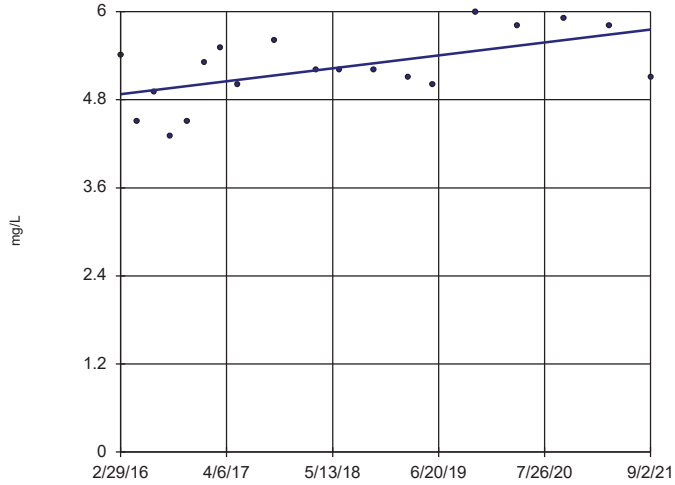
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

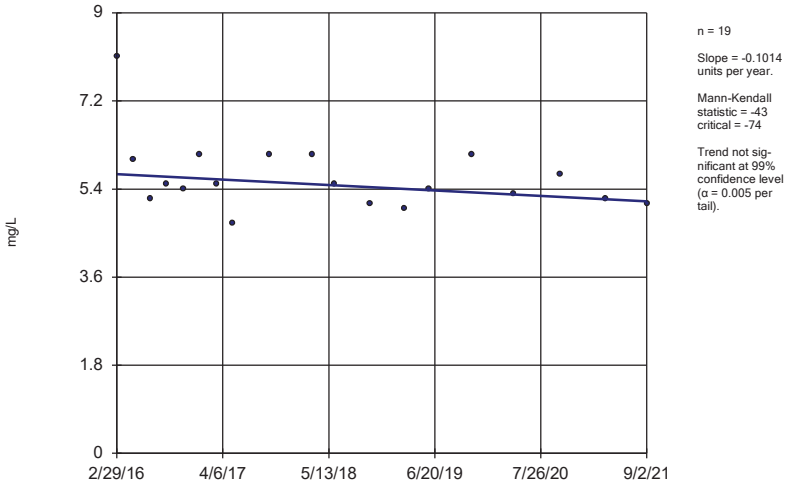
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

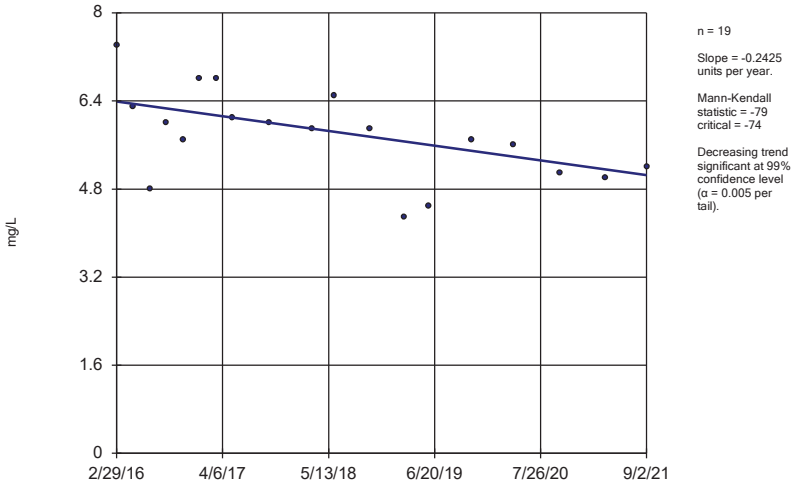
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

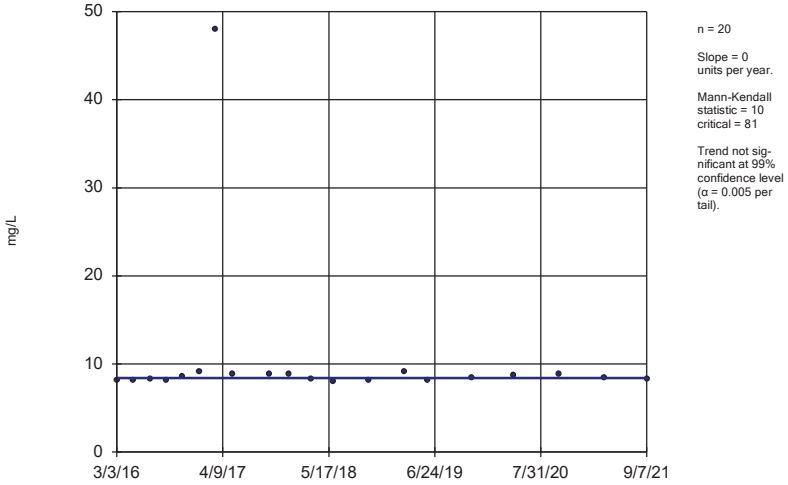
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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).

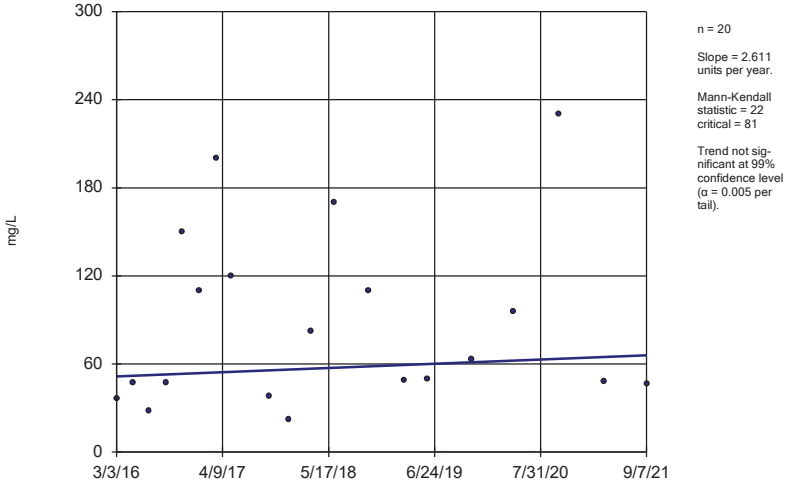
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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

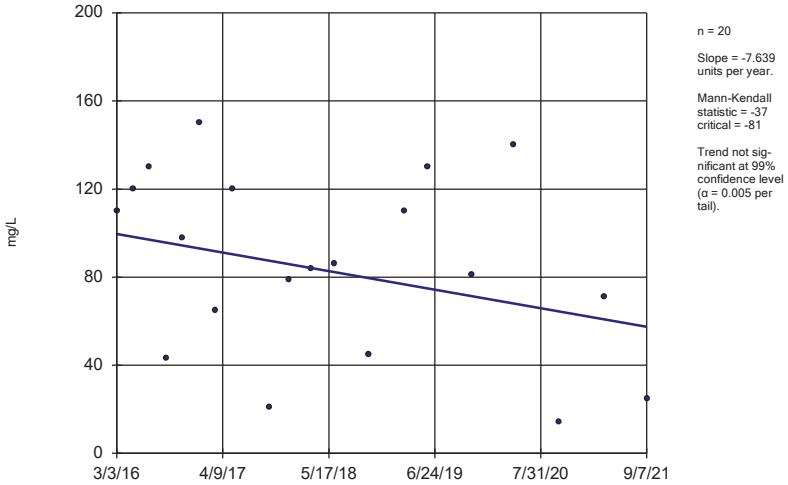
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

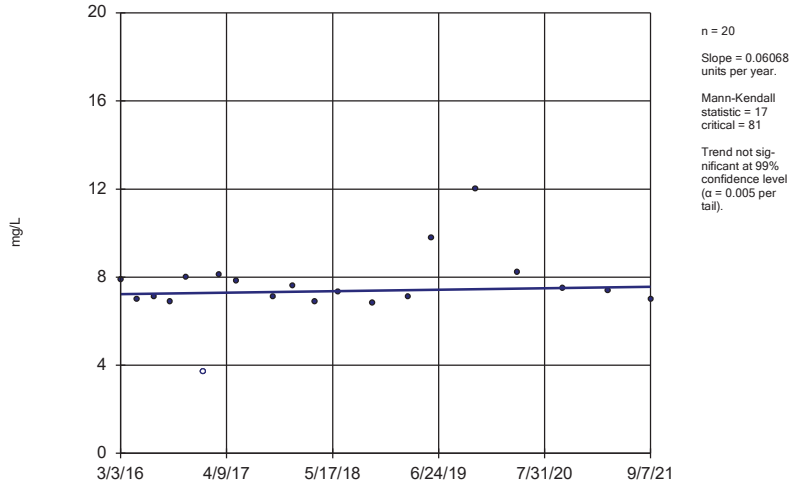
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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

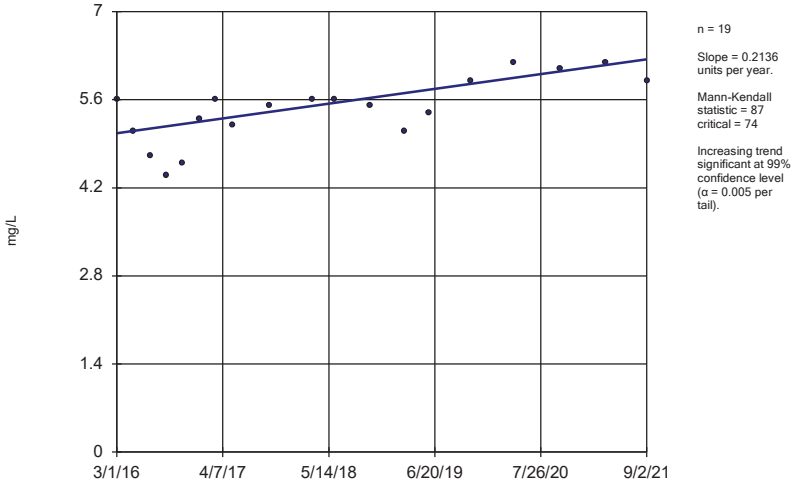
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

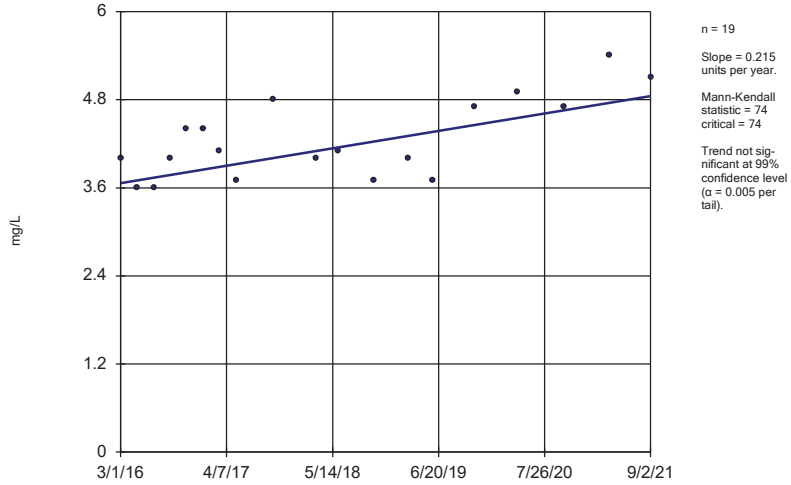
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

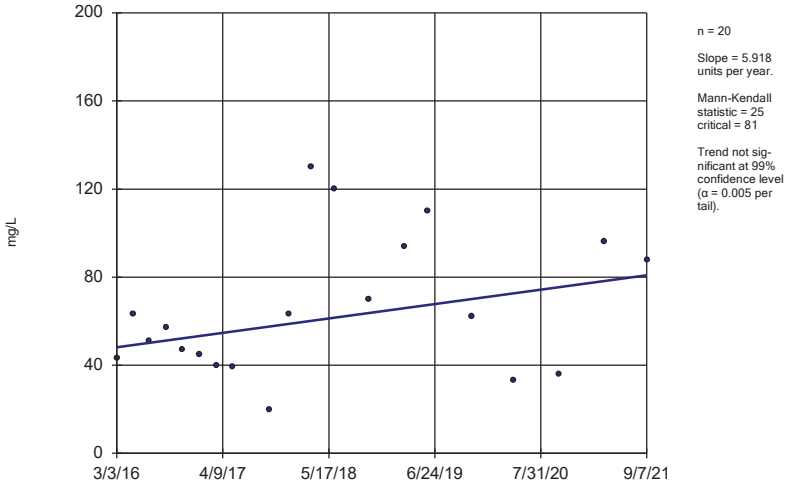
Constituent: Chloride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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

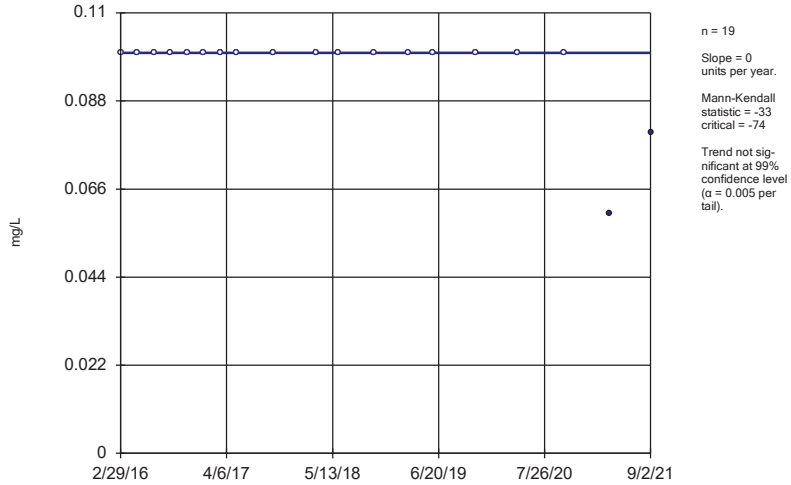
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

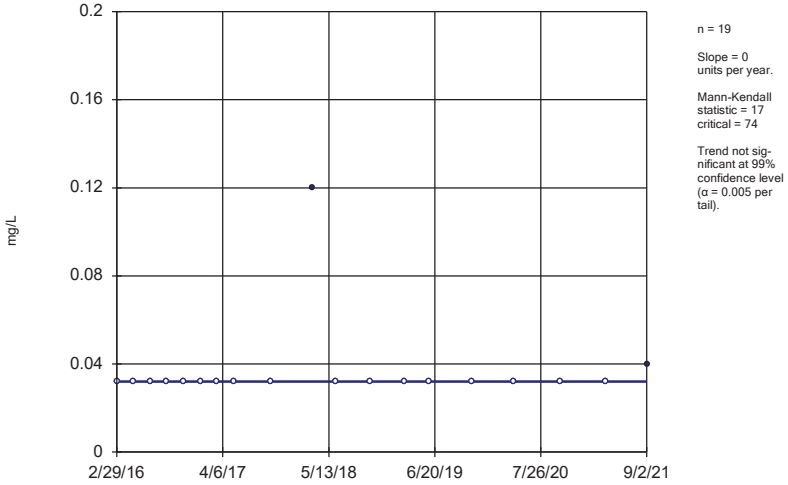
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

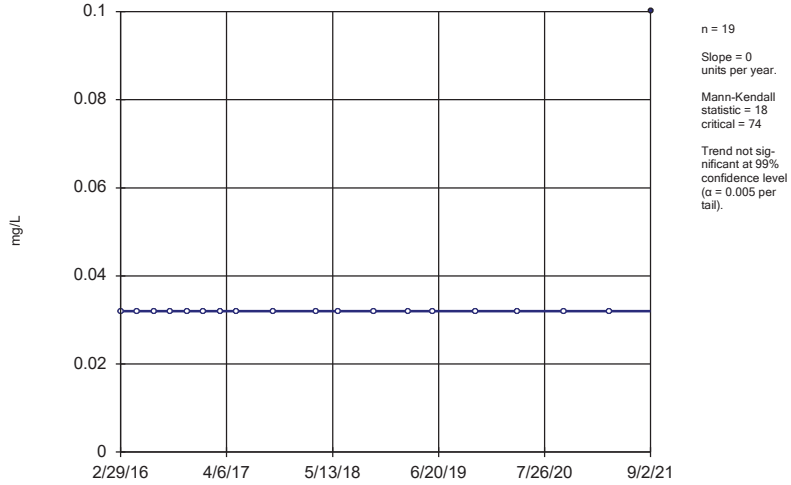
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

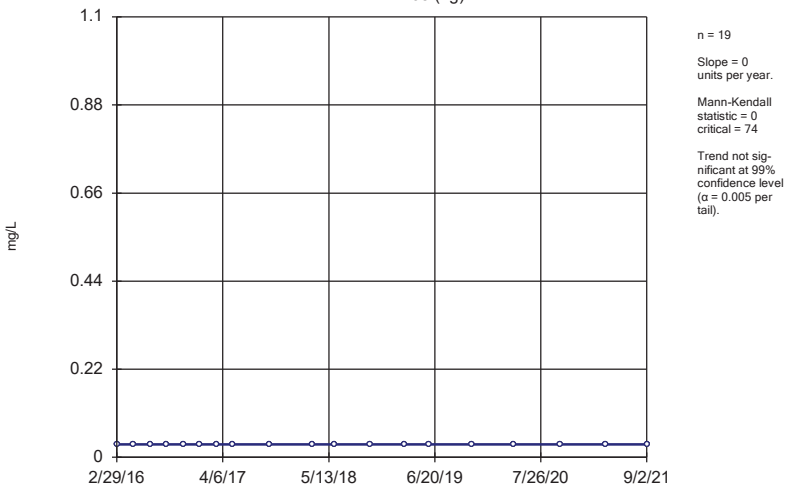
Constituent: Fluoride Analysis Run 12/17/2021 4:27 AM View: 300 Series - Trend Test

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

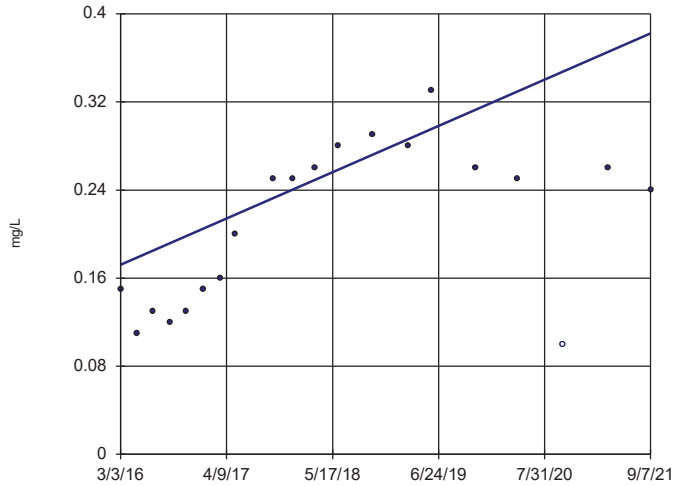
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

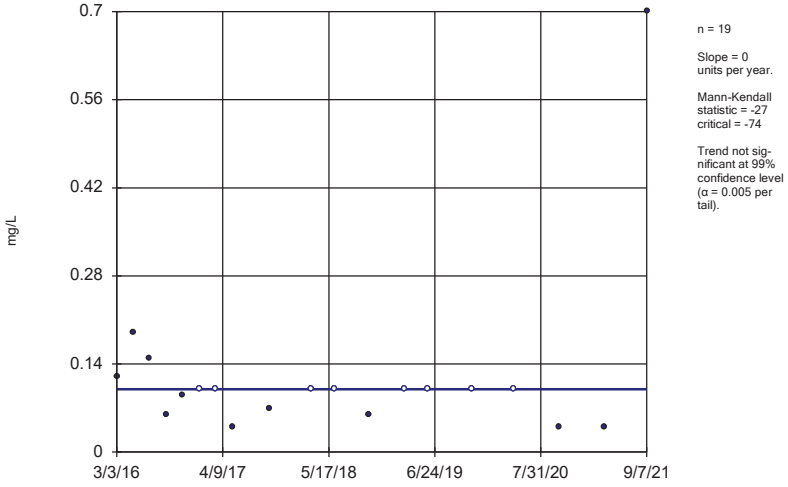
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

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

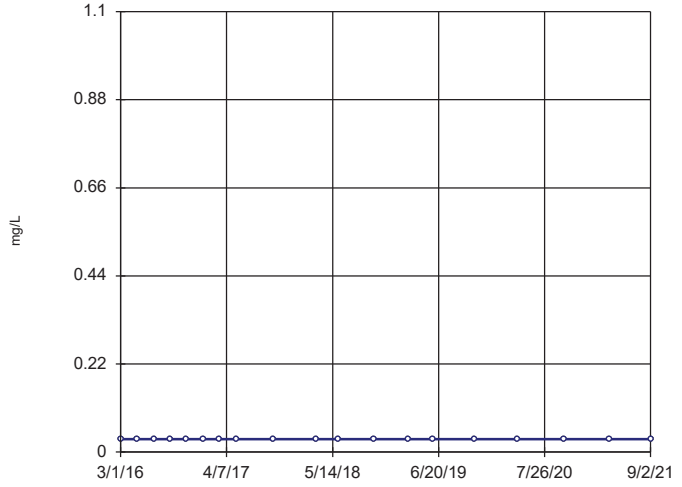
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

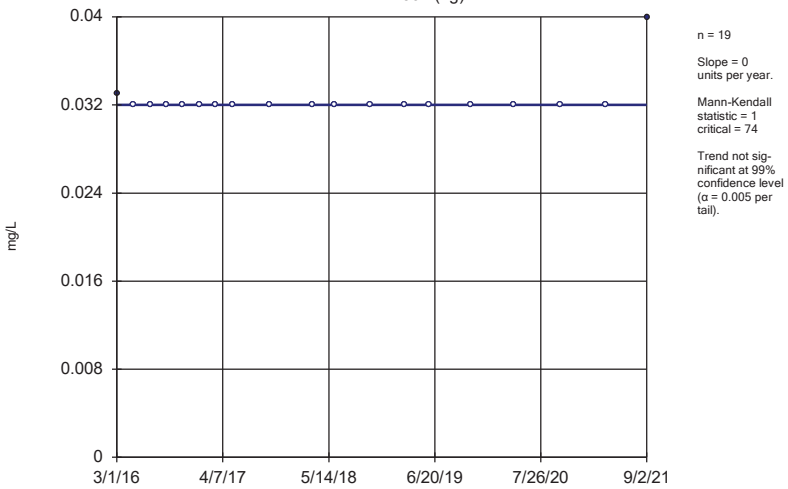
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

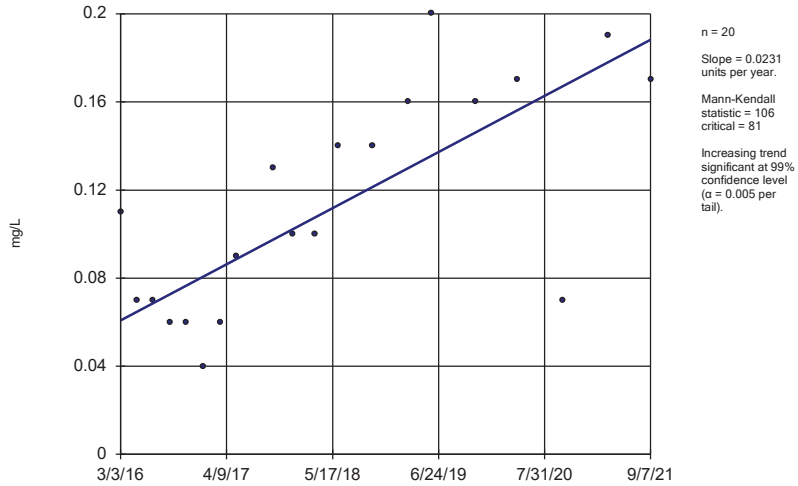
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

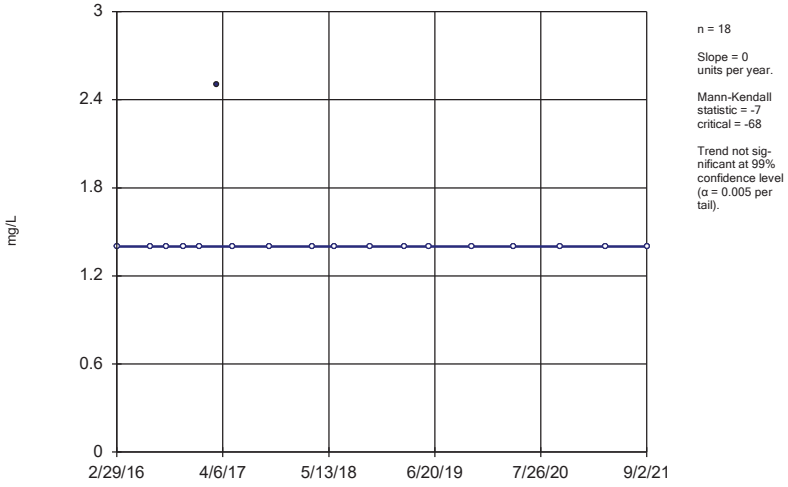
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

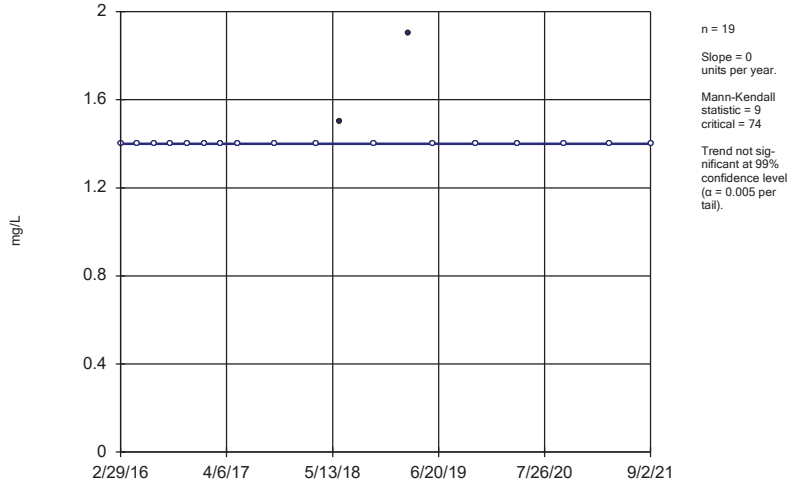
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

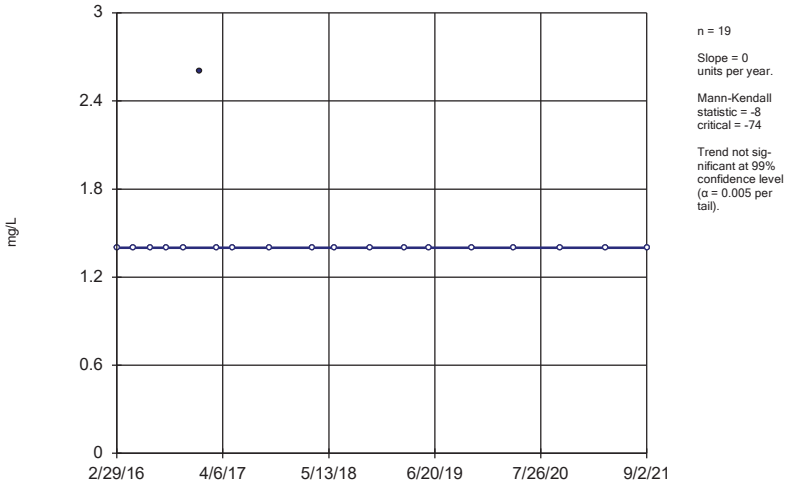
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

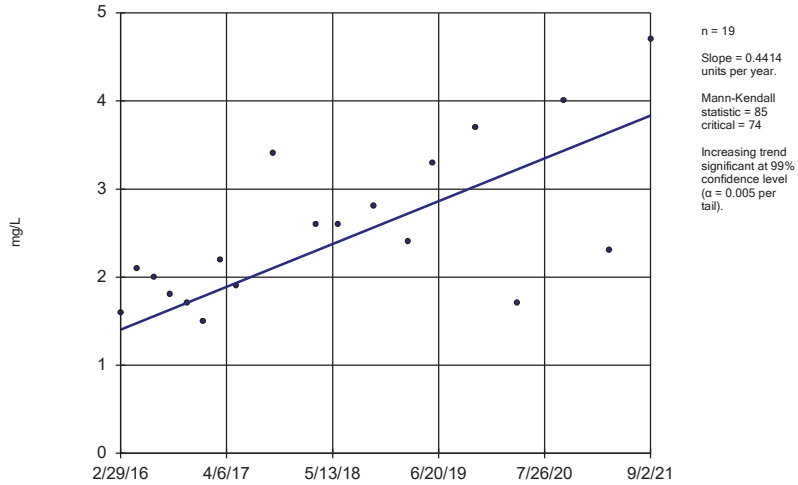
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

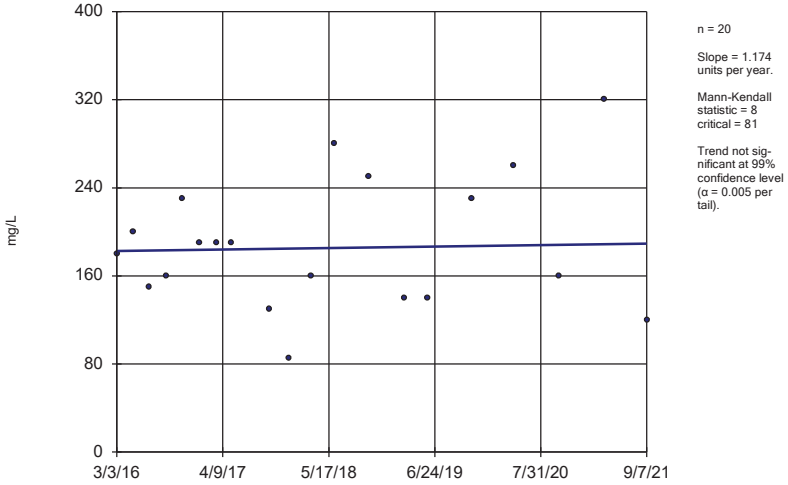
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

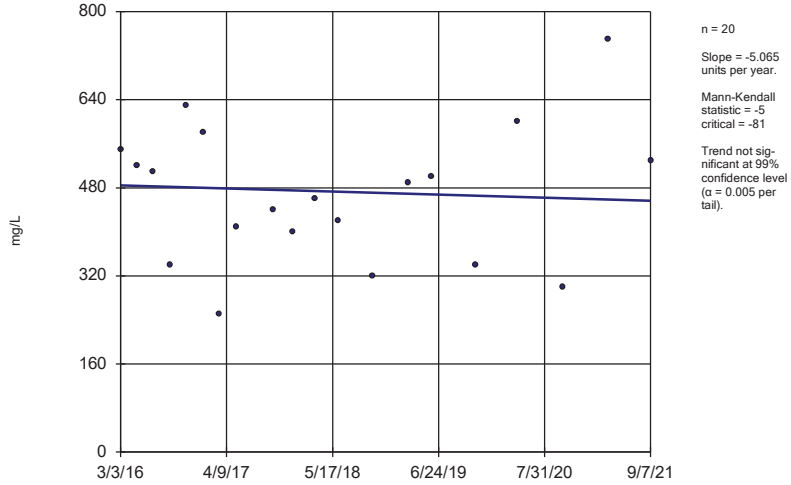
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

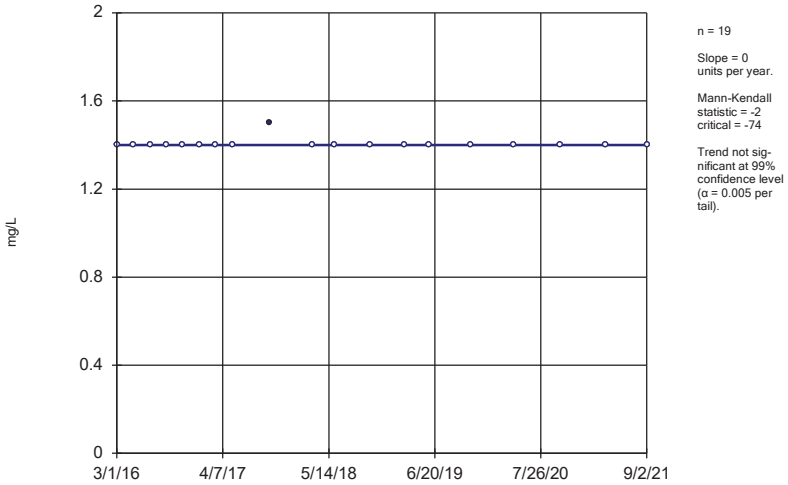
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

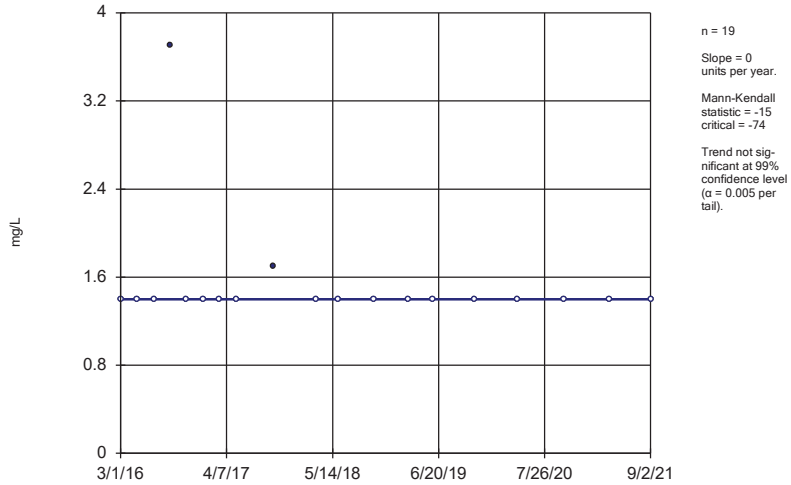
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

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).

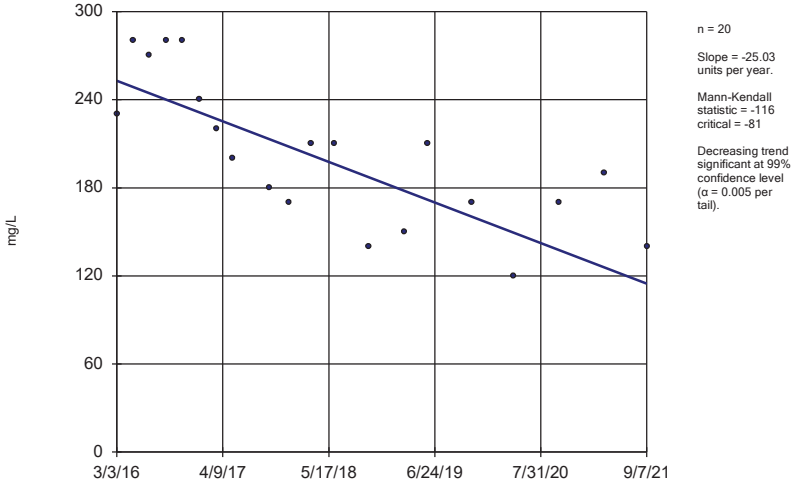
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

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).

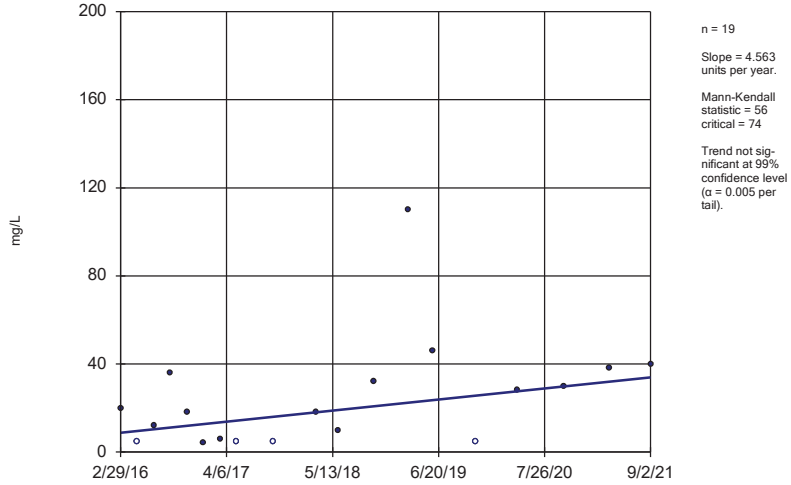
Constituent: Sulfate Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

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).

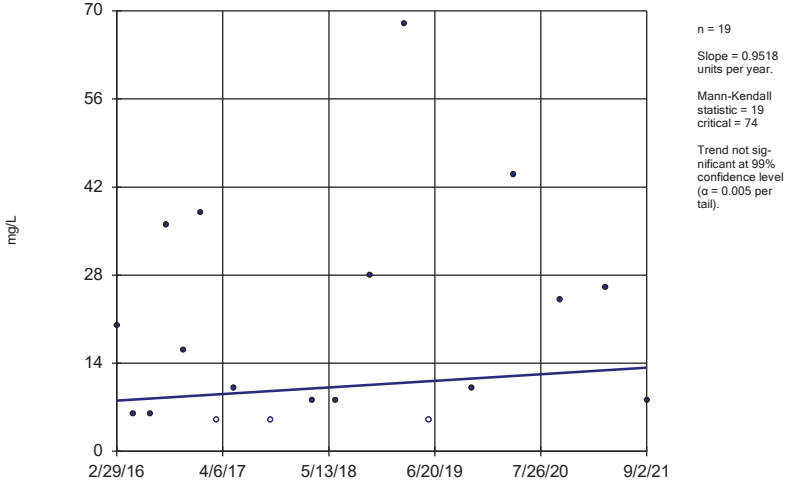
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

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

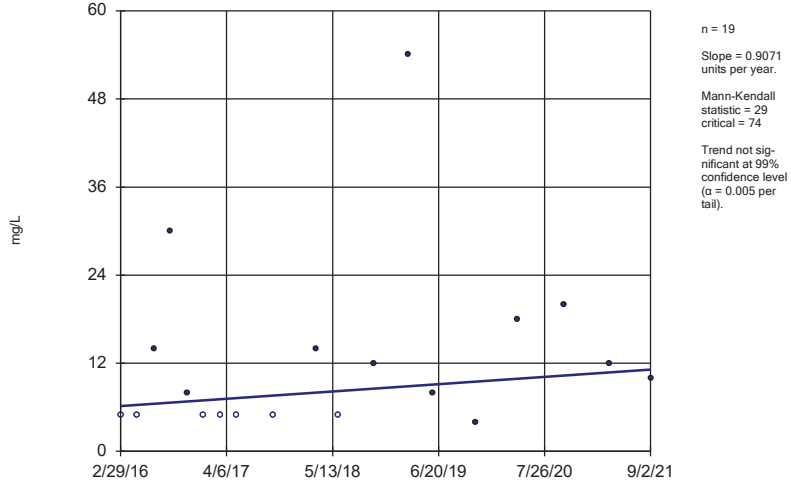
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

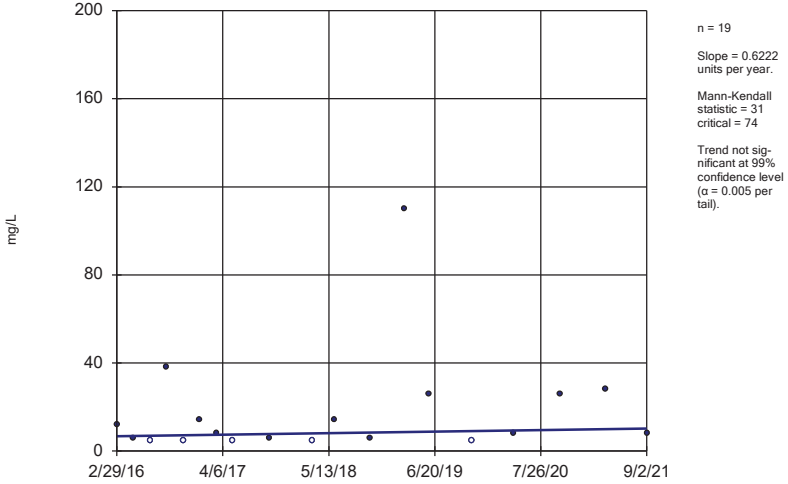
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

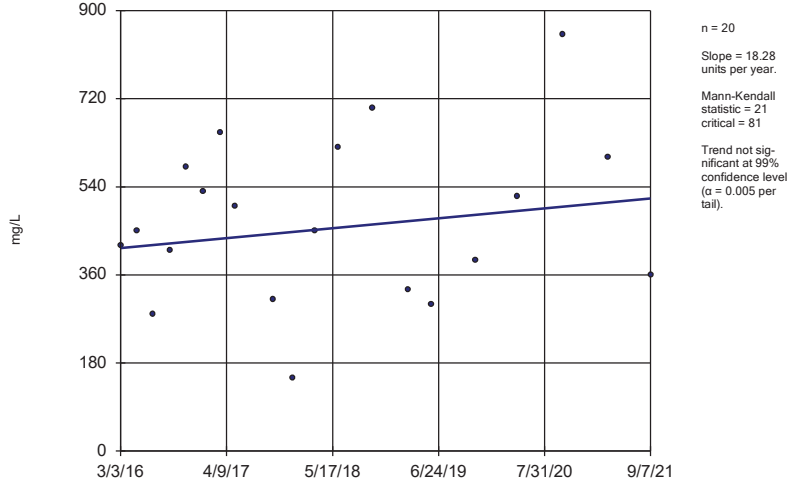
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

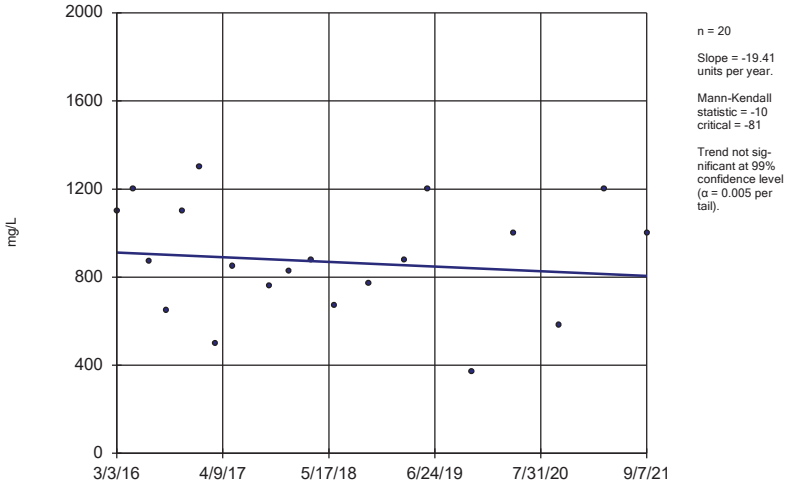
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

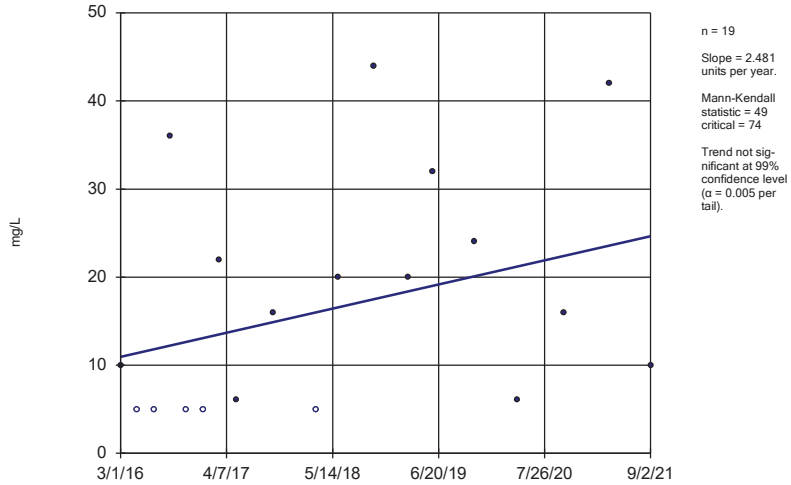
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

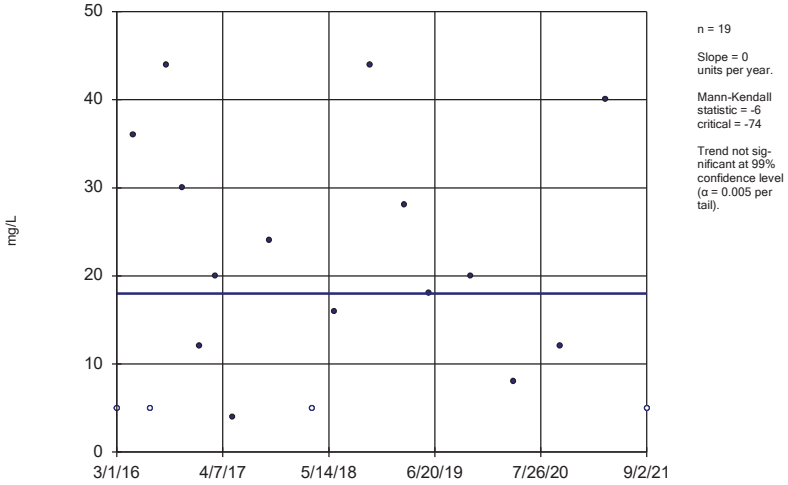
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

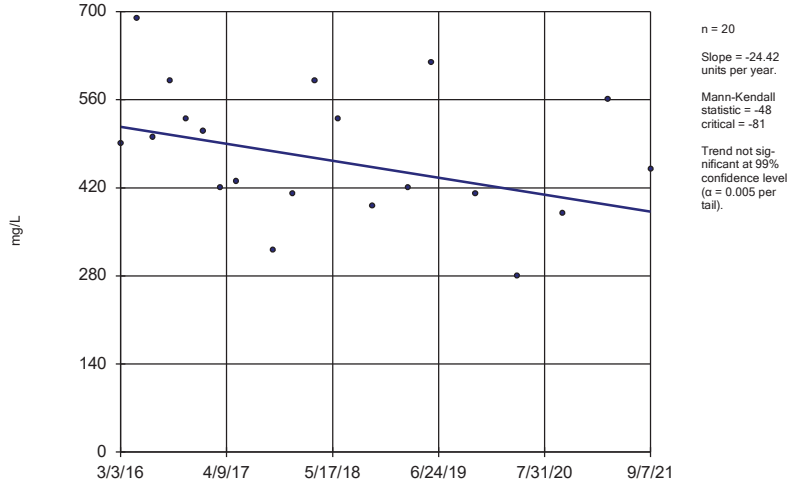
Constituent: Total Dissolved Solids Analysis Run 12/17/2021 4:28 AM View: 300 Series - Trend Test

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)

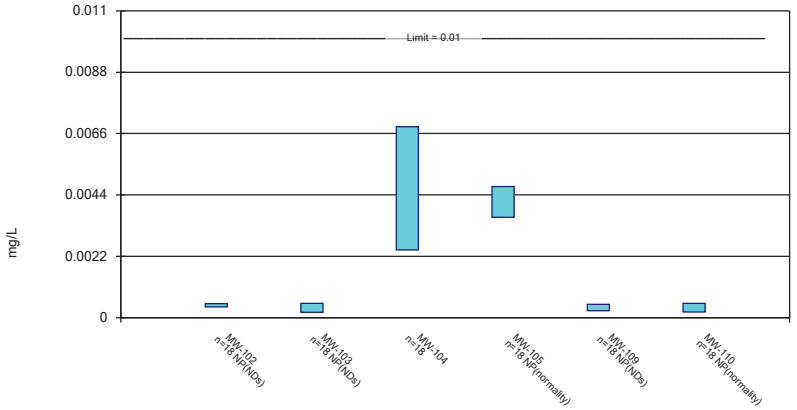
Confidence Interval Summary Table - 100 Series - All Results

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.

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.

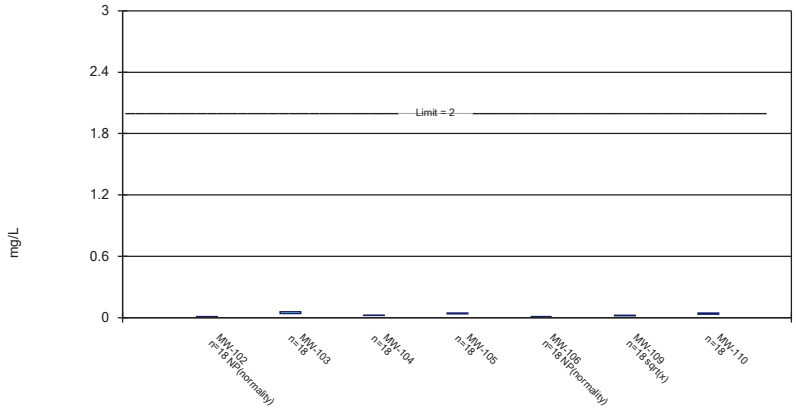


Constituent: Arsenic Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

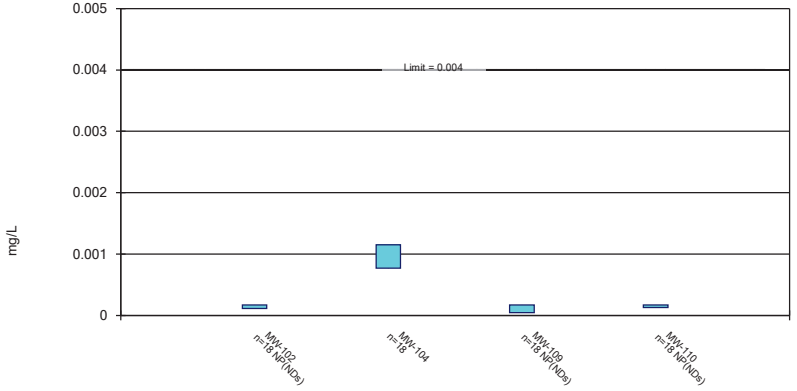


Constituent: Barium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

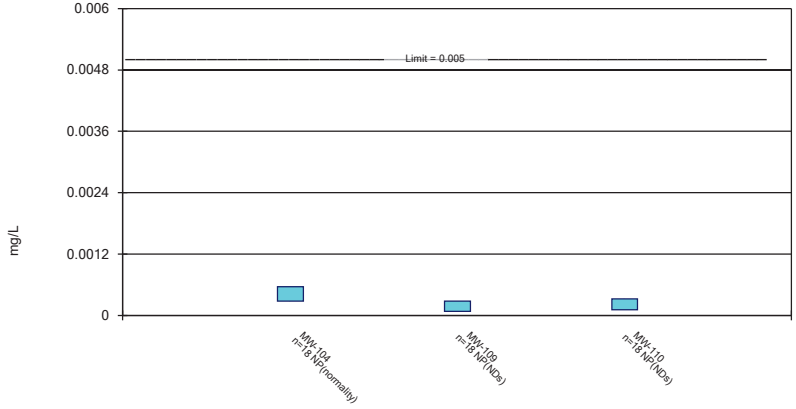


Constituent: Beryllium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

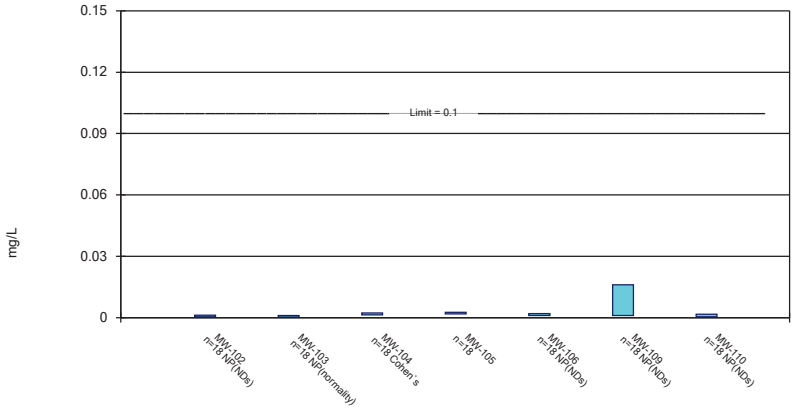


Constituent: Cadmium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

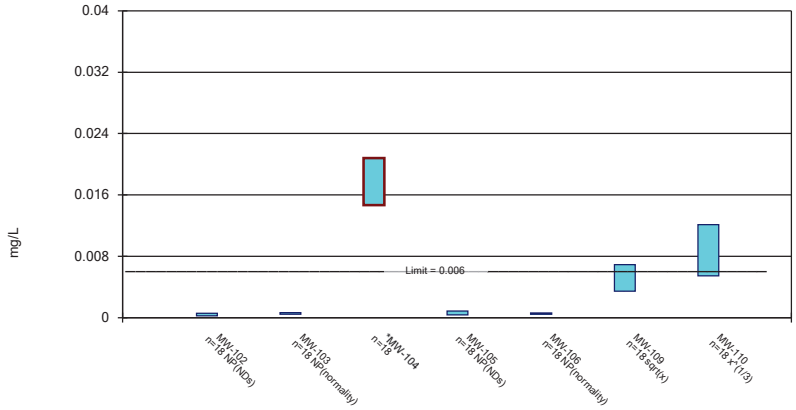


Constituent: Chromium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

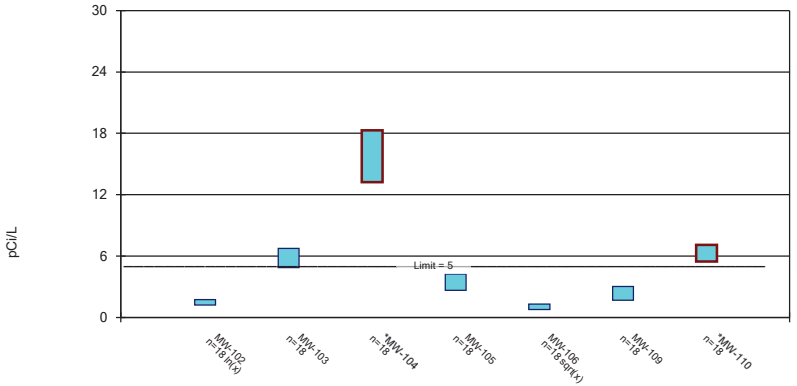


Constituent: Cobalt Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

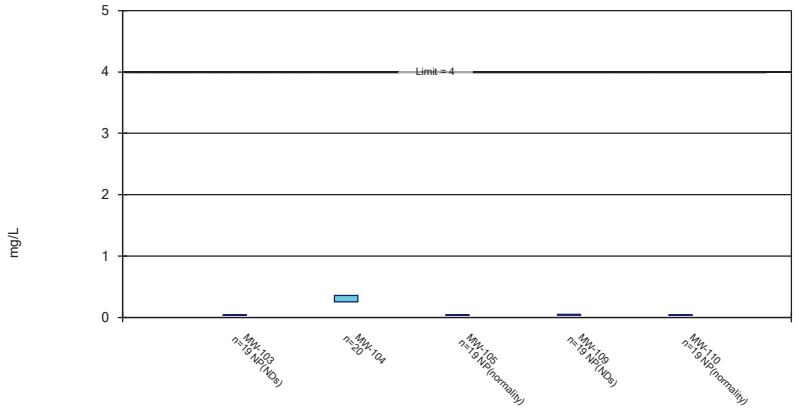


Constituent: Combined Radium 226 + 228 Analysis Run 12/29/2021 11:47 AM View: 100 Series Confiden
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

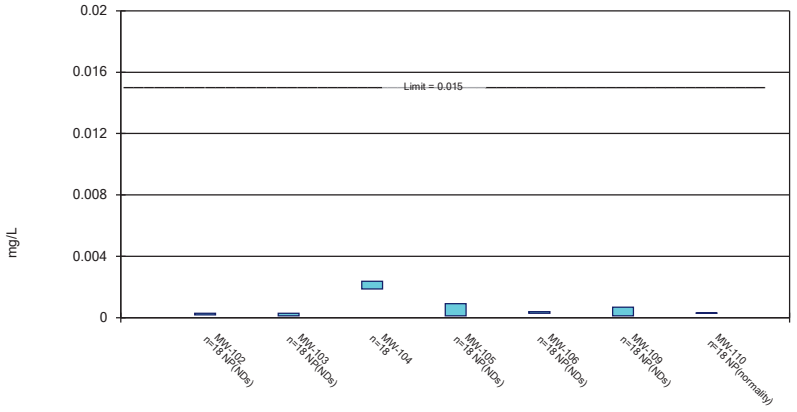


Constituent: Fluoride Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

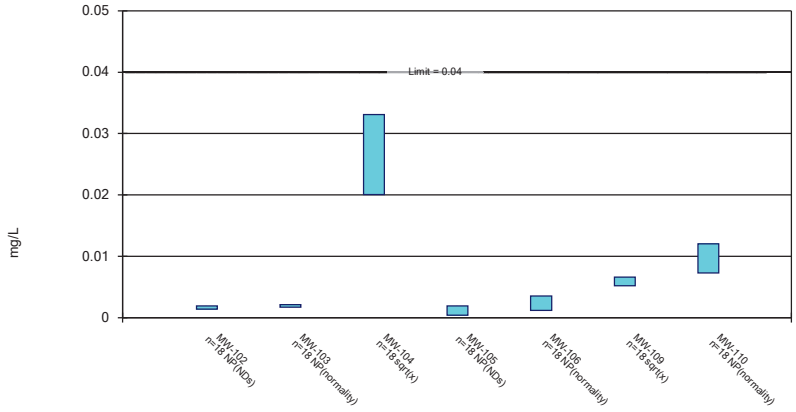


Constituent: Lead Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

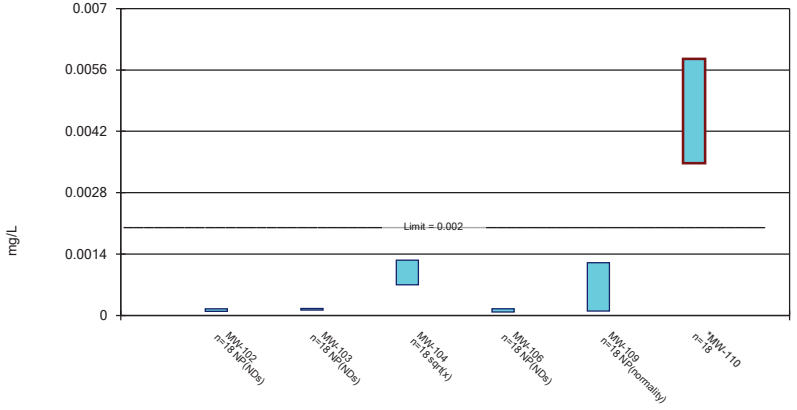


Constituent: Lithium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

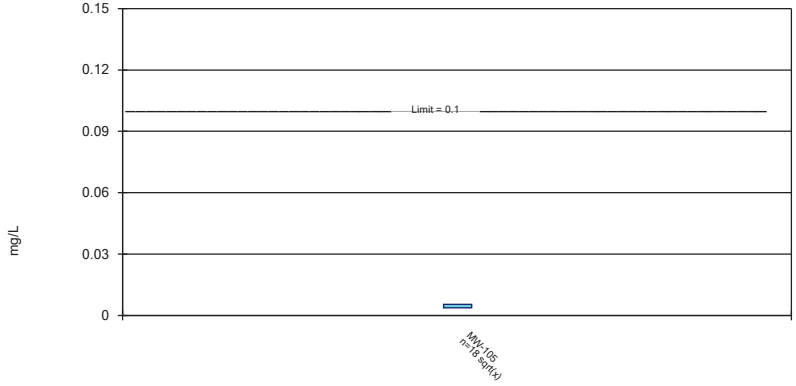


Constituent: Mercury Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Parametric Confidence Interval

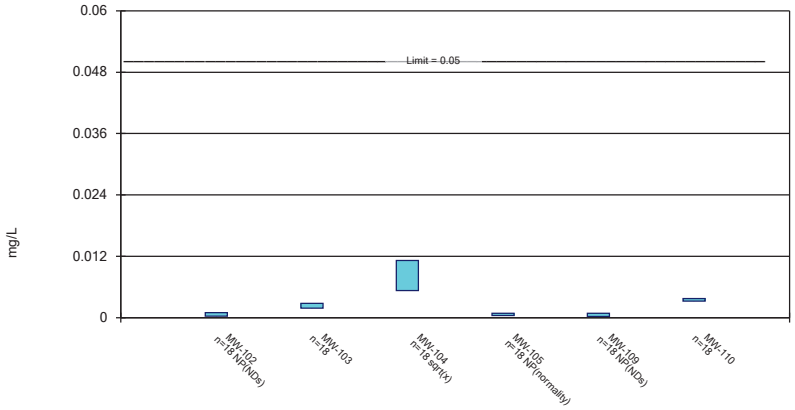
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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.



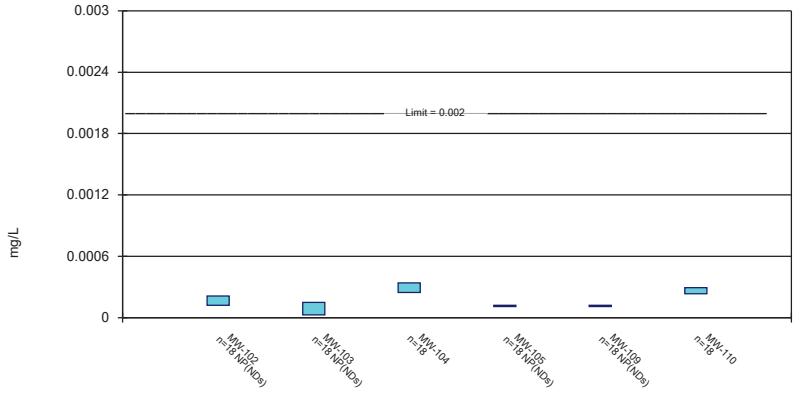
Constituent: Selenium Analysis Run 12/29/2021 11:47 AM View: 100 Series Confidence Intervals

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

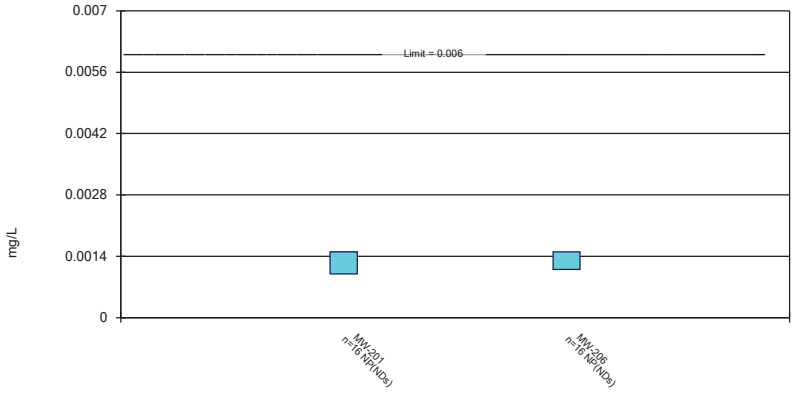
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:49 AM

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.

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

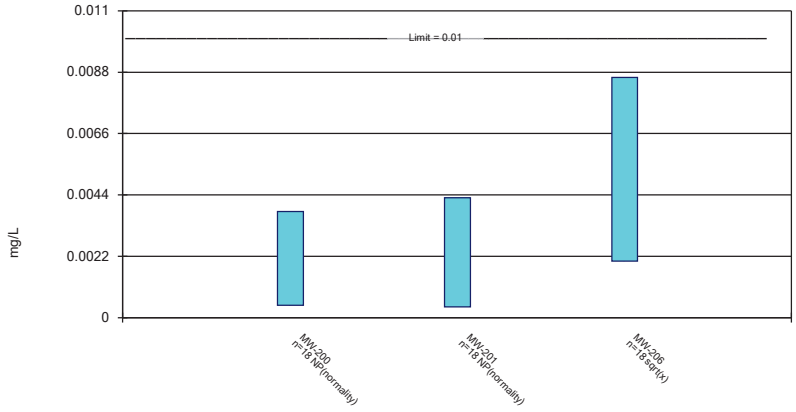


Constituent: Antimony Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

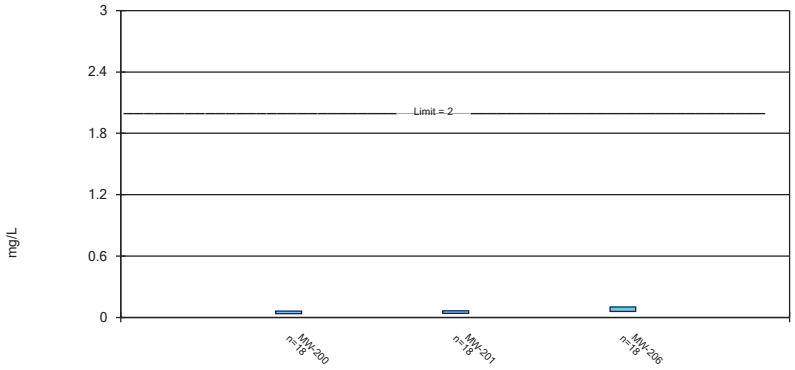


Constituent: Arsenic Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

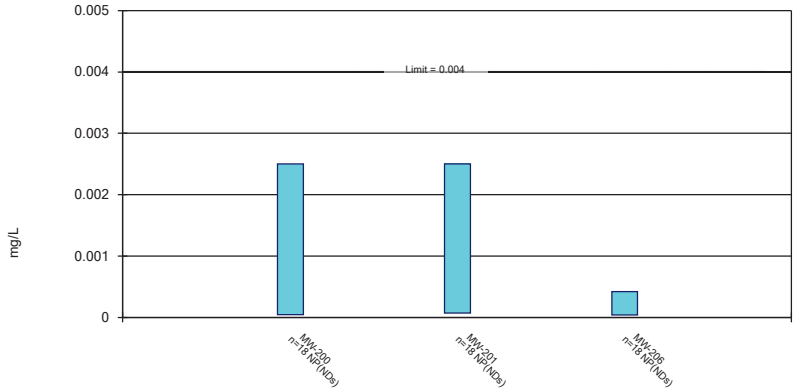


Constituent: Barium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

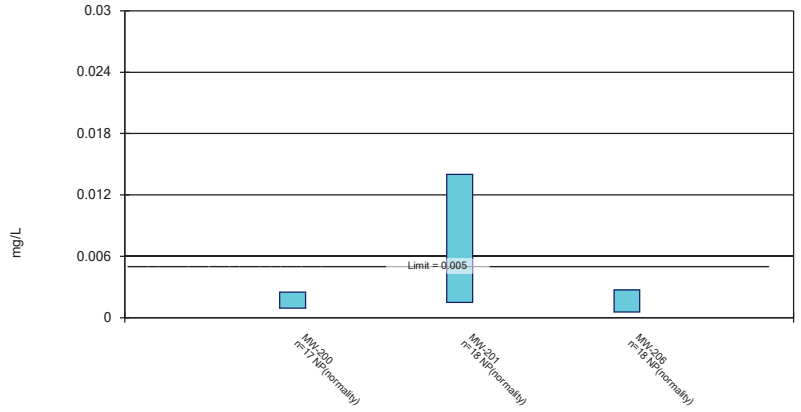


Constituent: Beryllium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

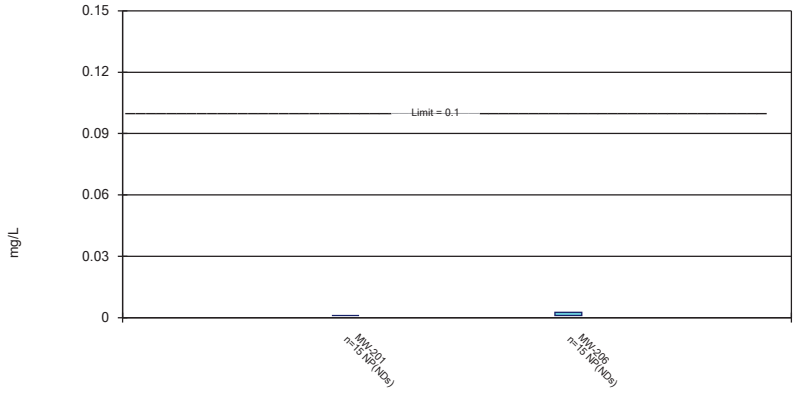


Constituent: Cadmium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

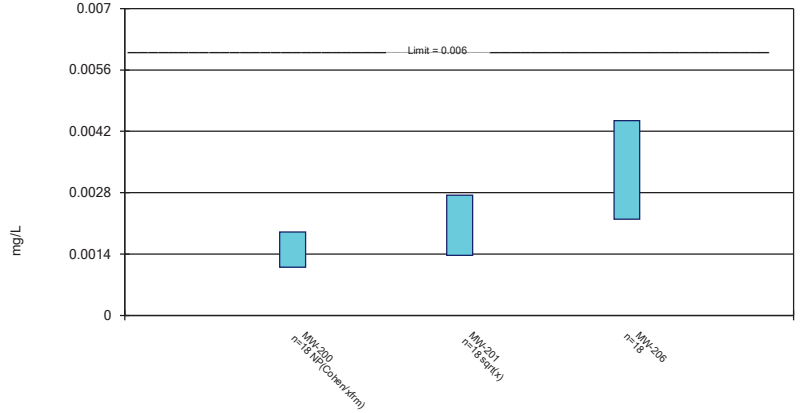


Constituent: Chromium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

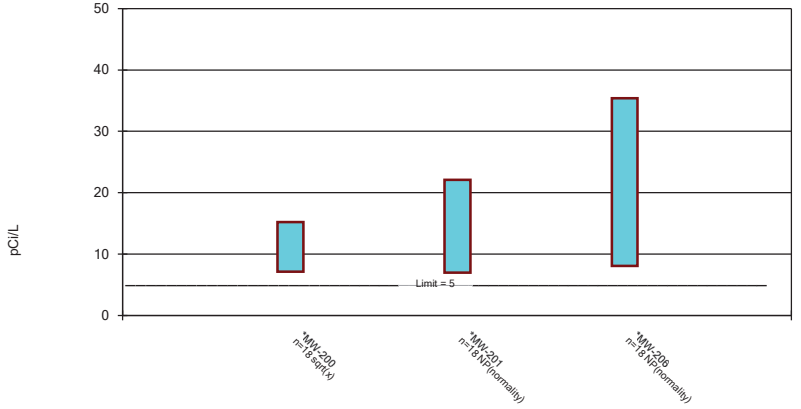


Constituent: Cobalt Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

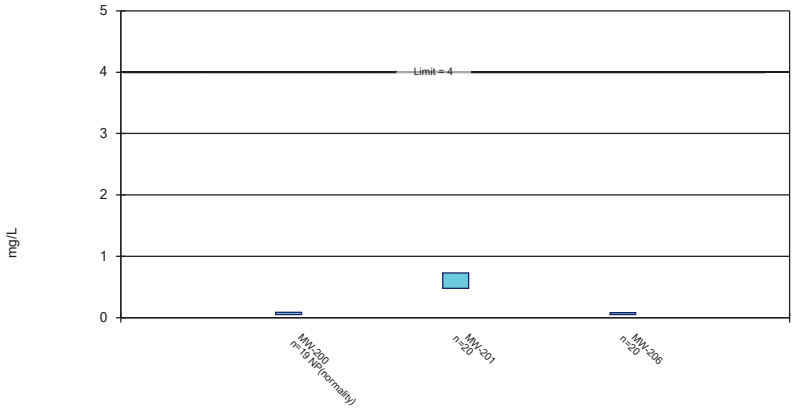


Constituent: Combined Radium 226 + 228 Analysis Run 12/29/2021 11:48 AM View: 200 Series Confiden
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

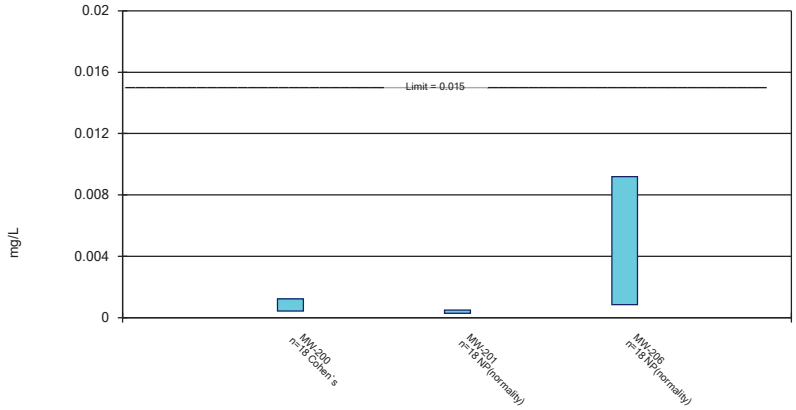


Constituent: Fluoride Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

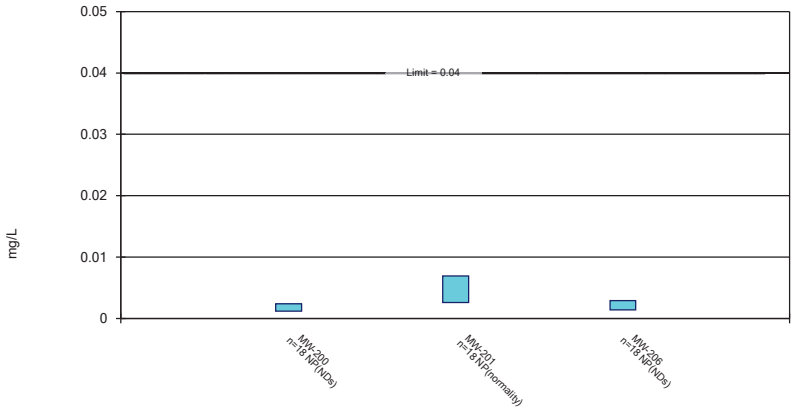


Constituent: Lead Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

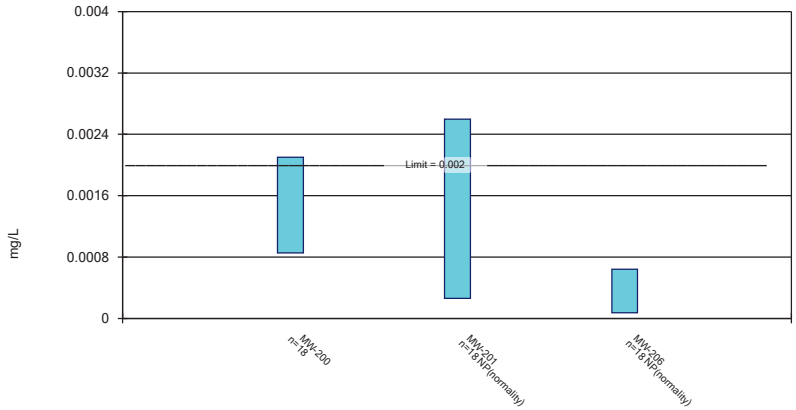


Constituent: Lithium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

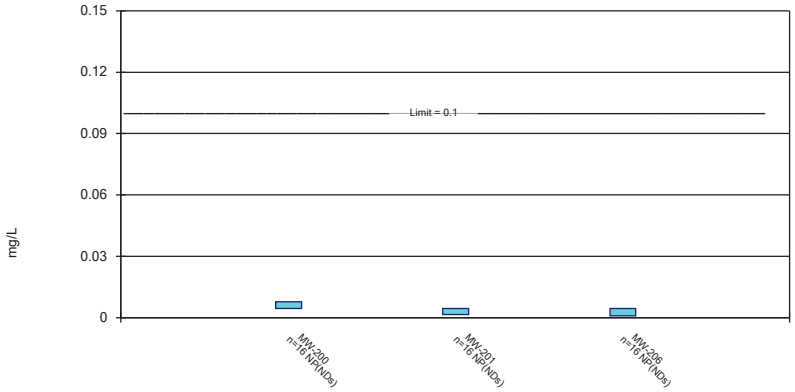


Constituent: Mercury Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

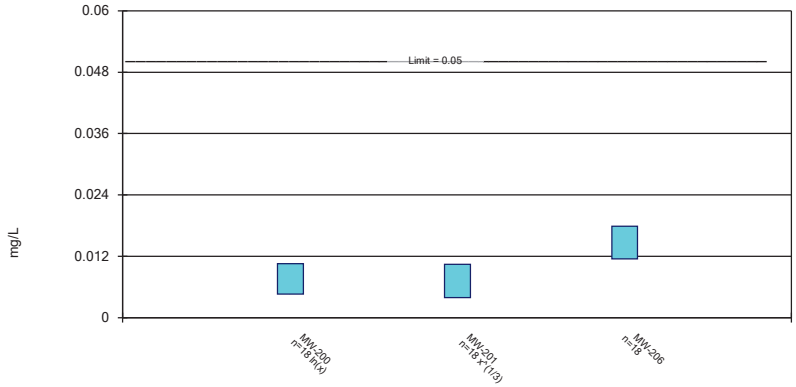


Constituent: Molybdenum Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

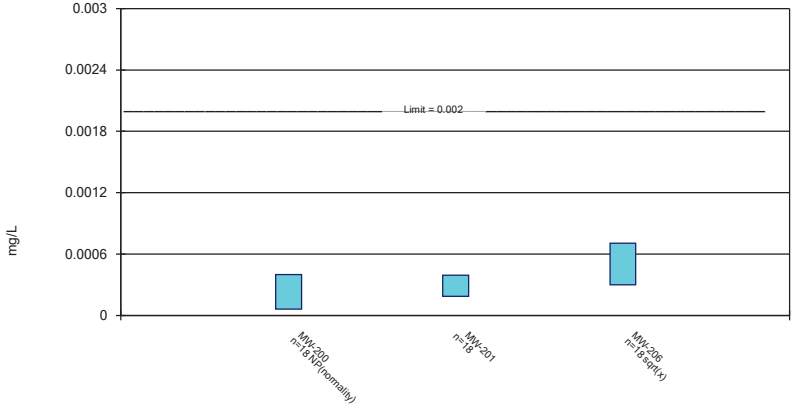


Constituent: Selenium Analysis Run 12/29/2021 11:48 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

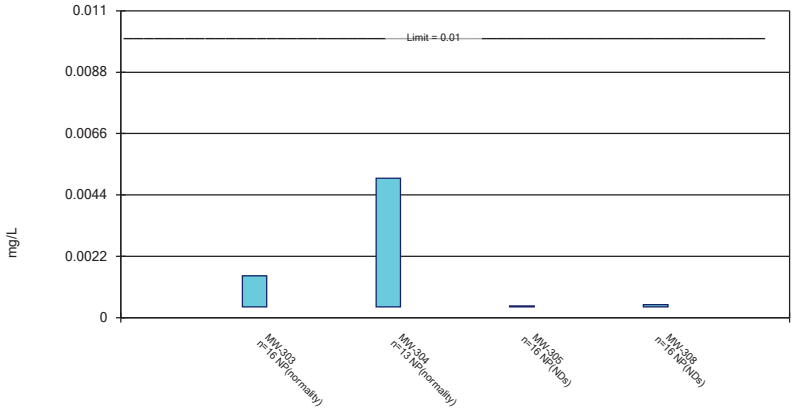
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/29/2021, 11:51 AM

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.

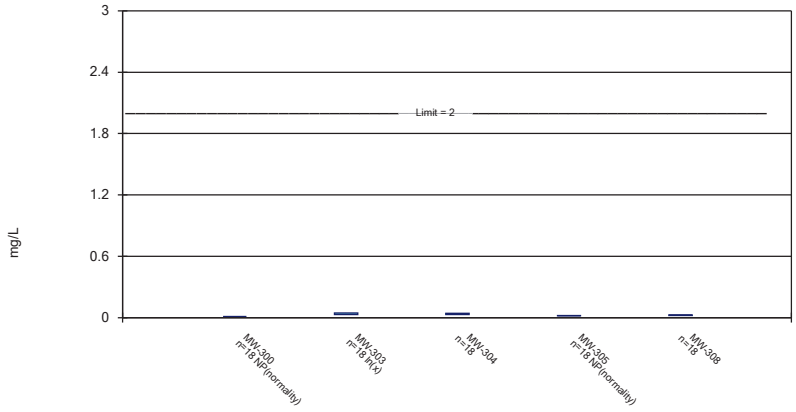


Constituent: Arsenic Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

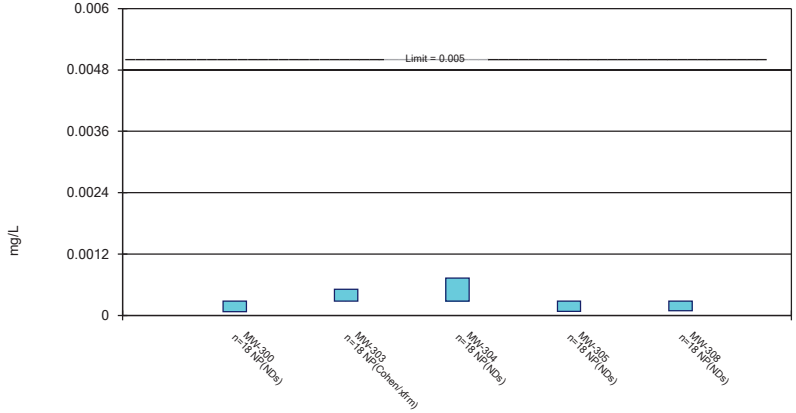


Constituent: Beryllium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

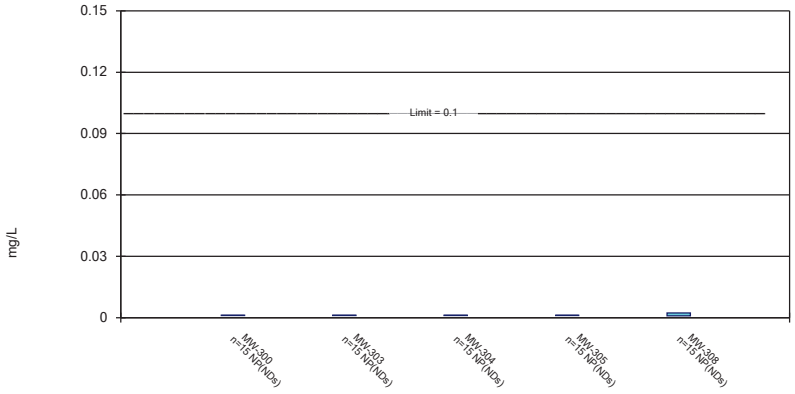


Constituent: Cadmium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

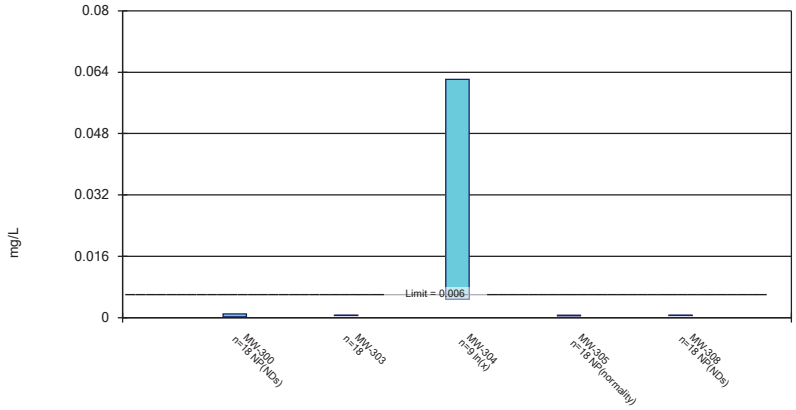


Constituent: Chromium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

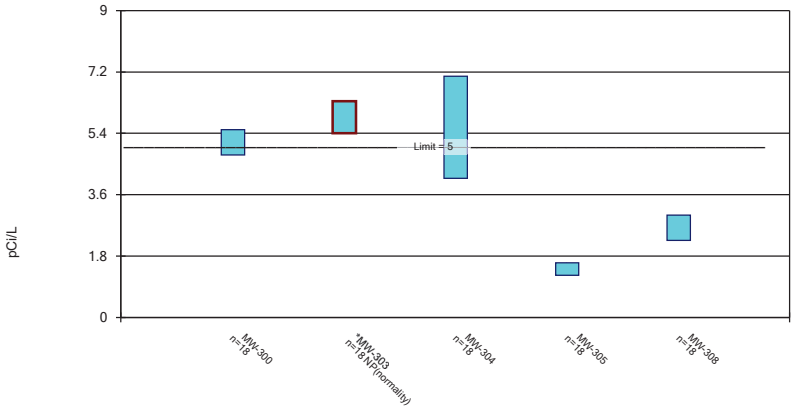


Constituent: Cobalt Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

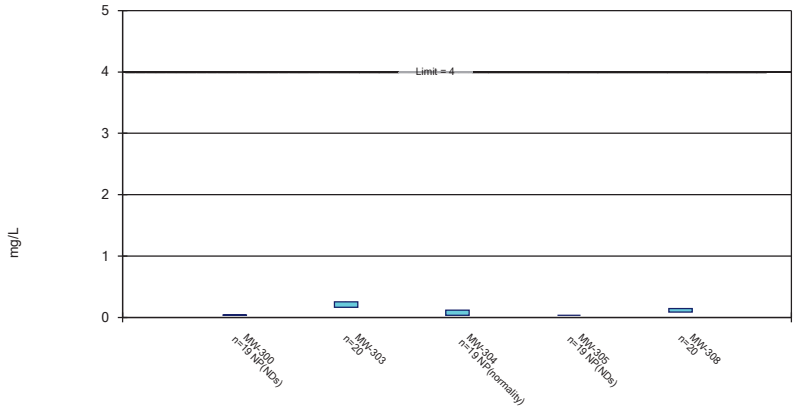


Constituent: Combined Radium 226 + 228 Analysis Run 12/29/2021 11:49 AM View: 300 Series Confiden
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

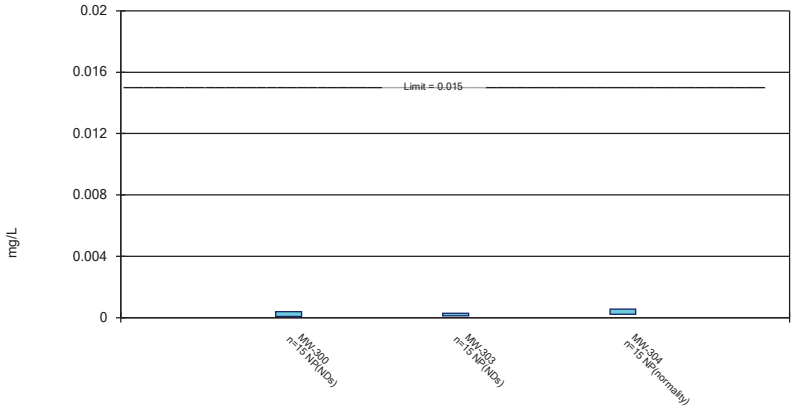


Constituent: Fluoride Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

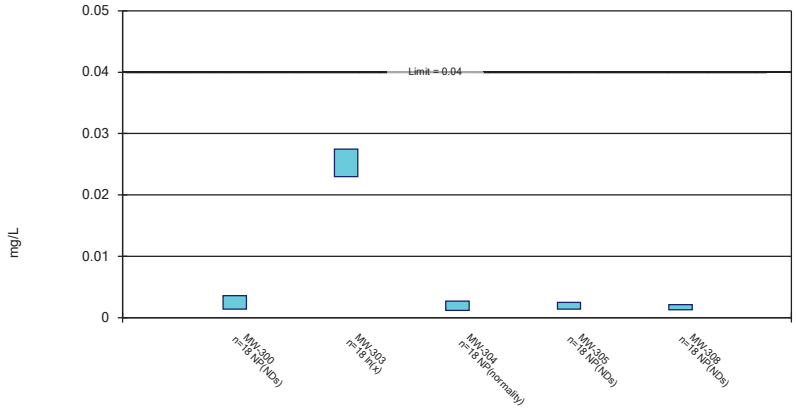


Constituent: Lead Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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.

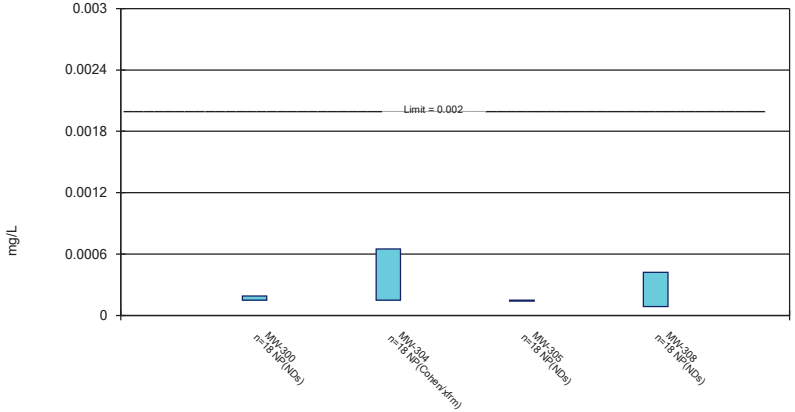


Constituent: Lithium Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

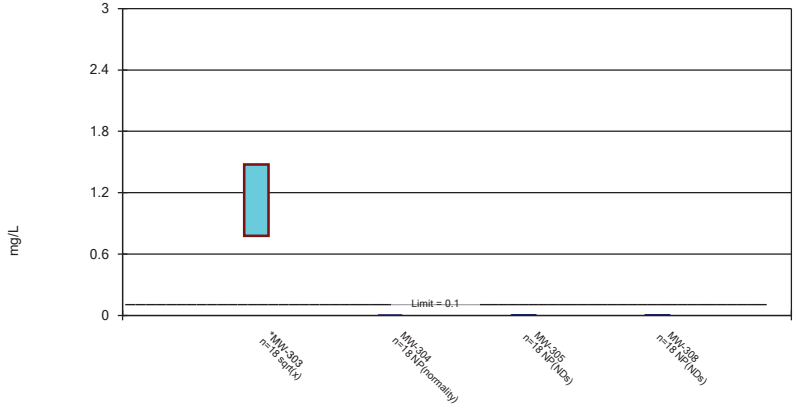


Constituent: Mercury Analysis Run 12/29/2021 11:49 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Parametric and Non-Parametric (NP) Confidence Interval

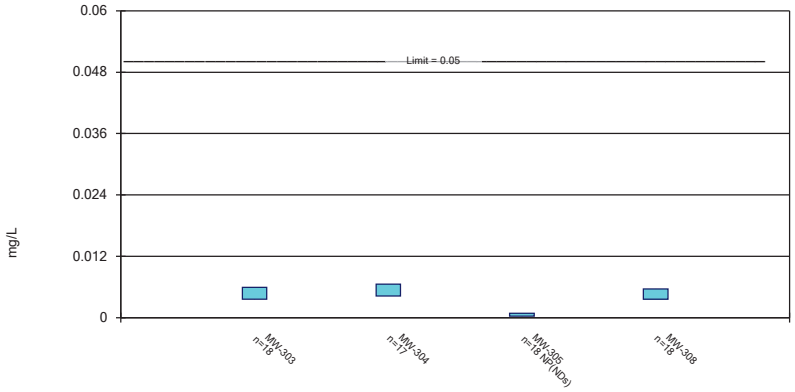
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

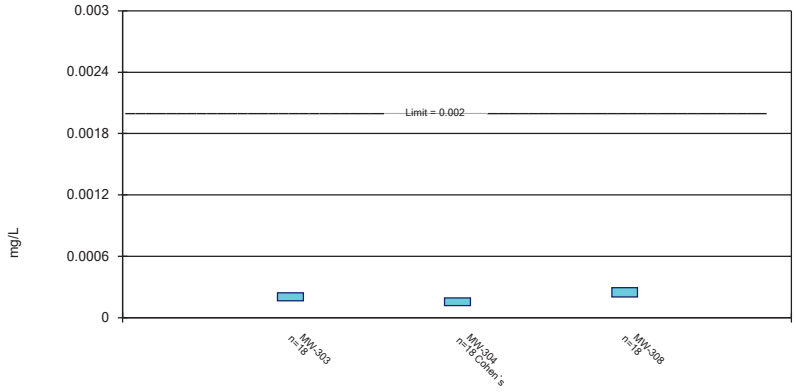
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

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)

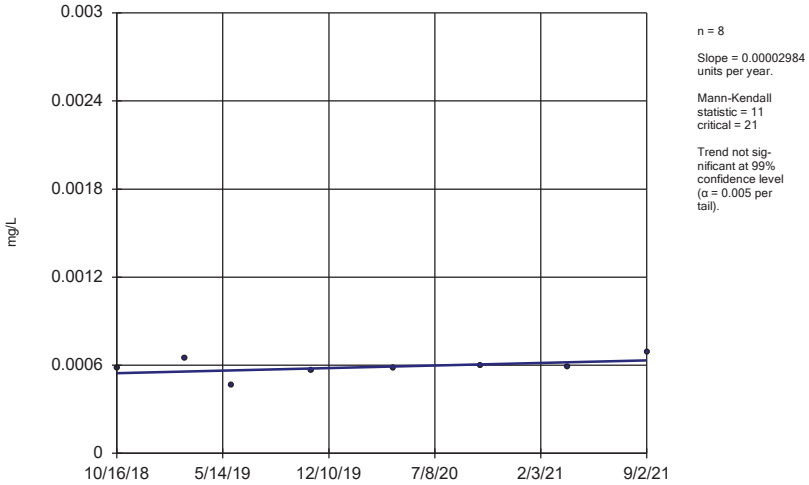
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 4:41 AM

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

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

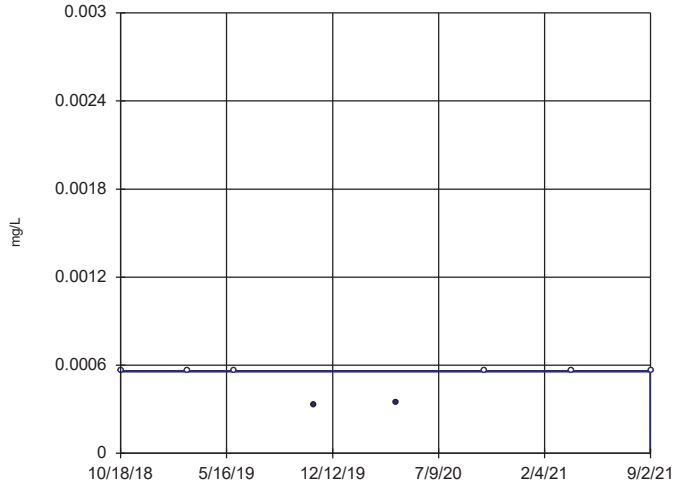
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 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

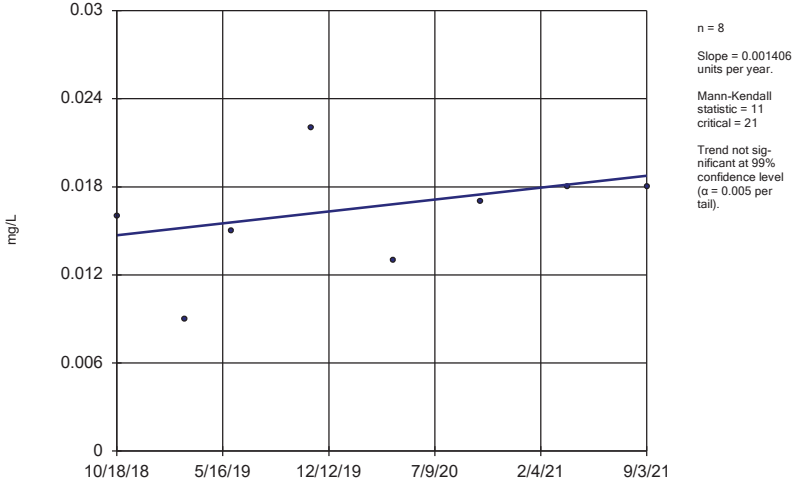
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

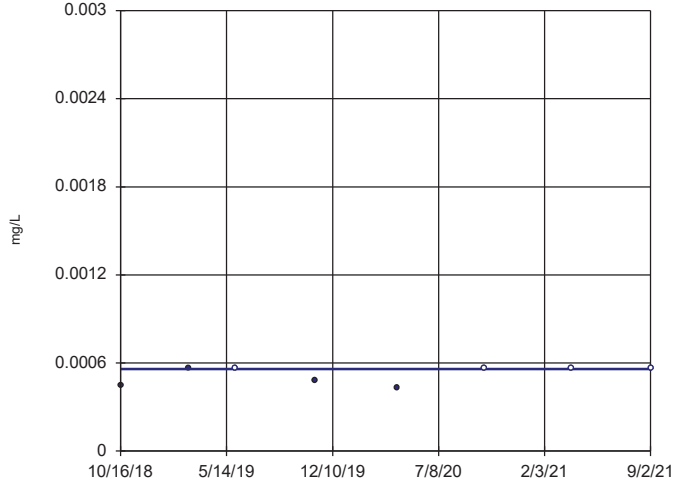
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

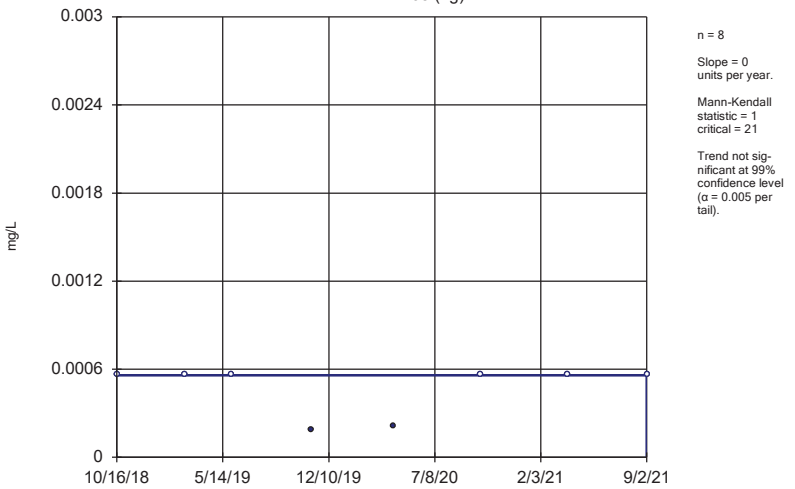
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

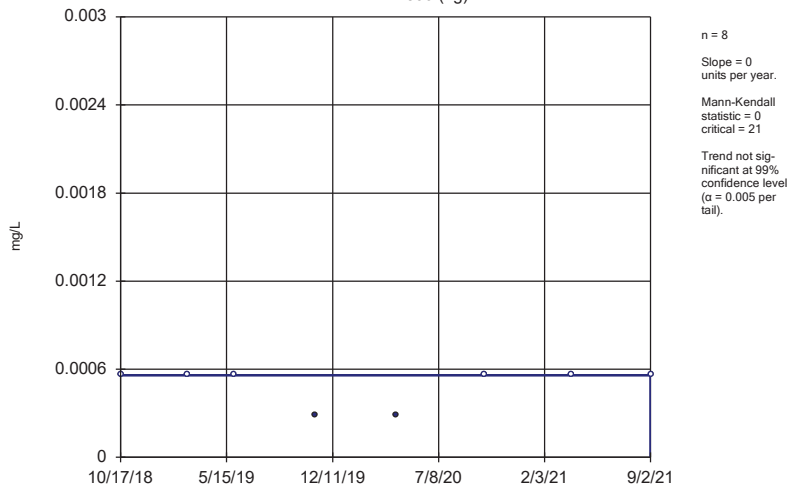
Trend not significant at 99% confidence level (α = 0.005 per tail).

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-306 (bg)



n = 8

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 21

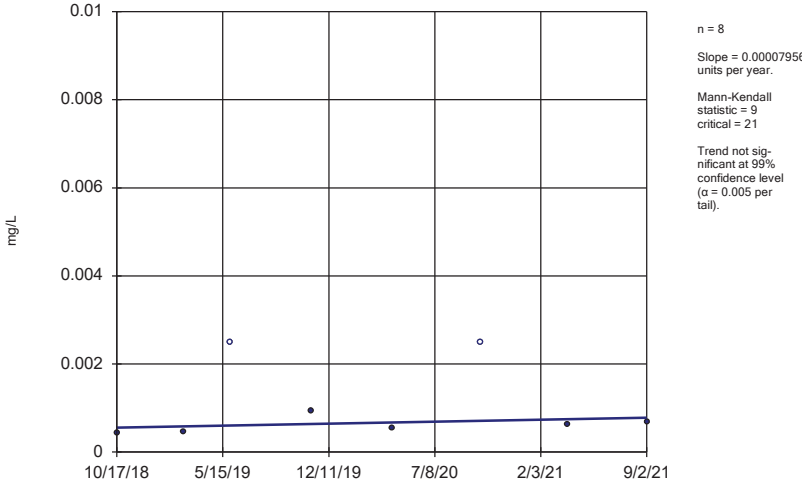
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Cobalt Analysis Run 12/21/2021 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

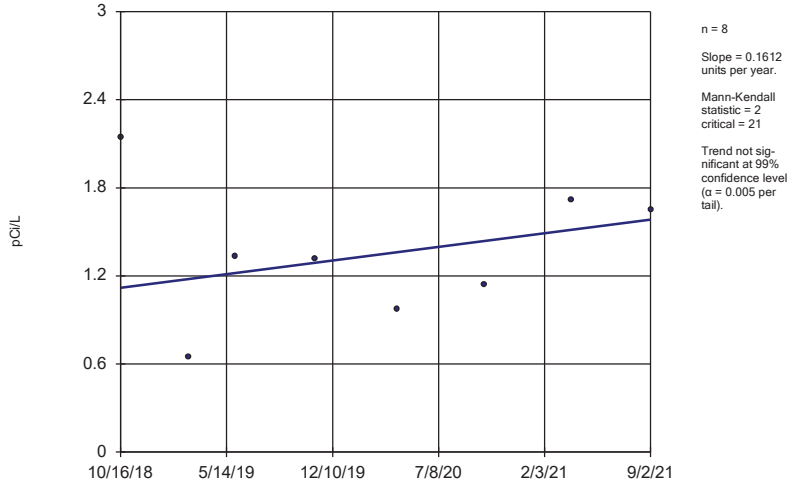
Trend not significant at 99% confidence level (α = 0.005 per tail).

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-100 (bg)



n = 8

Slope = 0.1612 units per year.

Mann-Kendall statistic = 2 critical = 21

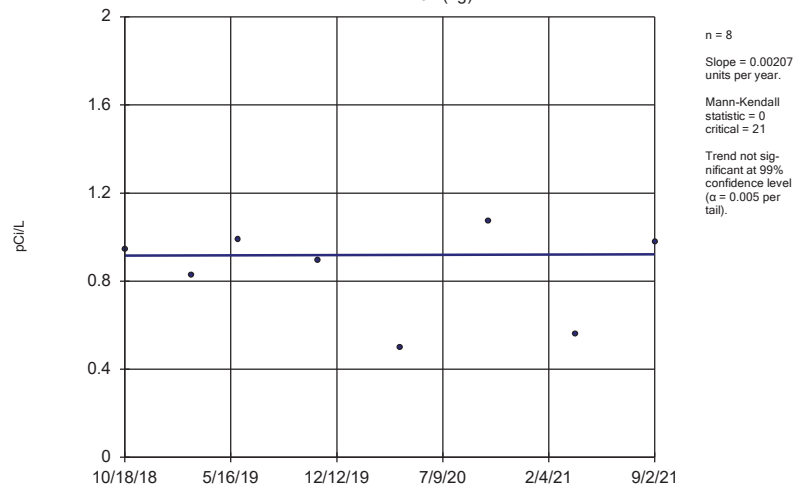
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 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).

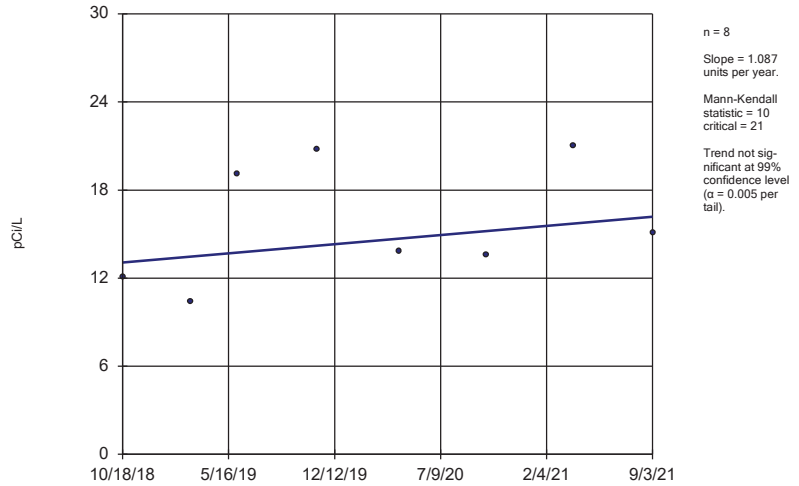
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

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).

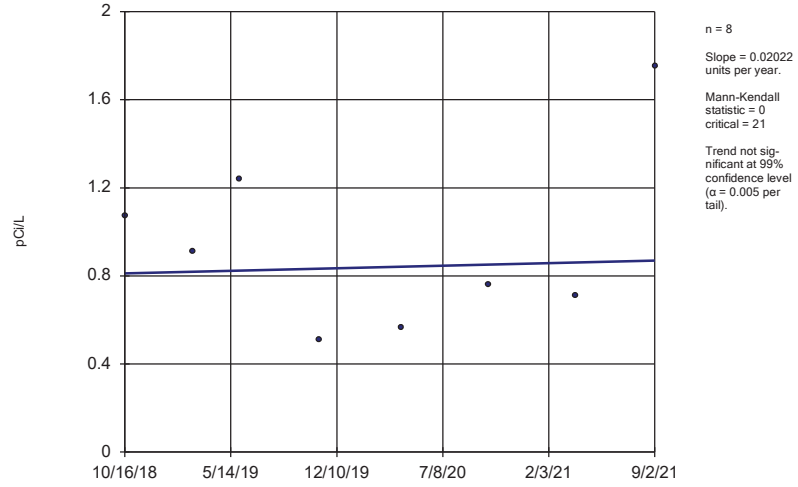
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

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).

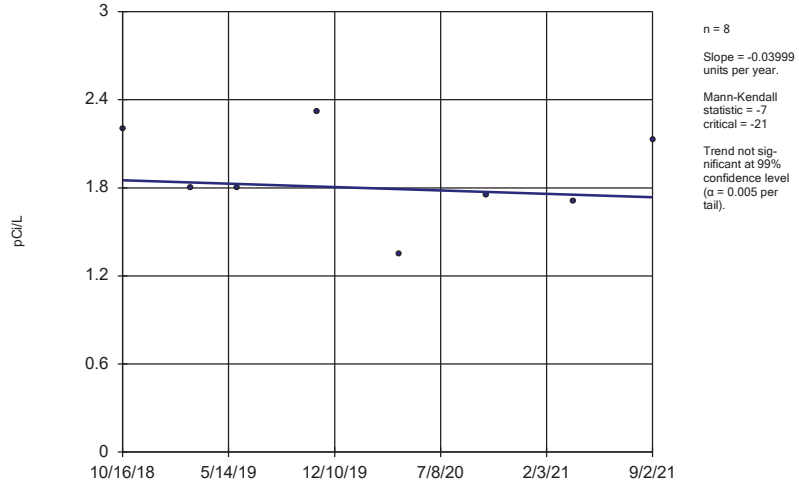
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

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).

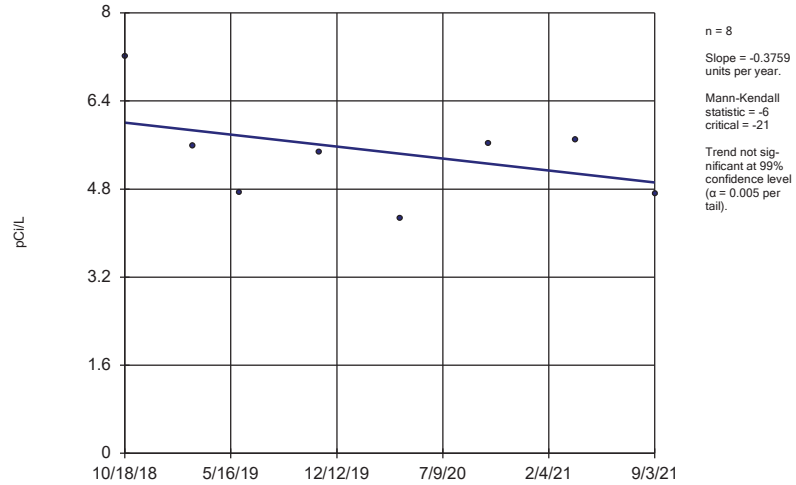
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

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).

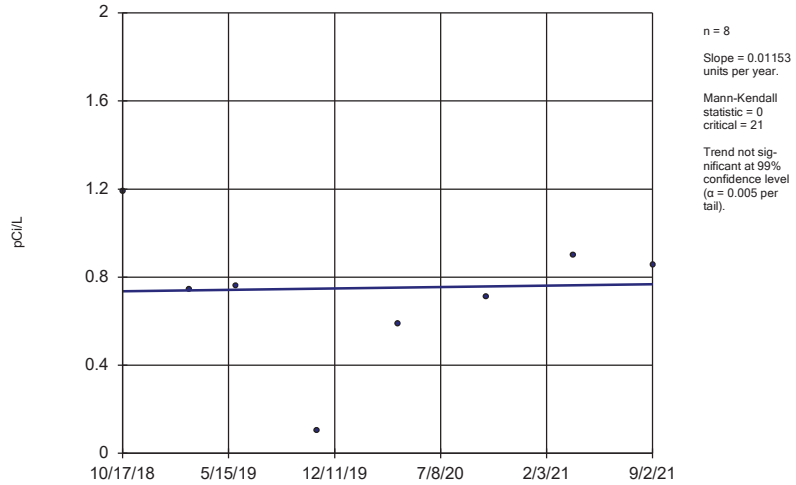
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

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).

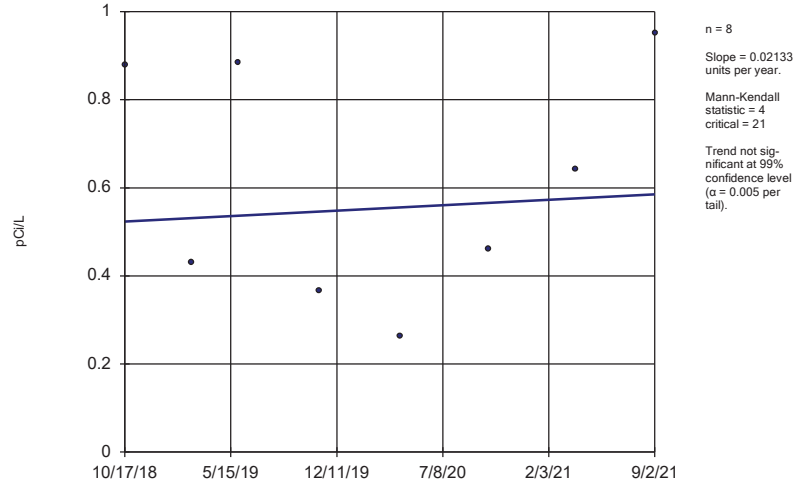
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidenc

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

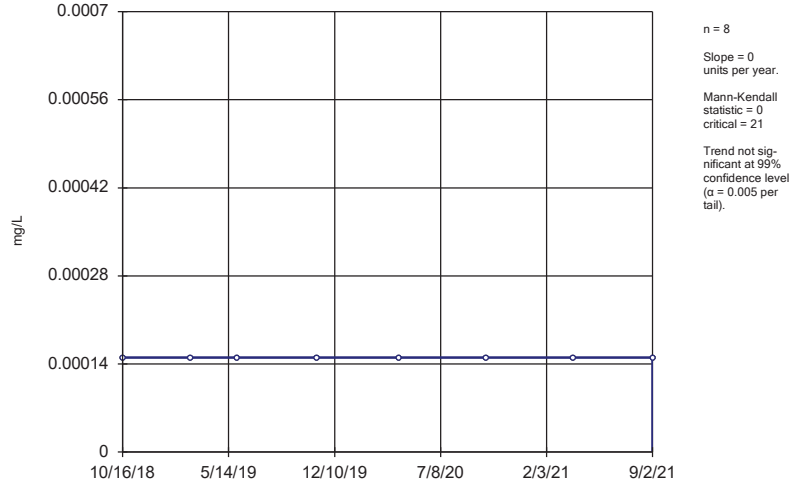
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

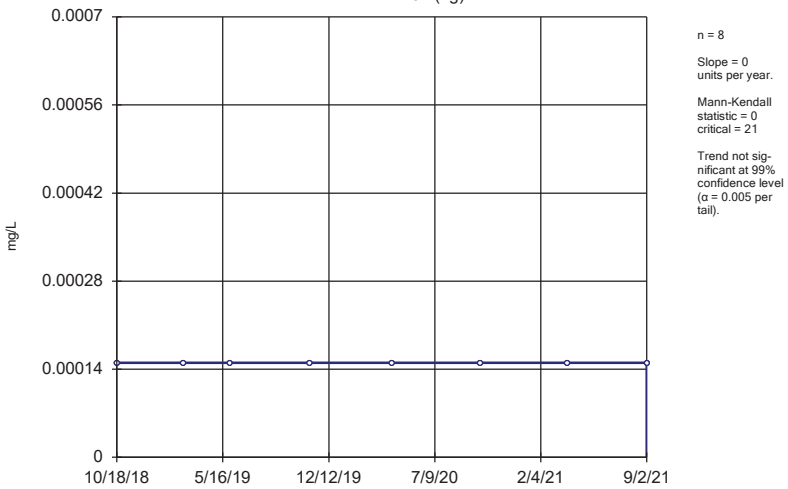
Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test

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

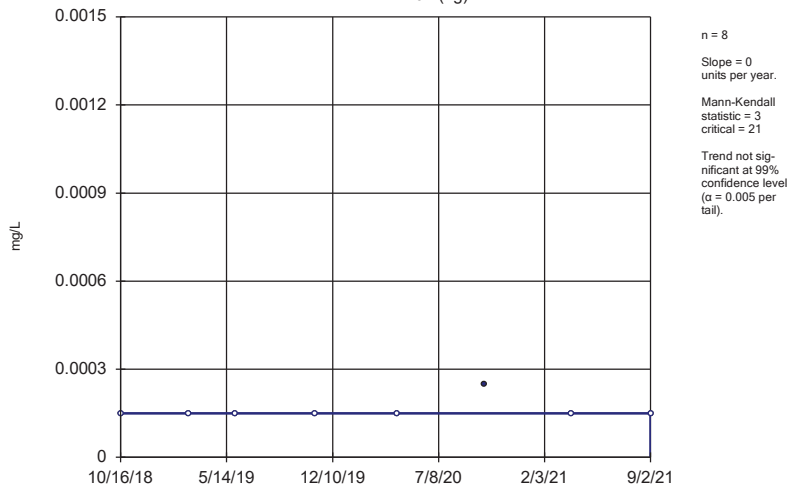
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

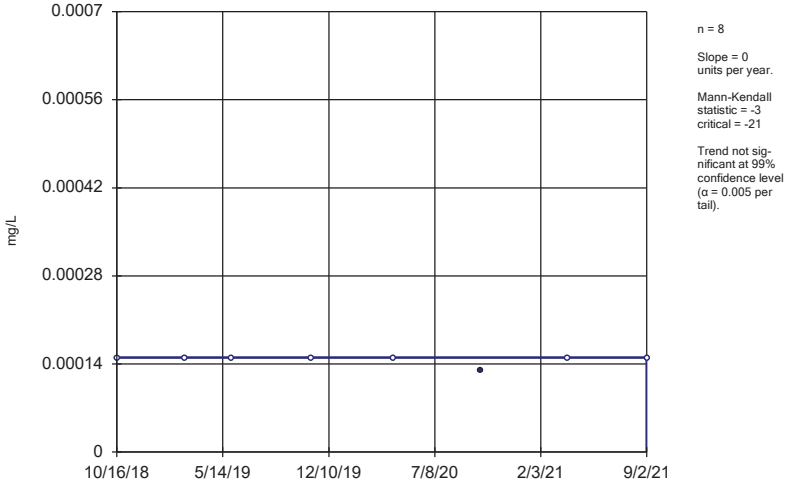
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

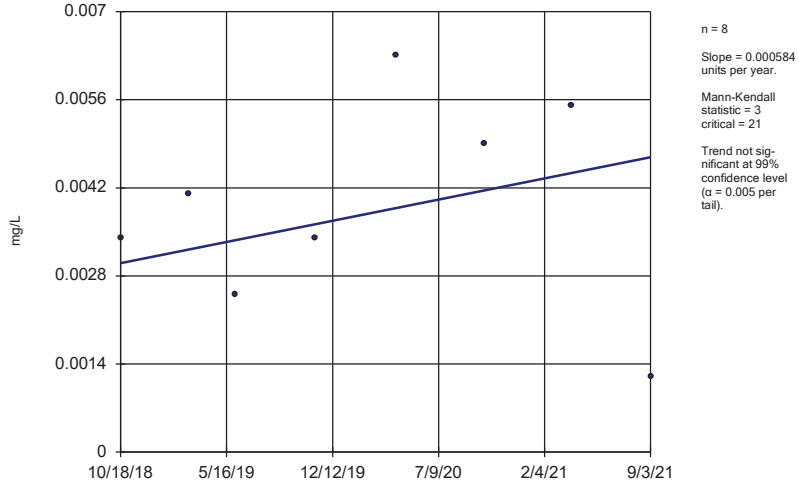
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

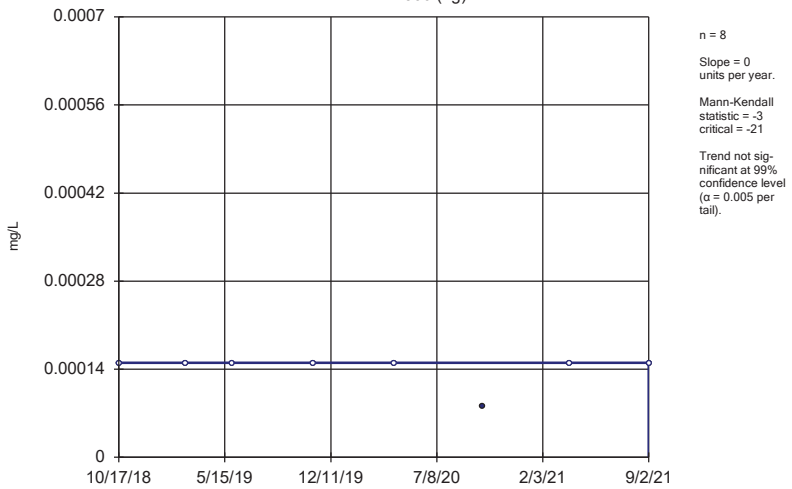
Trend not significant at 99% confidence level (α = 0.005 per tail).

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)

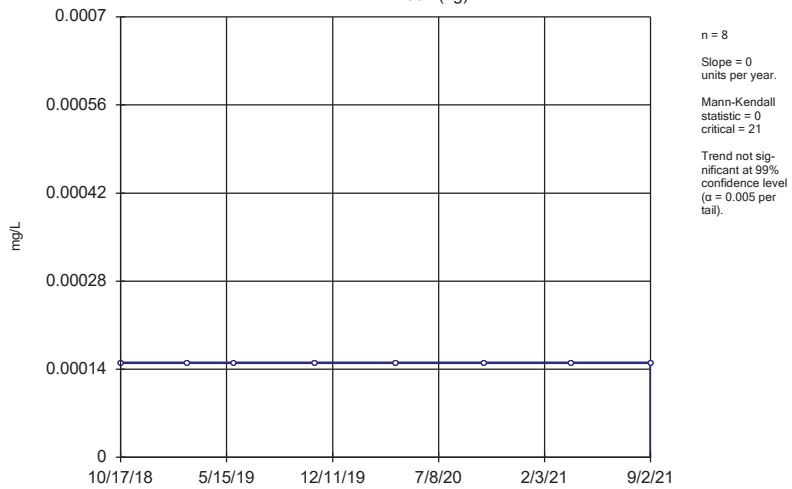


Constituent: Mercury Analysis Run 12/21/2021 4:35 AM View: 100 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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)

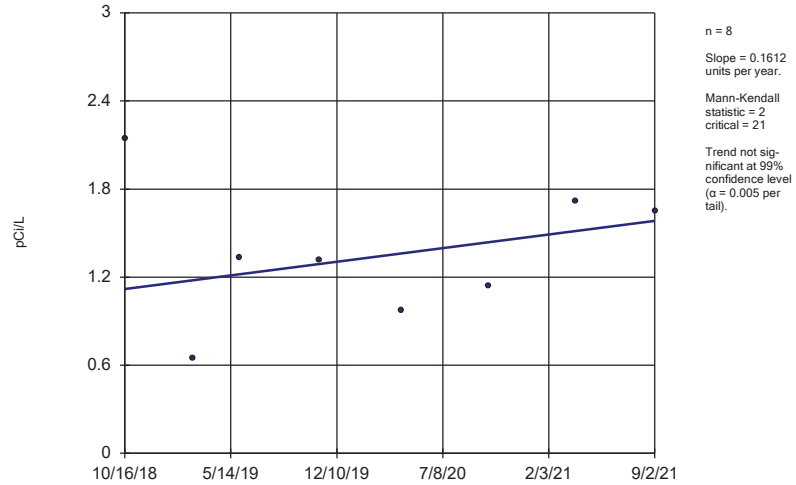
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 4:55 AM

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).

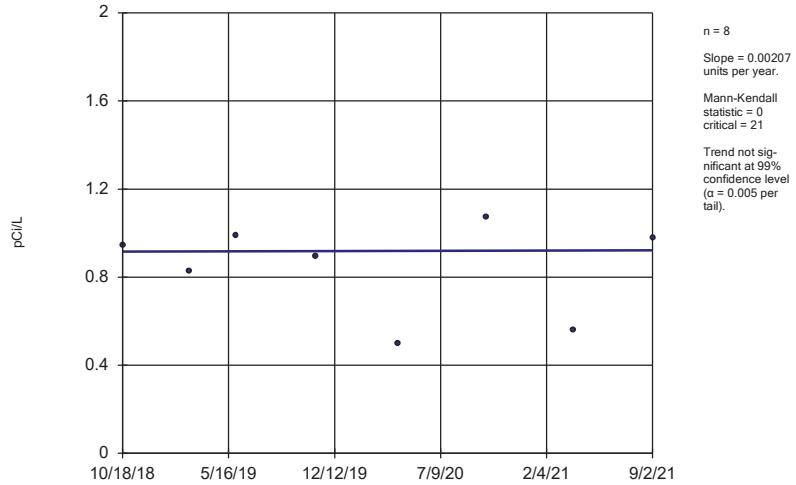
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

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).

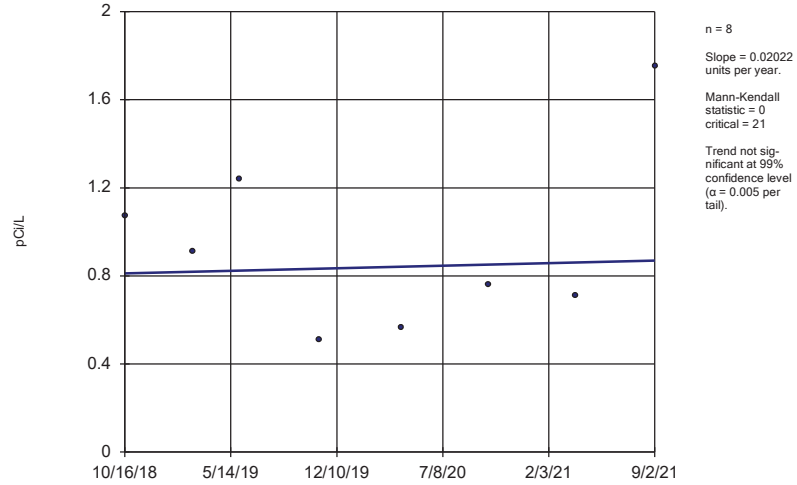
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

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).

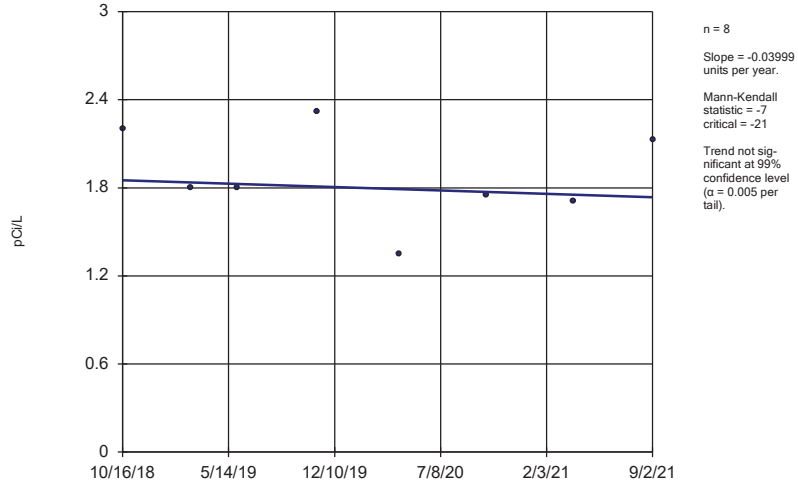
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

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).

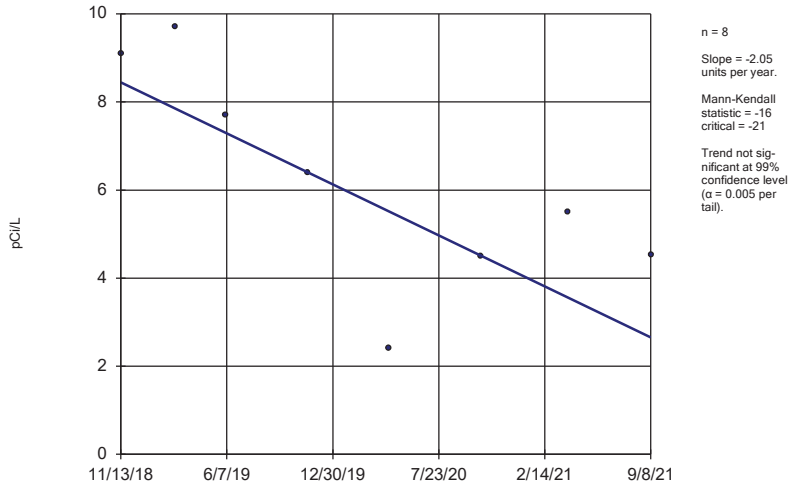
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

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).

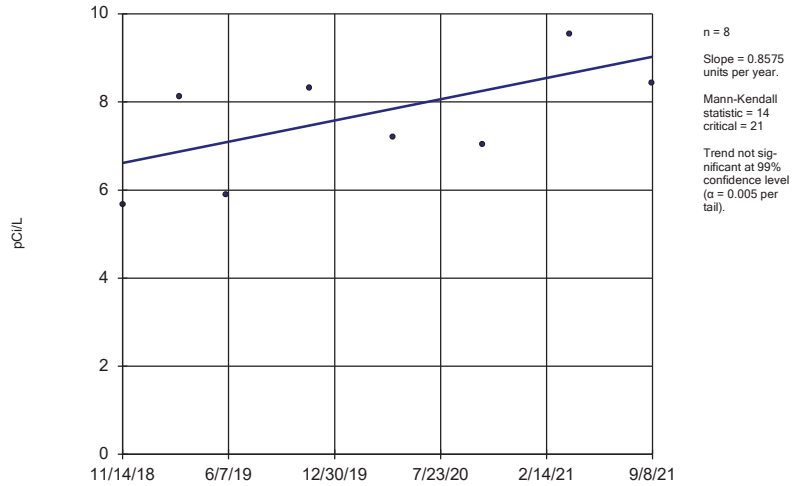
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

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).

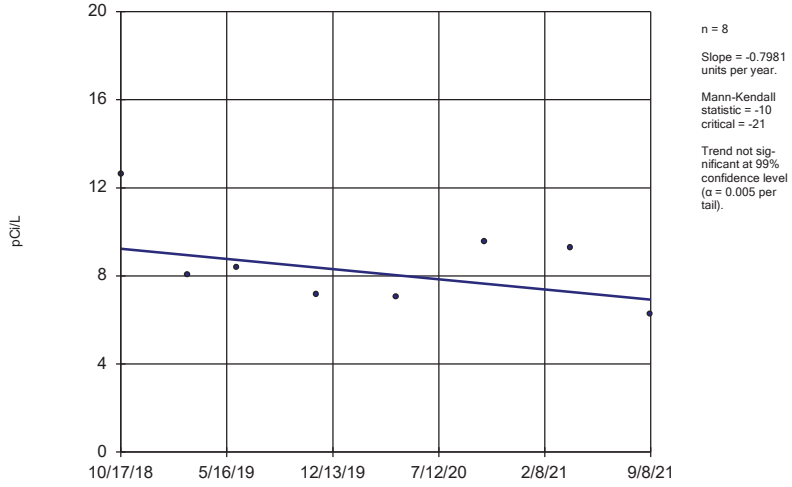
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

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).

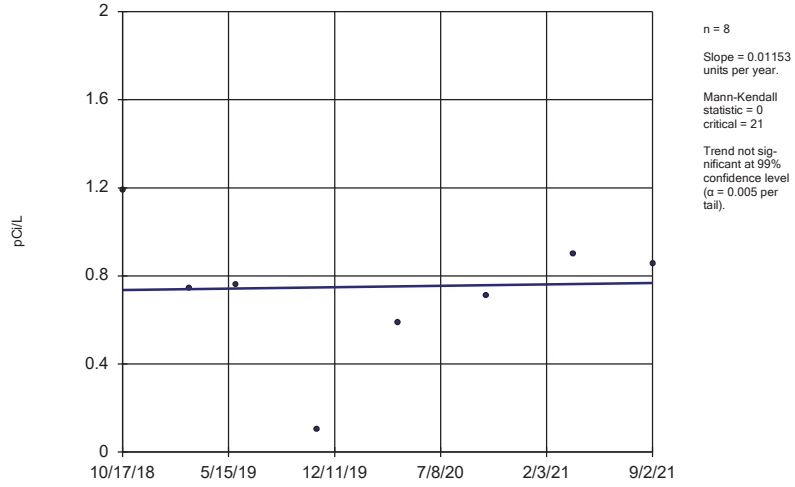
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 4:54 AM View: 200 Series Confidenc

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

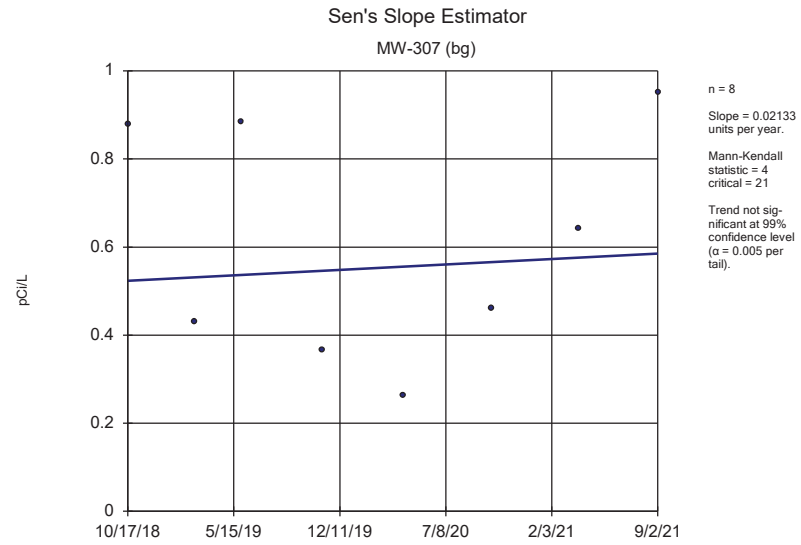
Slope = 0.01153 units per year.

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



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)

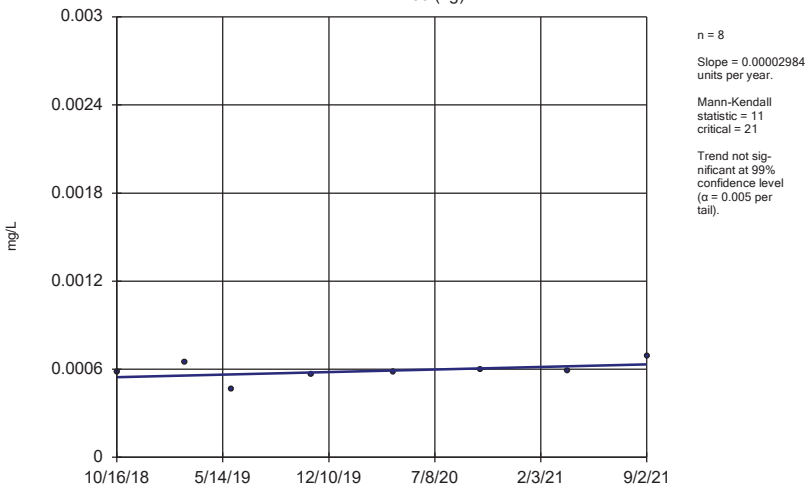
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant Printed 12/21/2021, 5:04 AM

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

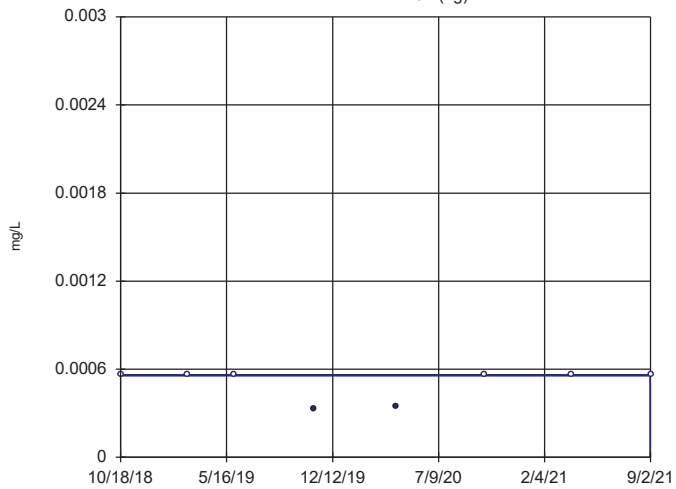
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

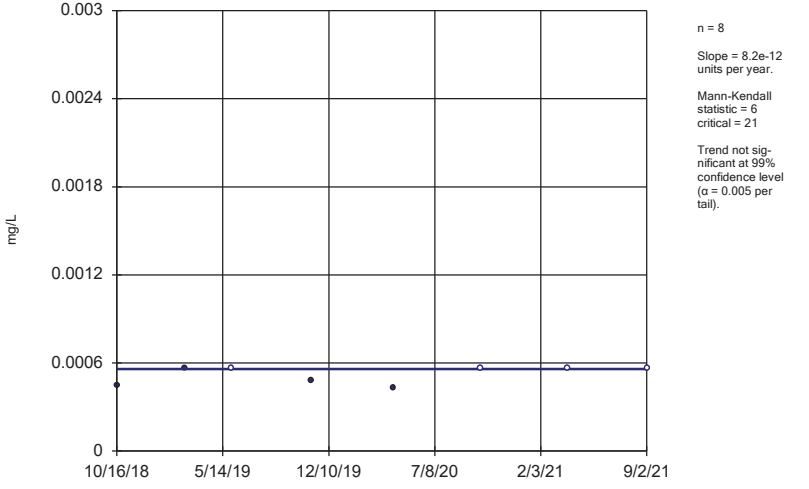
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

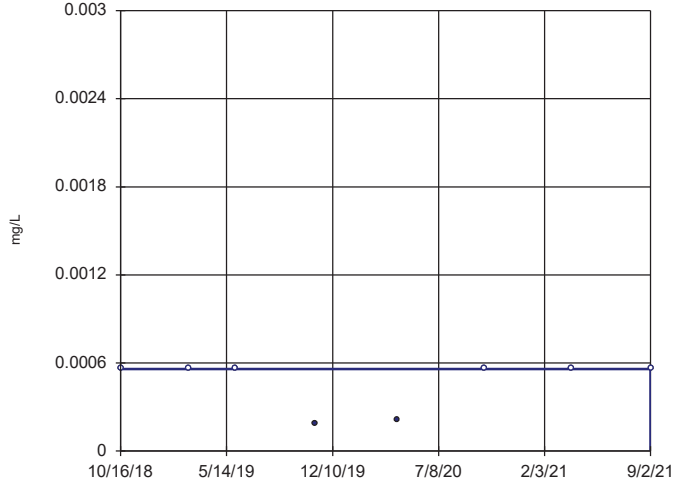
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

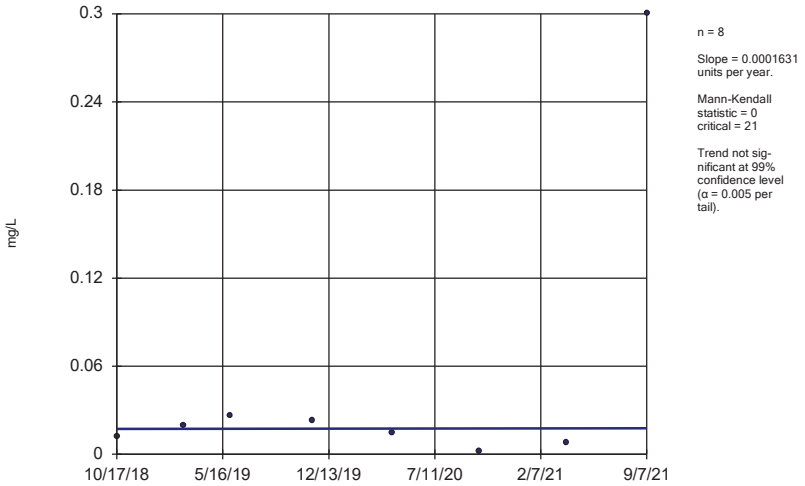
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

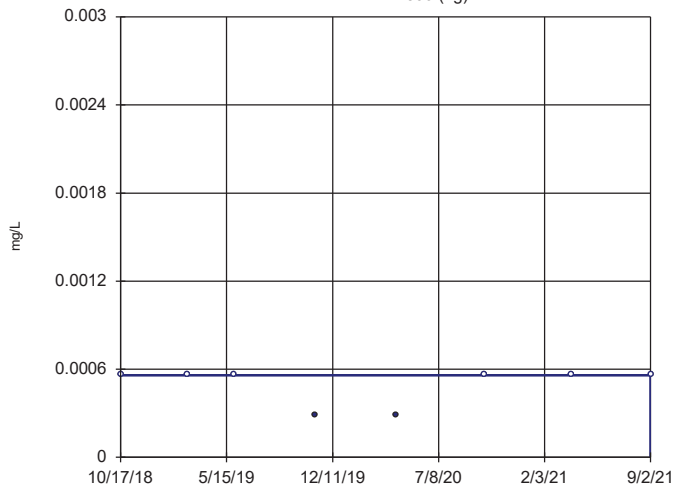
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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

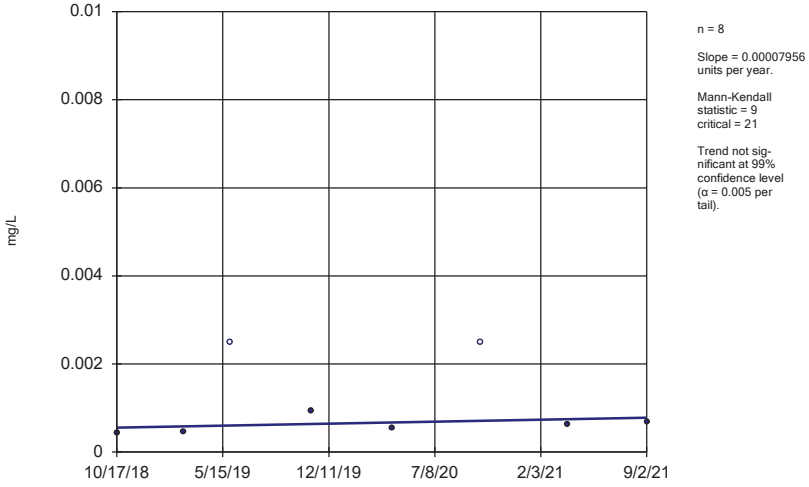
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

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).

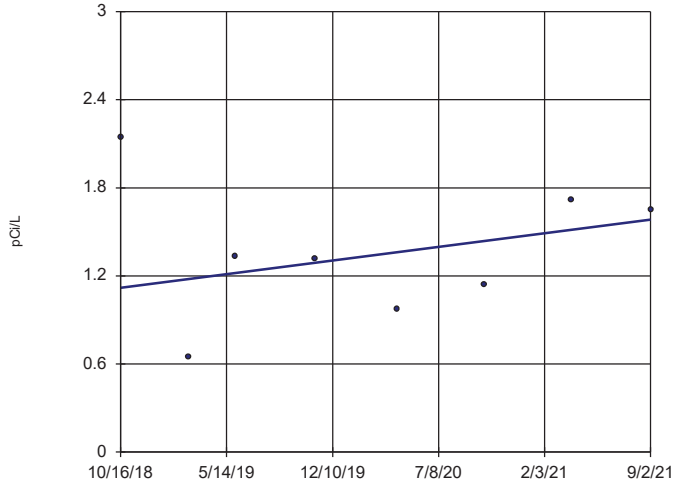
Constituent: Cobalt Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

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).

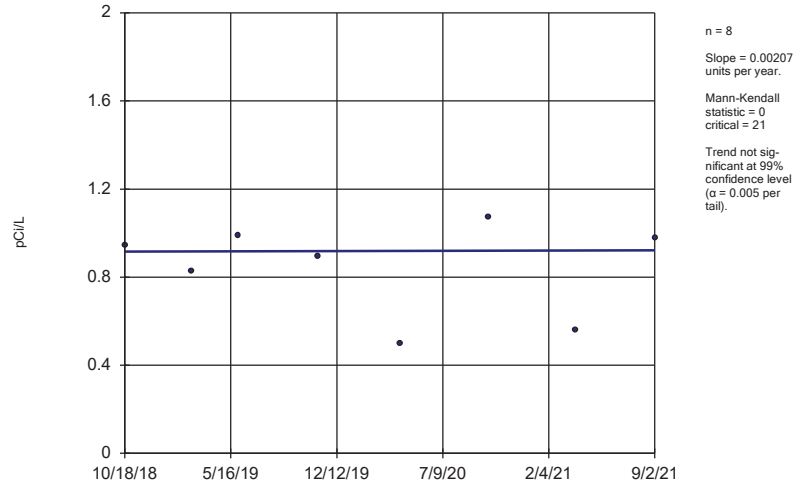
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

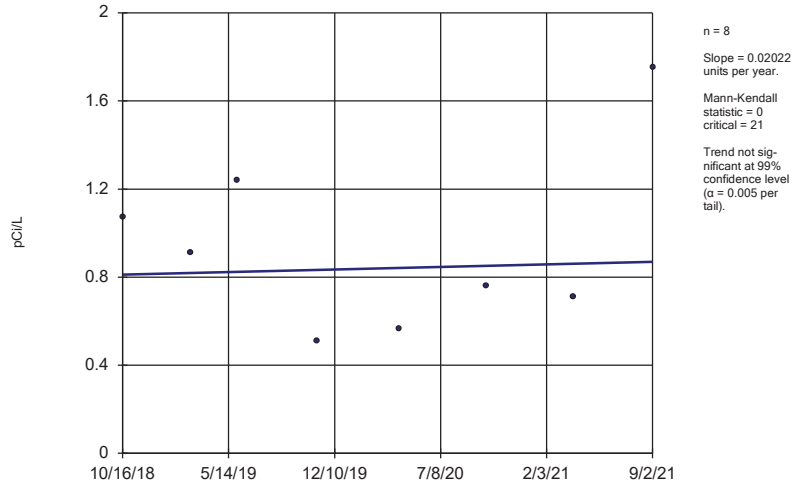
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

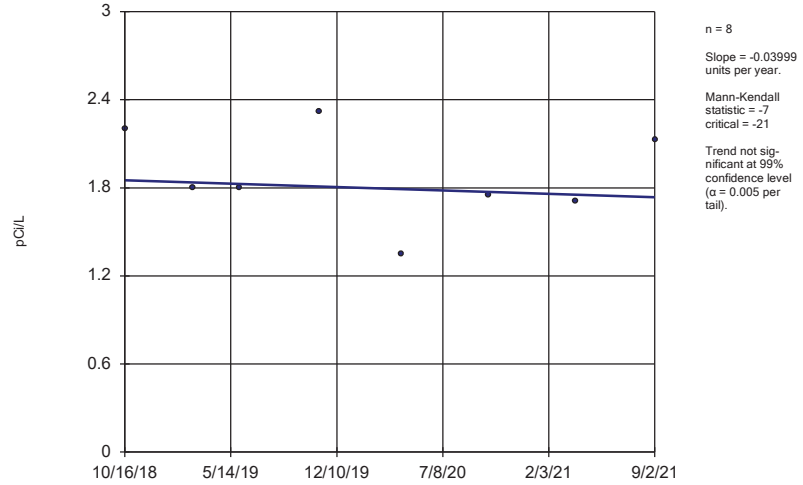
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

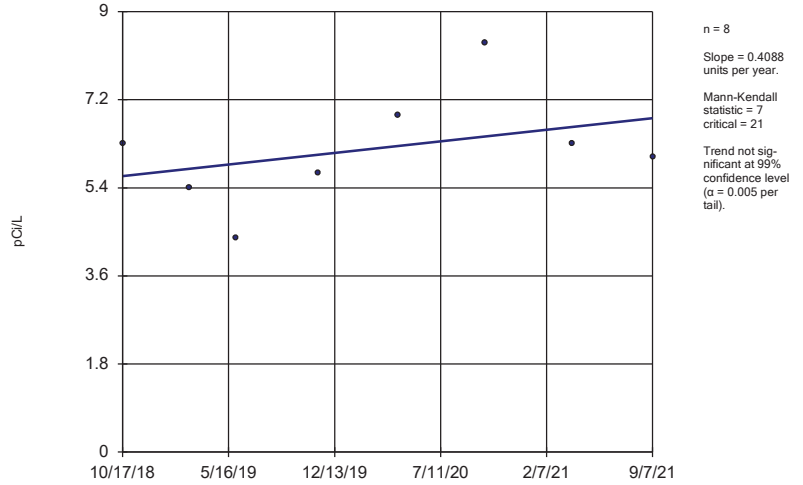
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

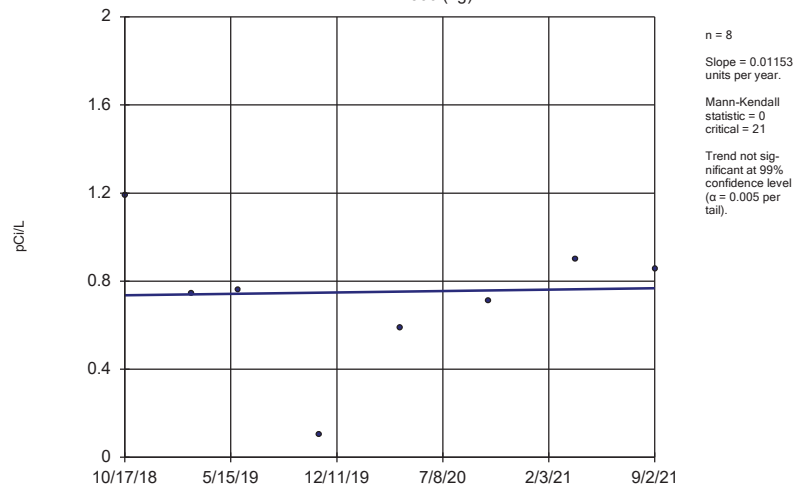
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

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)



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).

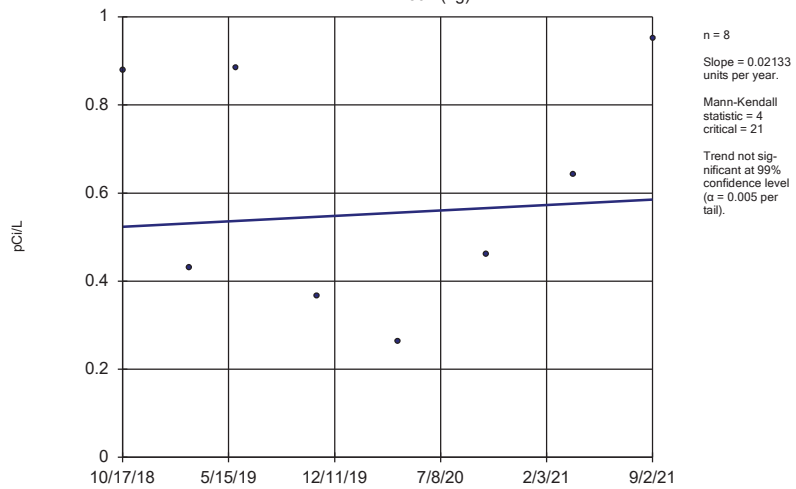
Constituent: Combined Radium 226 + 228 Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidenc

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)



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 5:03 AM View: 300 Series Confidenc

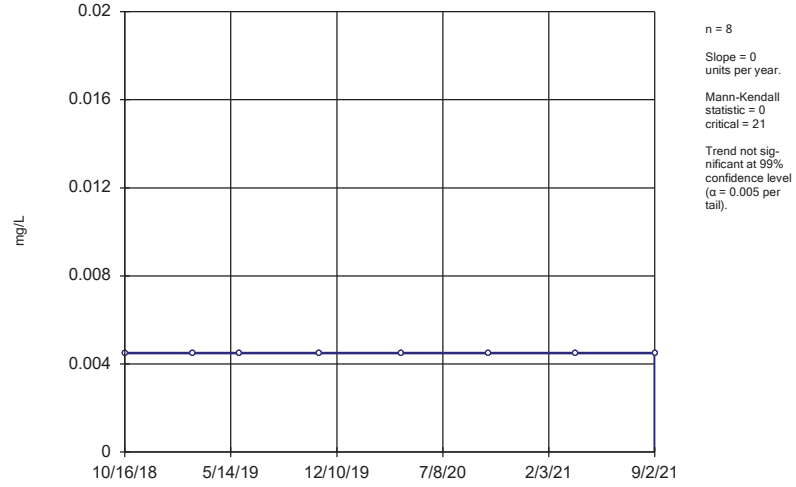
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



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).

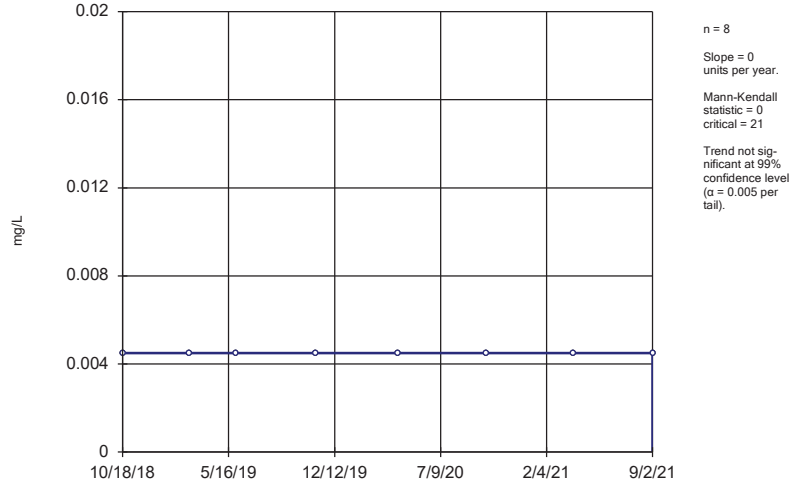
Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

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-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).

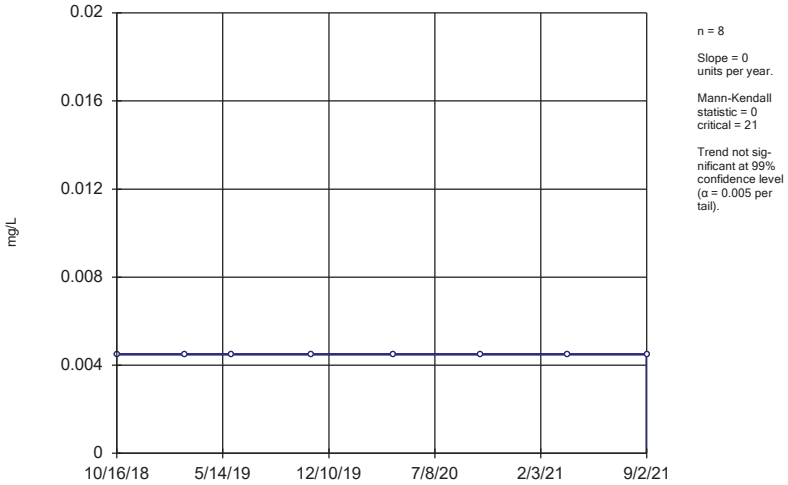
Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test

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

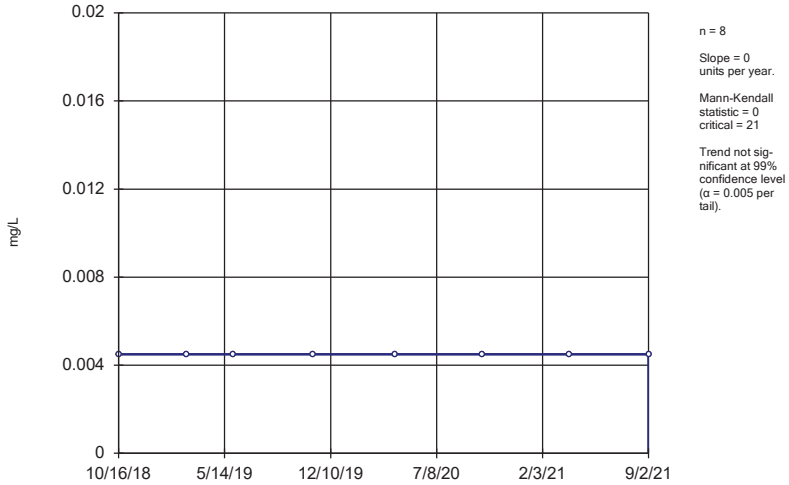
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

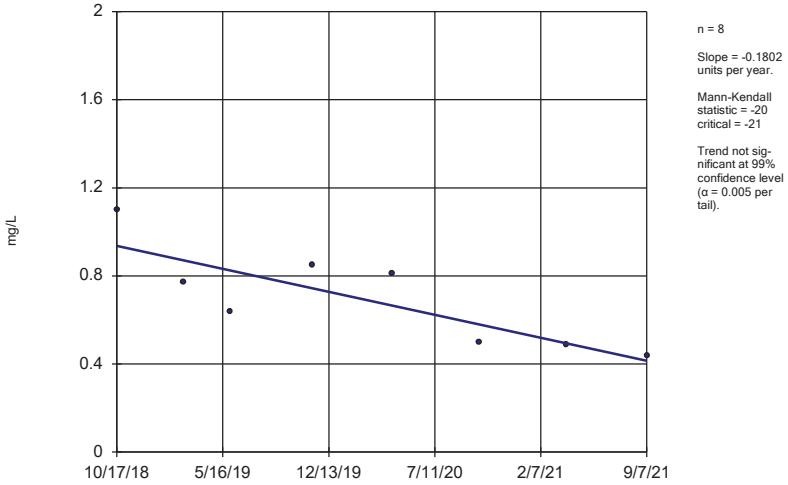
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

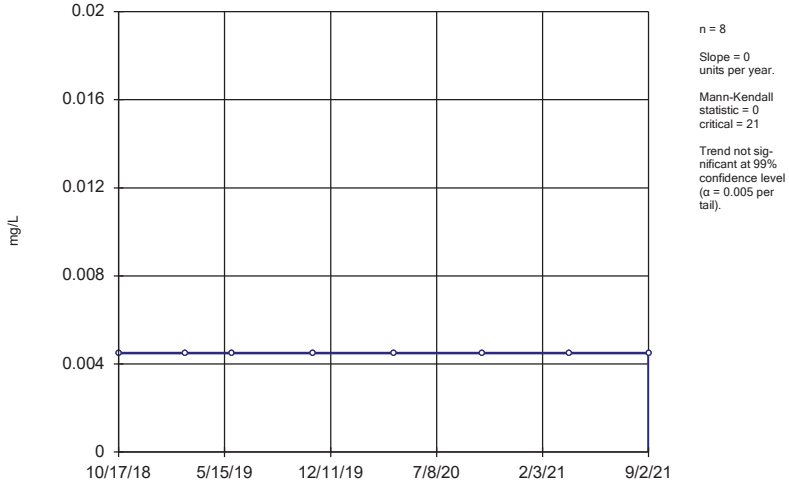
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

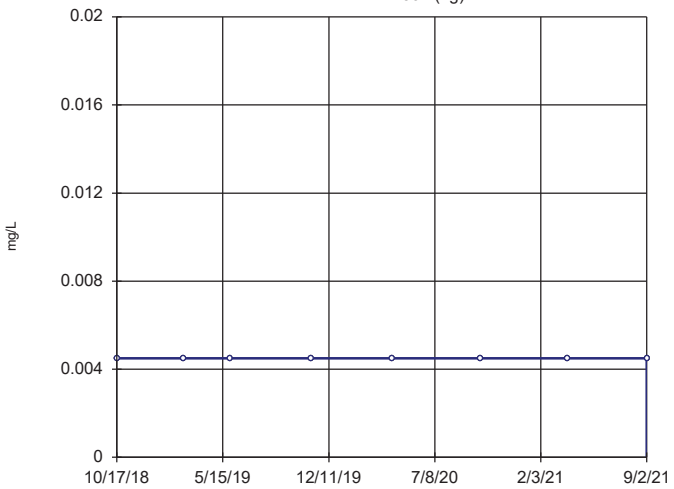
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

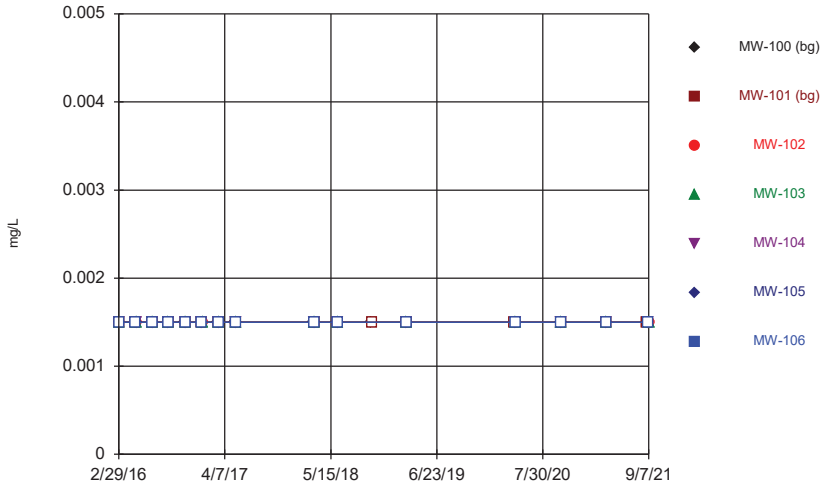
Constituent: Molybdenum Analysis Run 12/21/2021 5:03 AM View: 300 Series Confidence Trend Test
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.

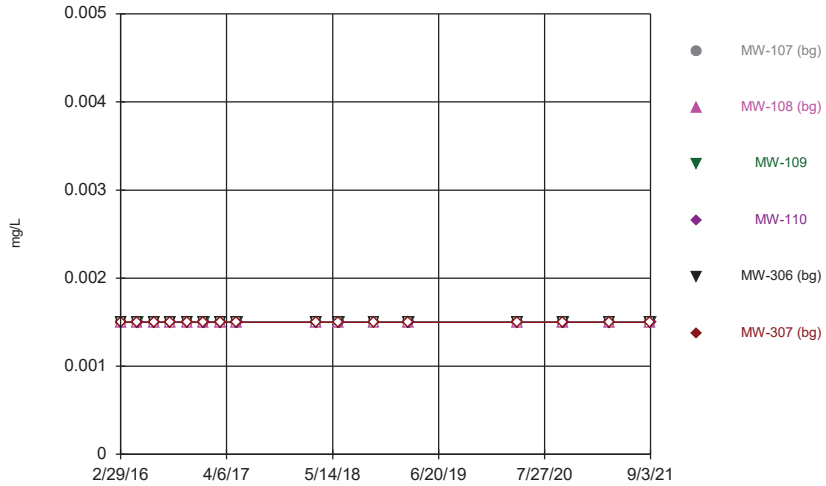
Time Series



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.

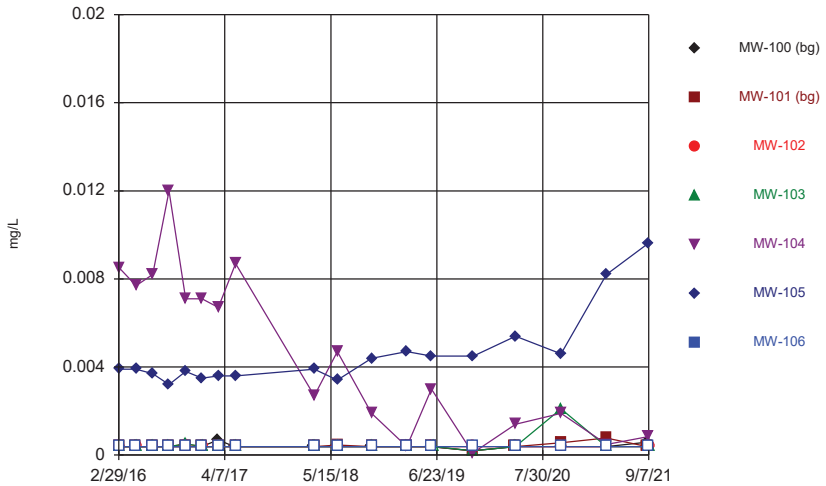
Time Series



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.

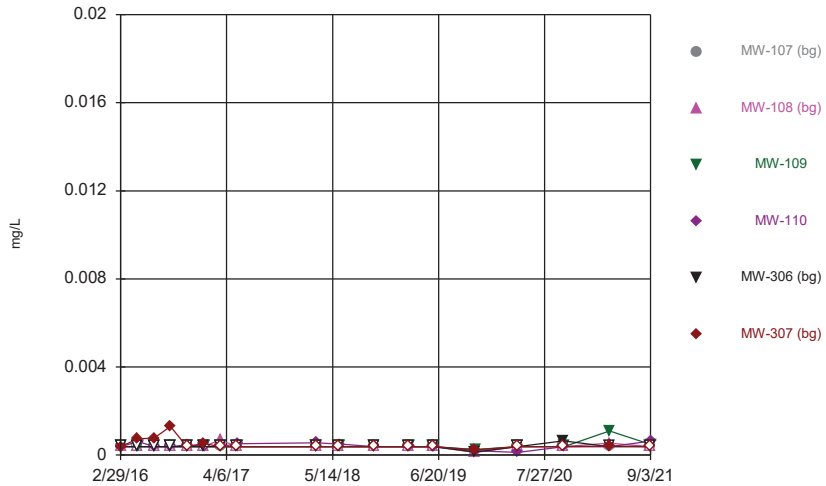
Time Series



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.

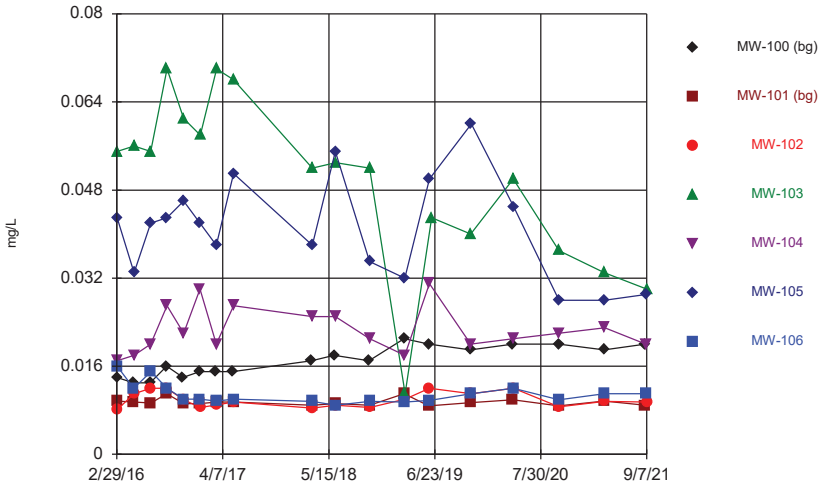
Time Series



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

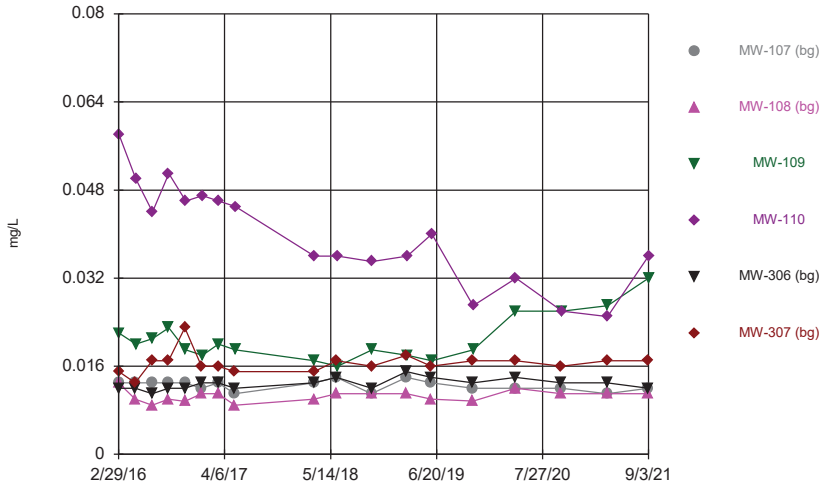
Time Series



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

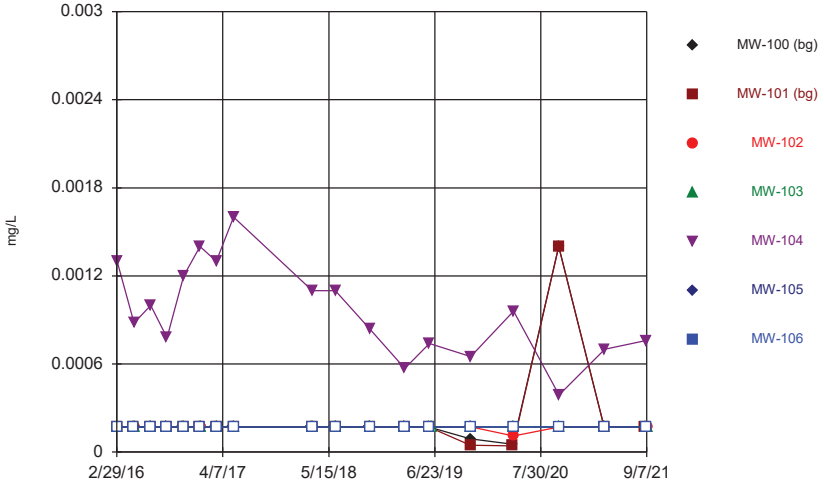
Time Series



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.

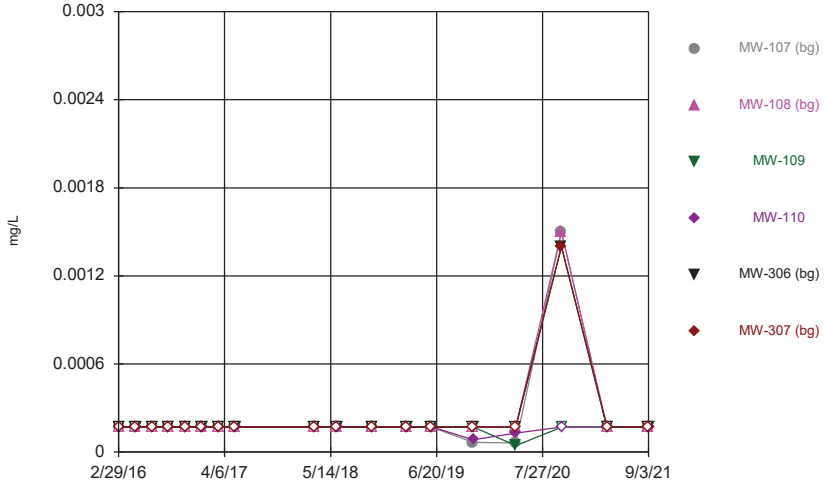
Time Series



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.

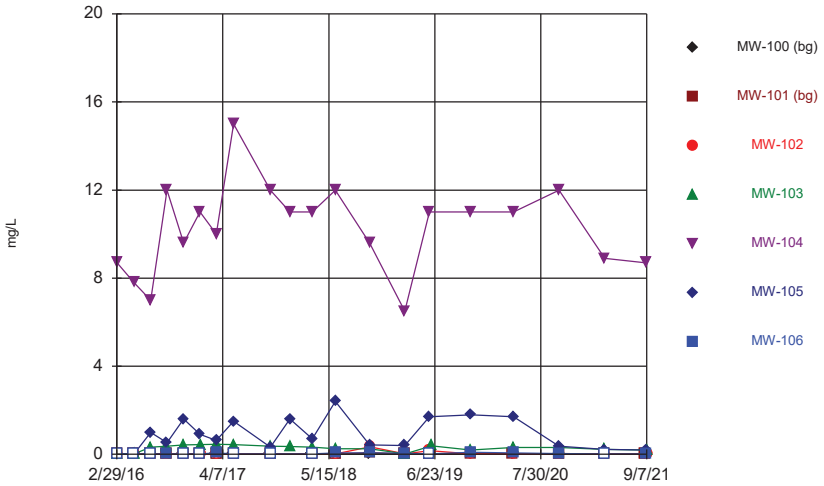
Time Series



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.

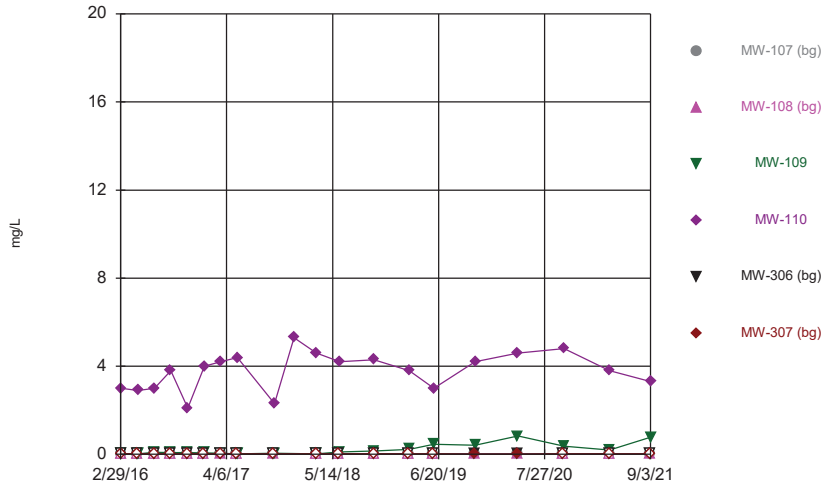
Time Series



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.

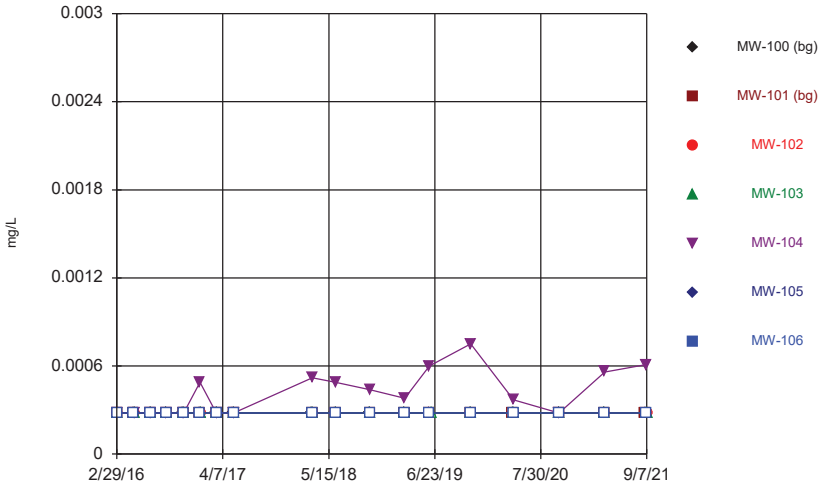
Time Series



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.

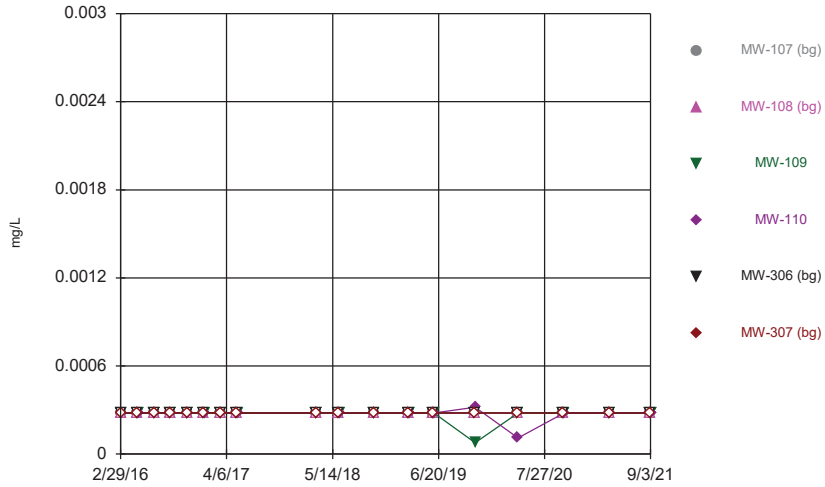
Time Series



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.

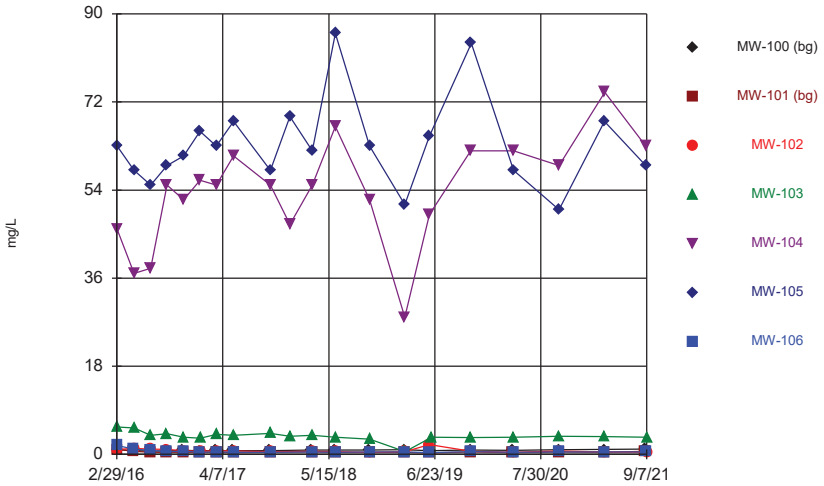
Time Series



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

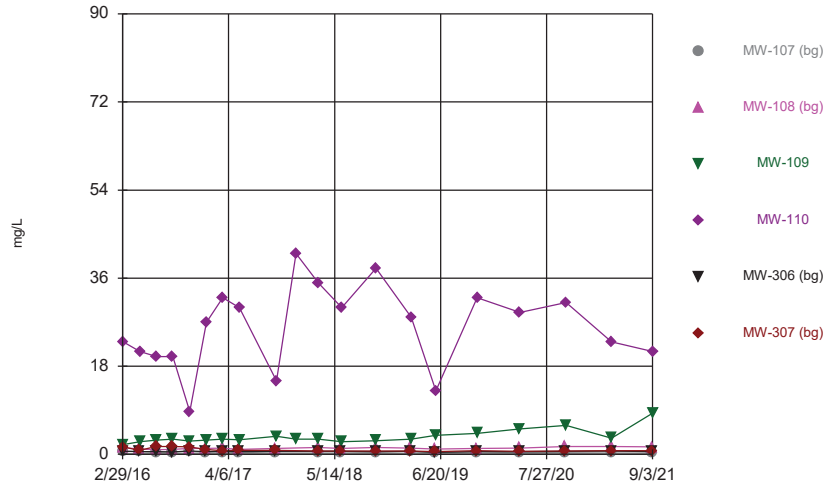
Time Series



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

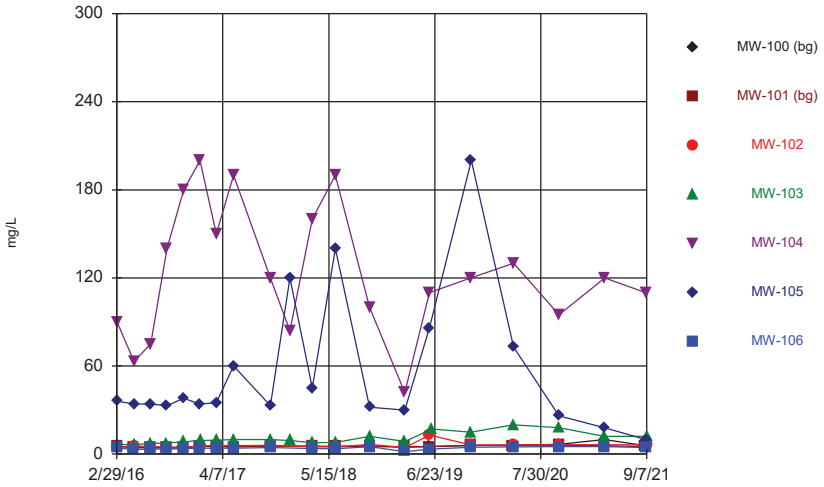
Time Series



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

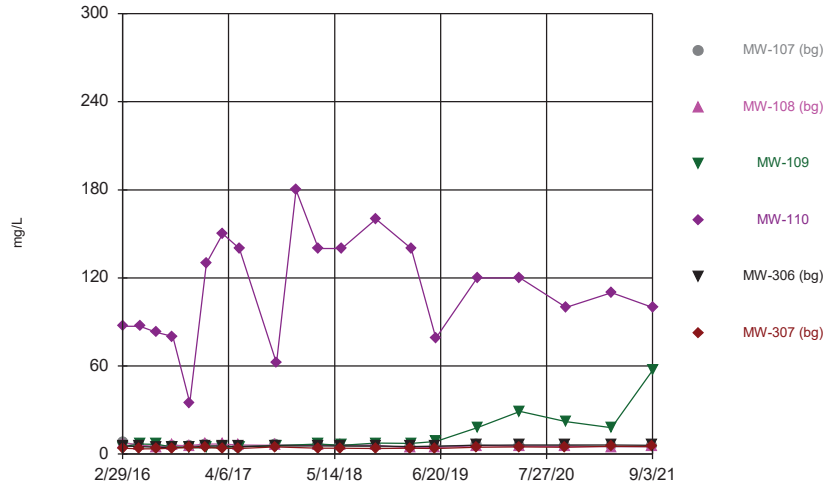
Time Series



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

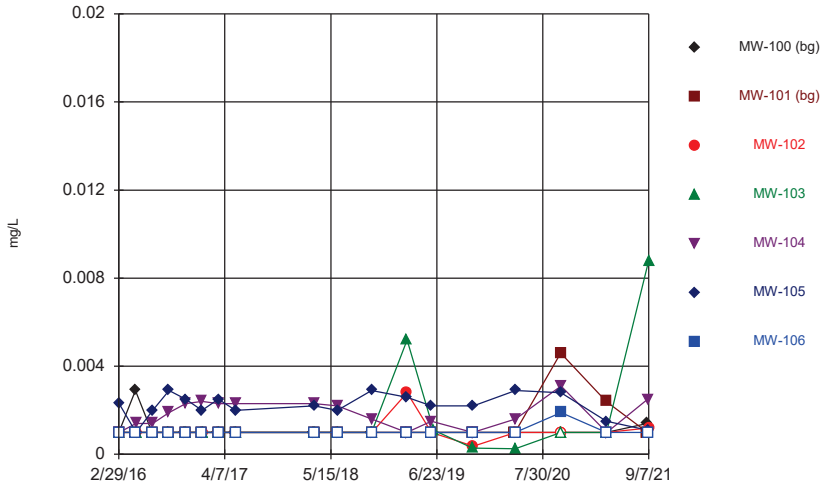
Time Series



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.

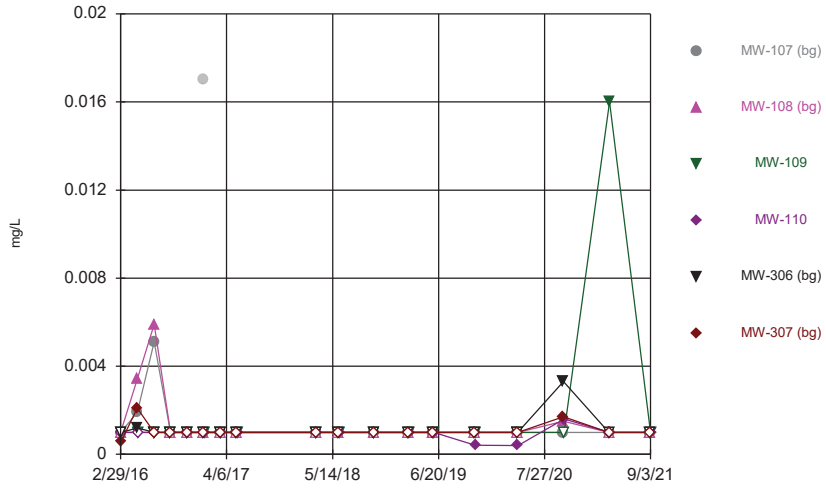
Time Series



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.

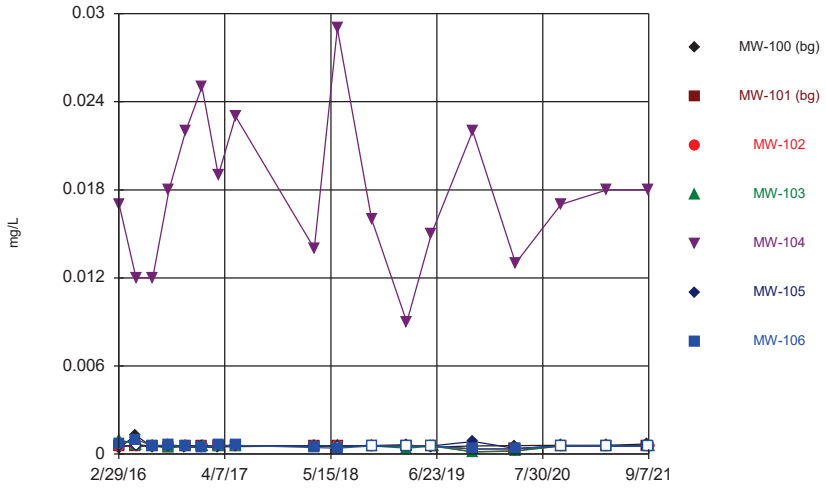
Time Series



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.

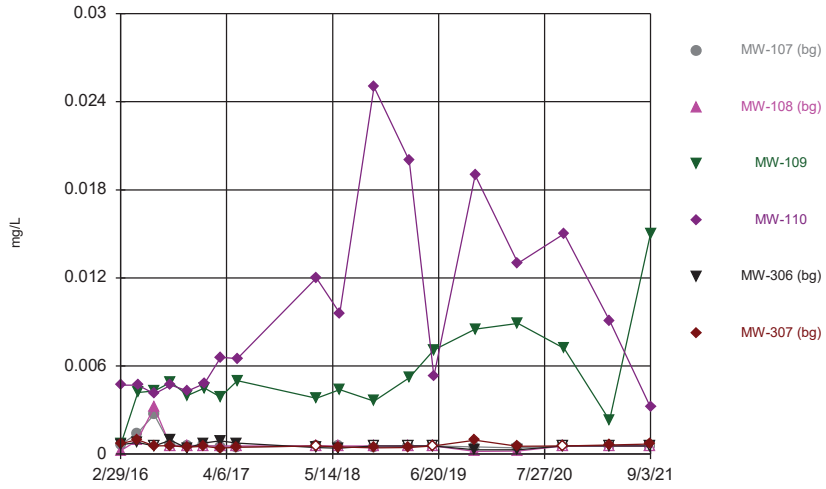
Time Series



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.

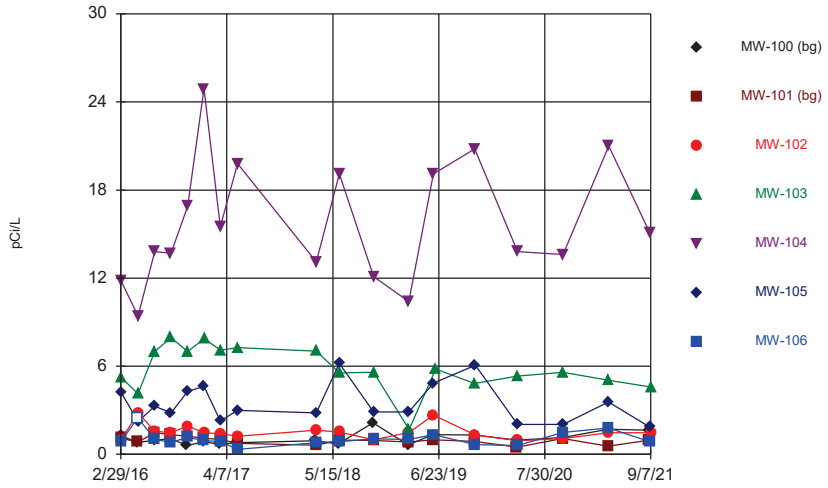
Time Series



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.

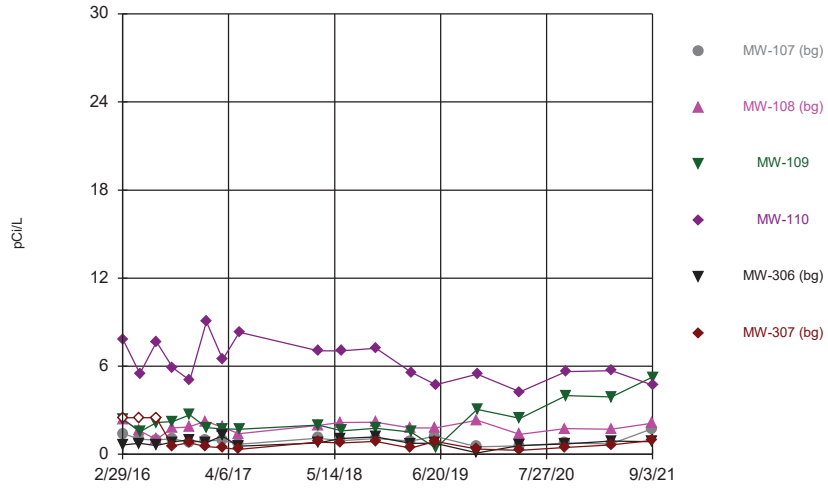
Time Series



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.

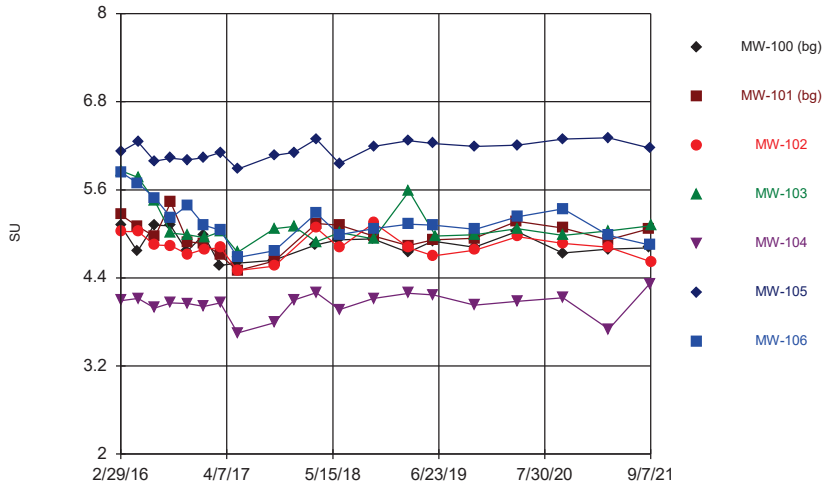
Time Series



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

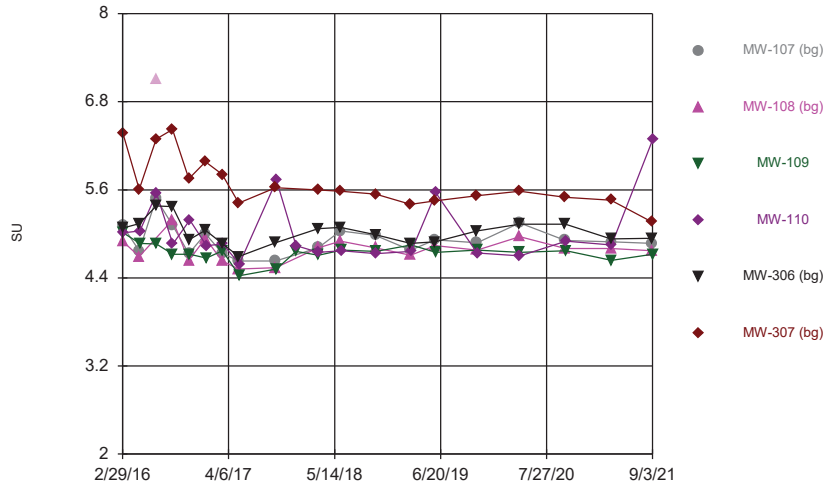
Time Series



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

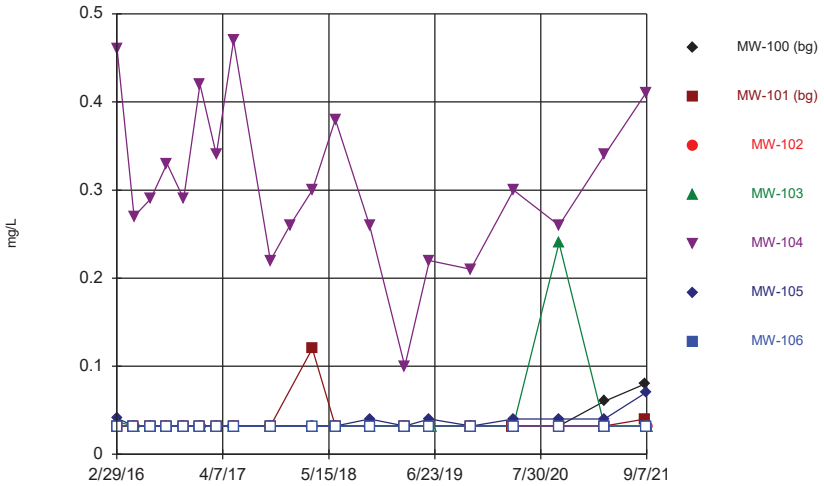
Time Series



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.

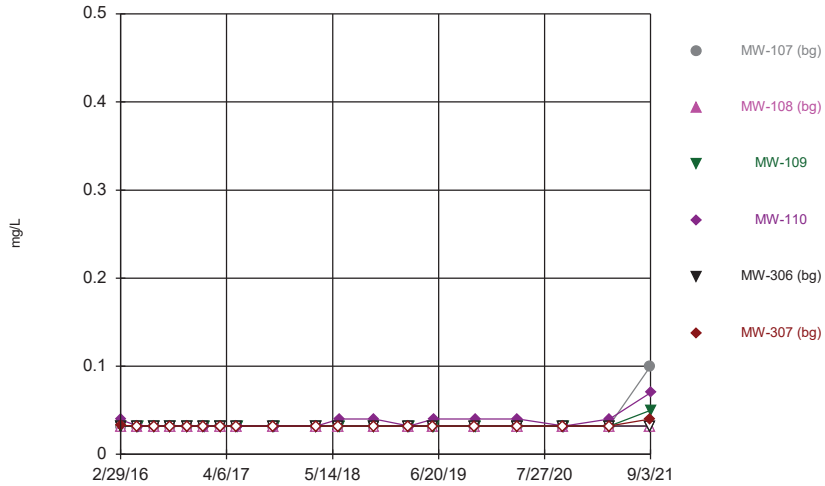
Time Series



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.

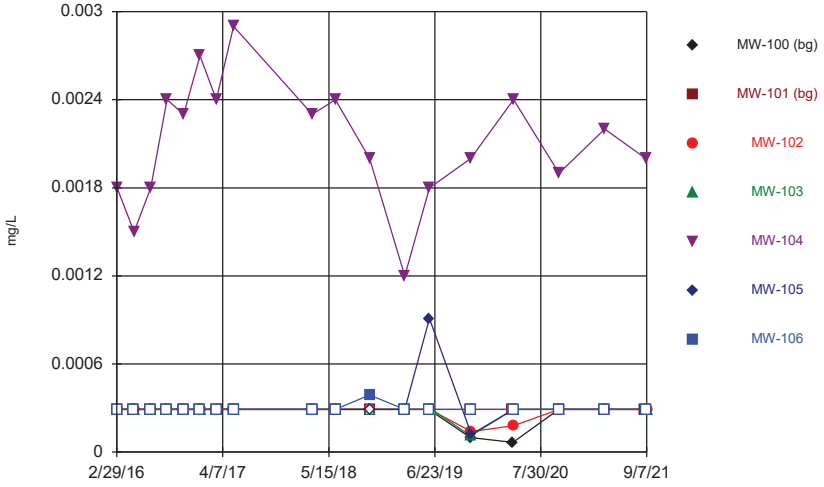
Time Series



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.

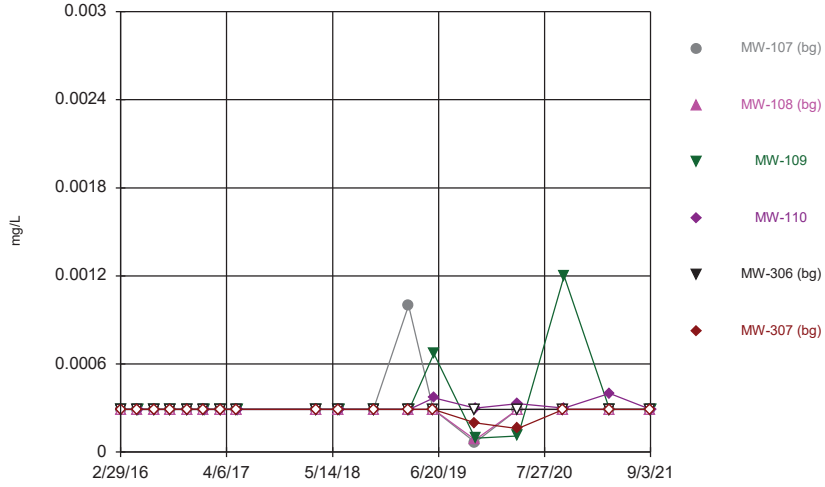
Time Series



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.

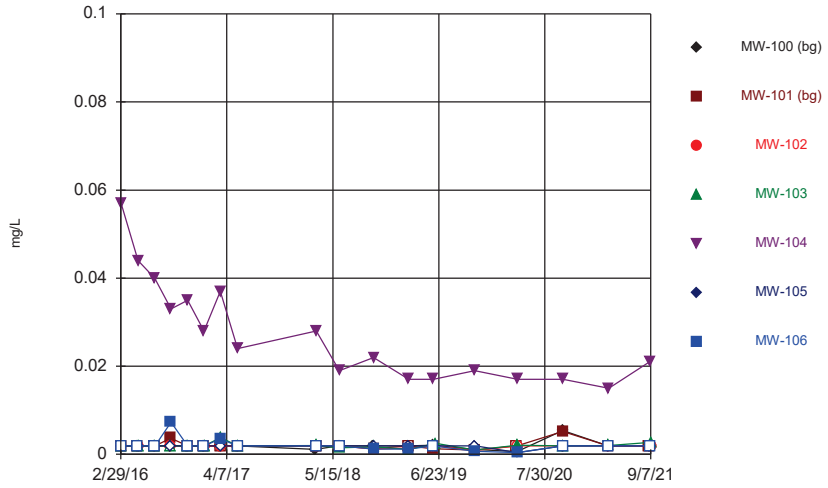
Time Series



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.

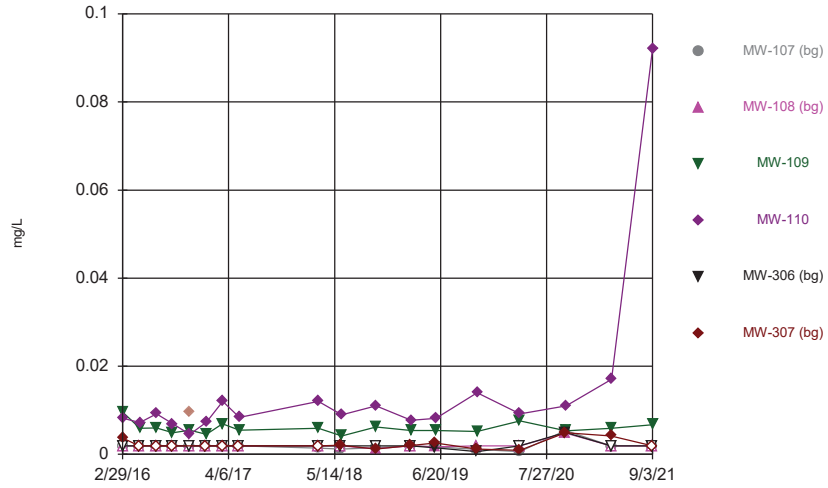
Time Series



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.

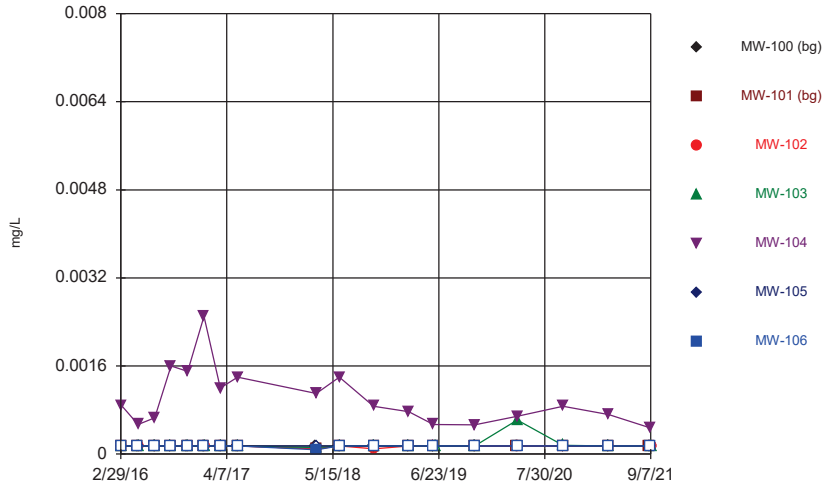
Time Series



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.

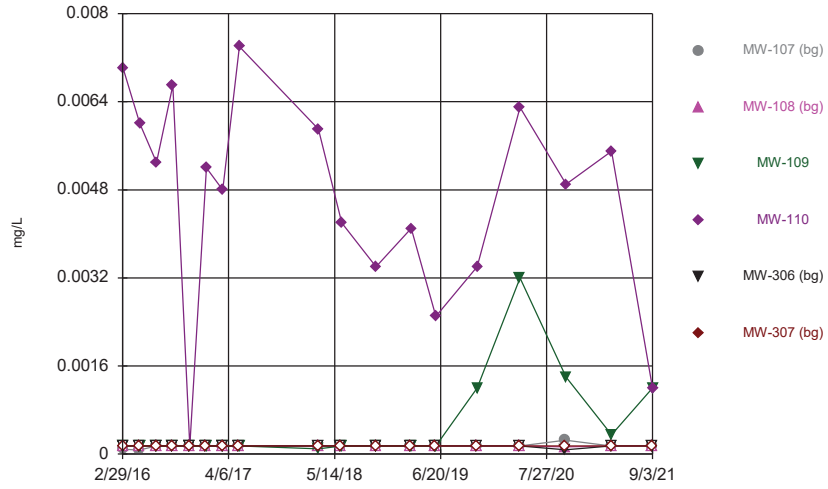
Time Series



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.

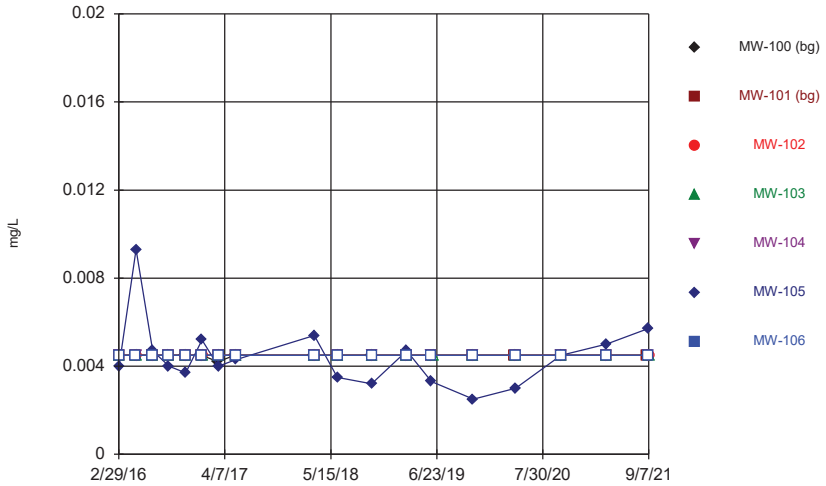
Time Series



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.

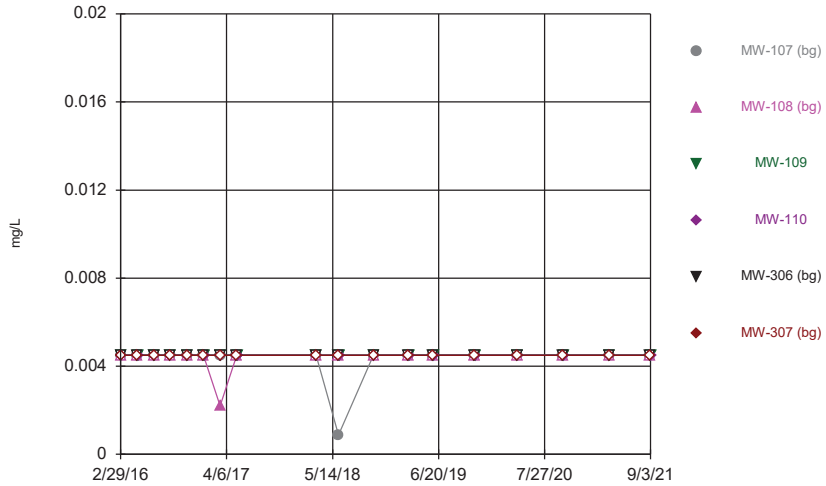
Time Series



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.

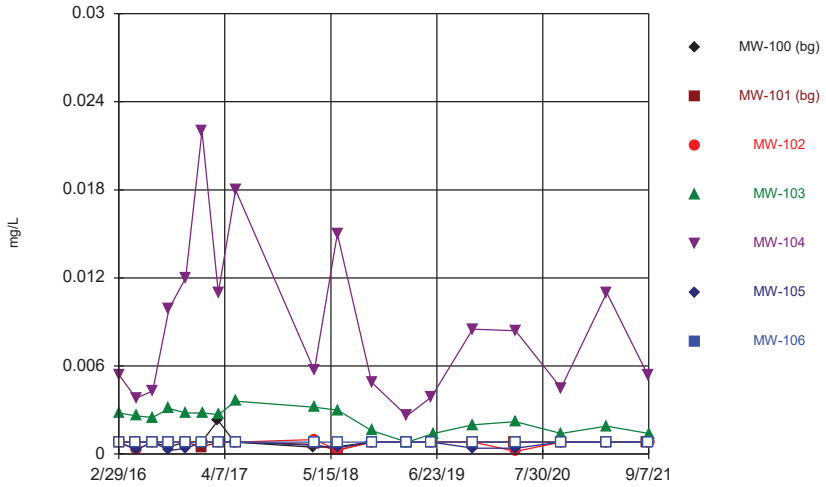
Time Series



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.

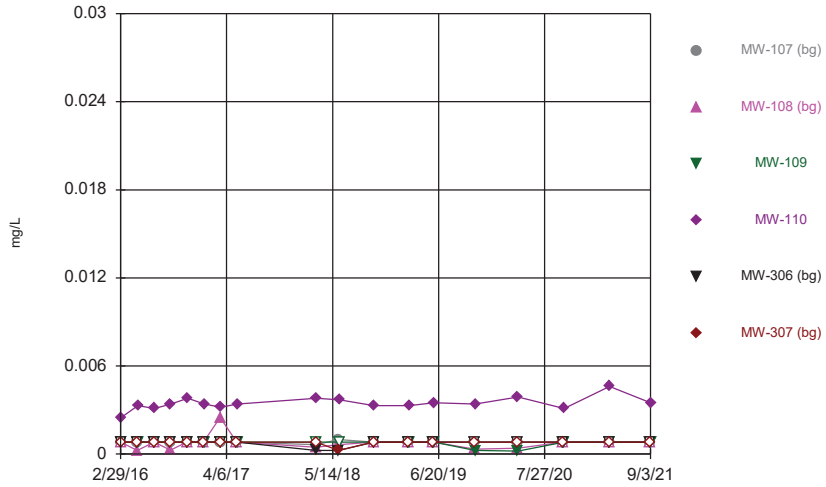
Time Series



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.

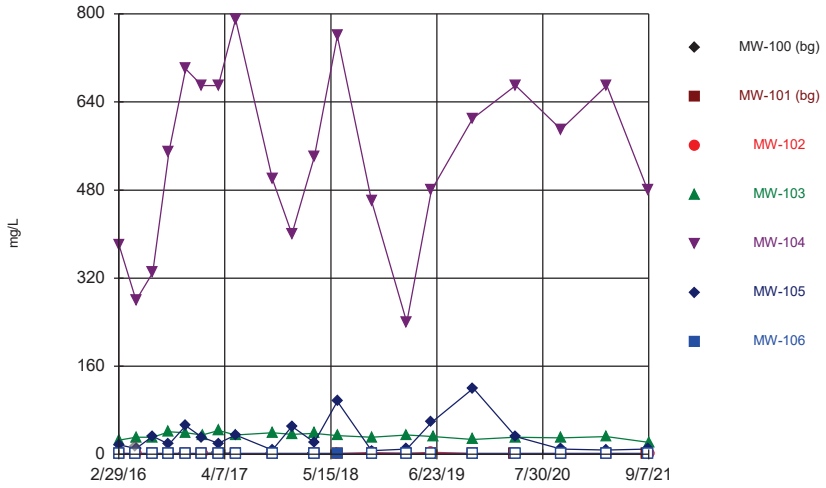
Time Series



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.

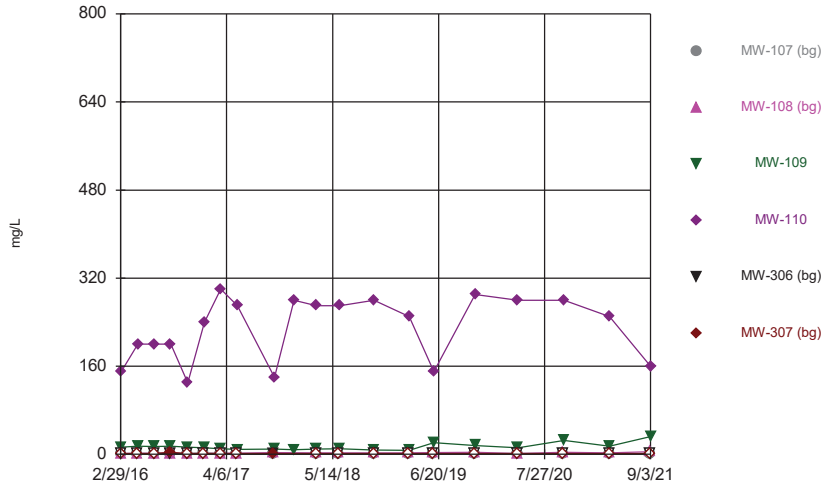
Time Series



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.

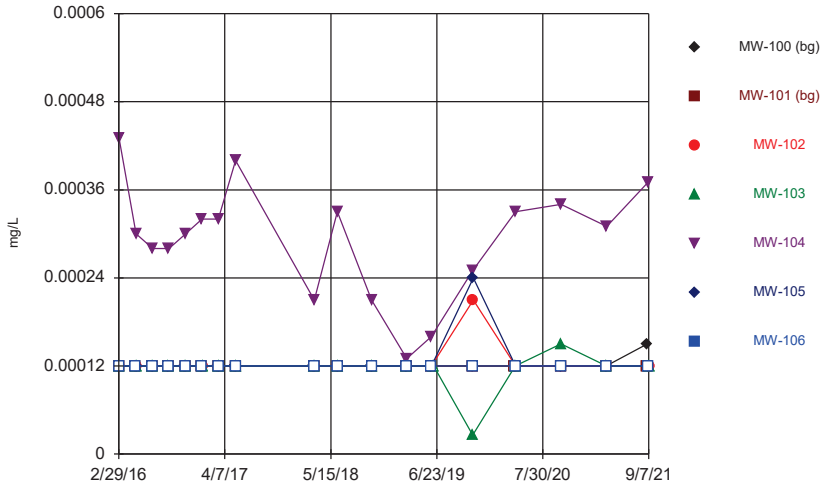
Time Series



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.

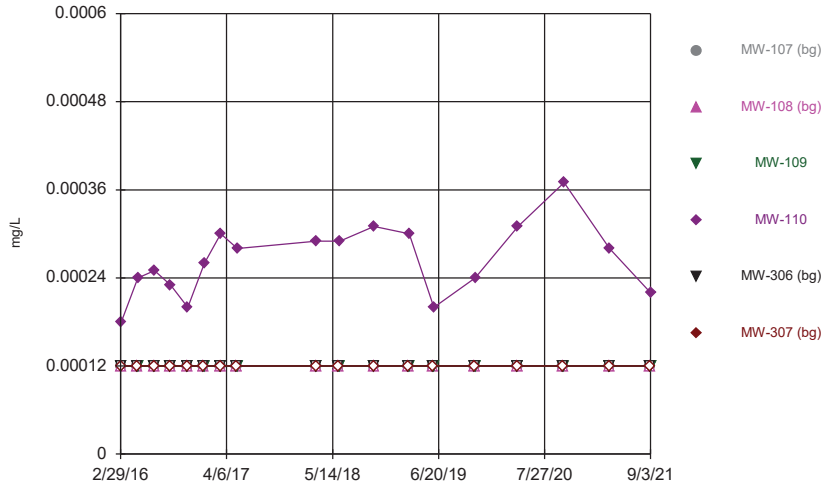
Time Series



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.

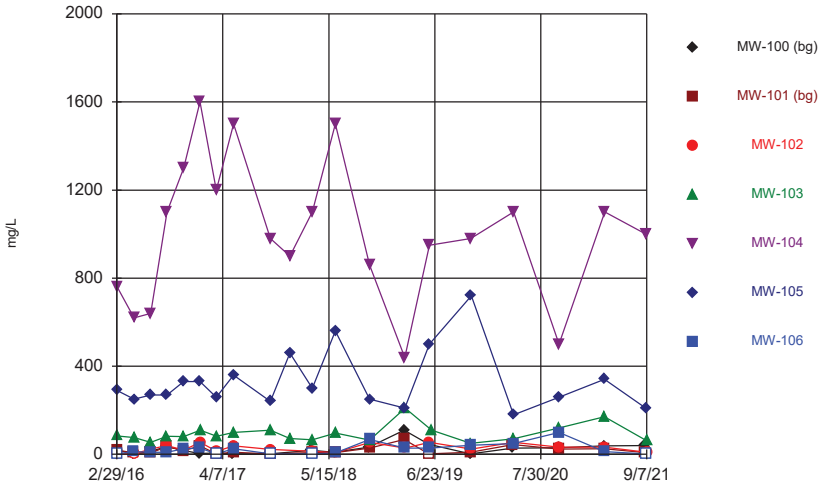
Time Series



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.

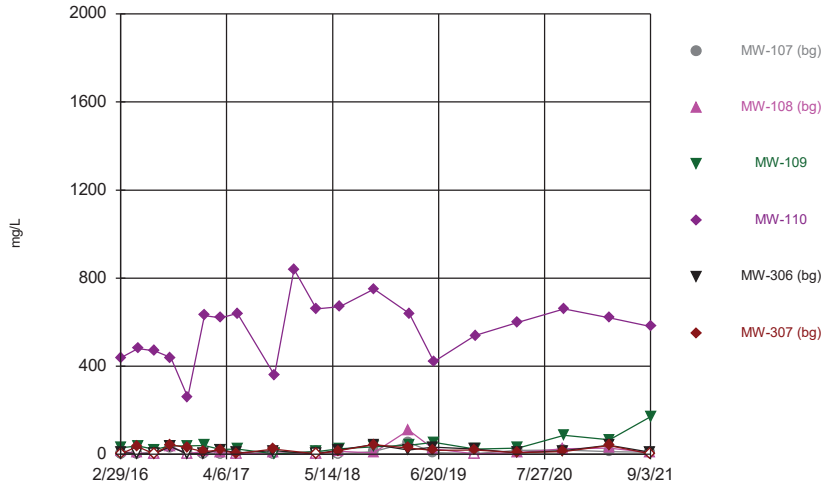
Time Series



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

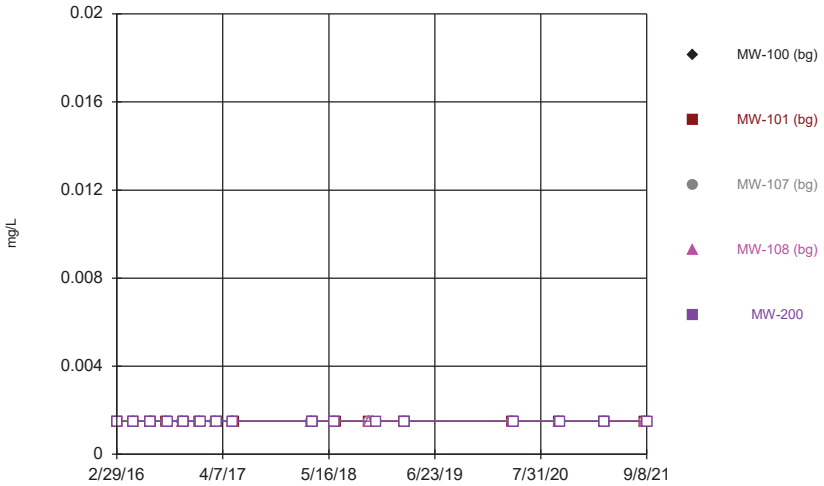
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

	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.

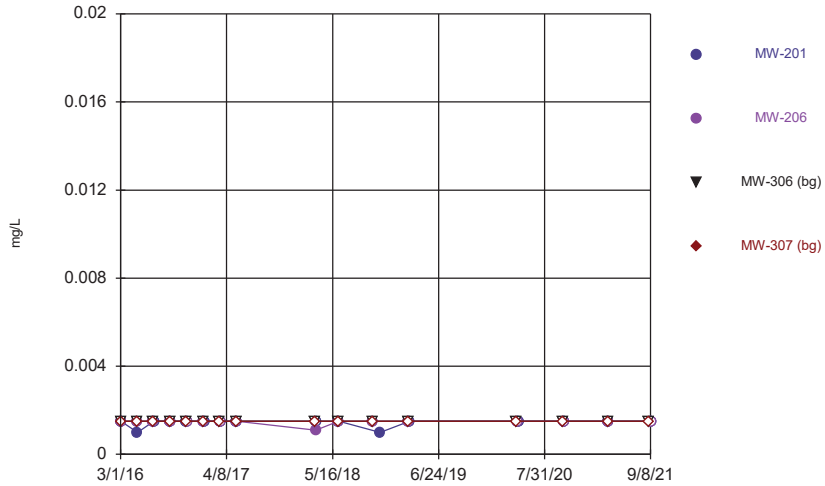
Time Series



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.

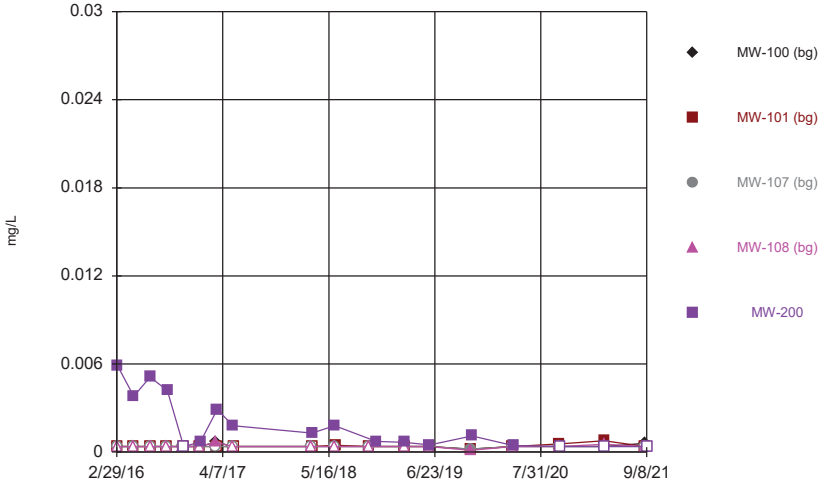
Time Series



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.

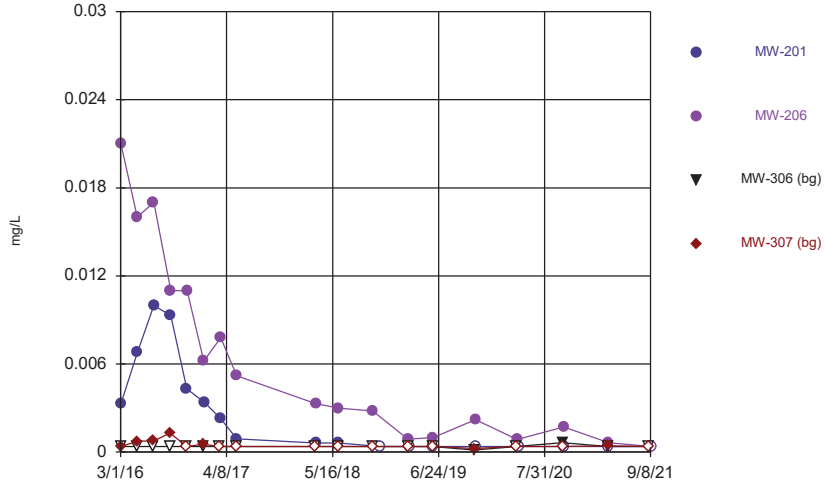
Time Series



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.

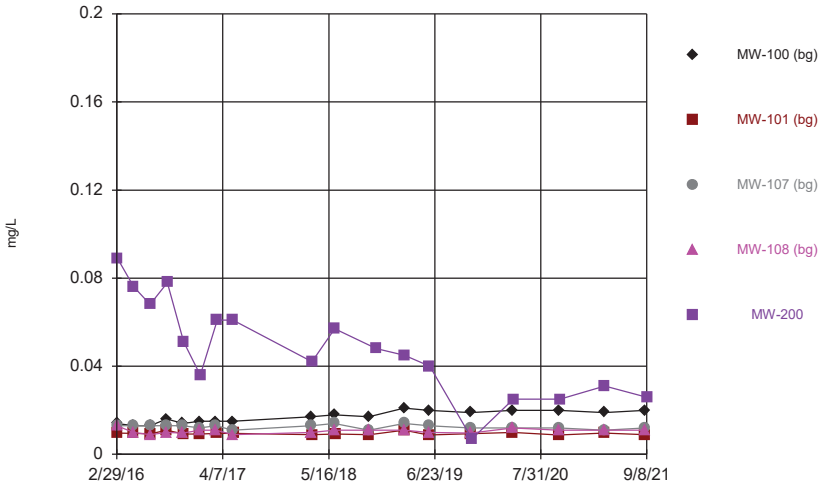
Time Series



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

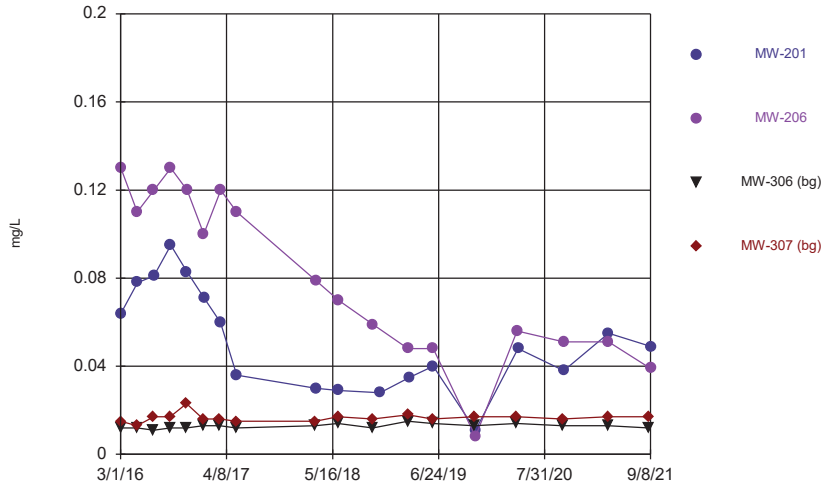
Time Series



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

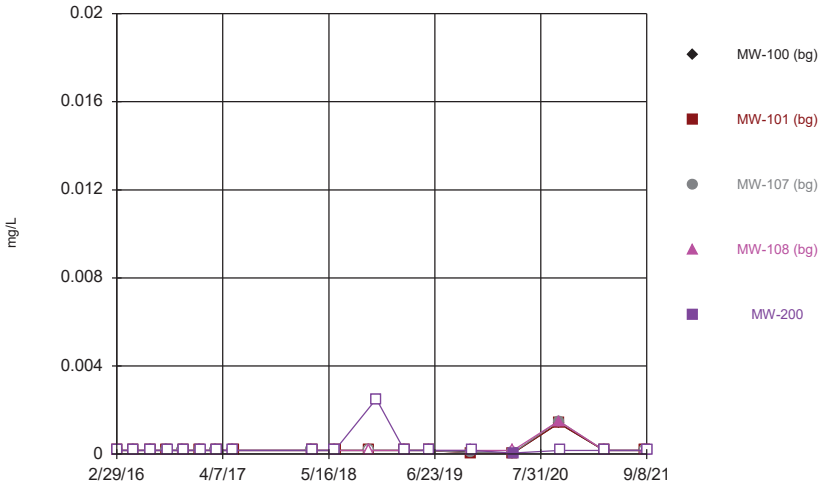
Time Series



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.

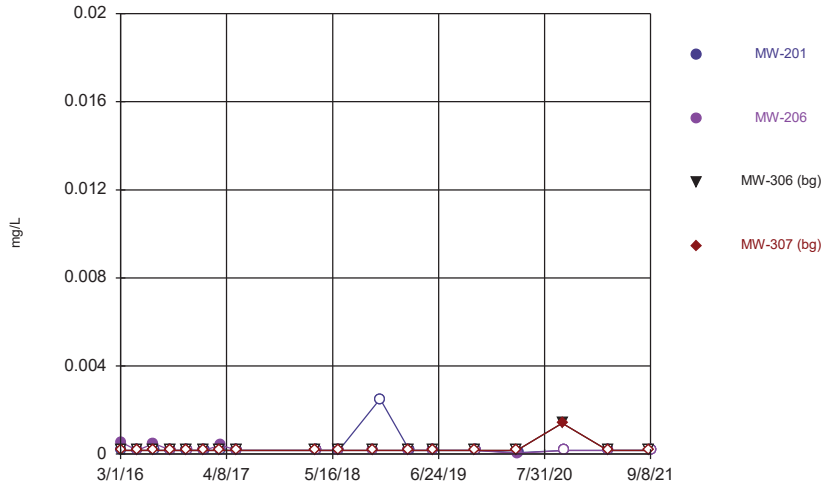
Time Series



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.

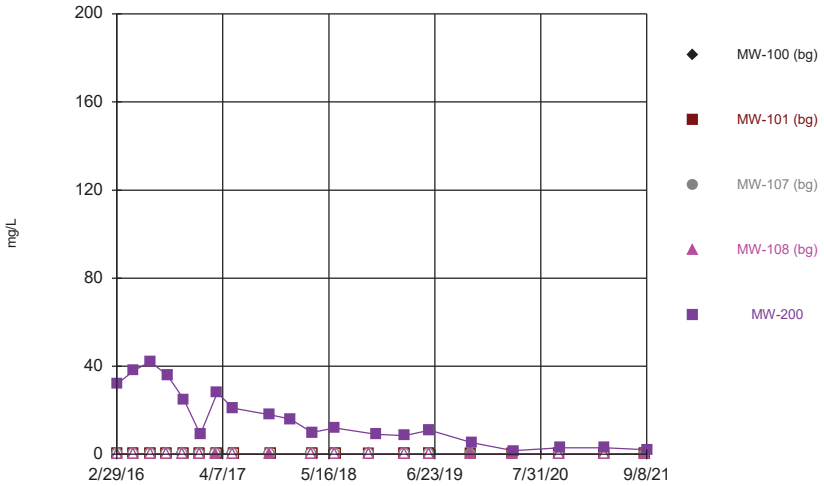
Time Series



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.

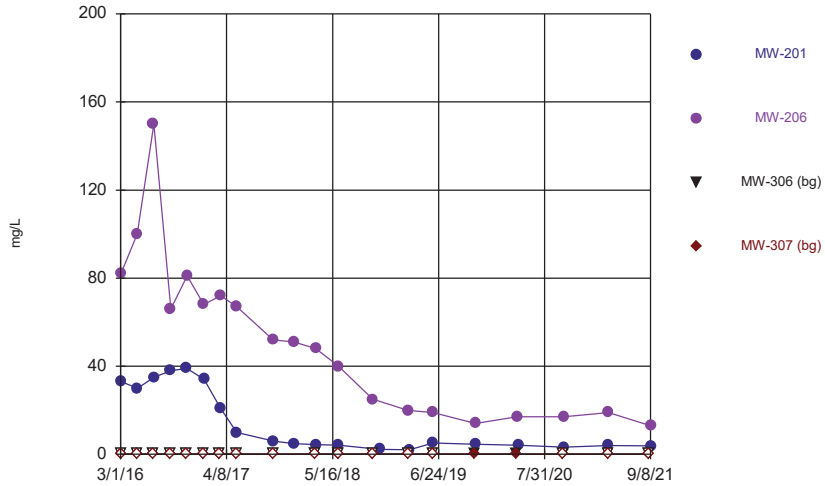
Time Series



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.

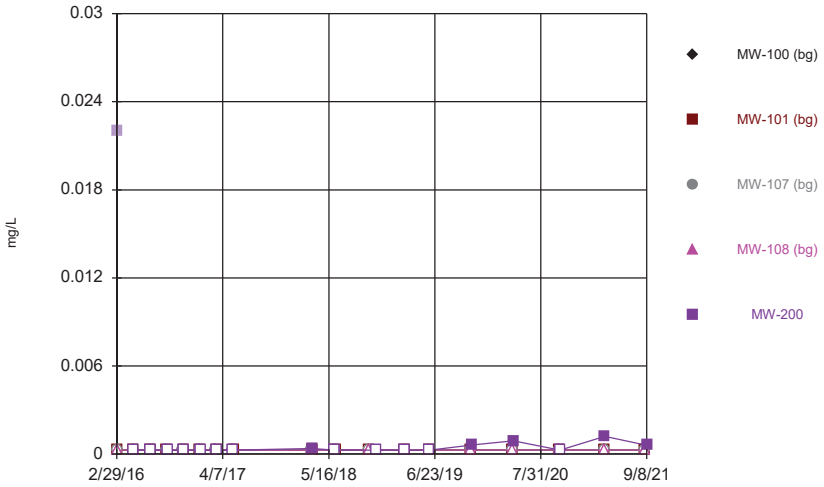
Time Series



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.

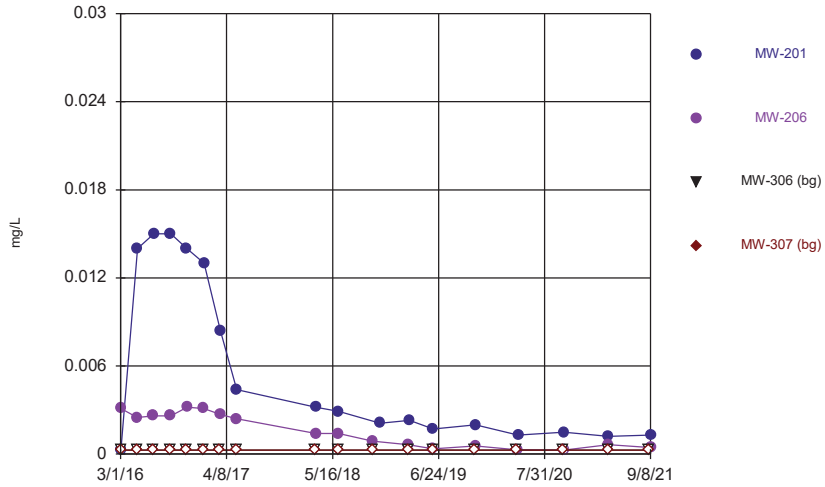
Time Series



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.

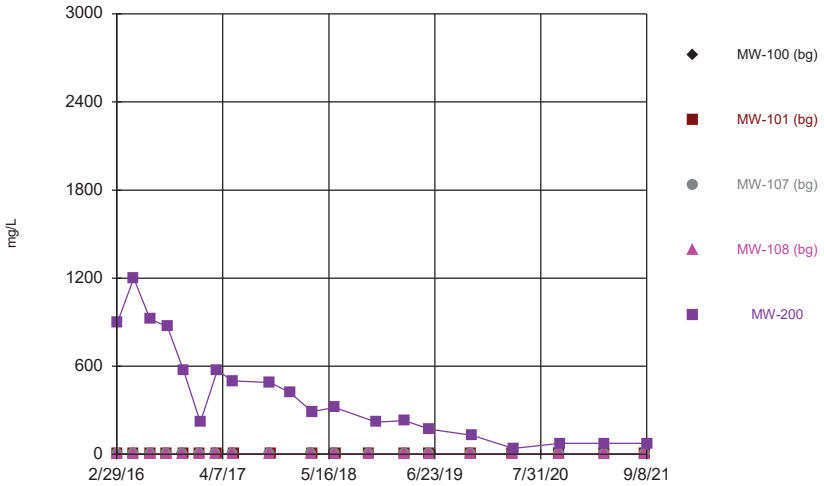
Time Series



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

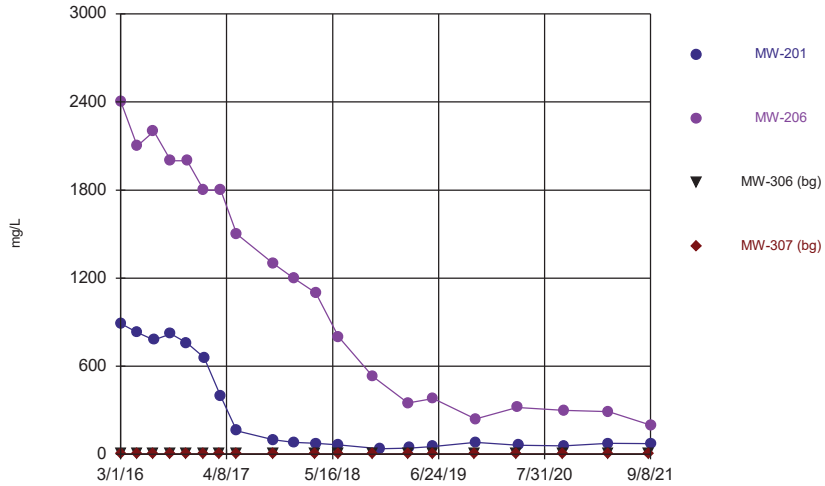
Time Series



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

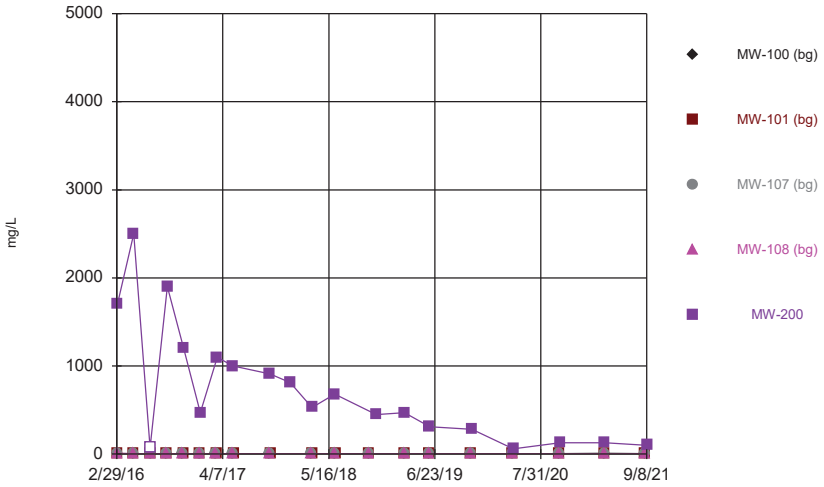
Time Series



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.

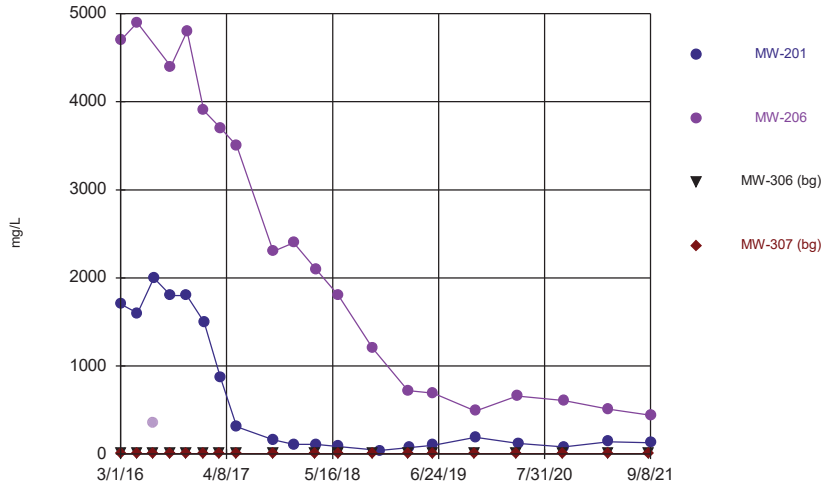
Time Series



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

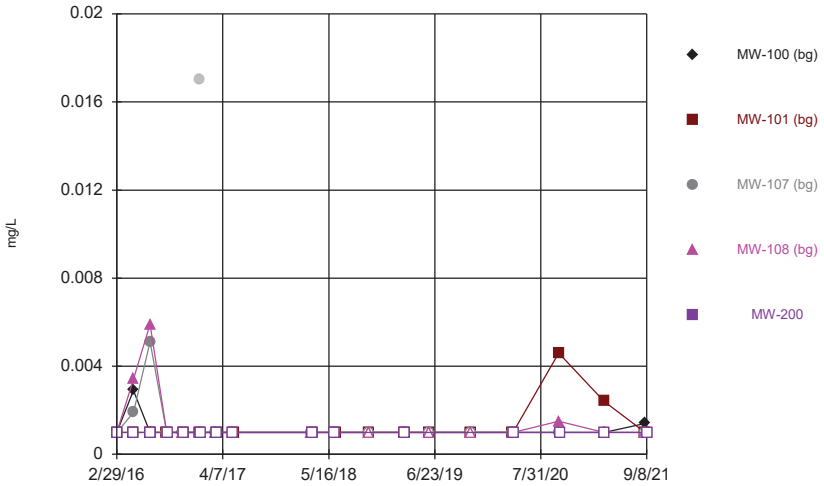
Time Series



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.

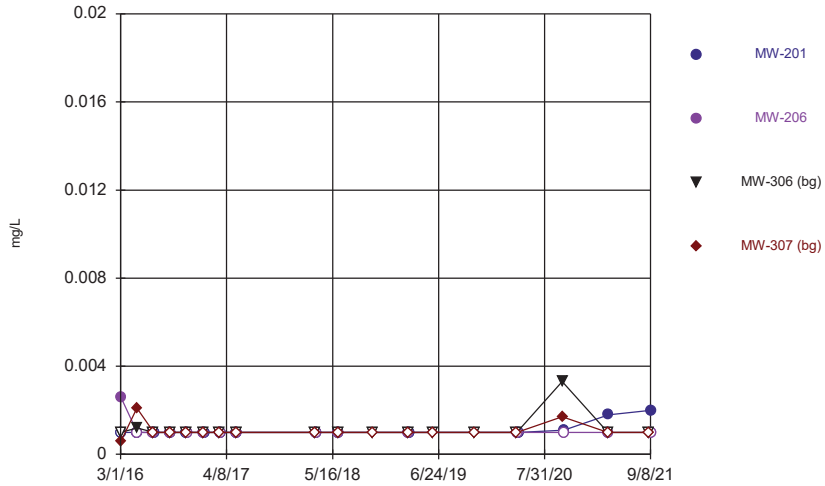
Time Series



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.

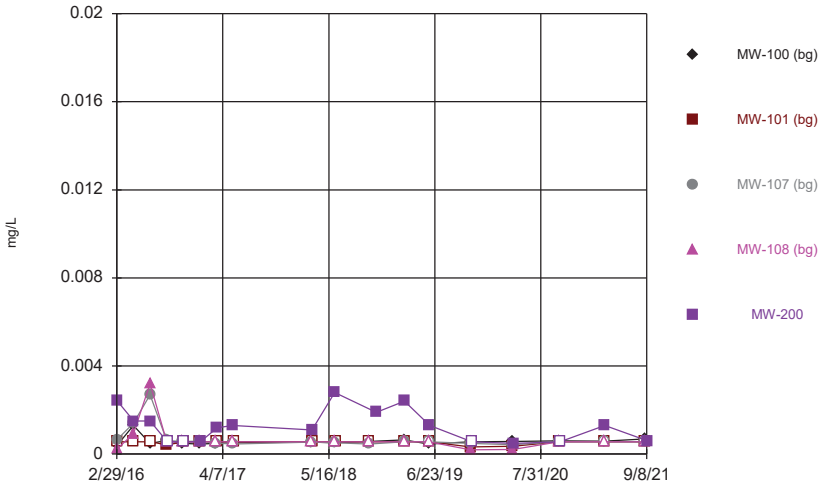
Time Series



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.

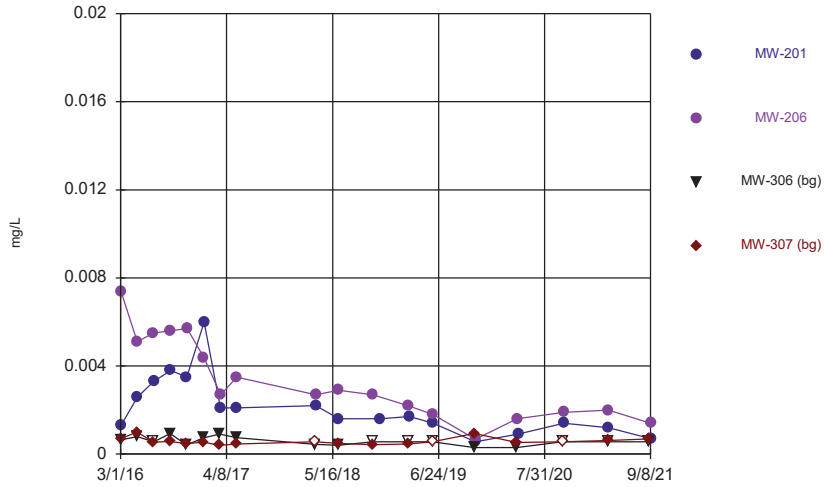
Time Series



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.

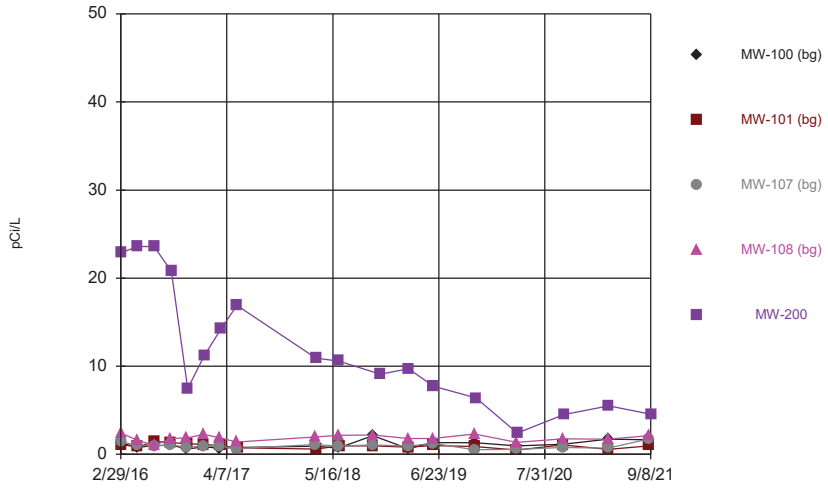
Time Series



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

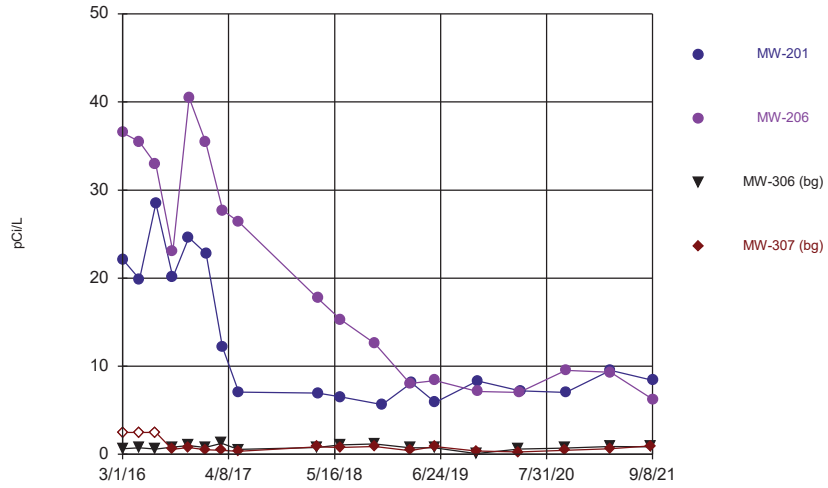
Time Series



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.

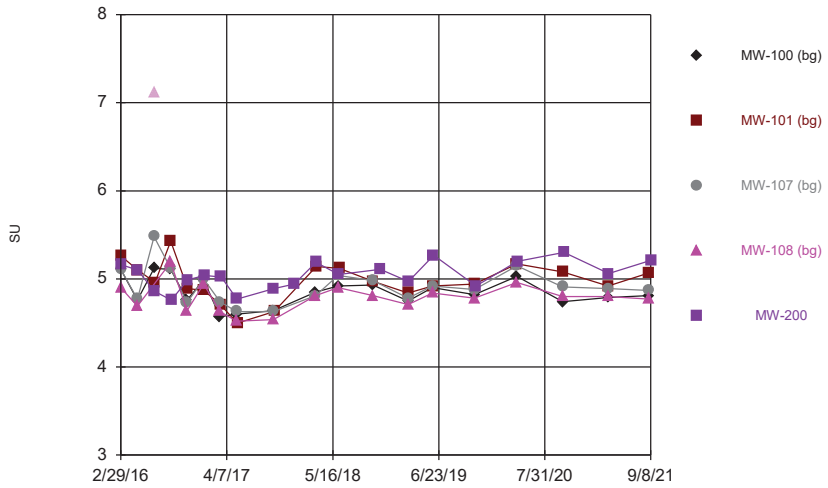
Time Series



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

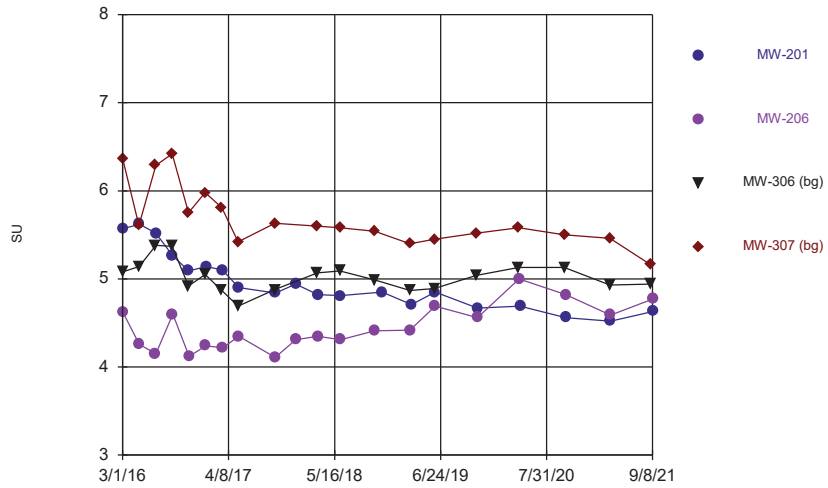
Time Series



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

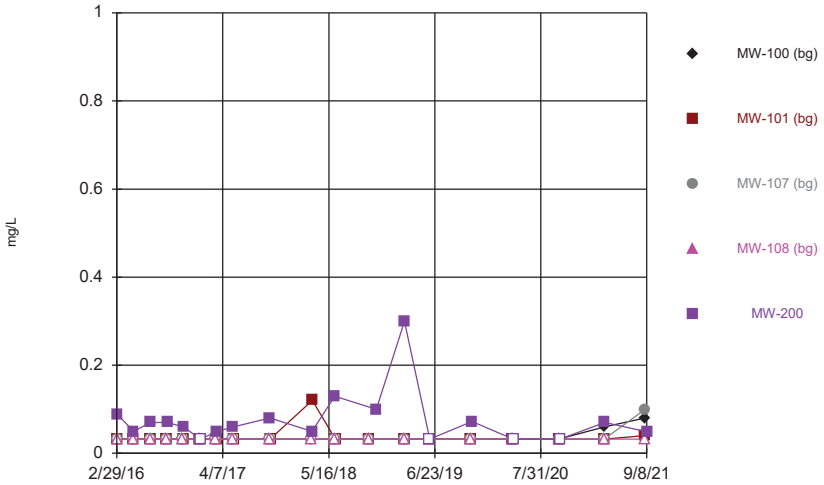
Time Series



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.

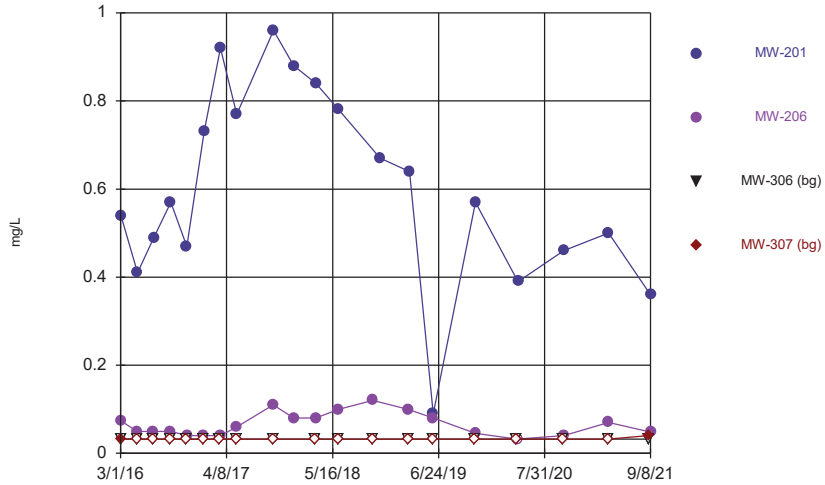
Time Series



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.

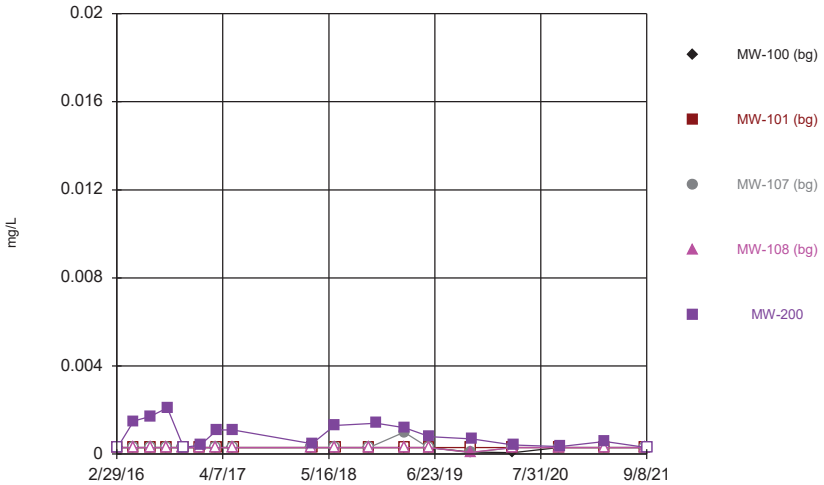
Time Series



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.

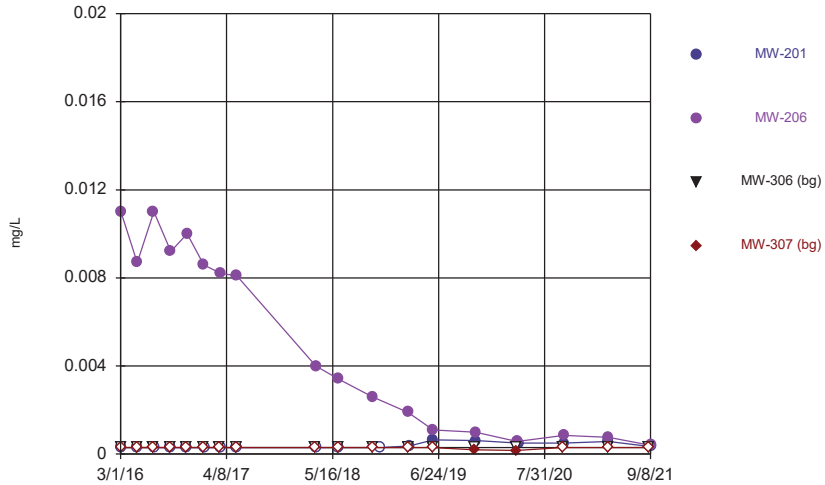
Time Series



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.

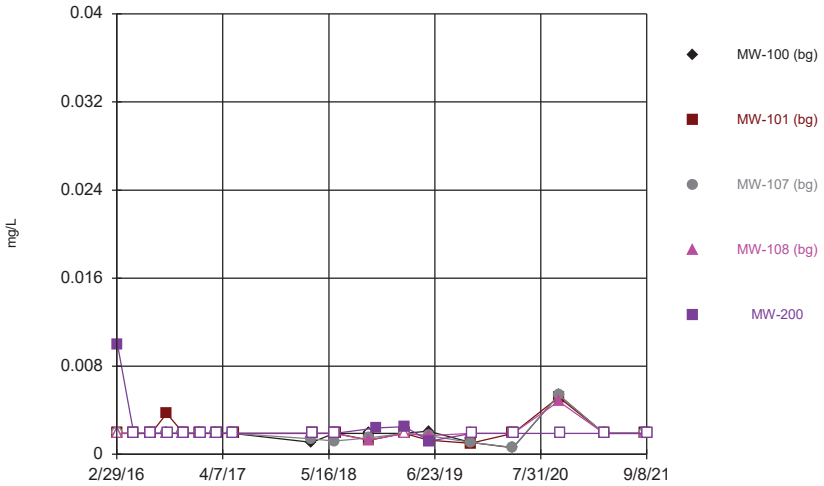
Time Series



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.

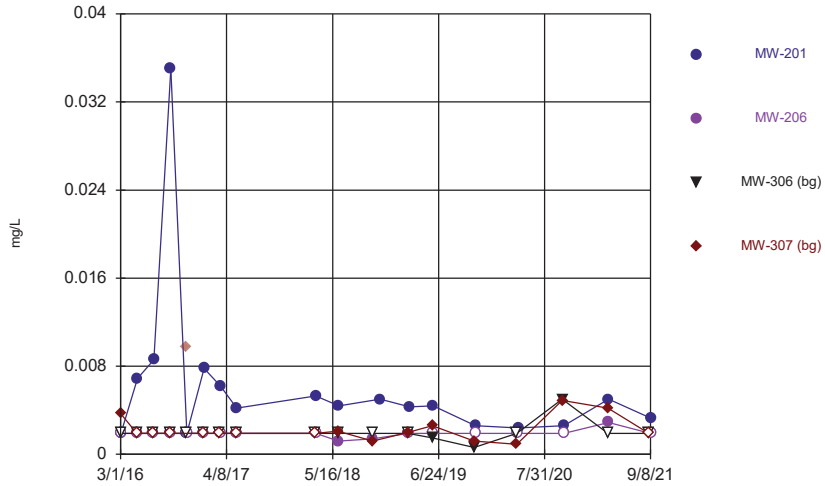
Time Series



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.

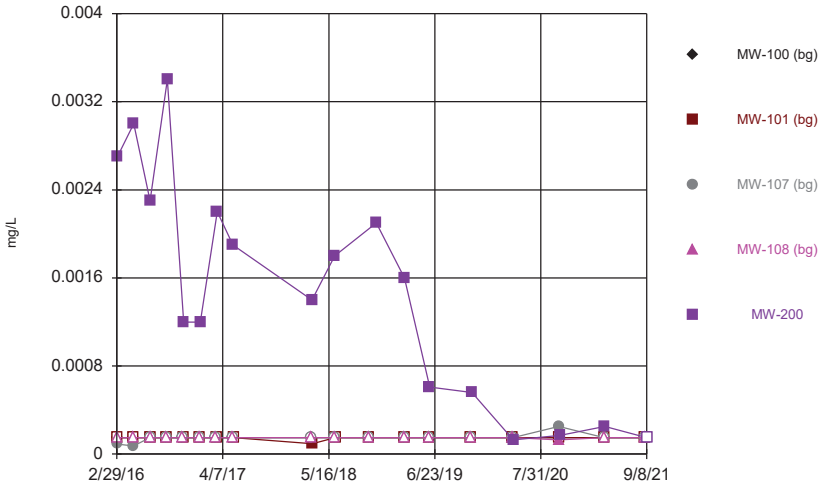
Time Series



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.

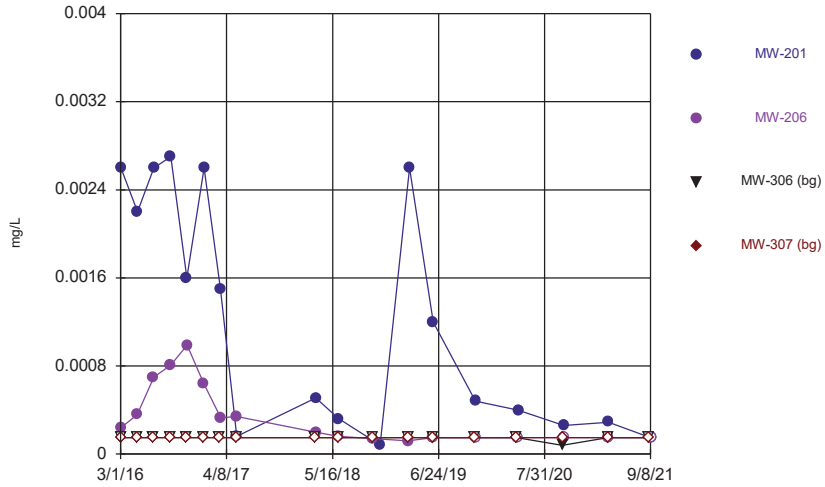
Time Series



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.

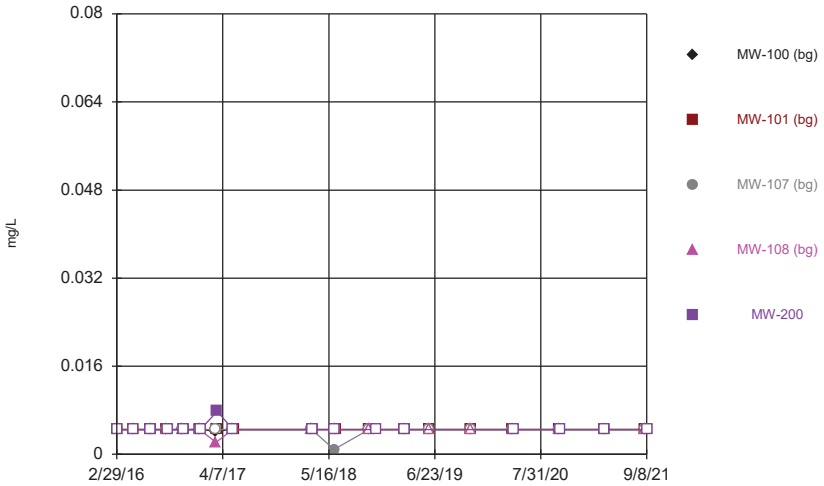
Time Series



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.

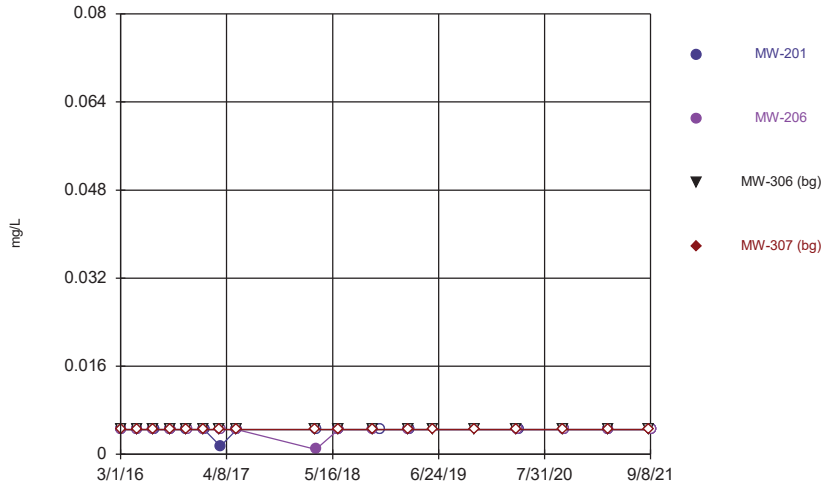
Time Series



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.

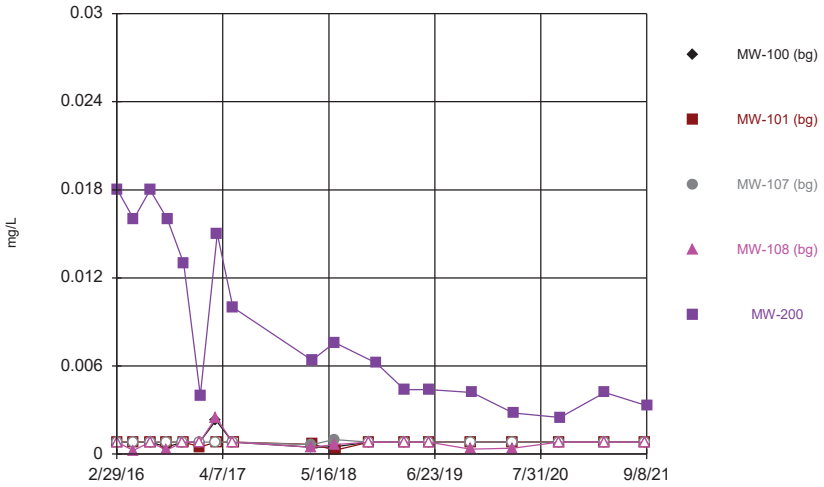
Time Series



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.

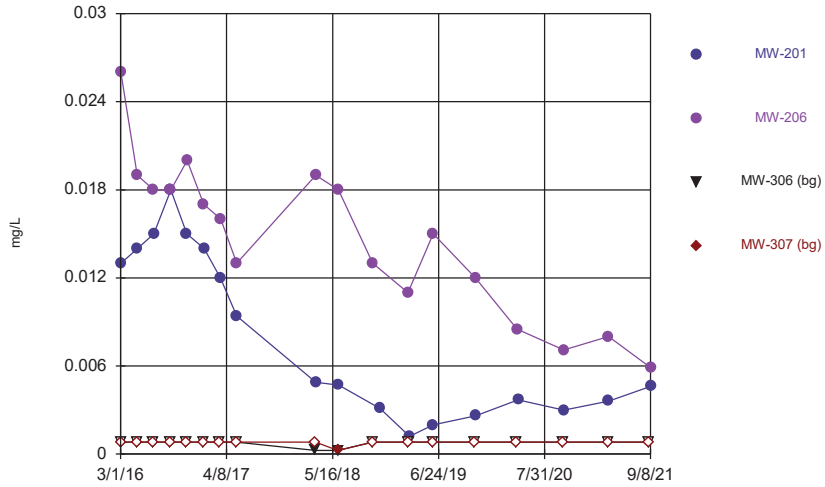
Time Series



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.

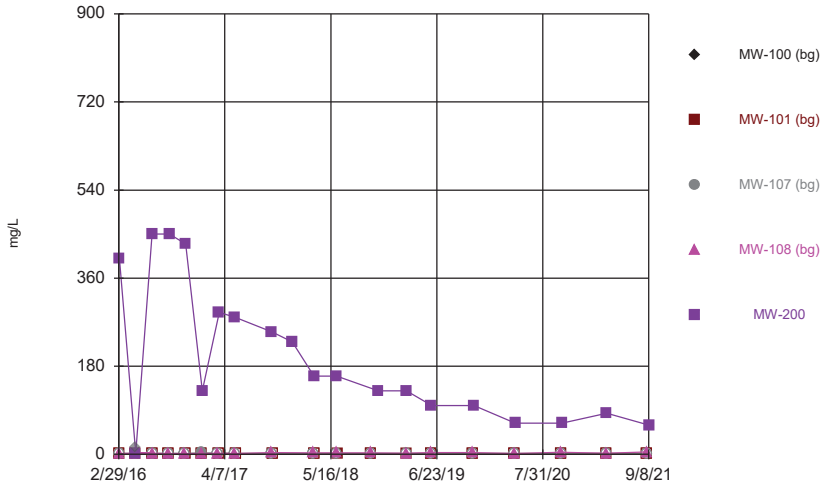
Time Series



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.

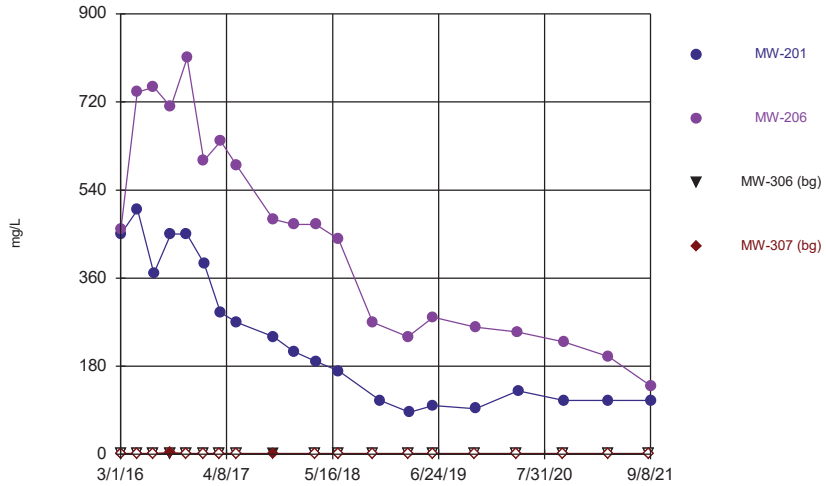
Time Series



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.

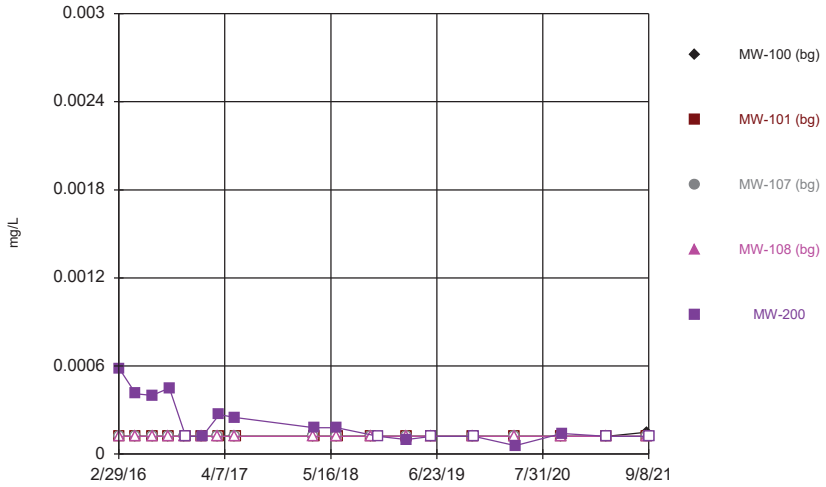
Time Series



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.

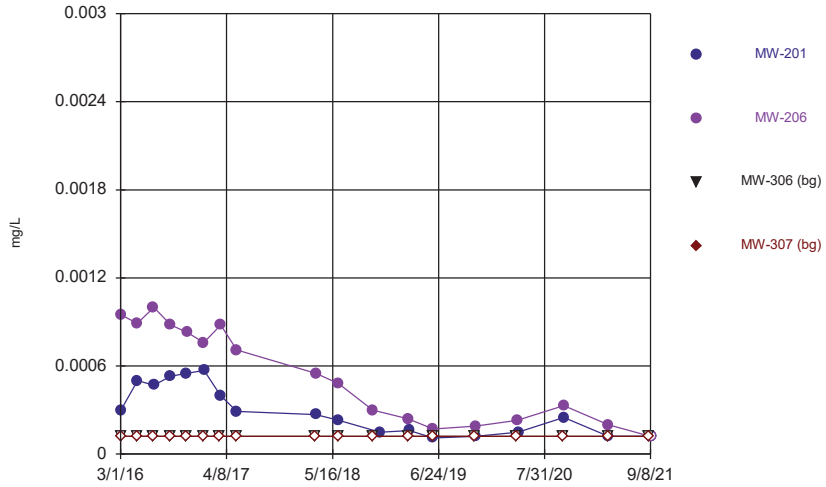
Time Series



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.

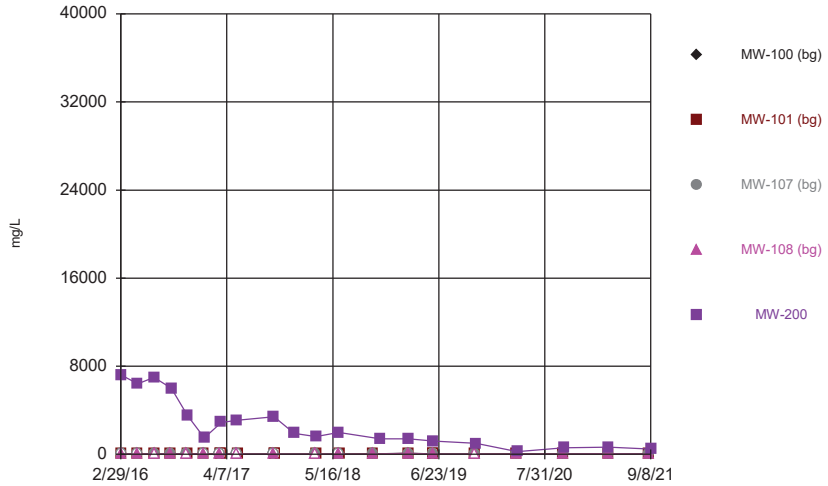
Time Series



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.

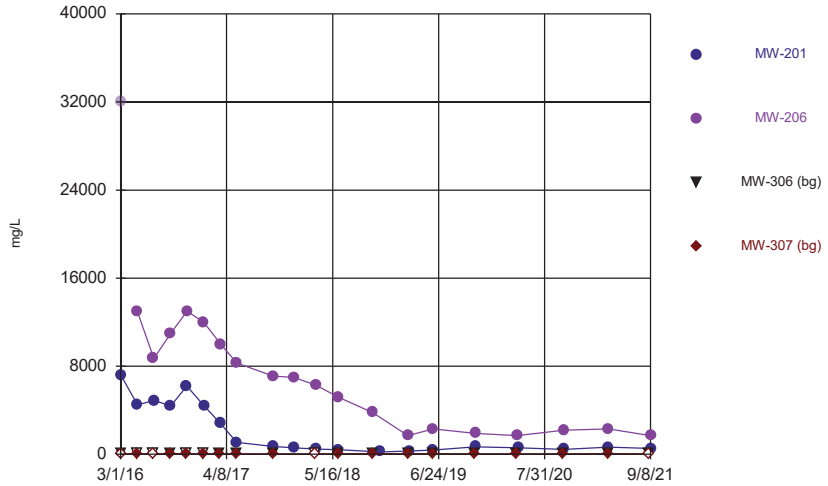
Time Series



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

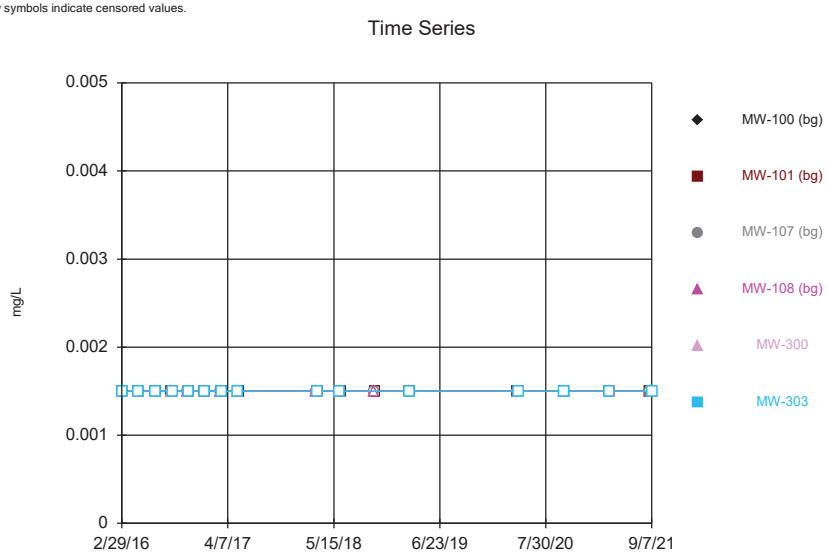
Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/15/2021 7:09 AM View: 200 Series General

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		

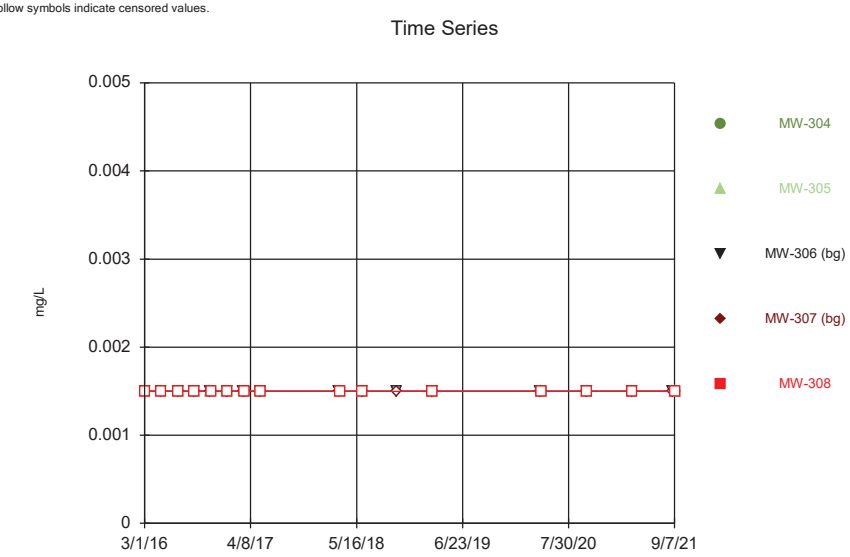
300 Series

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.



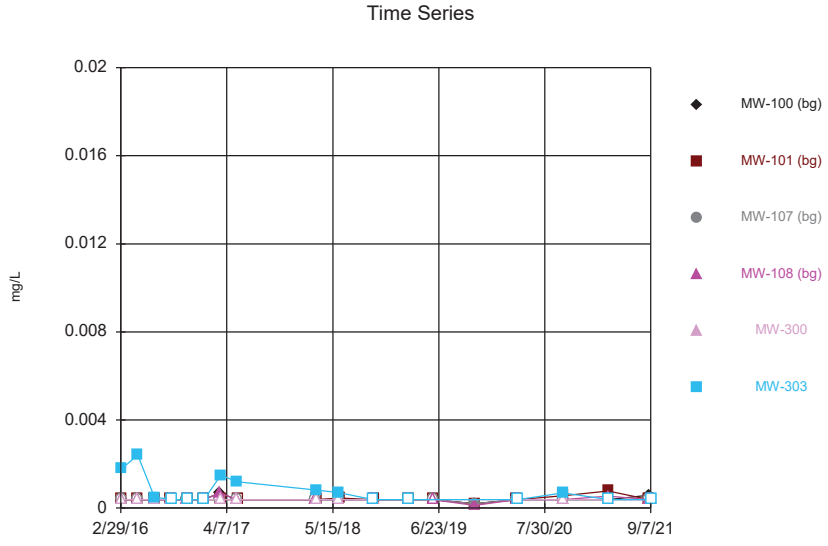
Constituent: Antimony Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.



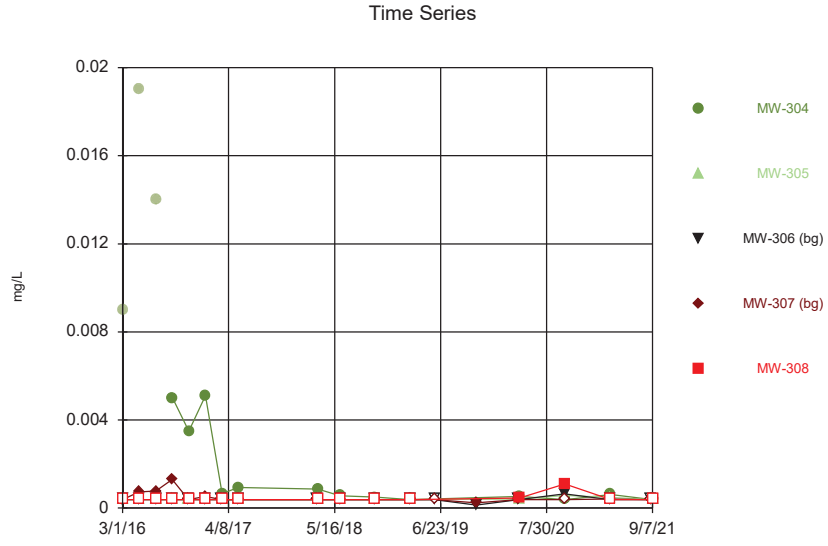
Constituent: Antimony Analysis Run 12/15/2021 7:33 AM View: 300 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.



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

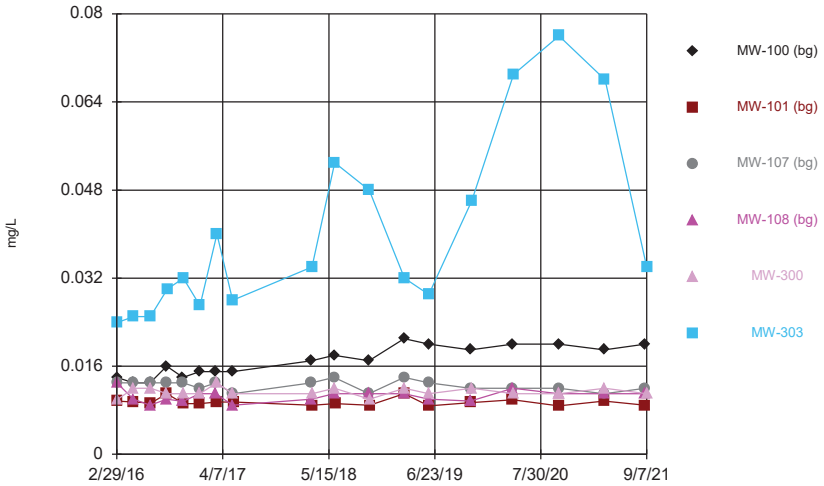
Sanitas™ v.9.6.32 . UG
Hollow symbols indicate censored values.



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

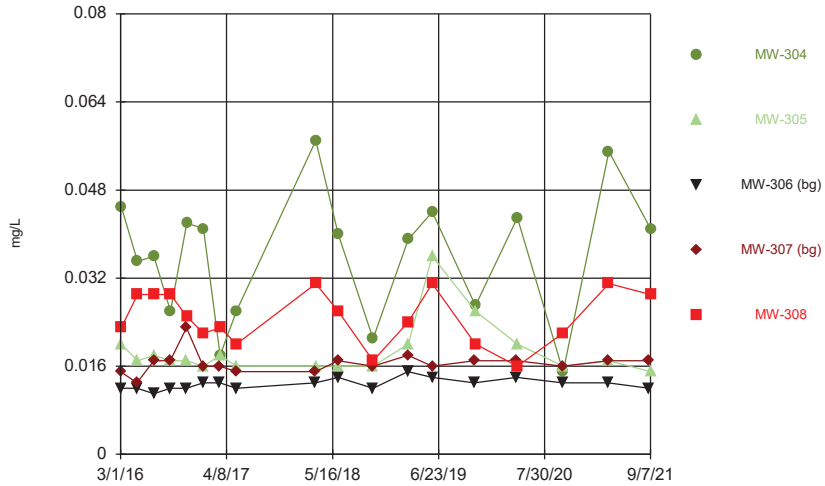
Time Series



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

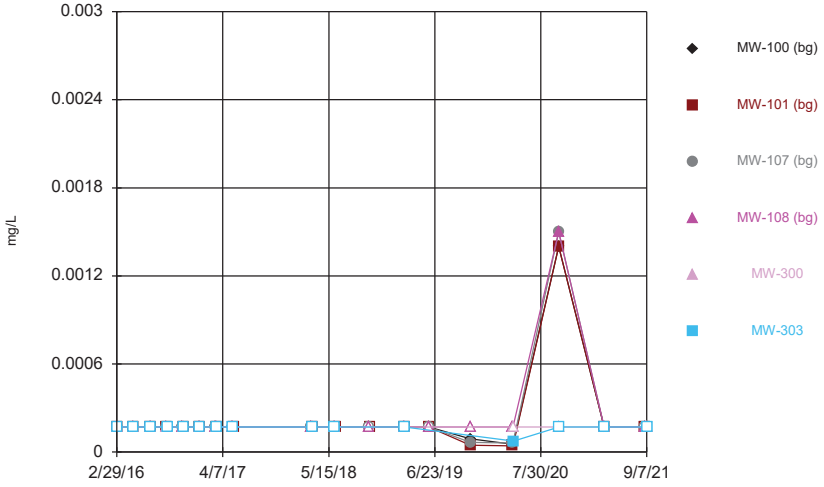
Time Series



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.

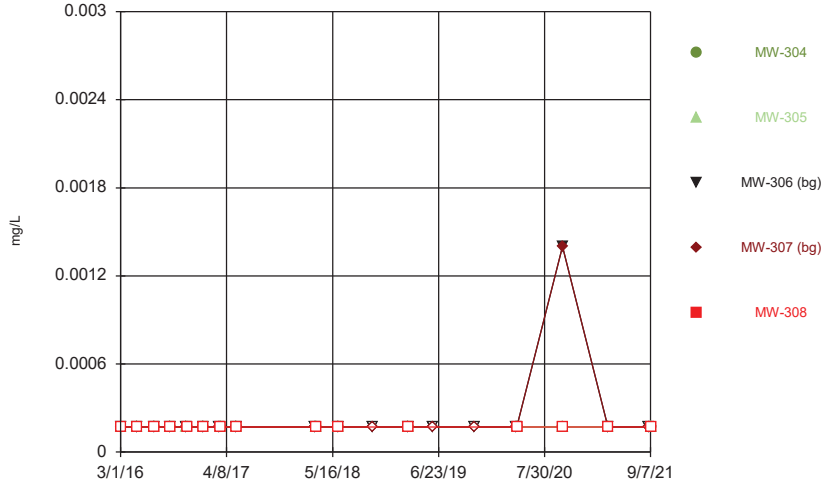
Time Series



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.

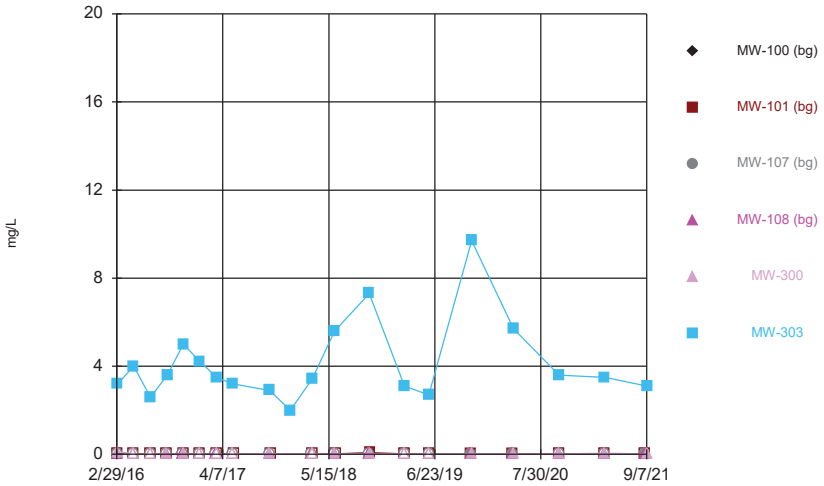
Time Series



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.

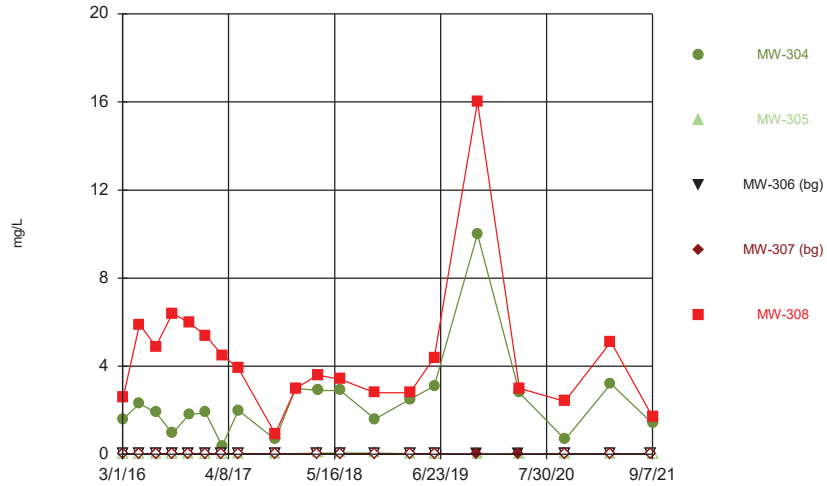
Time Series



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.

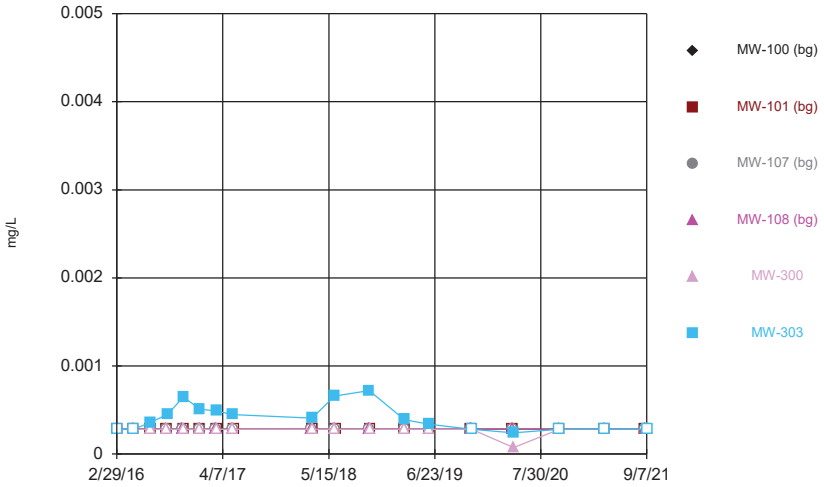
Time Series



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.

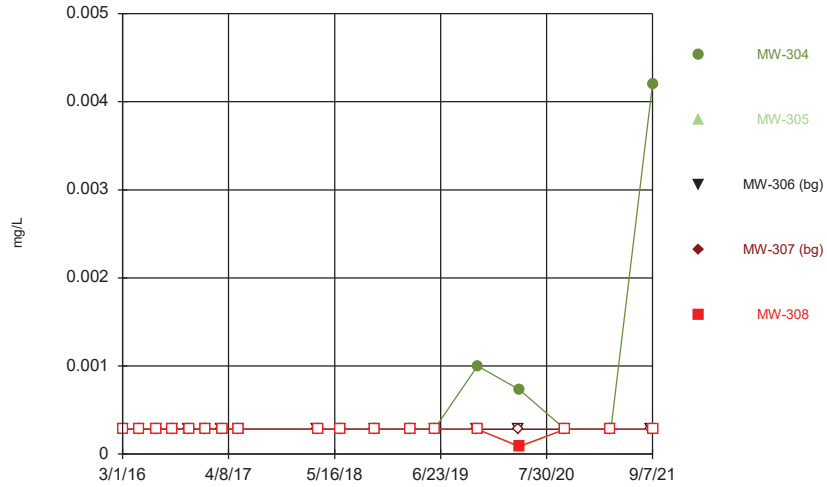
Time Series



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.

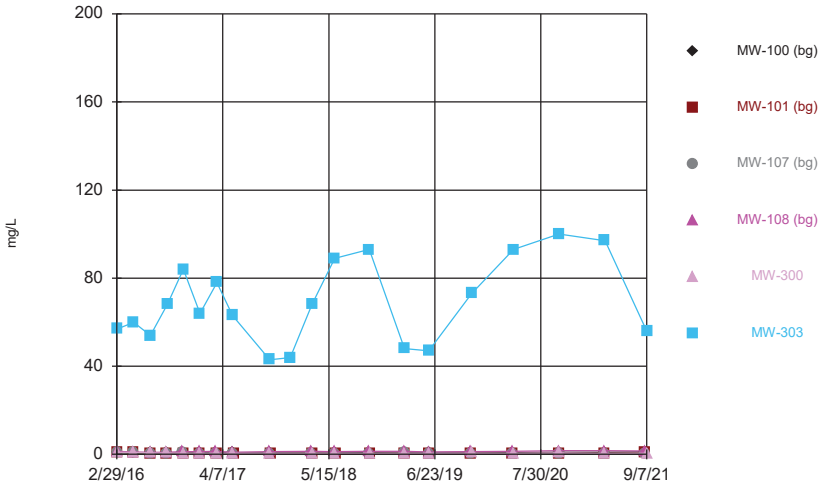
Time Series



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

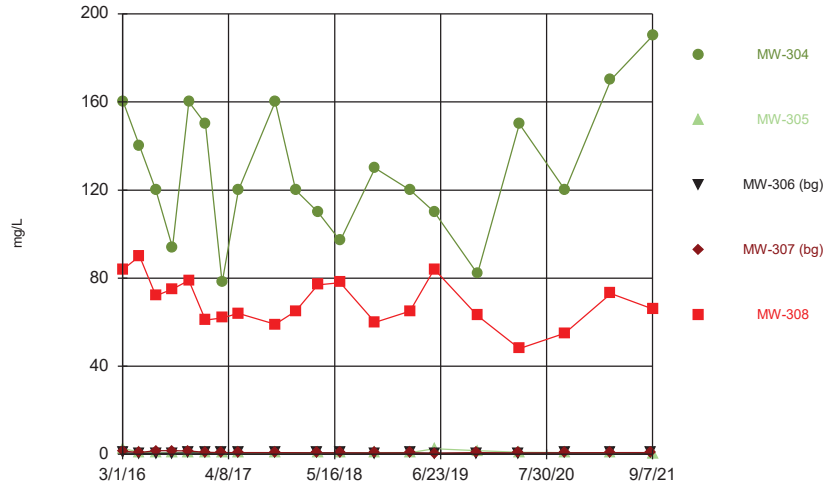
Time Series



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

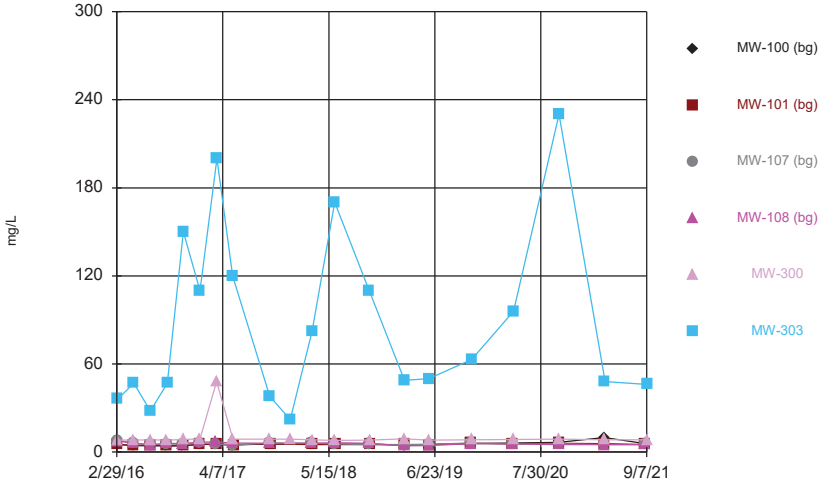
Time Series



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

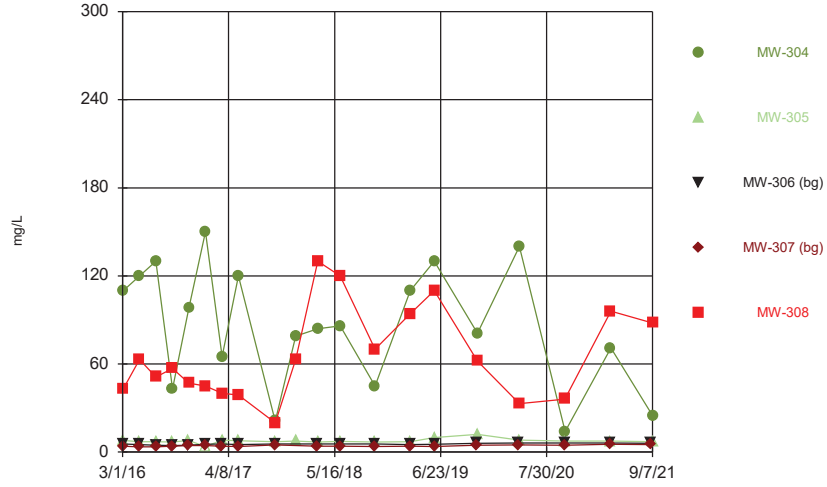
Time Series



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.

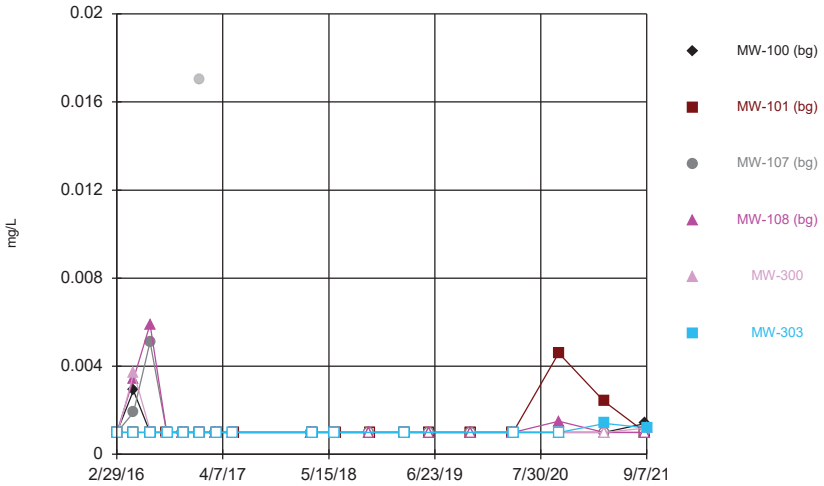
Time Series



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.

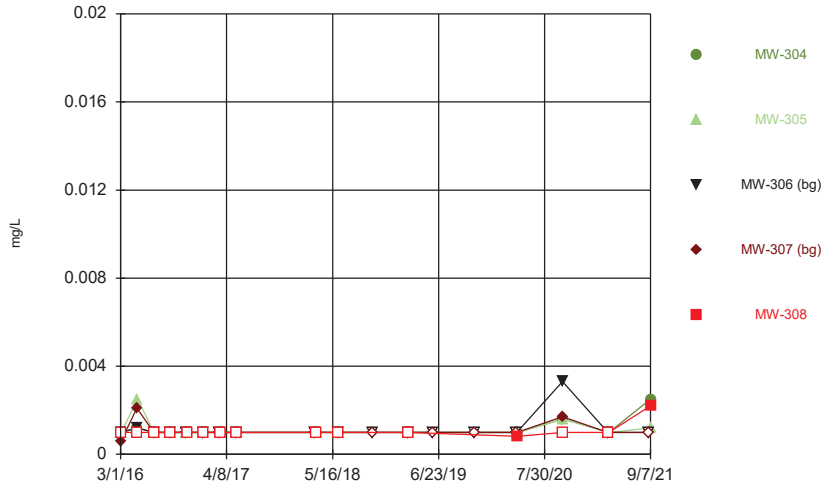
Time Series



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.

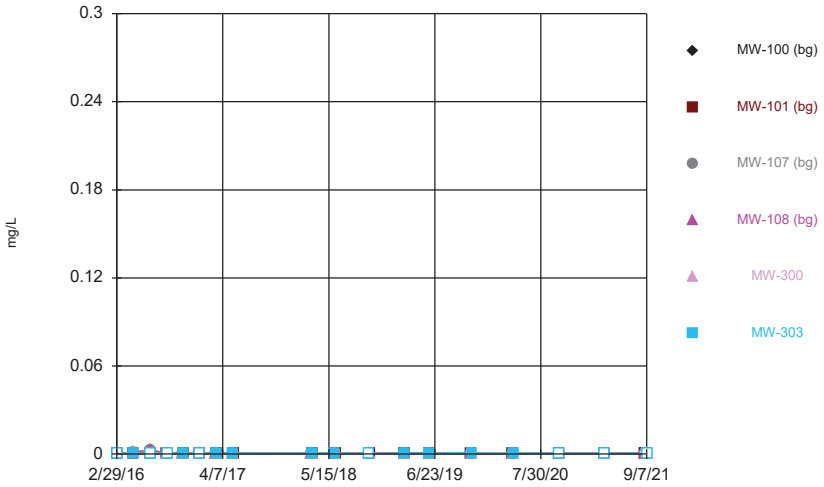
Time Series



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.

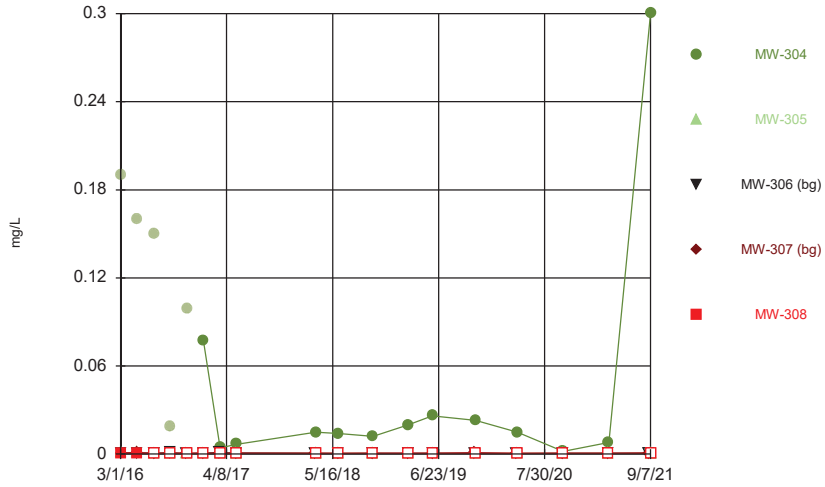
Time Series



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.

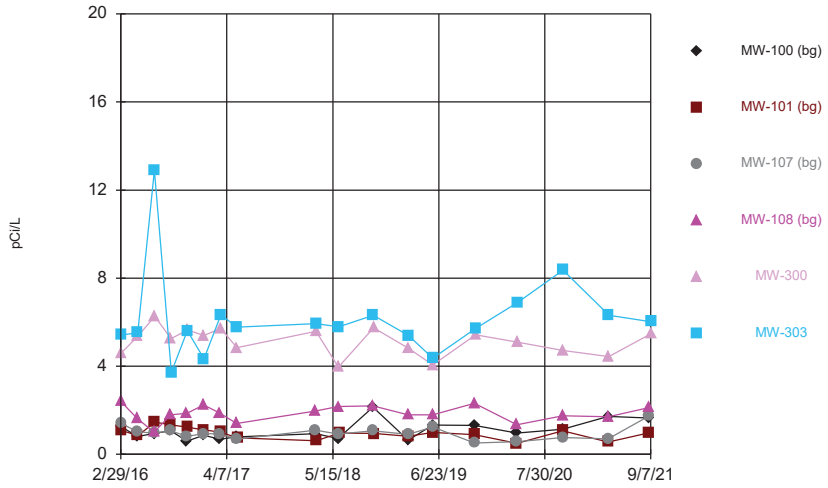
Time Series



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

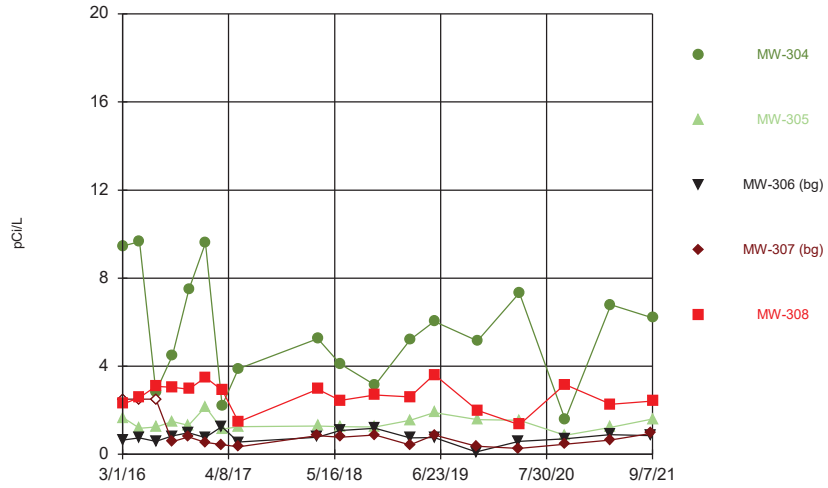
Time Series



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.

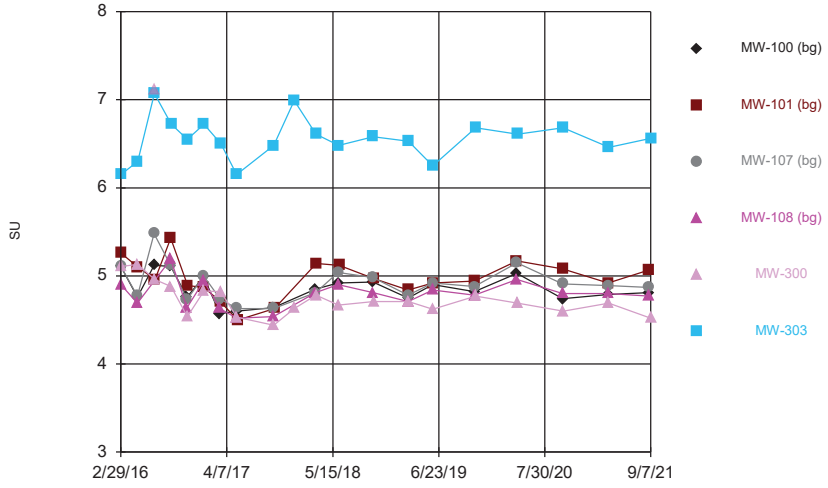
Time Series



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

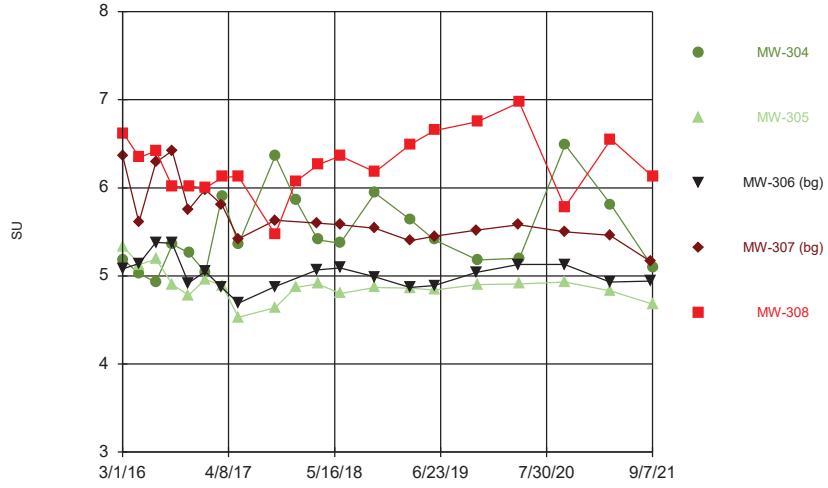
Time Series



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

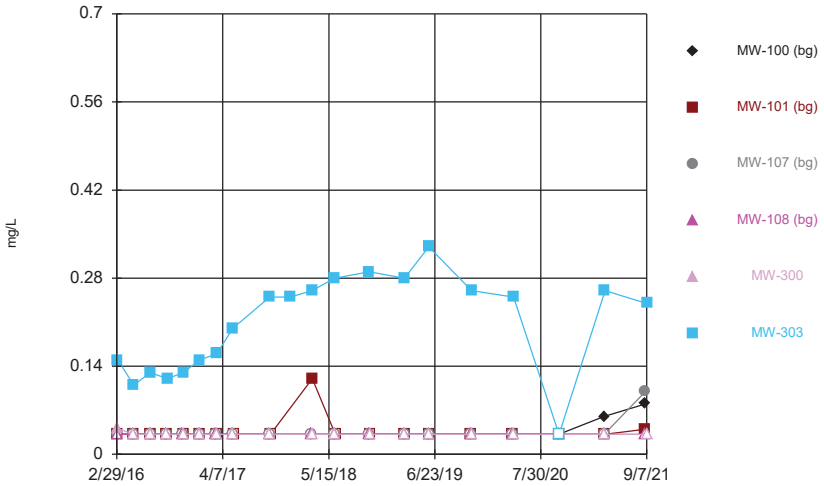
Time Series



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.

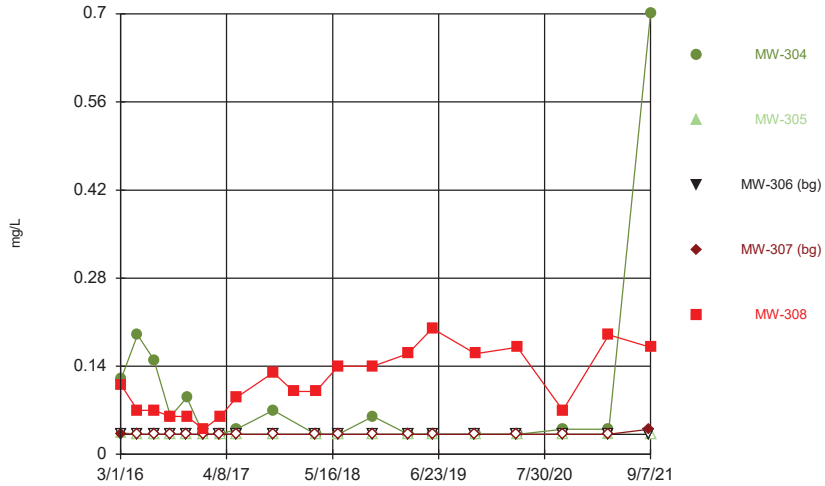
Time Series



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.

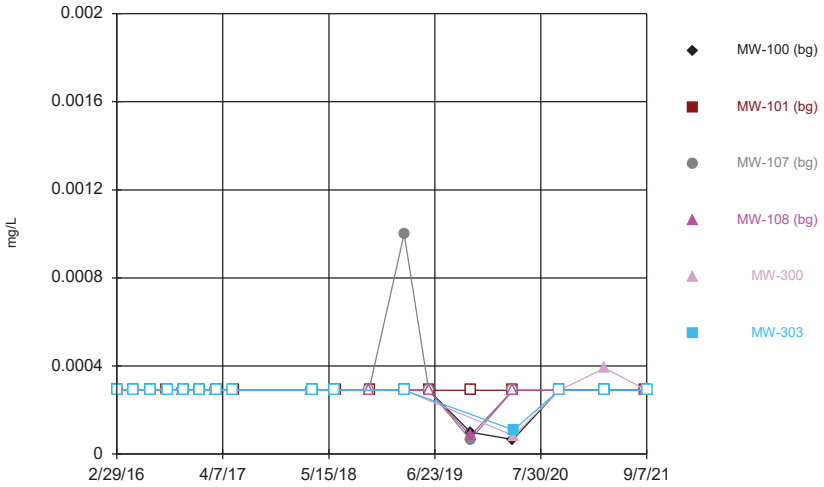
Time Series



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.

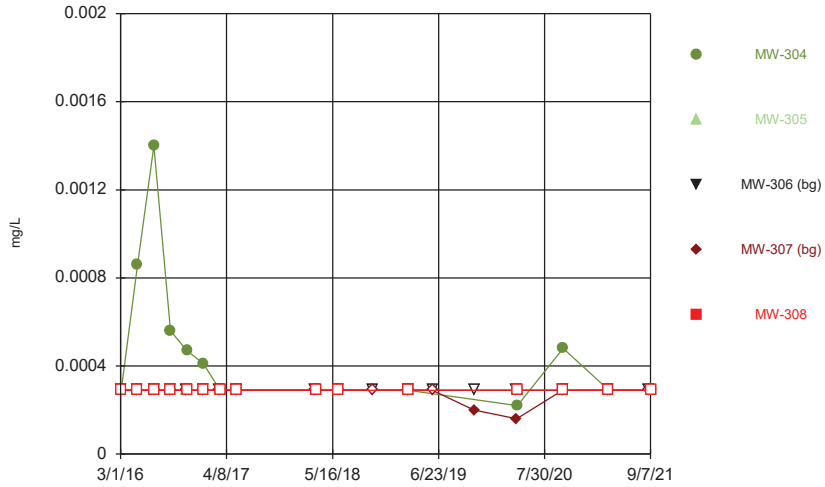
Time Series



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.

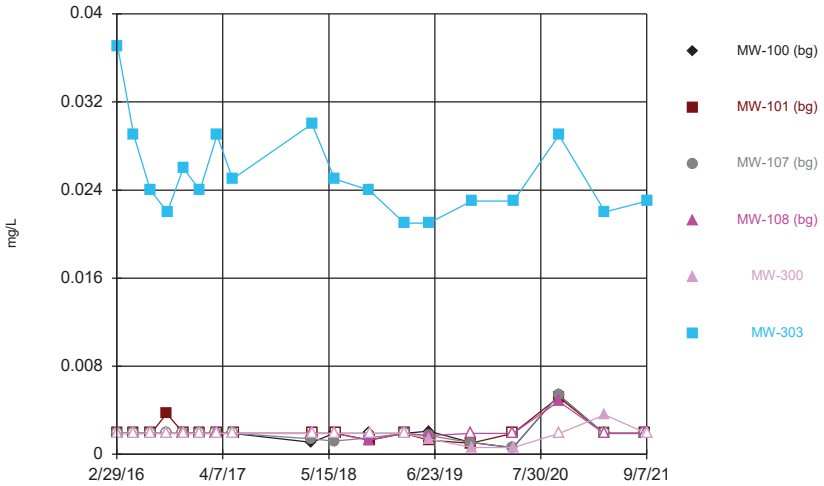
Time Series



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.

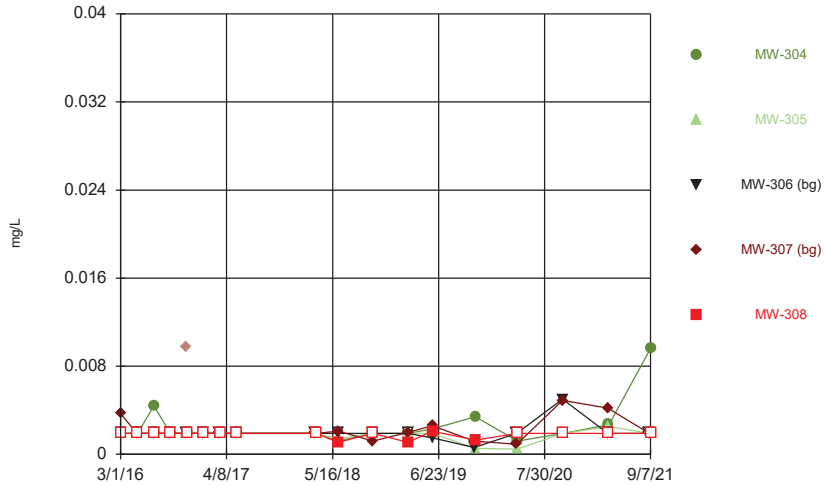
Time Series



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.

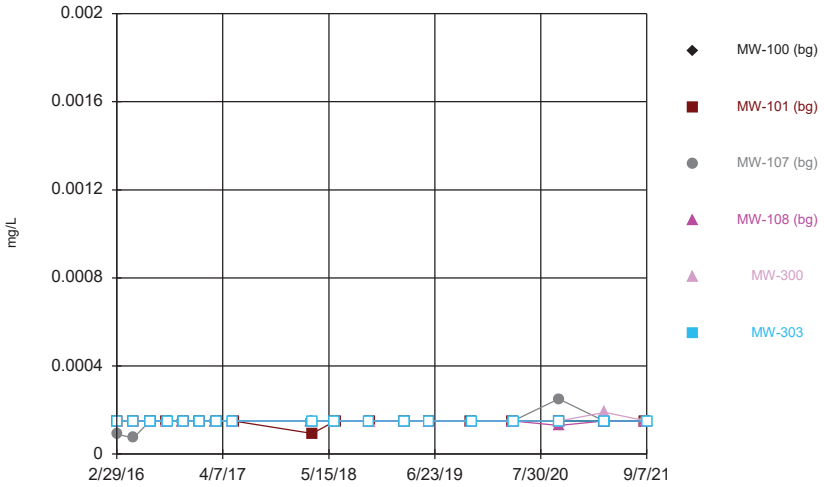
Time Series



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.

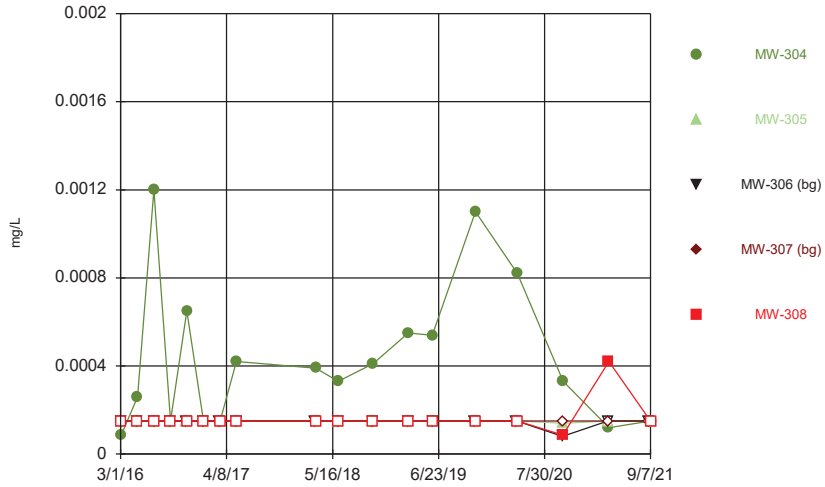
Time Series



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.

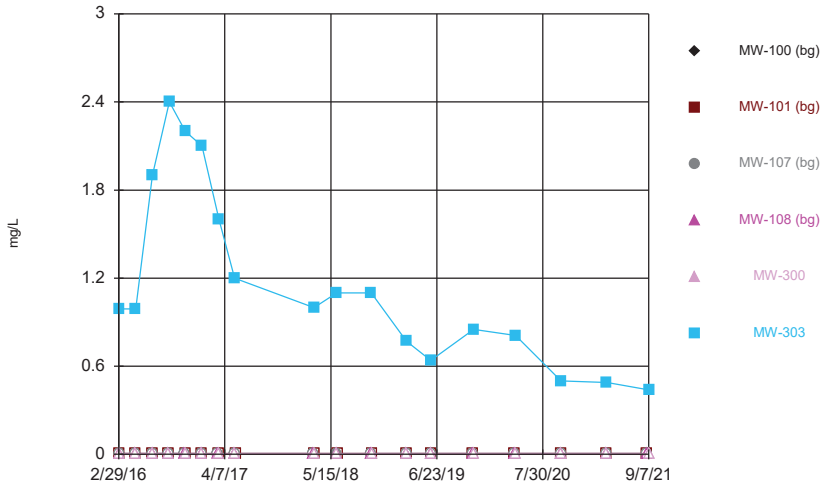
Time Series



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.

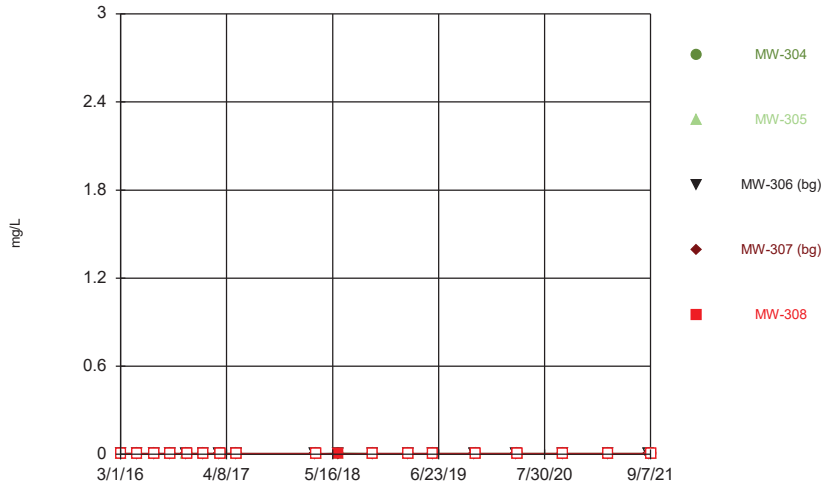
Time Series



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.

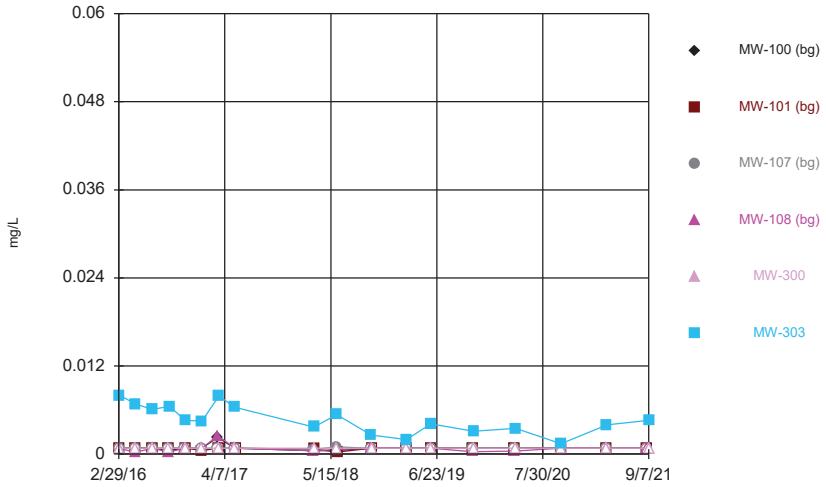
Time Series



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.

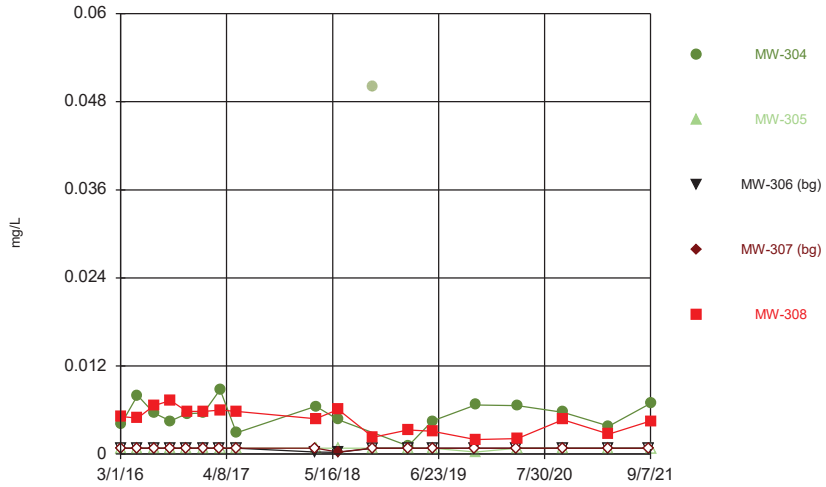
Time Series



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.

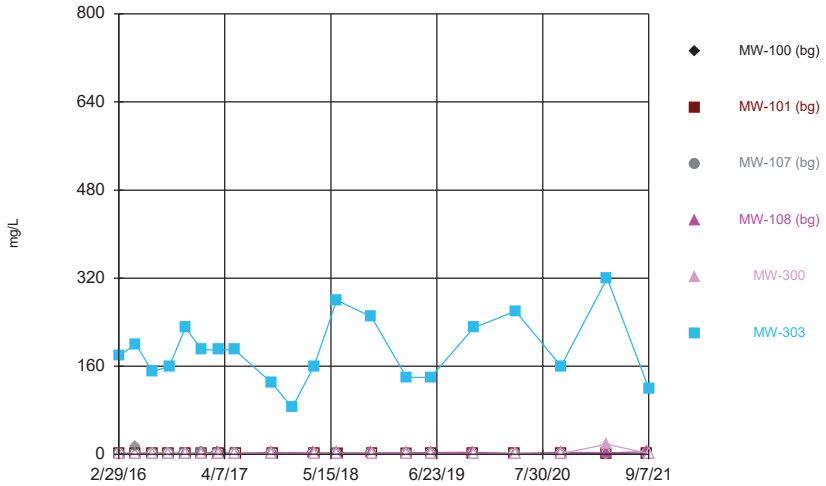
Time Series



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.

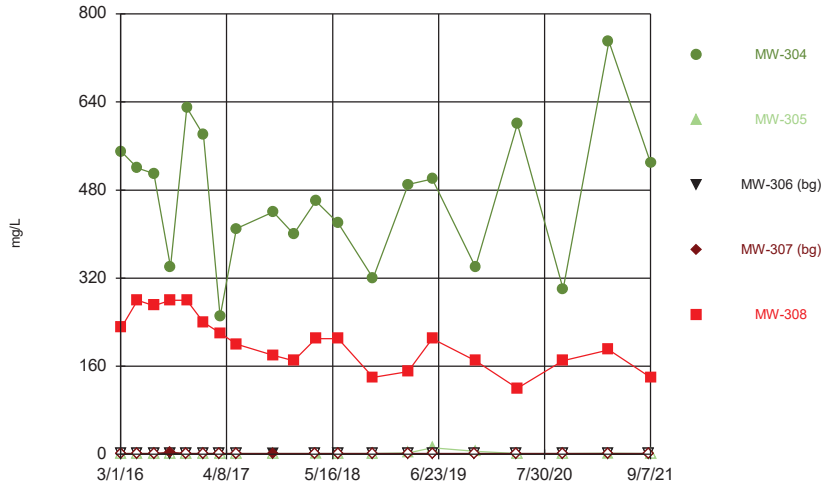
Time Series



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.

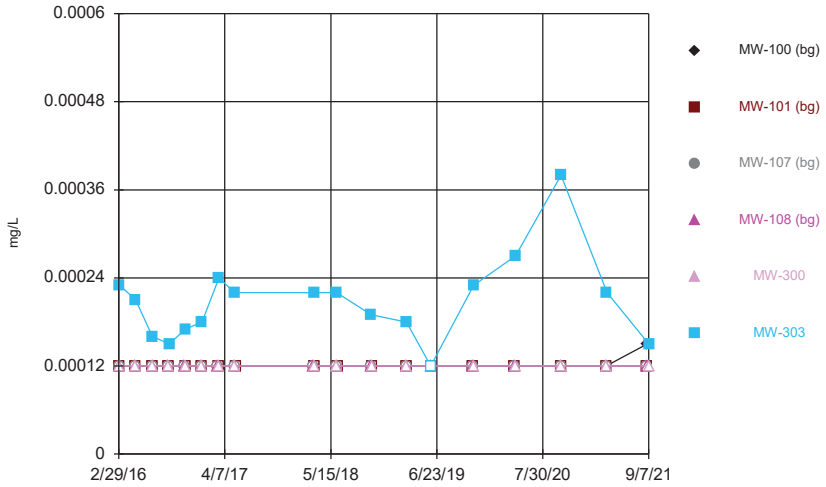
Time Series



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.

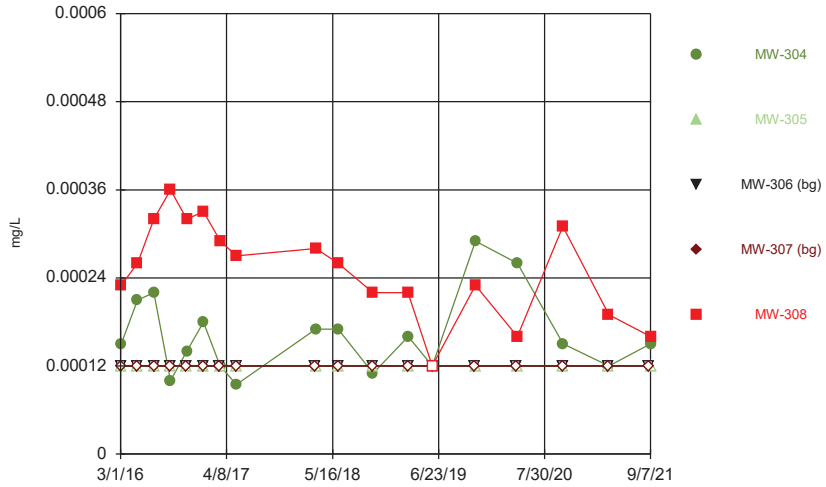
Time Series



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.

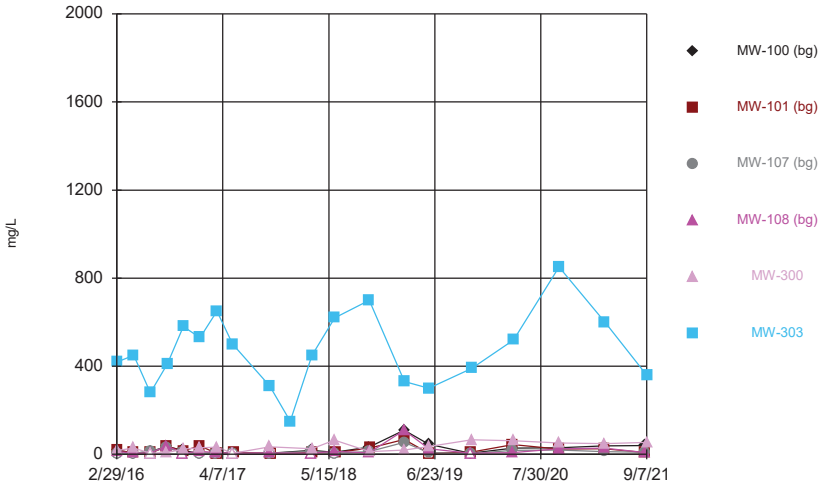
Time Series



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.

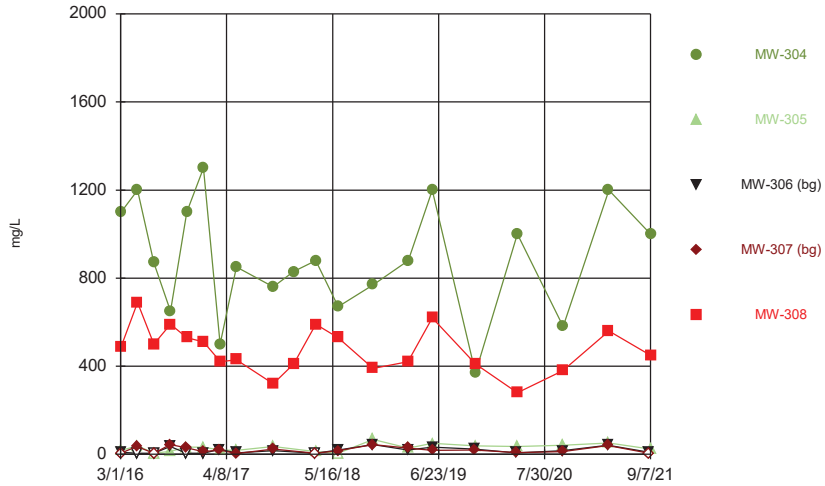
Time Series



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

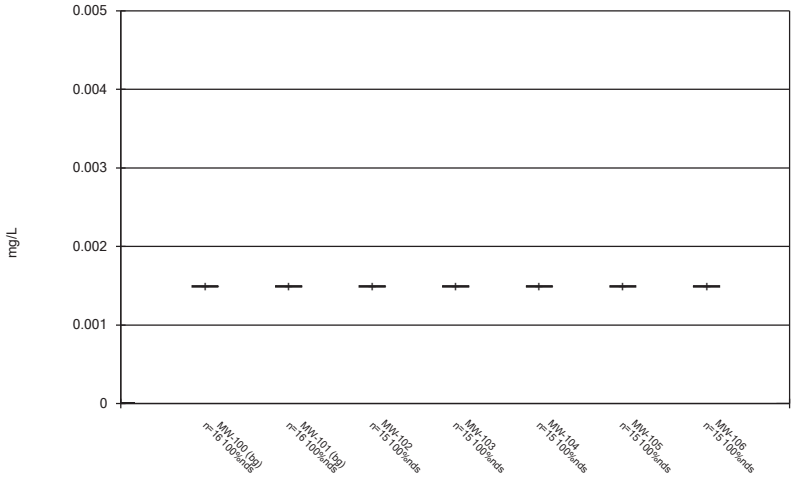
	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			10	<5	
3/3/2016	1100	18			490
5/2/2016				36	
5/3/2016			<5		
5/4/2016	1200	38			690
7/5/2016			<5	<5	
7/6/2016	870				500
7/7/2016		<5			
9/6/2016			36	44	
9/7/2016	650	14			590
11/7/2016		32	<5	30	
11/8/2016	1100				530
1/9/2017			<5	12	
1/10/2017	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

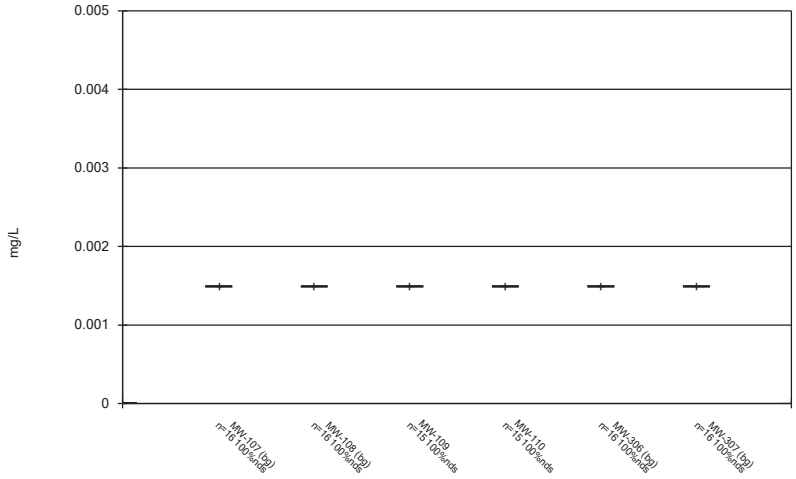
Box & Whiskers Plot



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

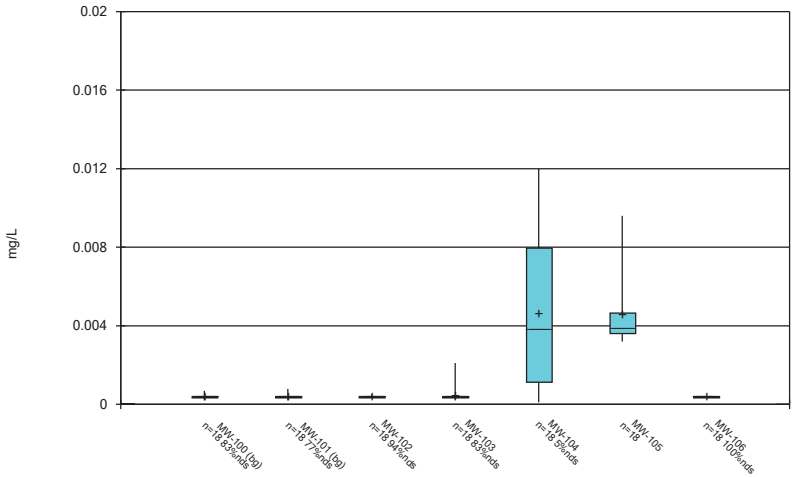
Box & Whiskers Plot



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

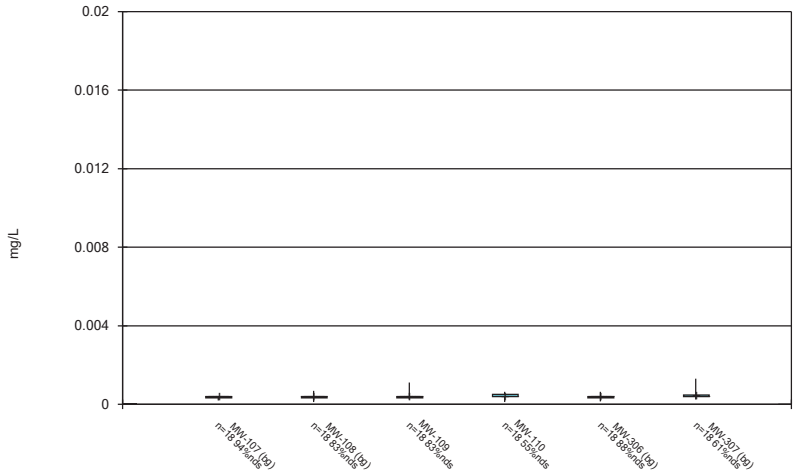
Box & Whiskers Plot



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

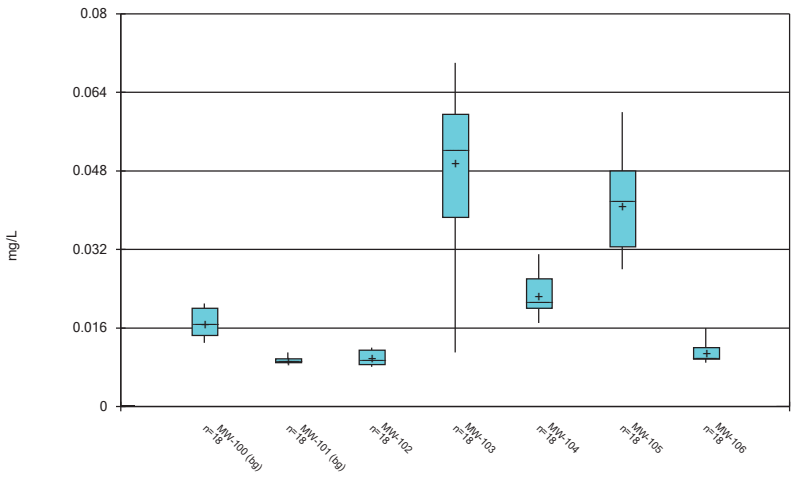
Box & Whiskers Plot



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

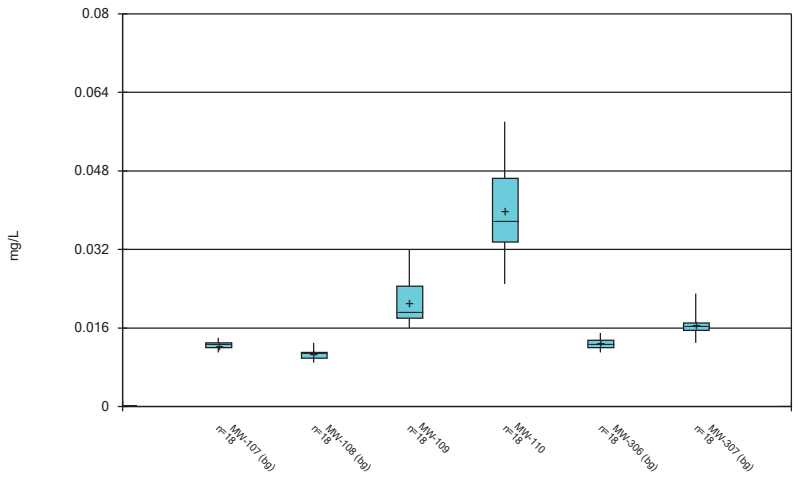
Box & Whiskers Plot



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

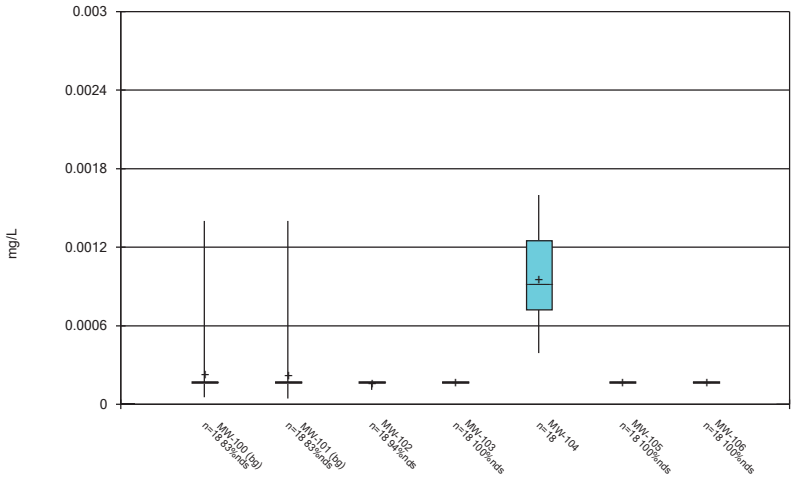
Box & Whiskers Plot



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

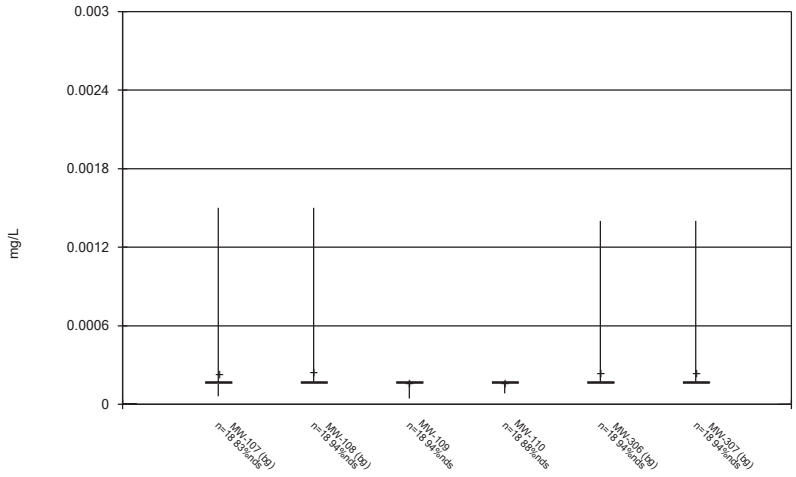
Box & Whiskers Plot



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

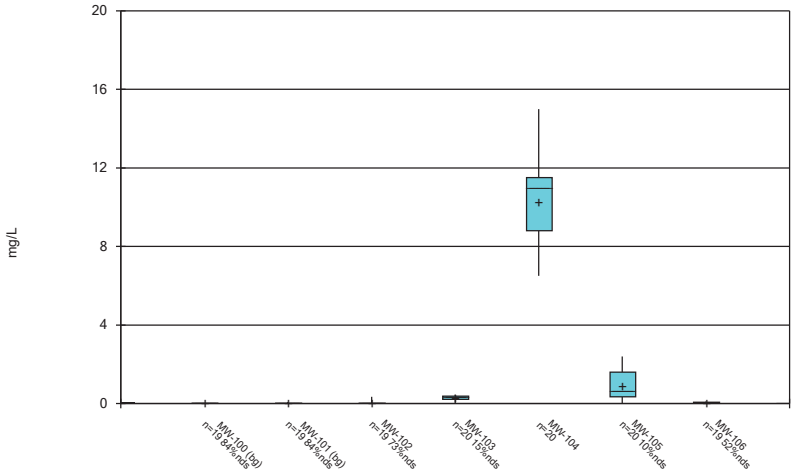
Box & Whiskers Plot



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

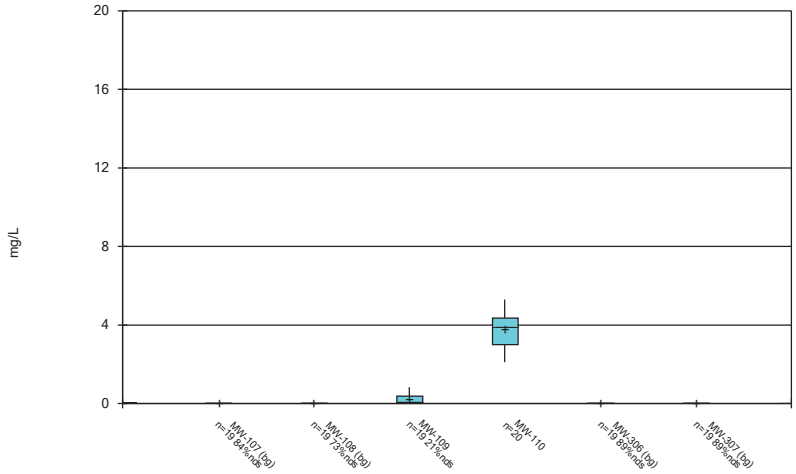
Box & Whiskers Plot



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

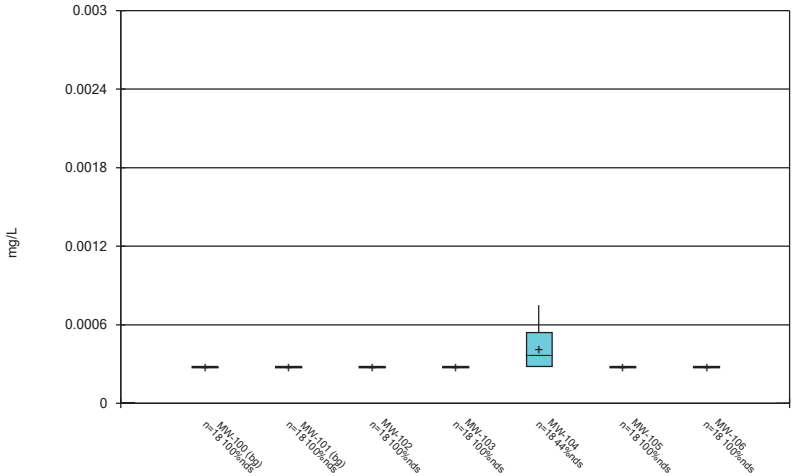
Box & Whiskers Plot



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

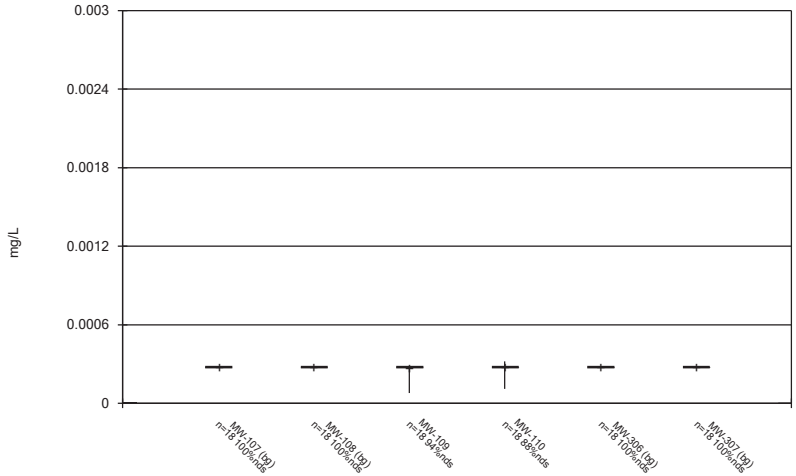
Box & Whiskers Plot



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

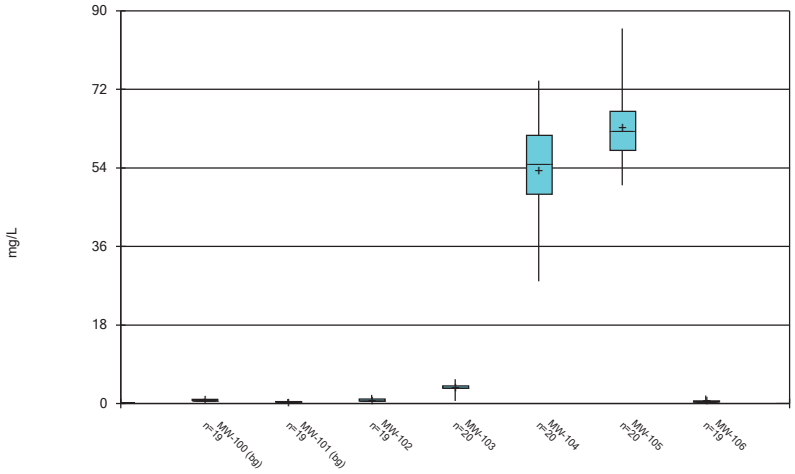
Box & Whiskers Plot



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

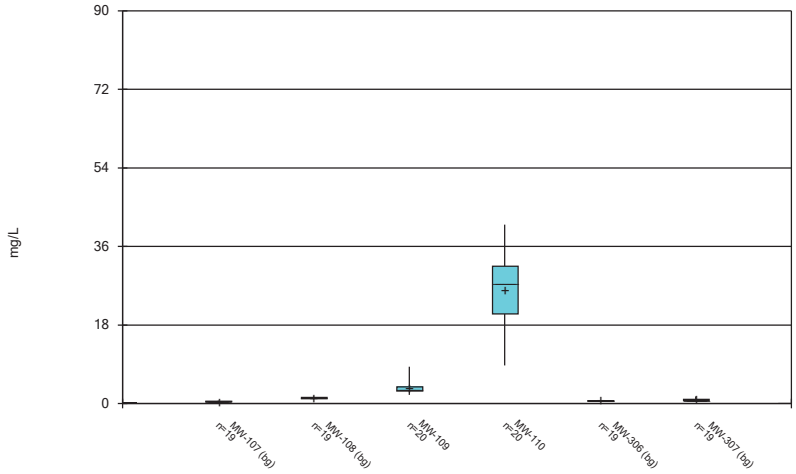
Box & Whiskers Plot



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

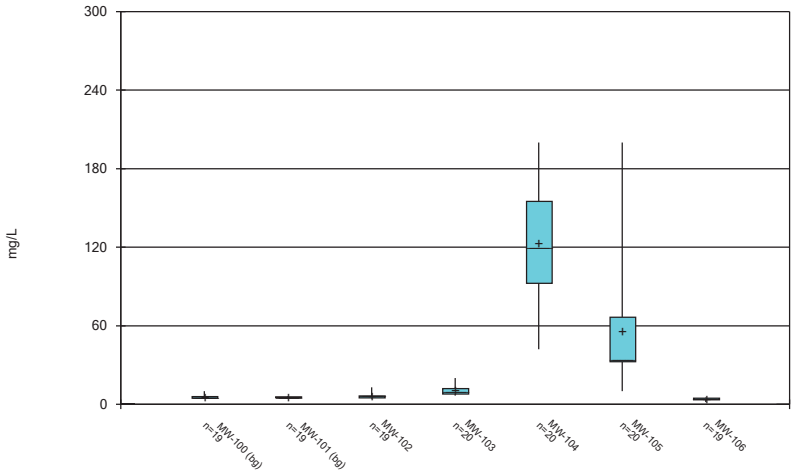
Box & Whiskers Plot



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

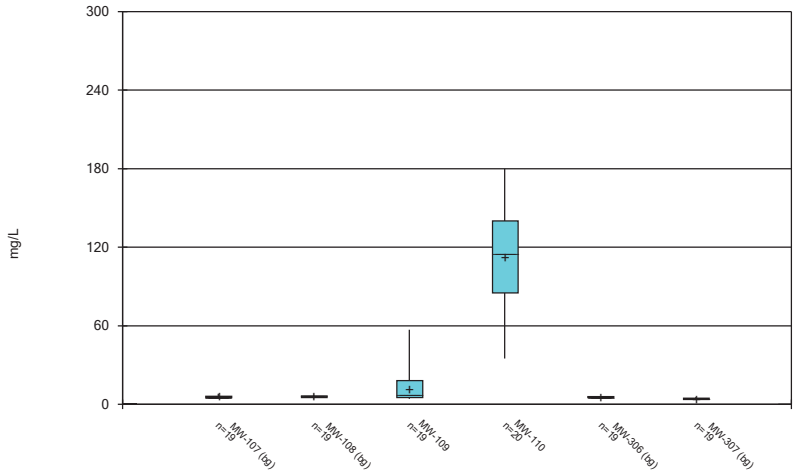
Box & Whiskers Plot



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

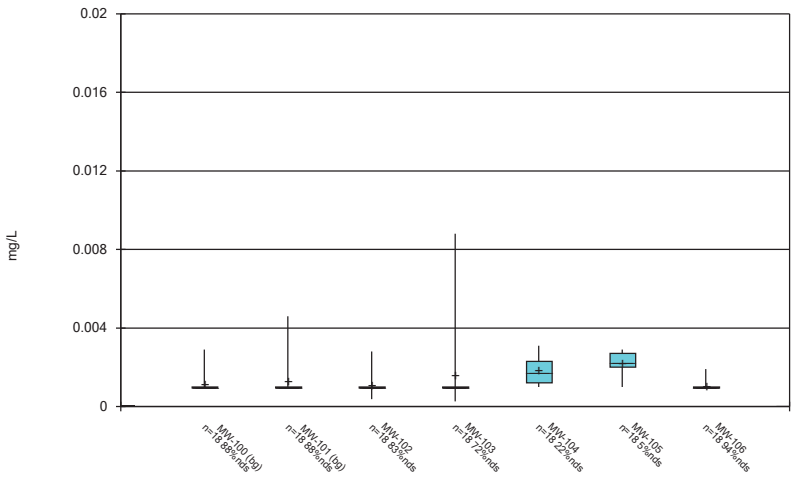
Box & Whiskers Plot



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

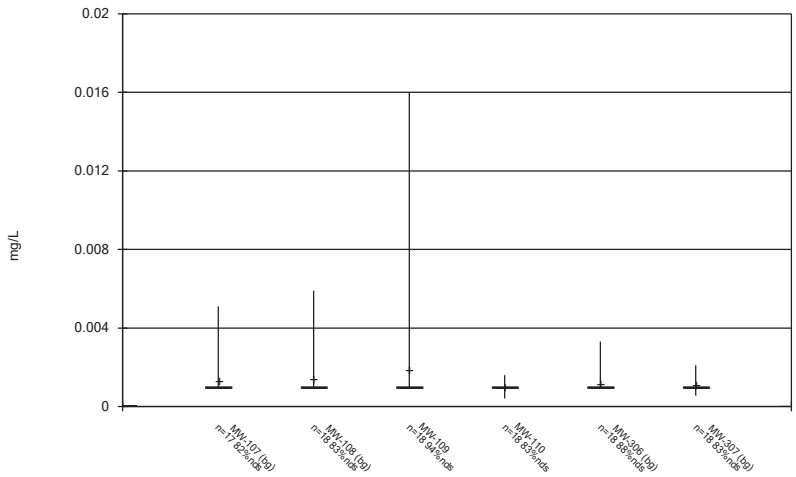
Box & Whiskers Plot



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

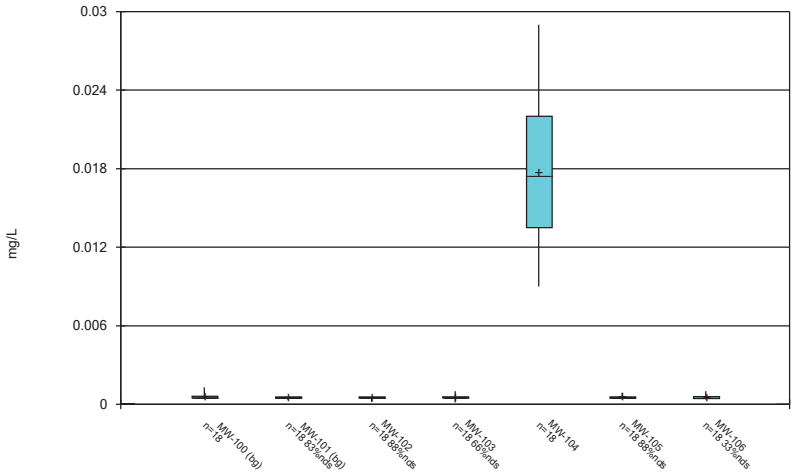
Box & Whiskers Plot



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

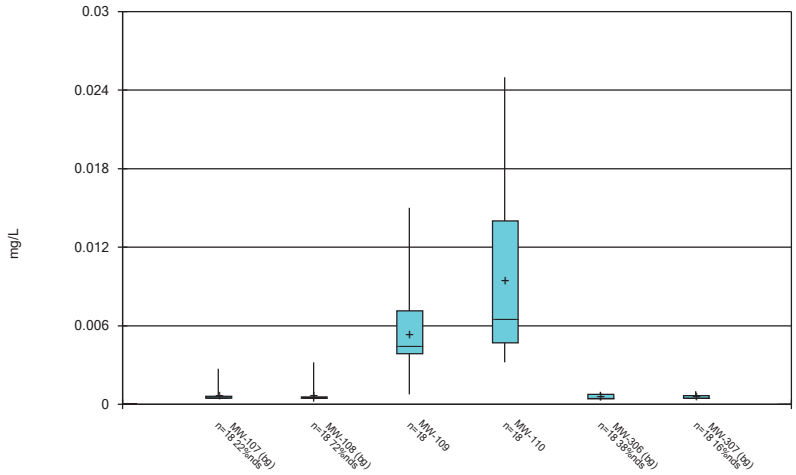
Box & Whiskers Plot



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

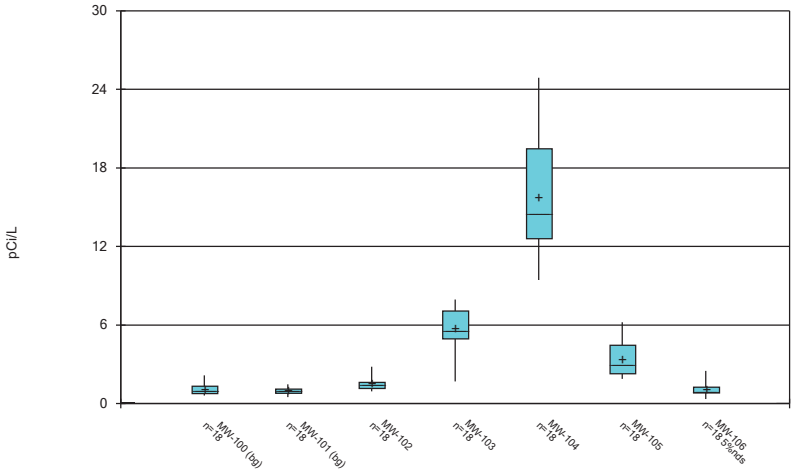
Box & Whiskers Plot



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

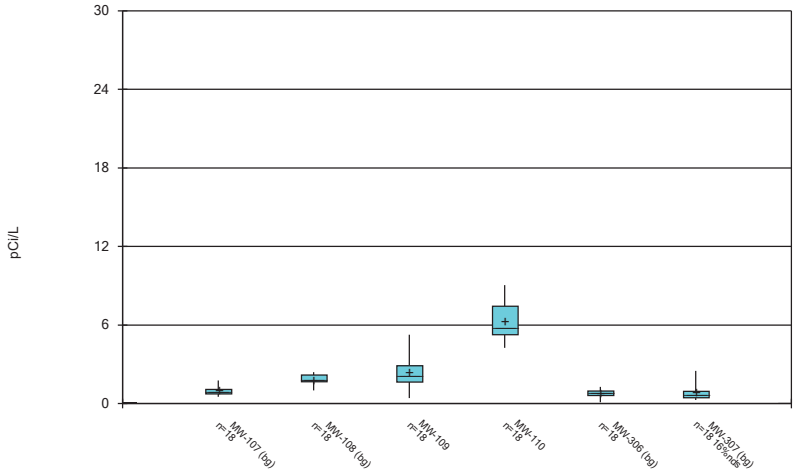
Box & Whiskers Plot



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

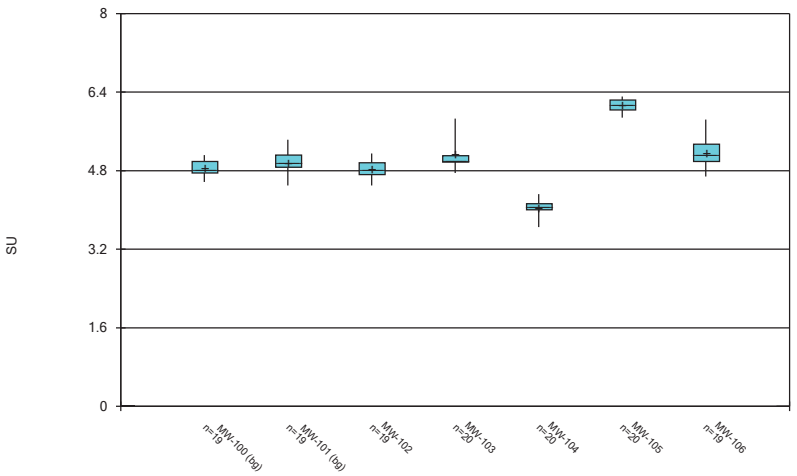
Box & Whiskers Plot



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

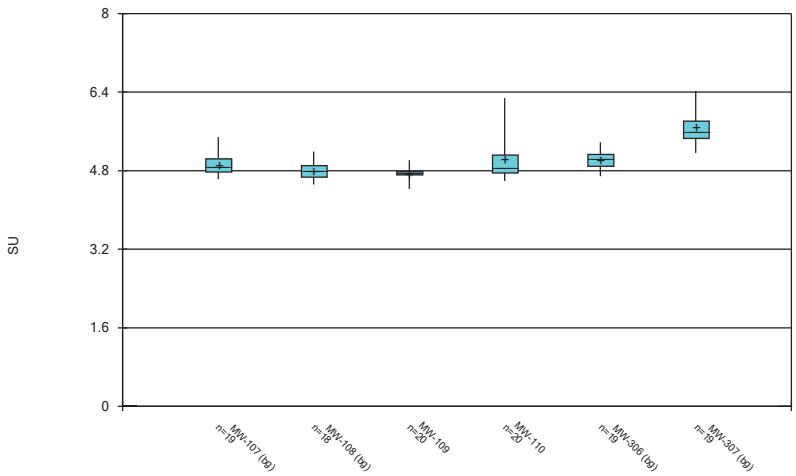
Box & Whiskers Plot



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

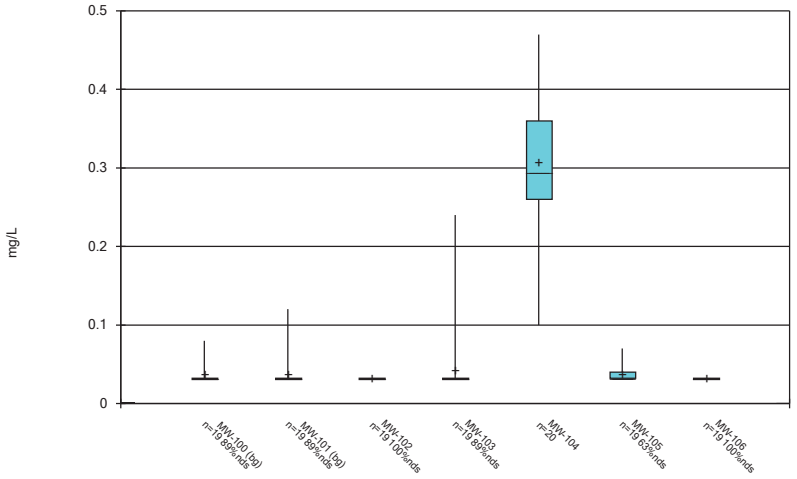
Box & Whiskers Plot



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

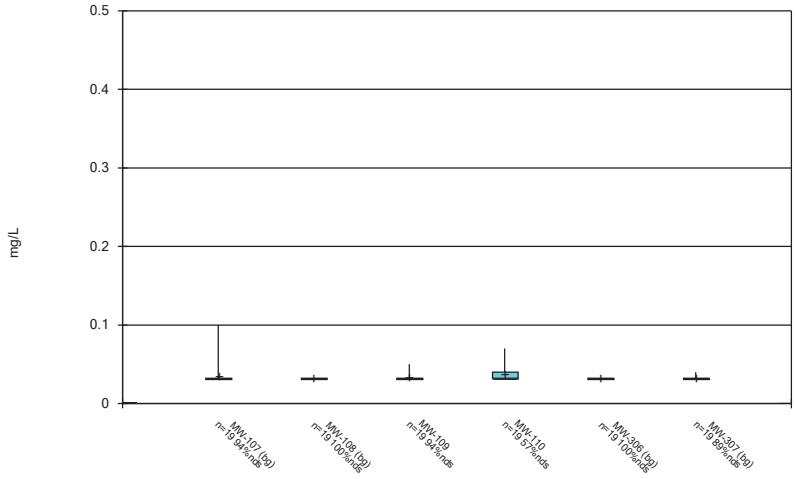
Box & Whiskers Plot



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

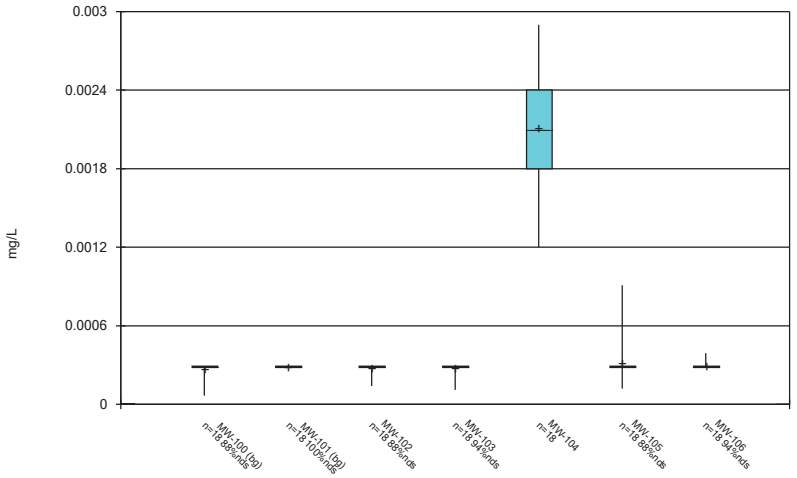
Box & Whiskers Plot



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

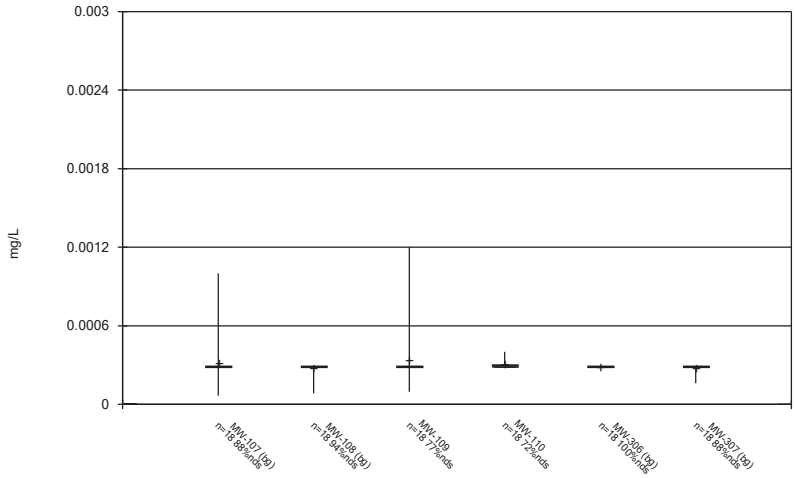
Box & Whiskers Plot



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

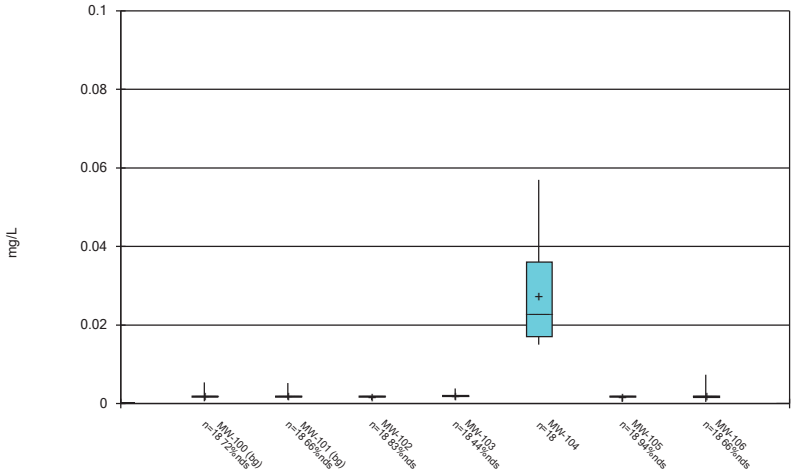
Sanitas™ v.9.6.32 . UG

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

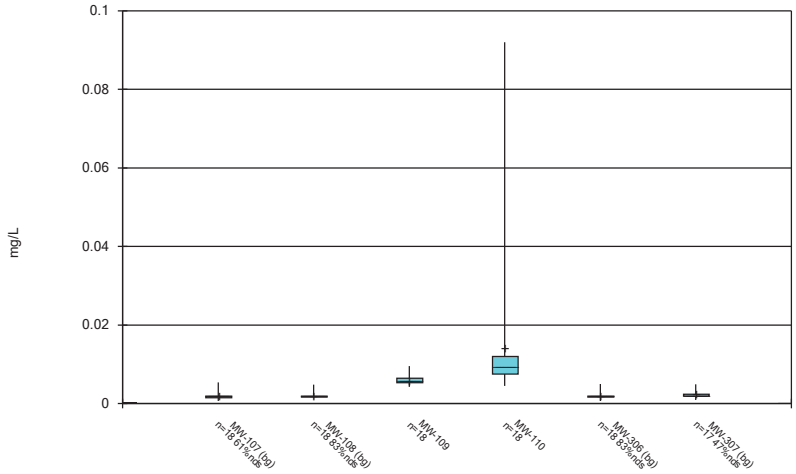
Box & Whiskers Plot



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

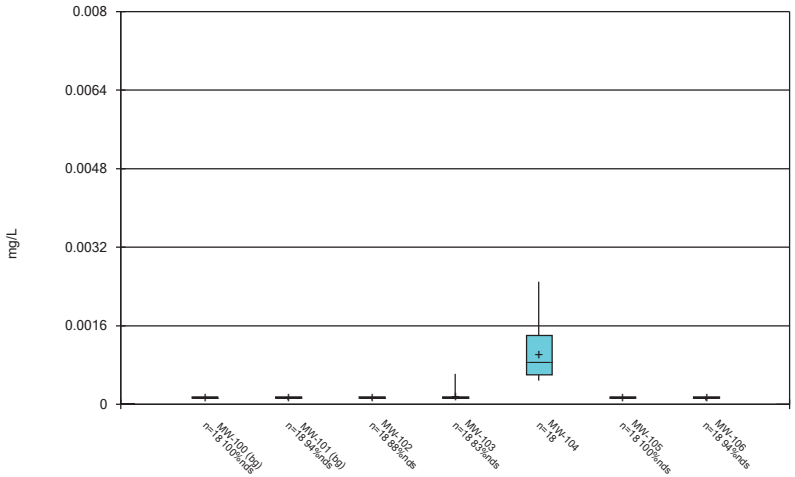
Box & Whiskers Plot



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

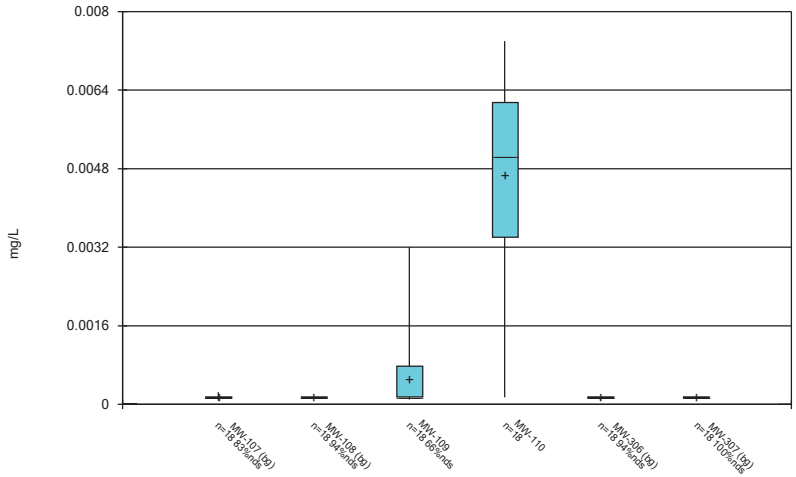
Box & Whiskers Plot



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

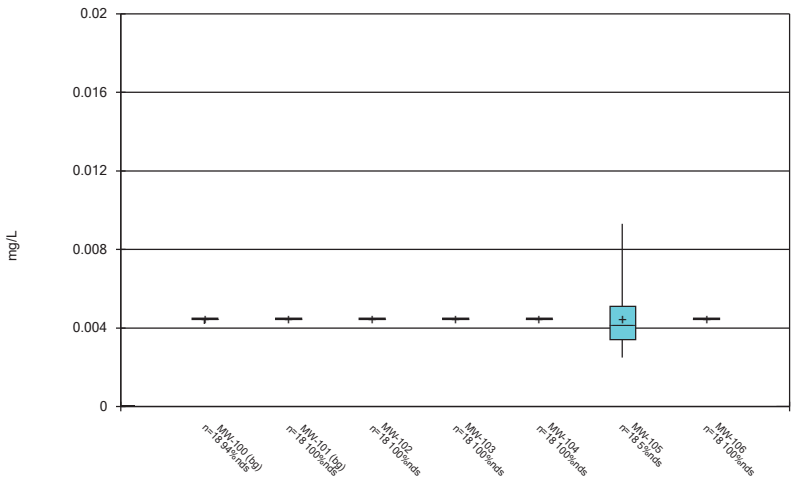
Box & Whiskers Plot



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

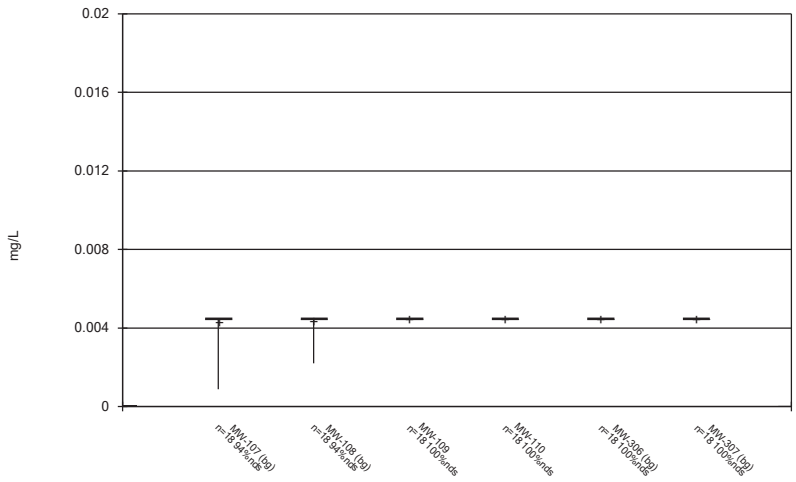
Box & Whiskers Plot



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

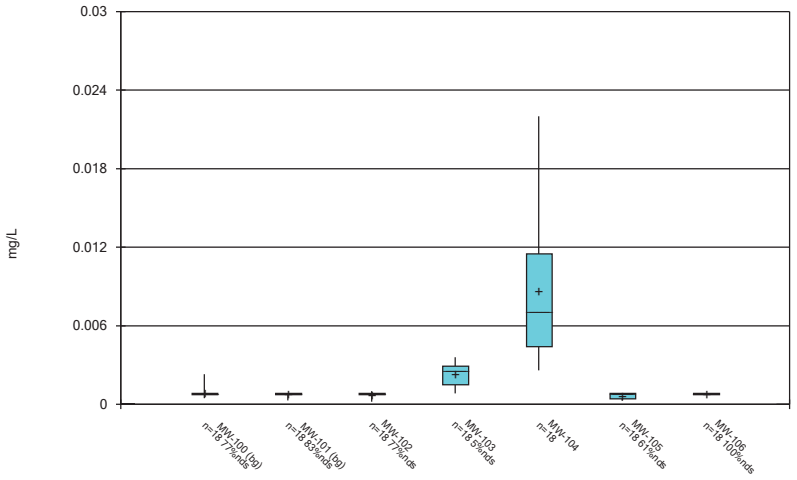
Box & Whiskers Plot



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

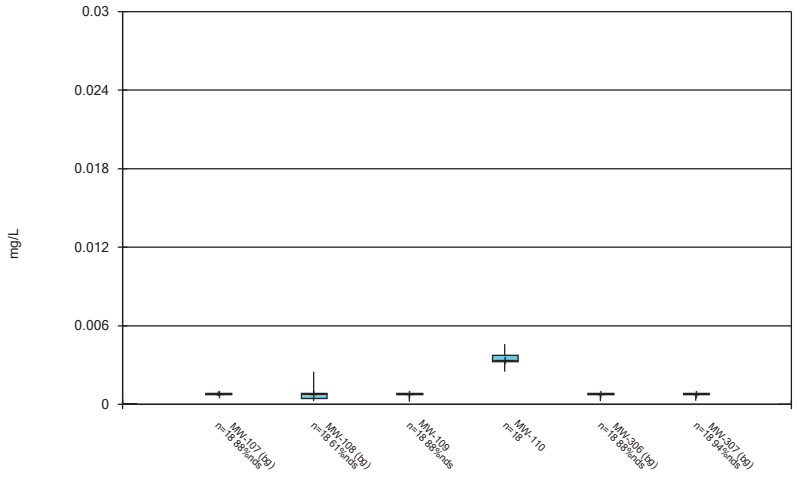
Box & Whiskers Plot



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

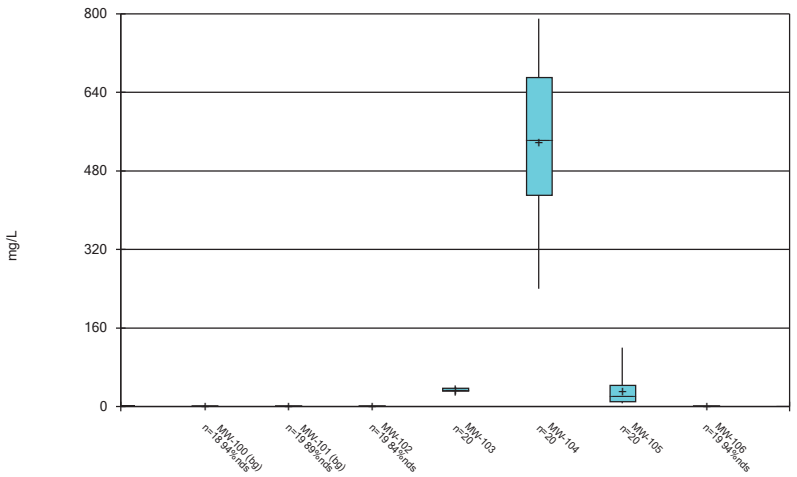
Box & Whiskers Plot



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

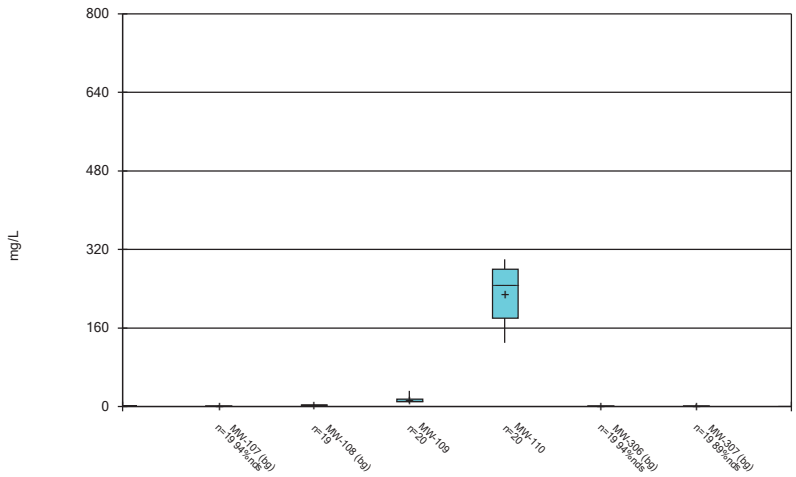
Box & Whiskers Plot



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

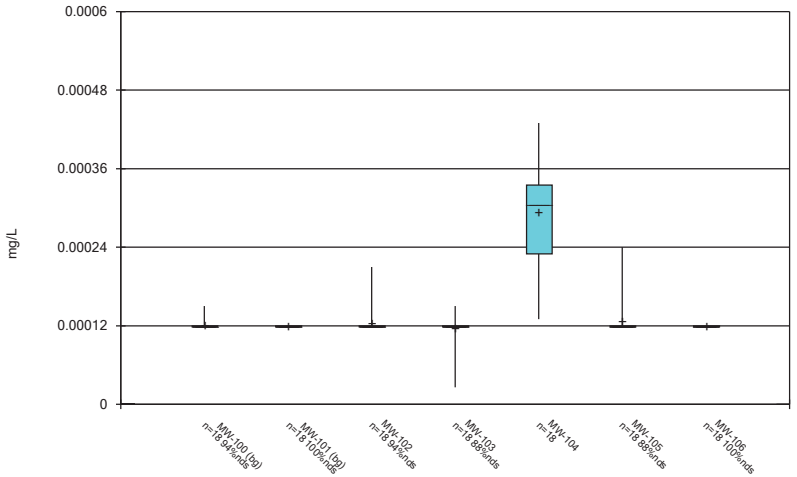
Box & Whiskers Plot



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

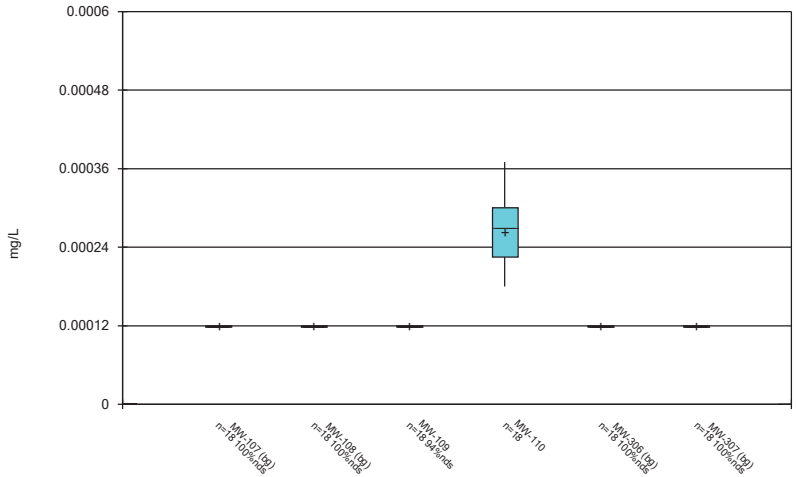
Box & Whiskers Plot



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

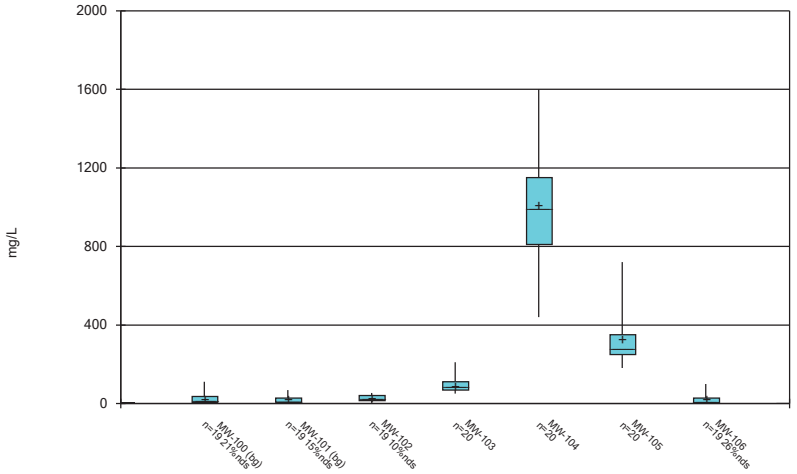
Sanitas™ v.9.6.32 . UG

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

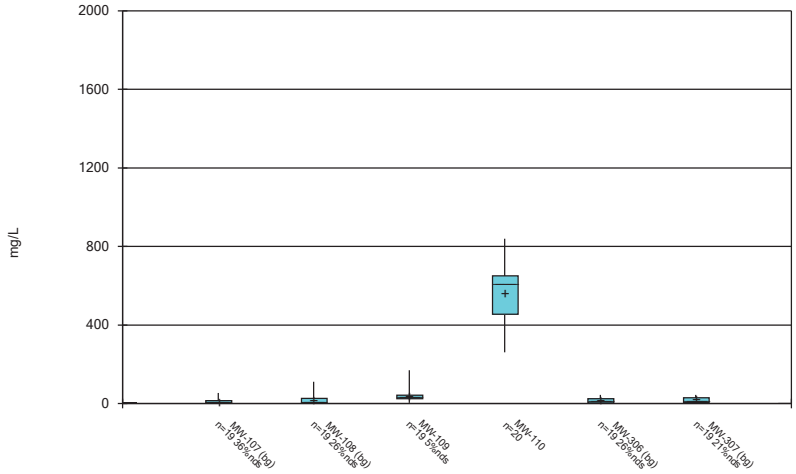
Box & Whiskers Plot



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

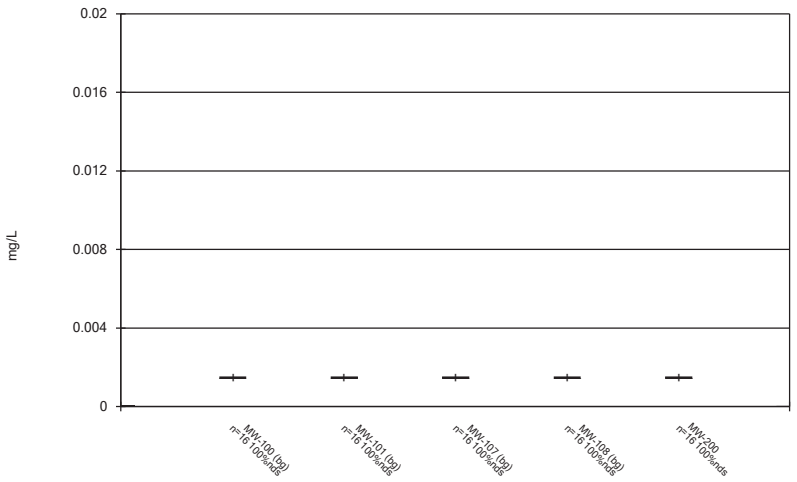


Constituent: Total Dissolved Solids Analysis Run 12/15/2021 6:12 AM View: 100 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

200 Series

Sanitas™ v.9.6.32 . UG

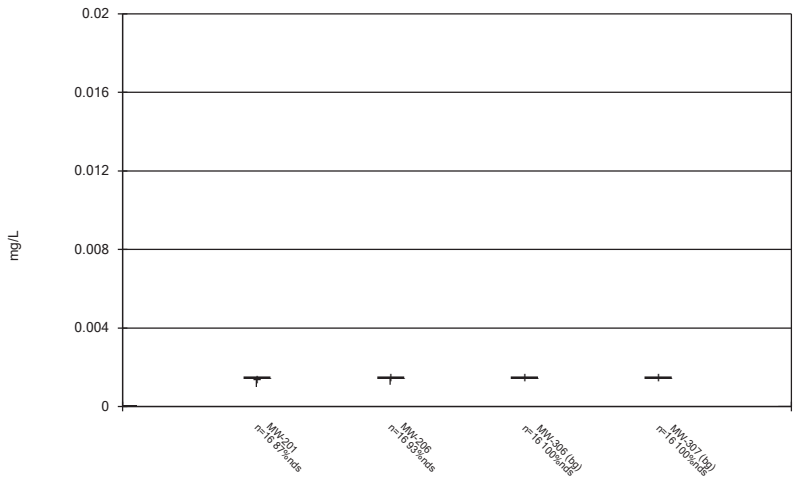
Box & Whiskers Plot



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

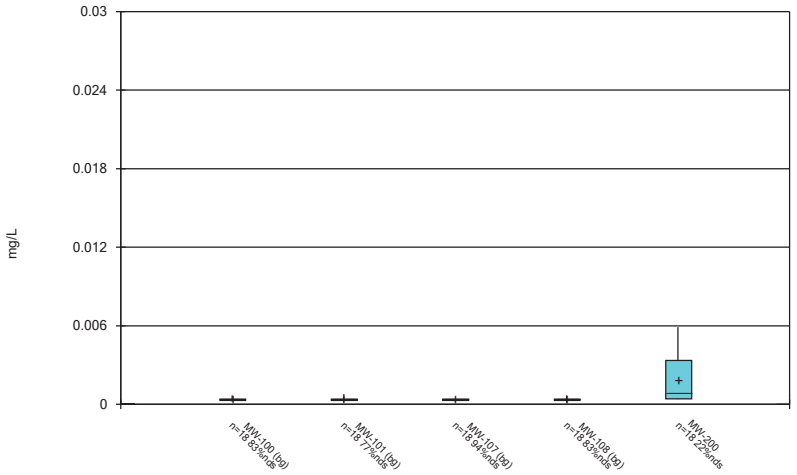
Box & Whiskers Plot



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

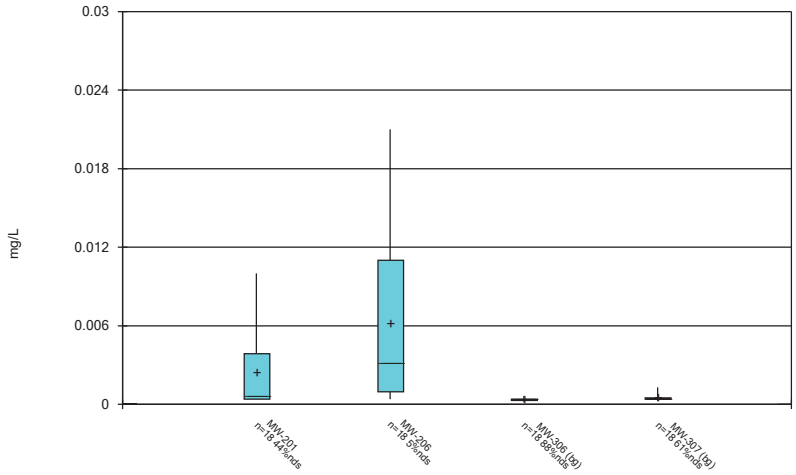
Box & Whiskers Plot



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

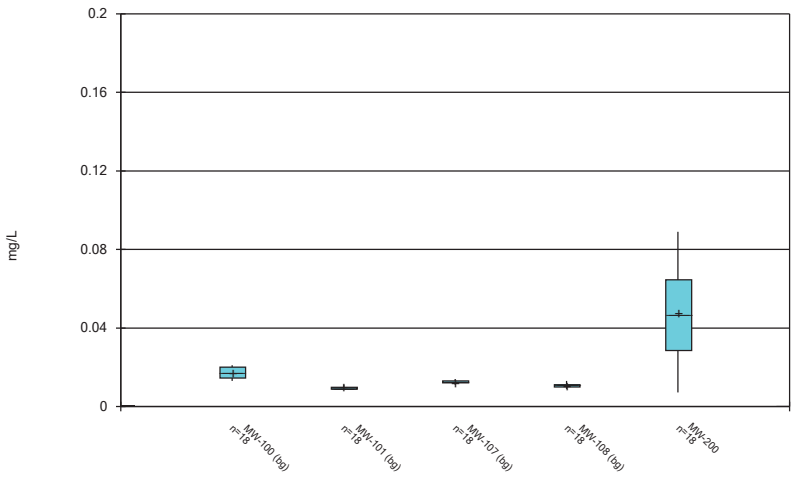
Box & Whiskers Plot



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

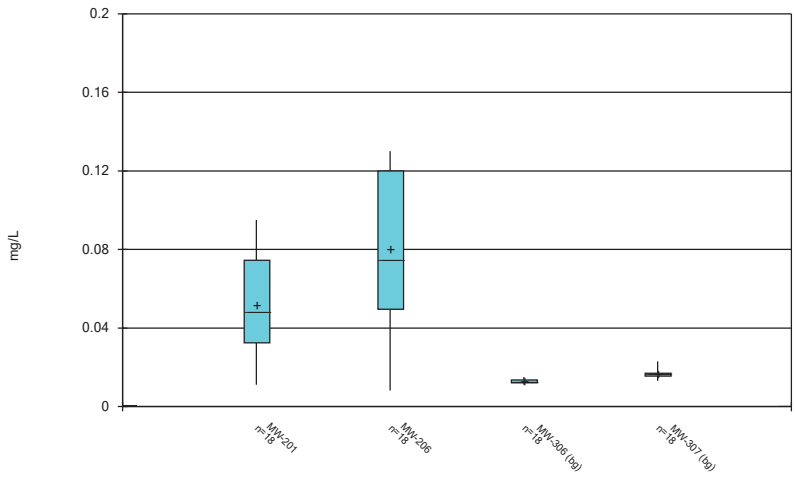
Box & Whiskers Plot



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

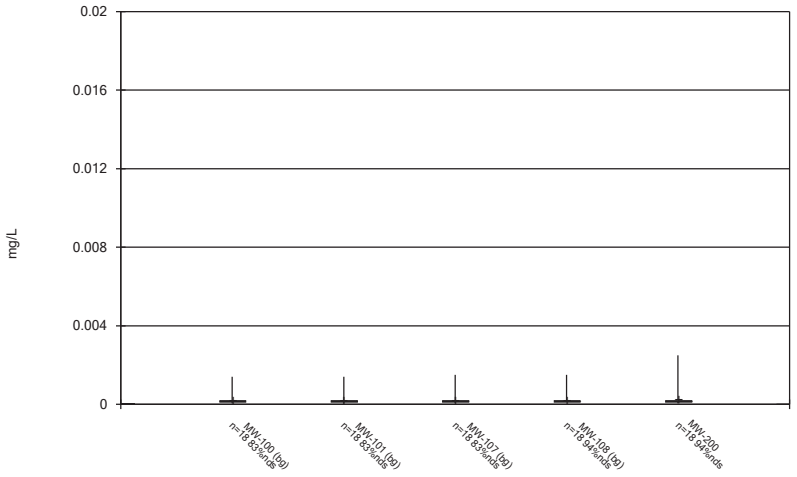
Box & Whiskers Plot



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

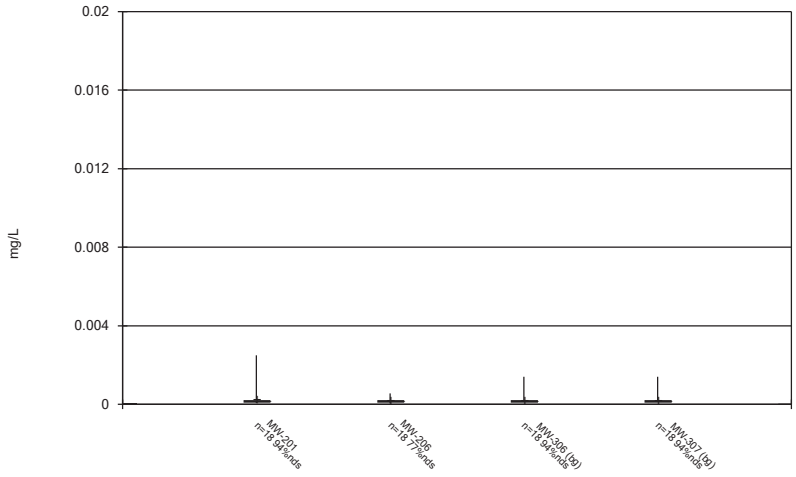
Box & Whiskers Plot



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

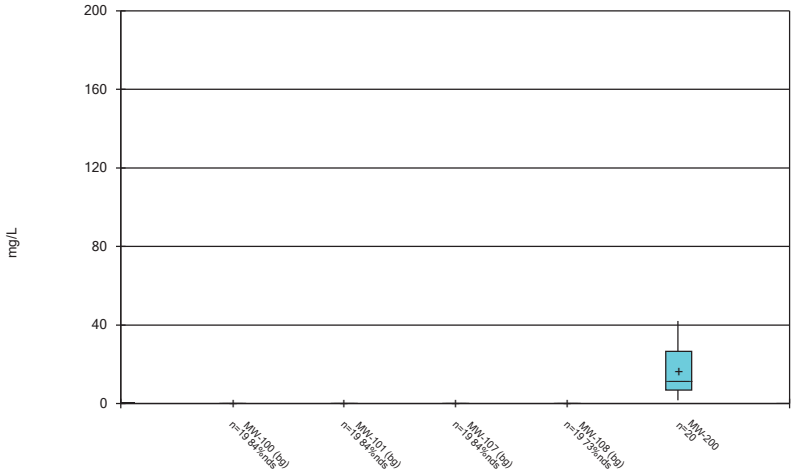
Box & Whiskers Plot



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

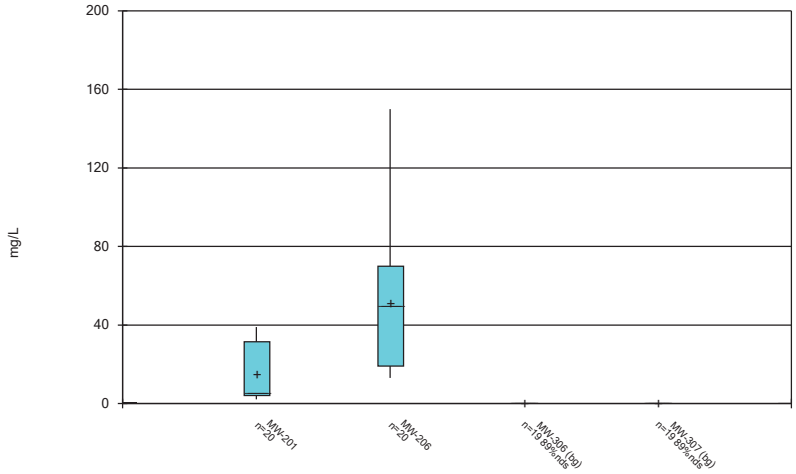
Box & Whiskers Plot



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

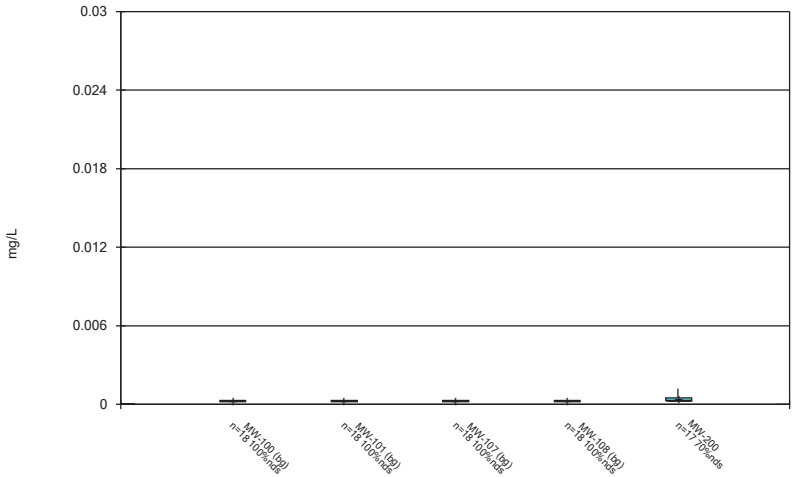
Box & Whiskers Plot



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

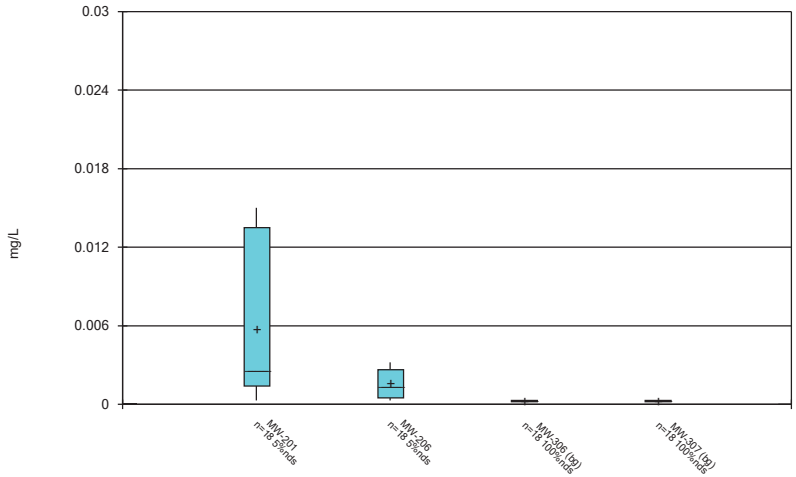
Box & Whiskers Plot



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

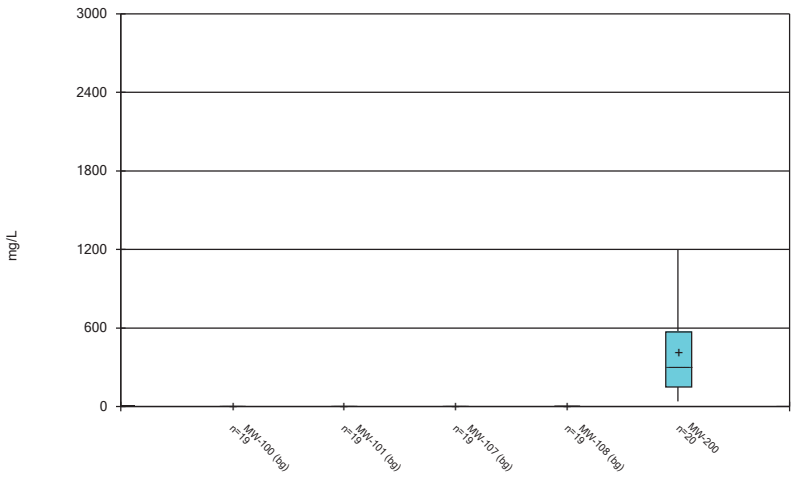
Box & Whiskers Plot



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

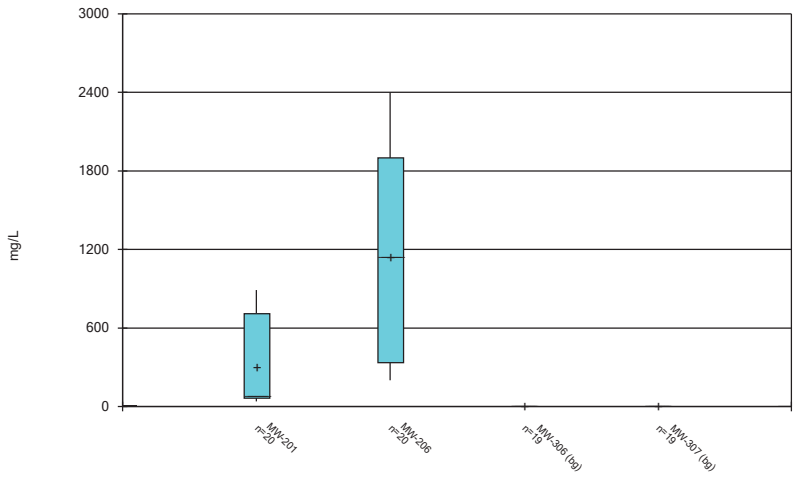
Box & Whiskers Plot



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

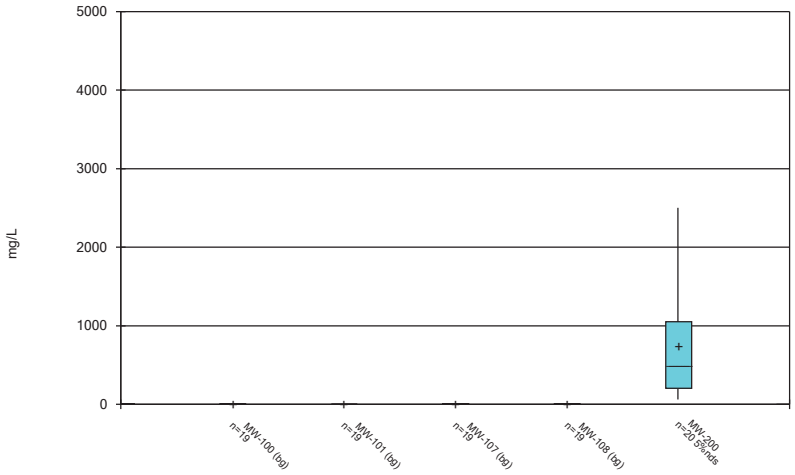
Box & Whiskers Plot



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

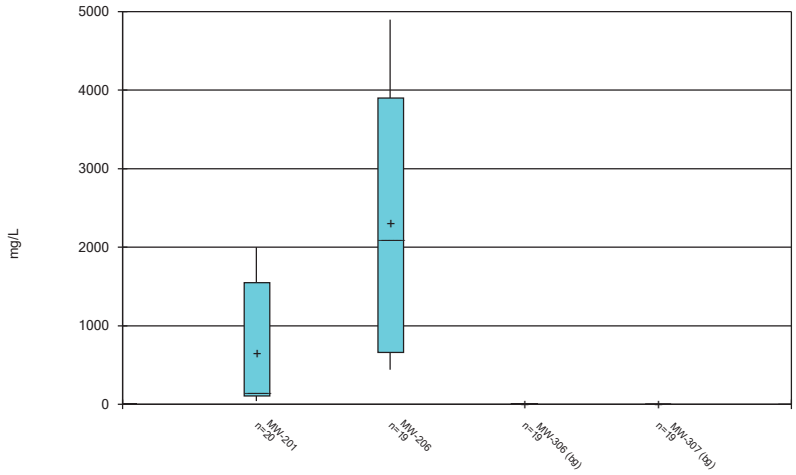
Box & Whiskers Plot



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

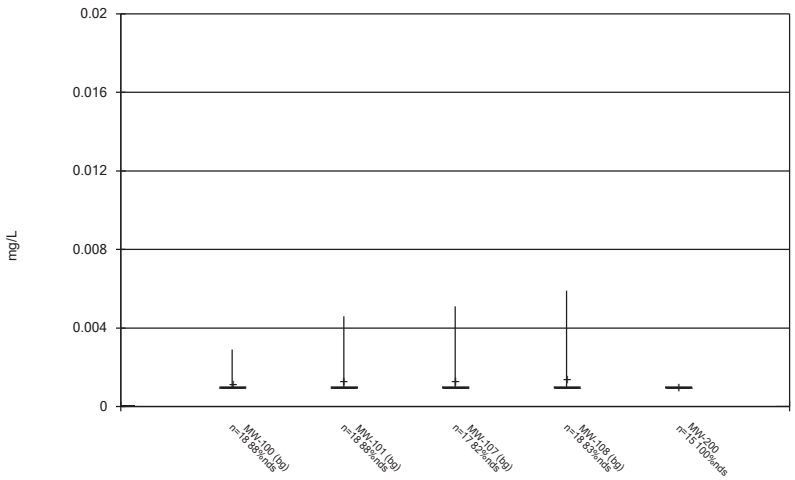
Box & Whiskers Plot



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

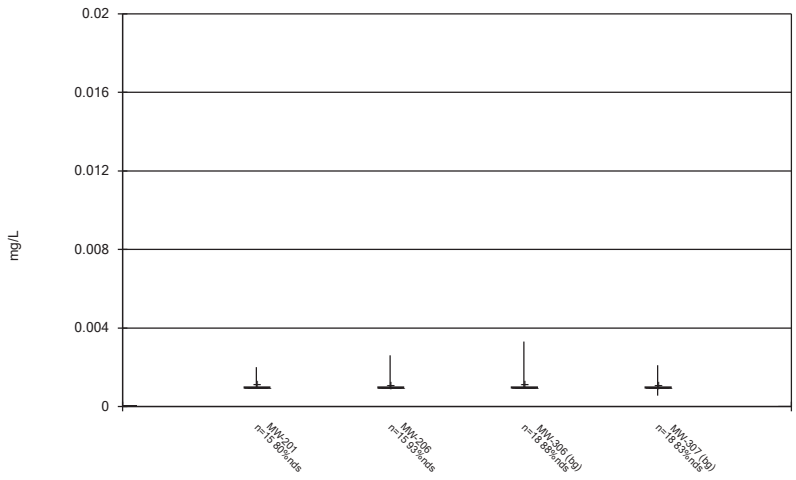
Box & Whiskers Plot



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

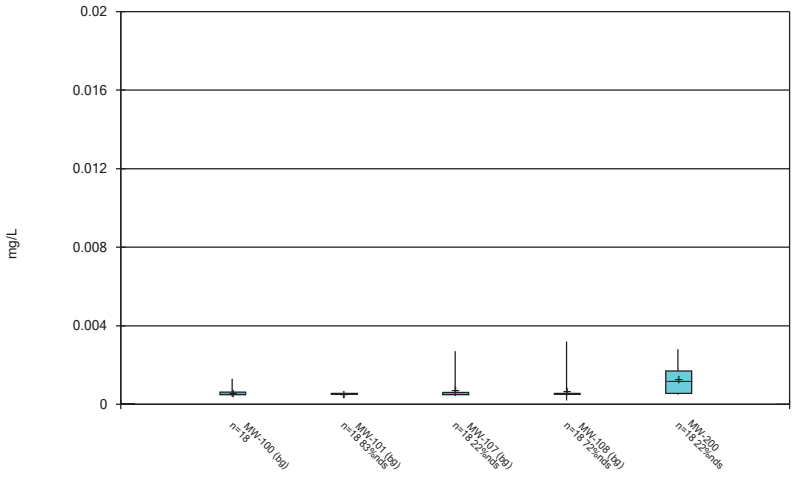
Box & Whiskers Plot



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

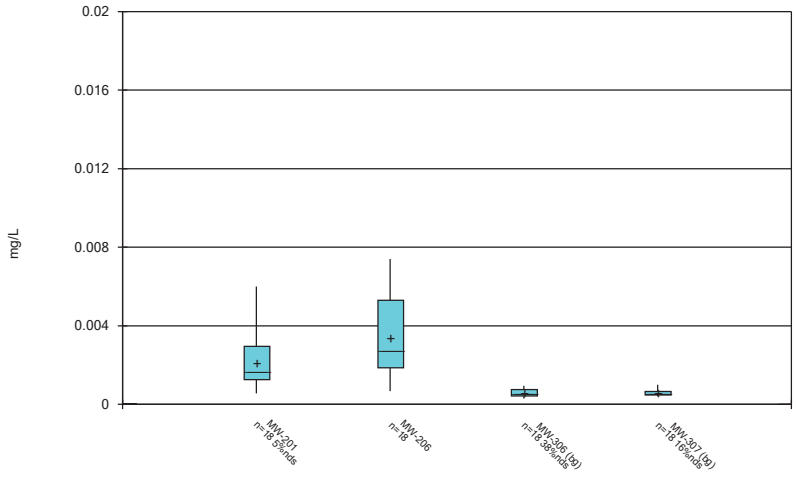
Box & Whiskers Plot



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

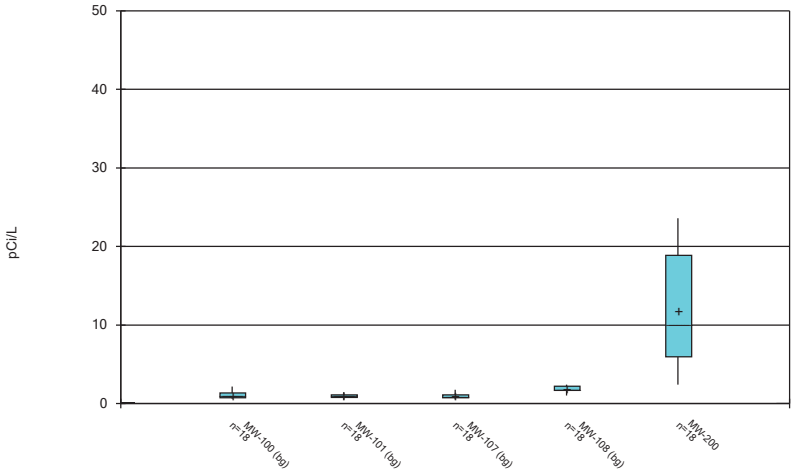
Box & Whiskers Plot



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

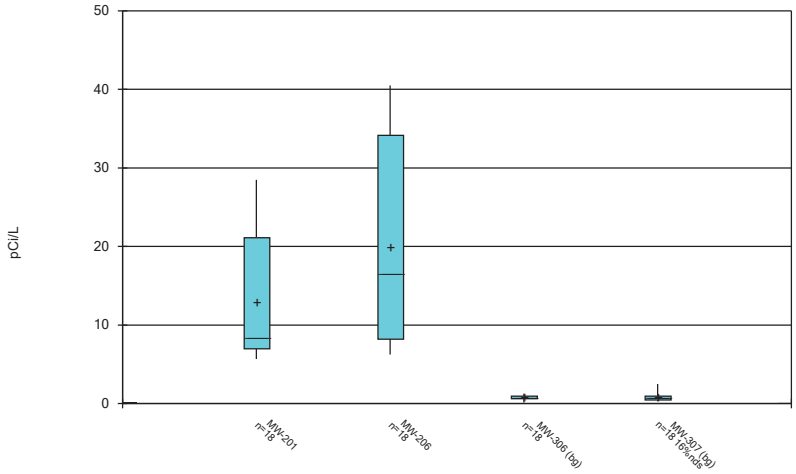
Box & Whiskers Plot



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

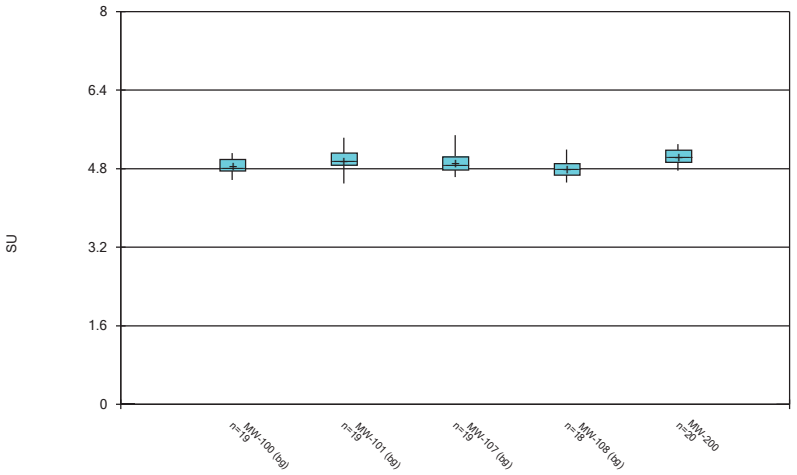
Box & Whiskers Plot



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

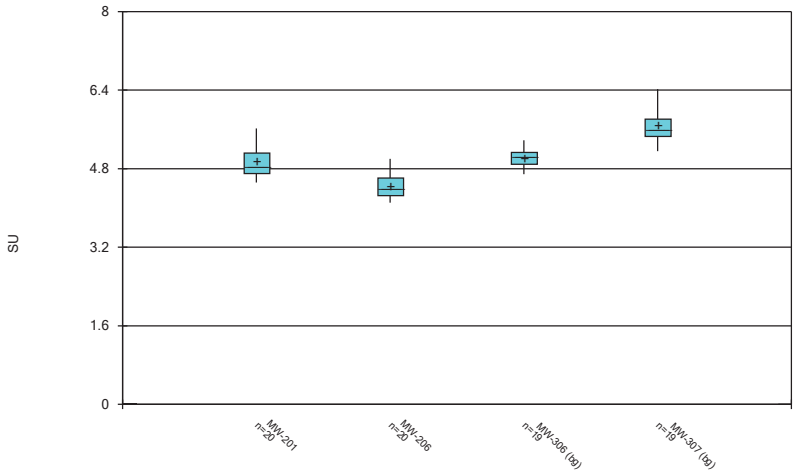
Box & Whiskers Plot



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

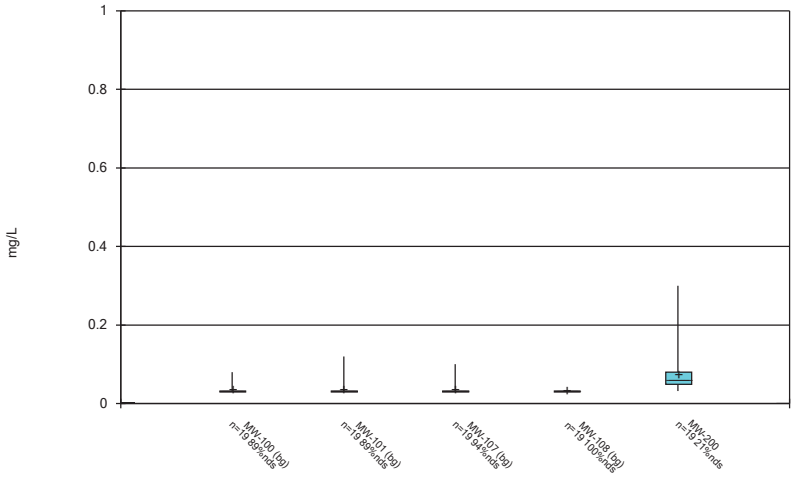
Box & Whiskers Plot



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

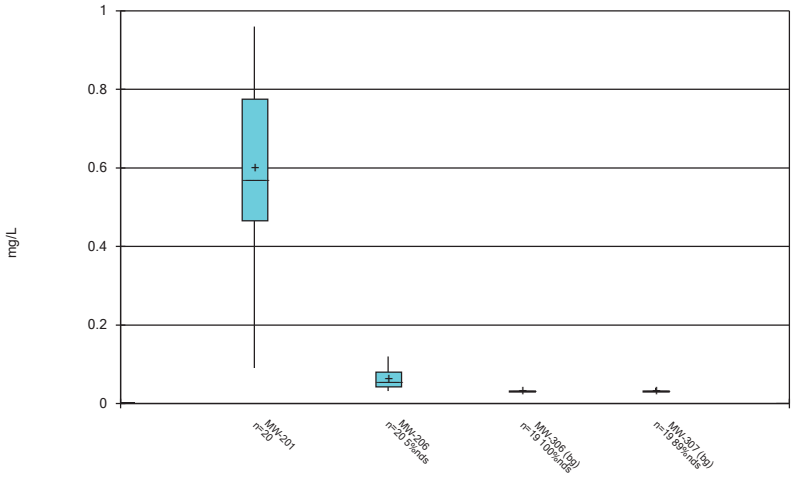
Box & Whiskers Plot



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

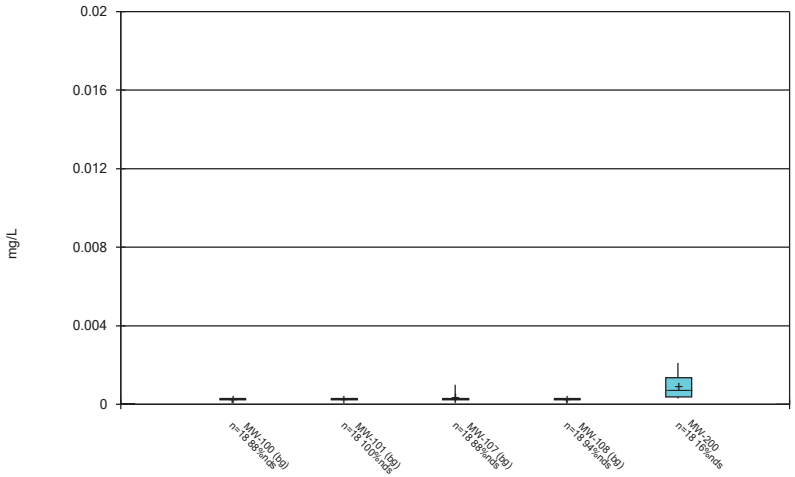
Box & Whiskers Plot



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

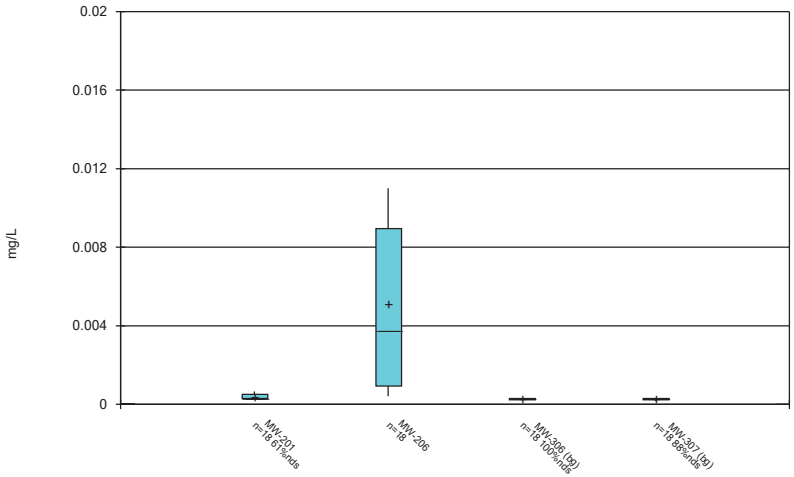
Box & Whiskers Plot



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

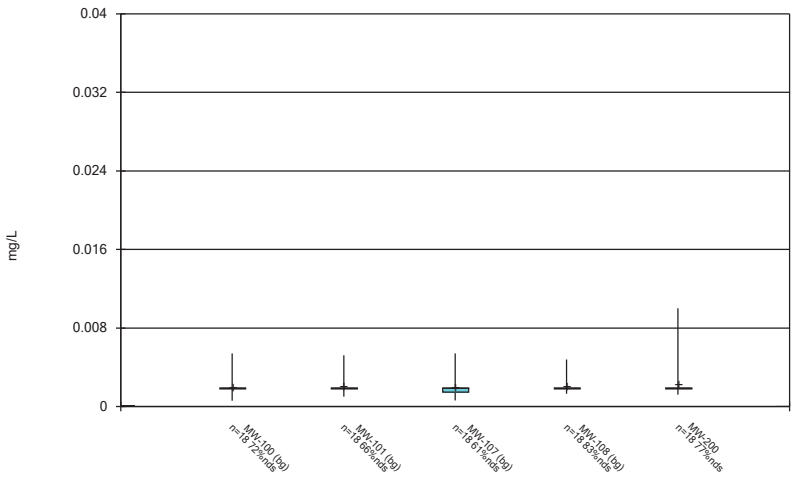
Box & Whiskers Plot



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

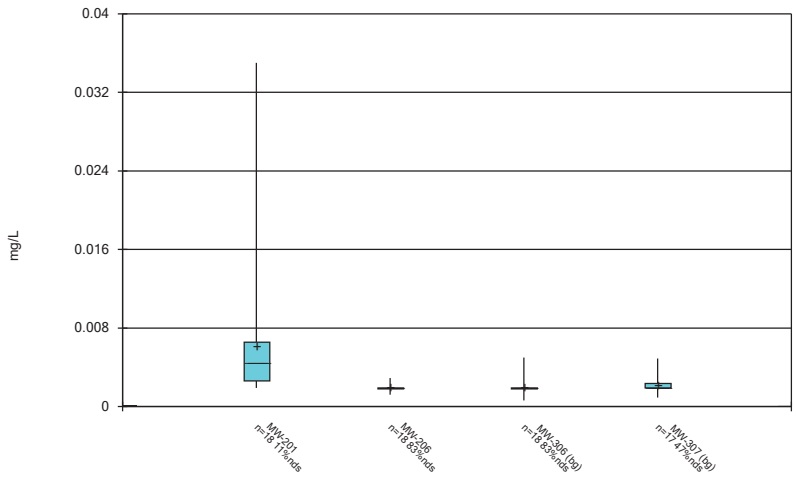
Box & Whiskers Plot



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

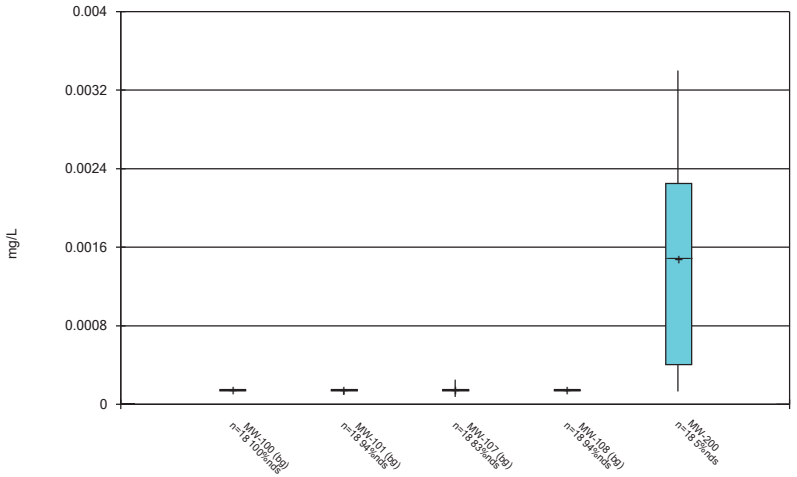
Box & Whiskers Plot



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

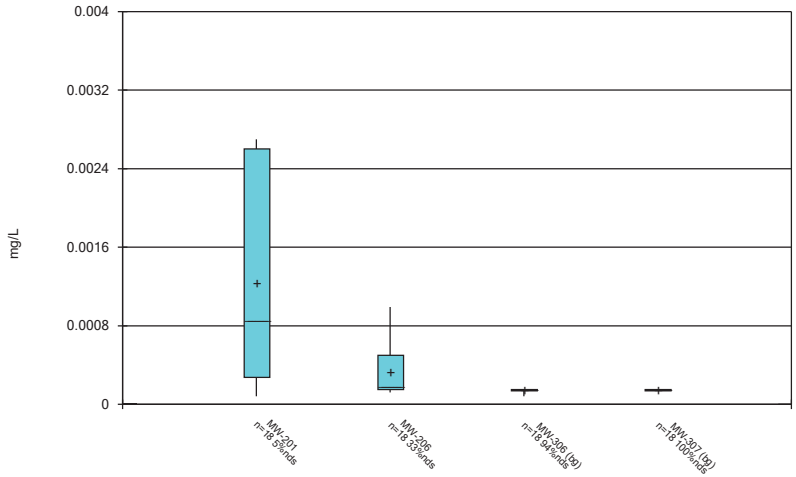
Box & Whiskers Plot



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

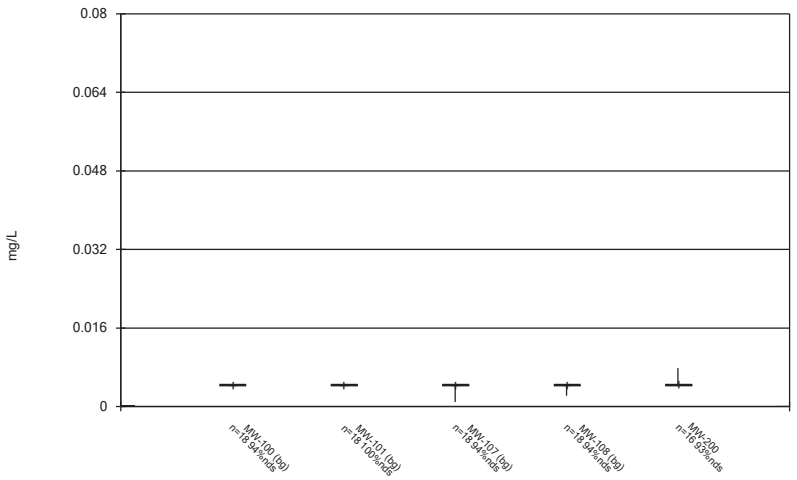
Box & Whiskers Plot



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

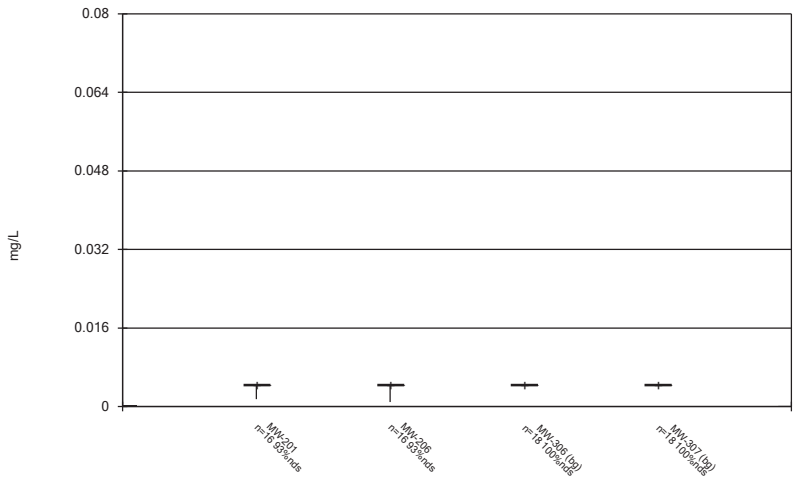
Box & Whiskers Plot



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

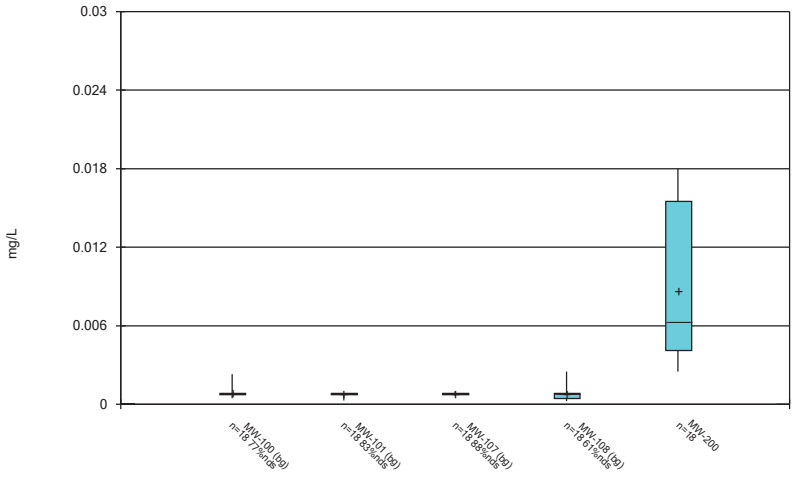
Box & Whiskers Plot



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

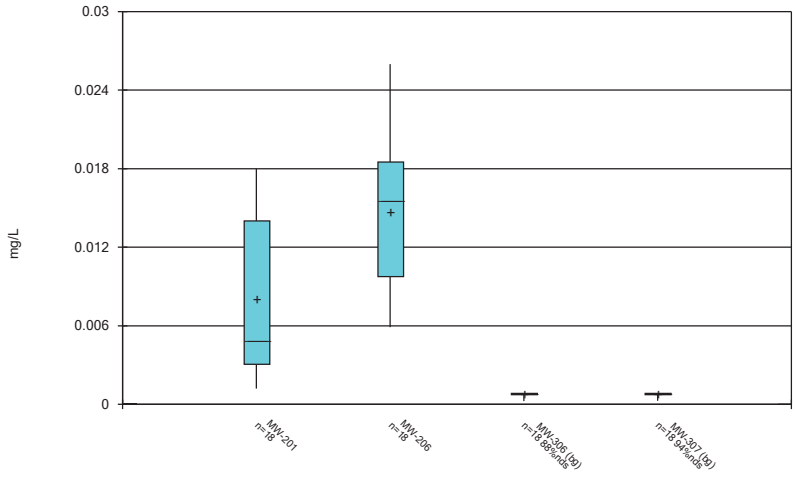
Box & Whiskers Plot



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

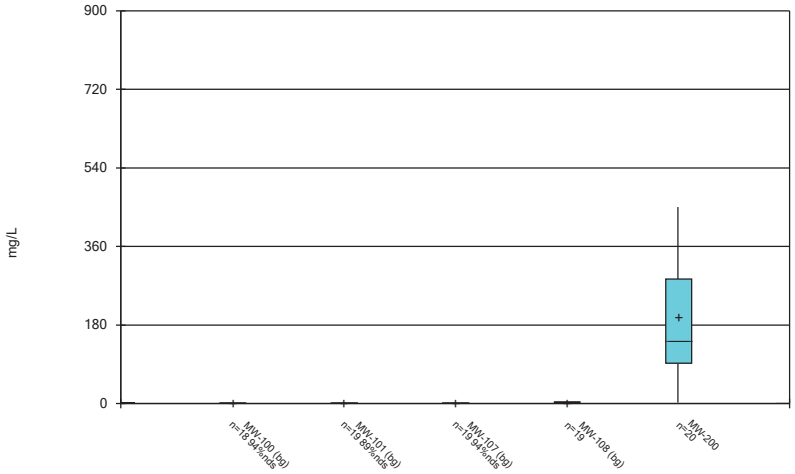
Box & Whiskers Plot



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

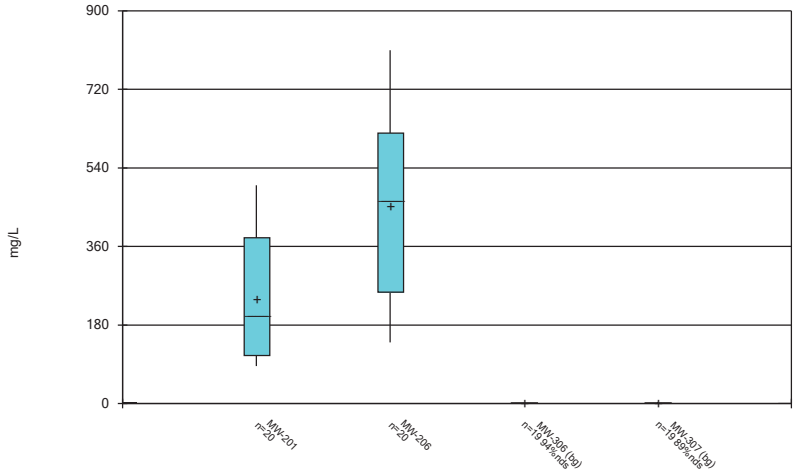
Box & Whiskers Plot



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

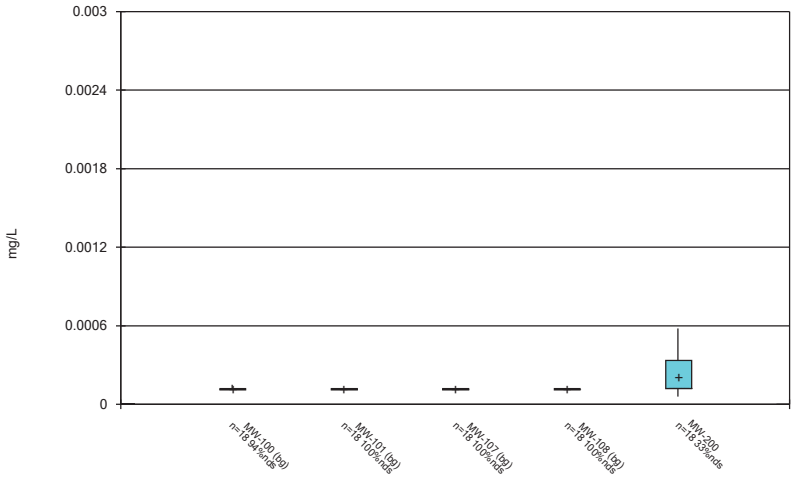
Box & Whiskers Plot



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

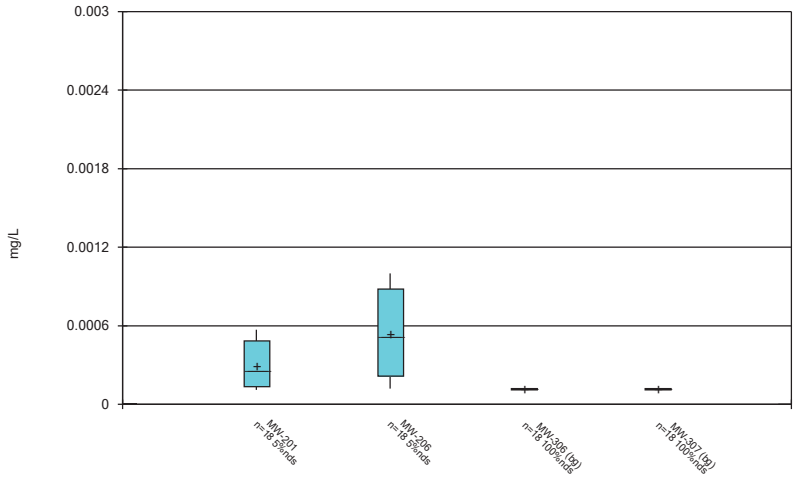
Box & Whiskers Plot



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

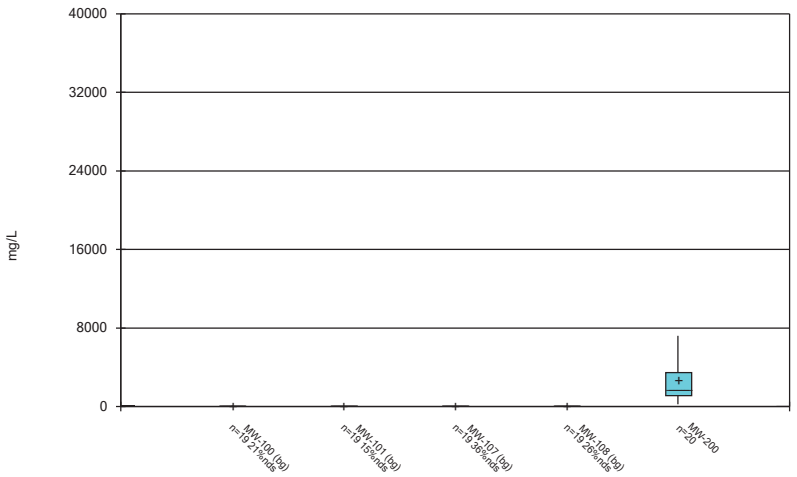
Sanitas™ v.9.6.32 . UG

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

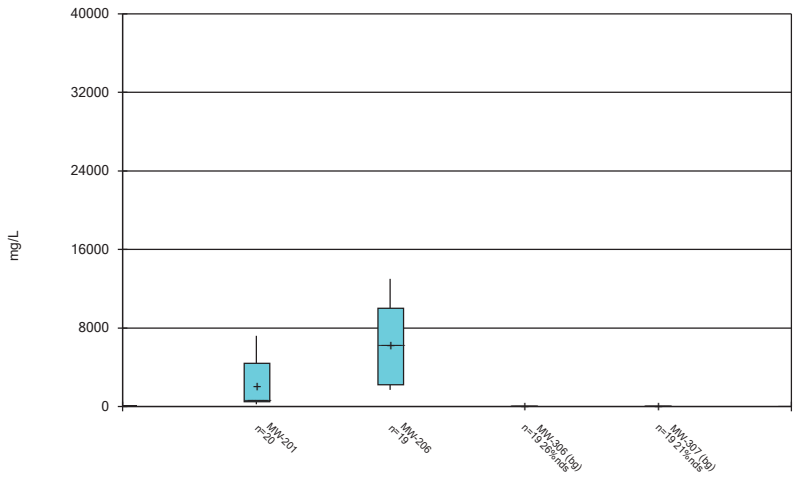
Box & Whiskers Plot



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

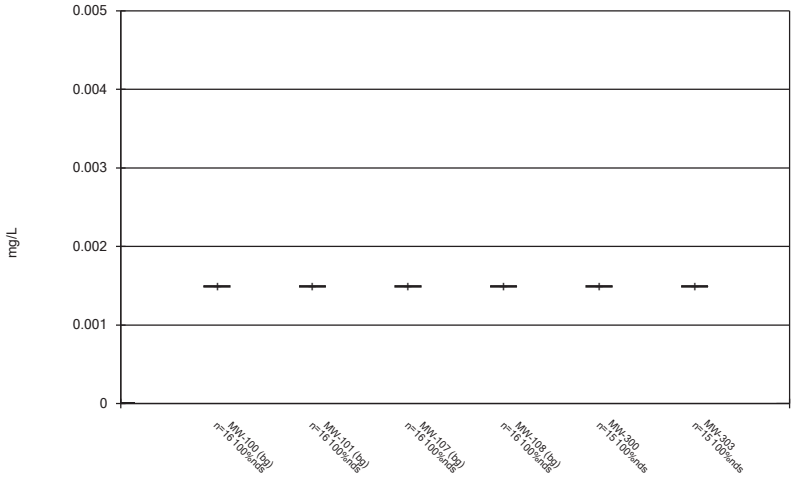


Constituent: Total Dissolved Solids Analysis Run 12/15/2021 7:11 AM View: 200 Series General
Gulf Clean Energy Center Client: Gulf Power Data: Gulf Clean Energy Plant

300 Series

Sanitas™ v.9.6.32 . UG

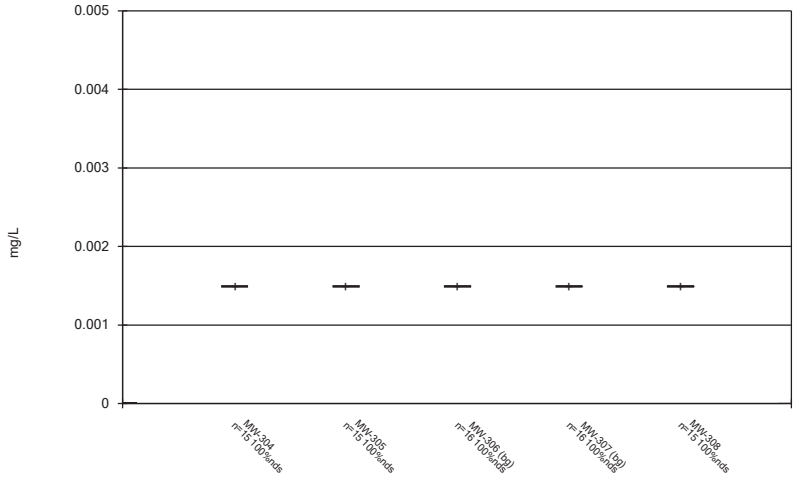
Box & Whiskers Plot



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

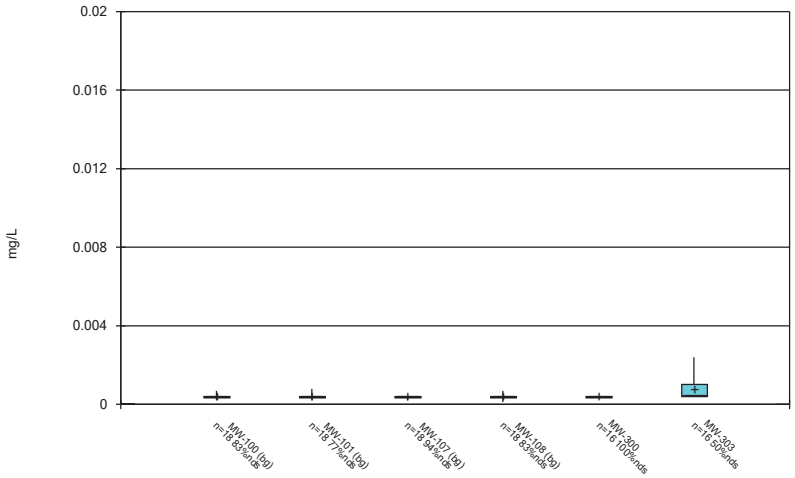
Box & Whiskers Plot



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

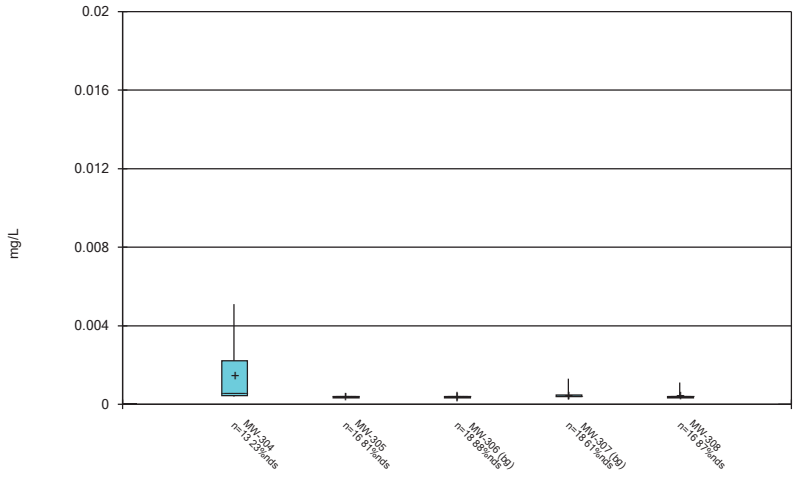
Box & Whiskers Plot



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

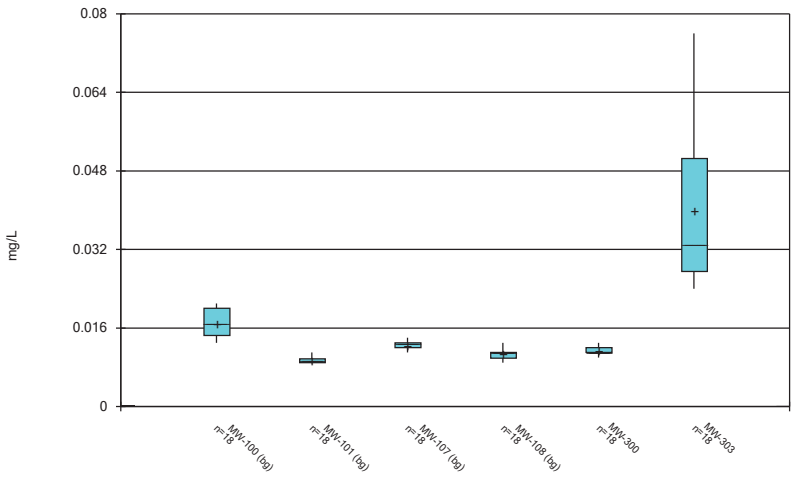
Box & Whiskers Plot



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

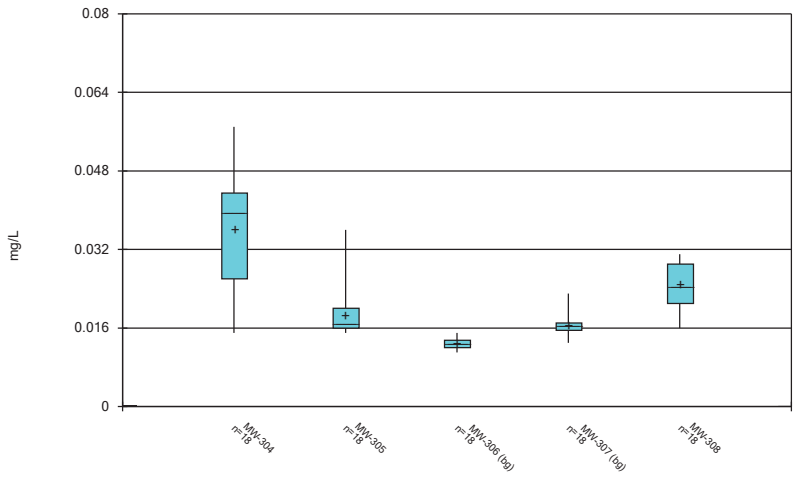
Box & Whiskers Plot



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

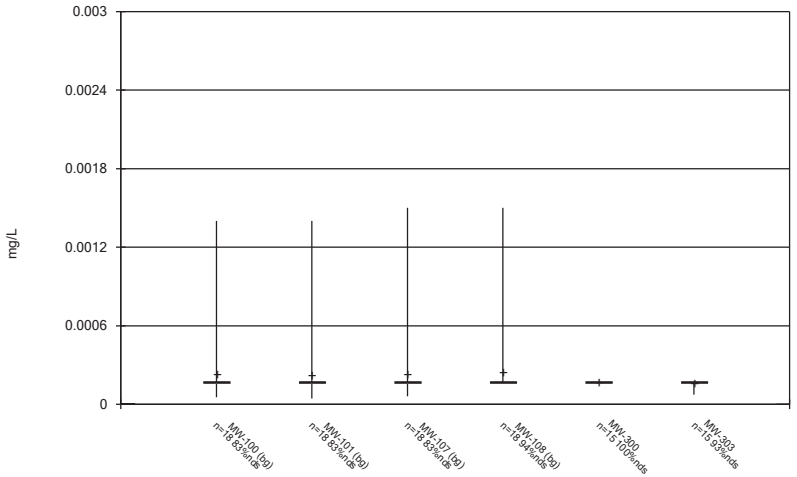
Box & Whiskers Plot



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

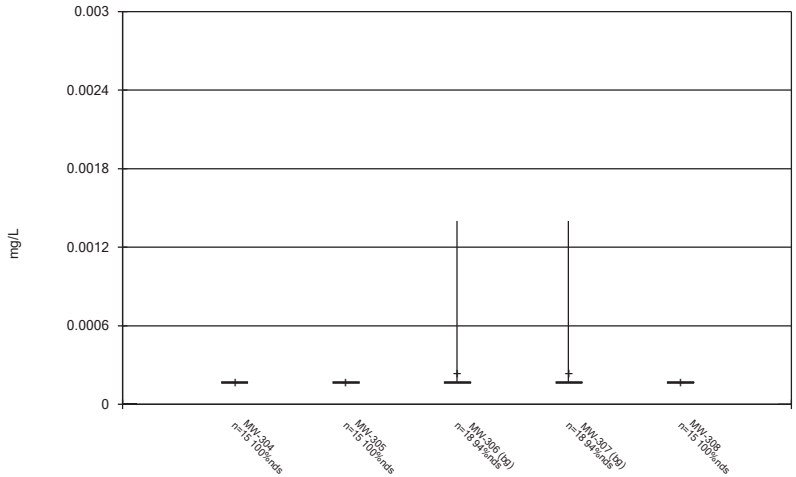
Box & Whiskers Plot



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

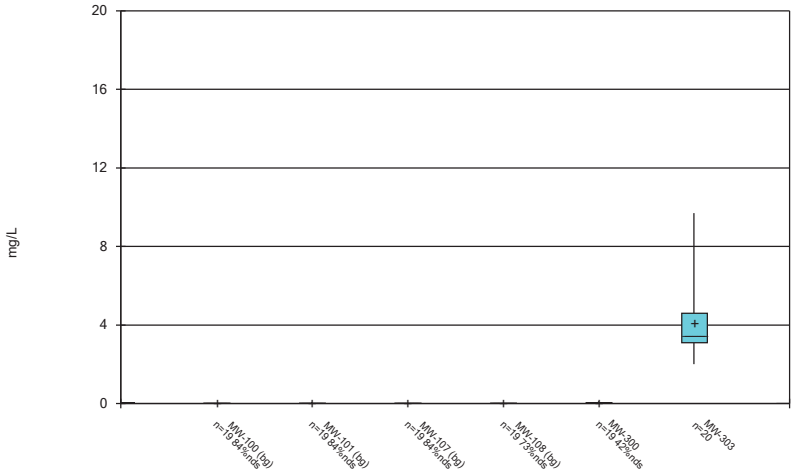
Box & Whiskers Plot



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

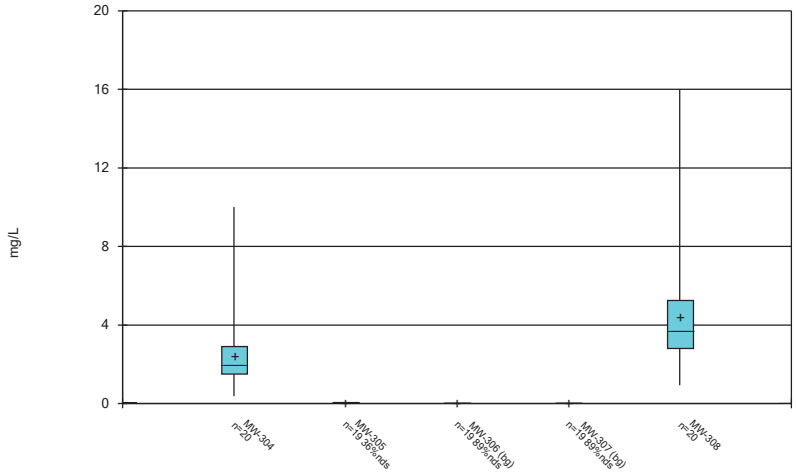
Box & Whiskers Plot



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

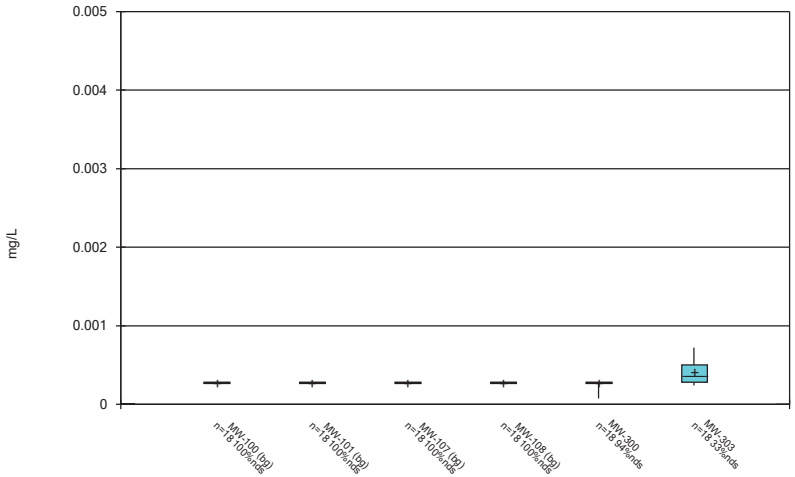
Box & Whiskers Plot



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

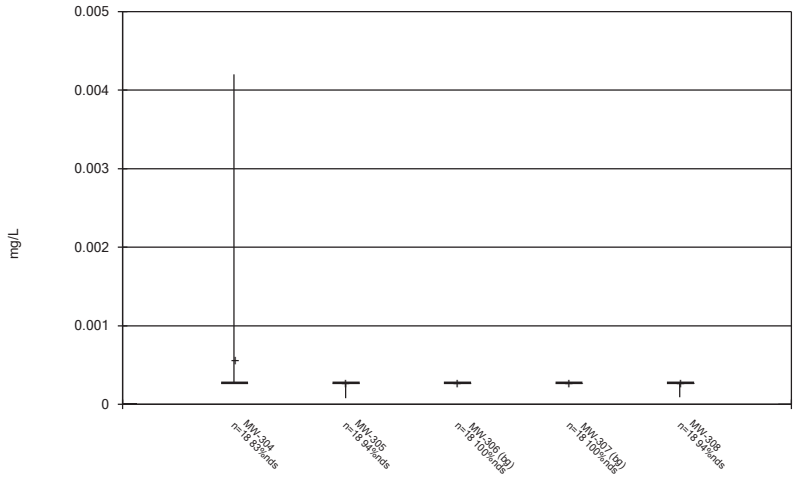
Box & Whiskers Plot



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

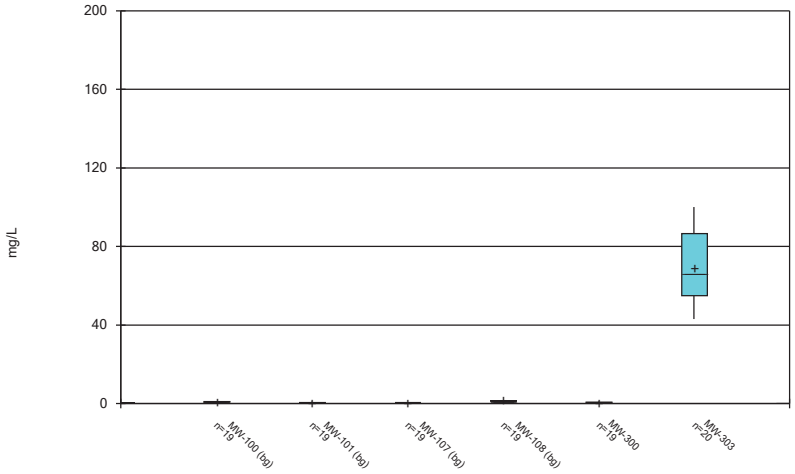
Box & Whiskers Plot



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

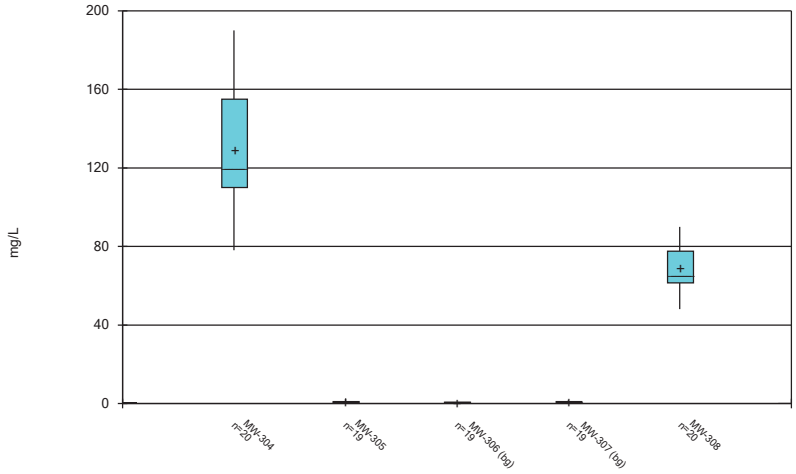
Box & Whiskers Plot



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

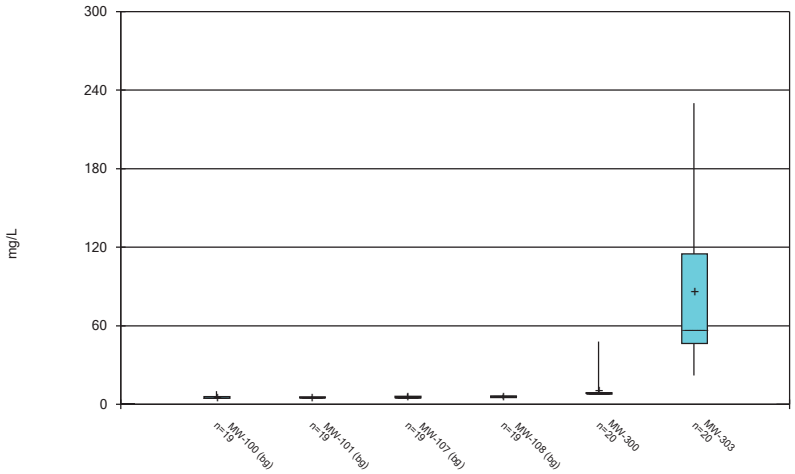
Box & Whiskers Plot



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

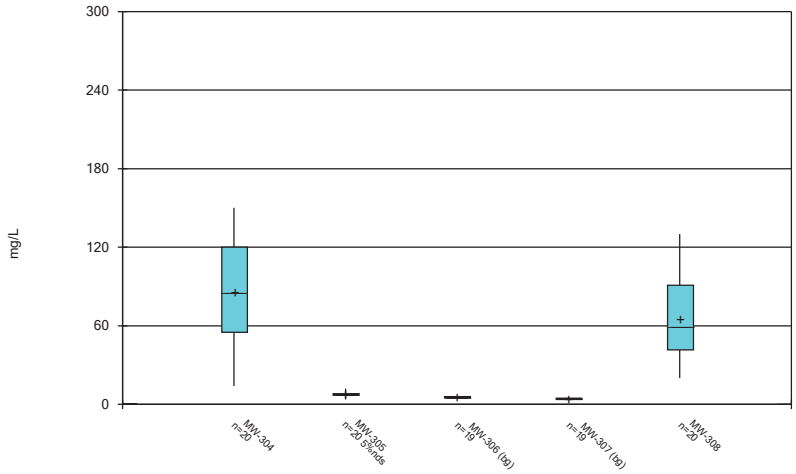
Box & Whiskers Plot



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

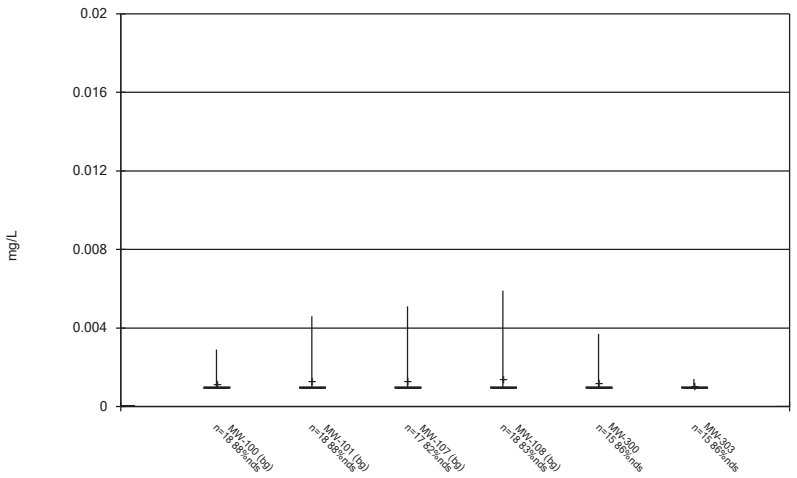
Box & Whiskers Plot



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

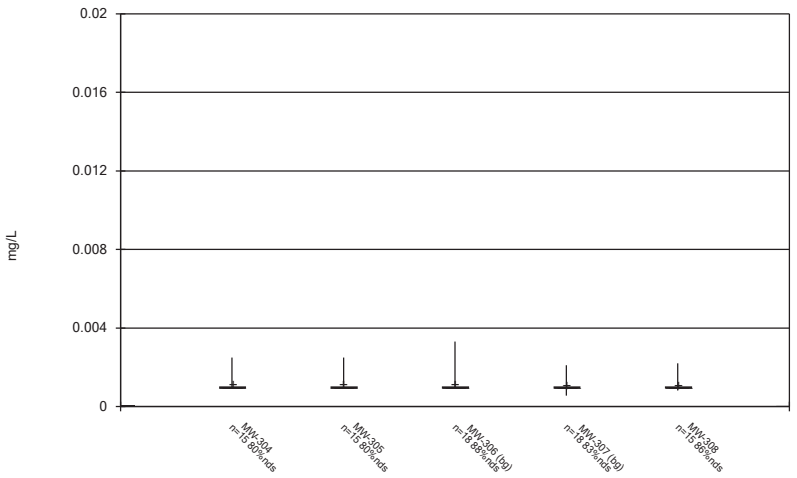
Box & Whiskers Plot



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

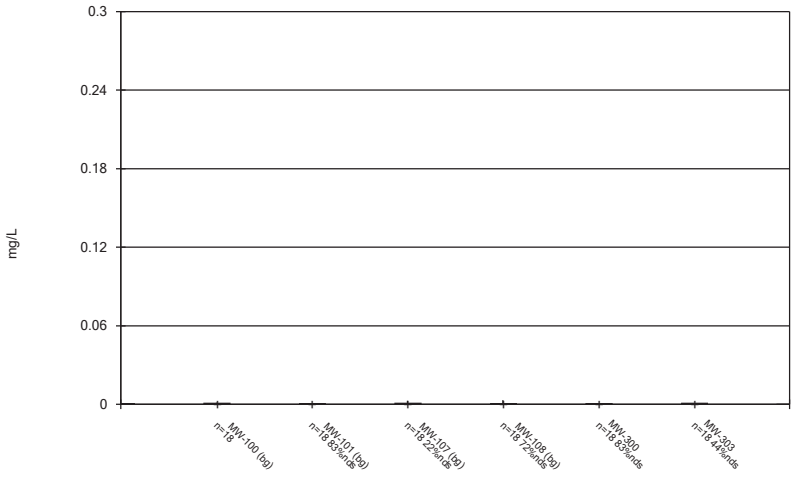
Box & Whiskers Plot



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

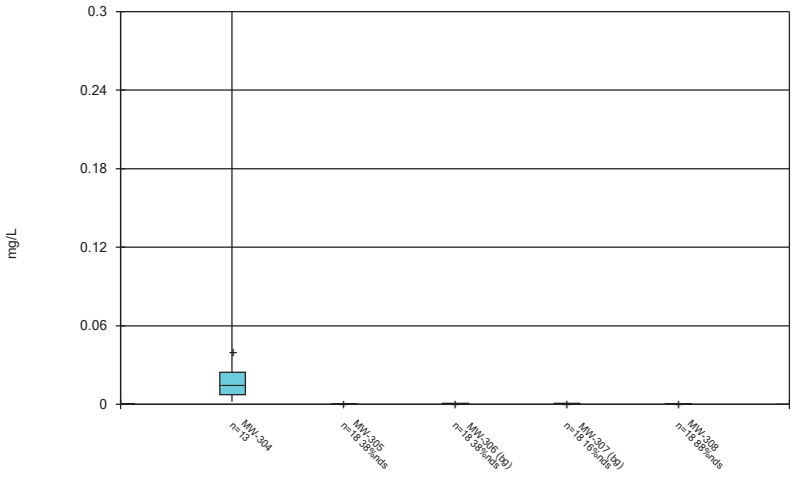
Box & Whiskers Plot



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

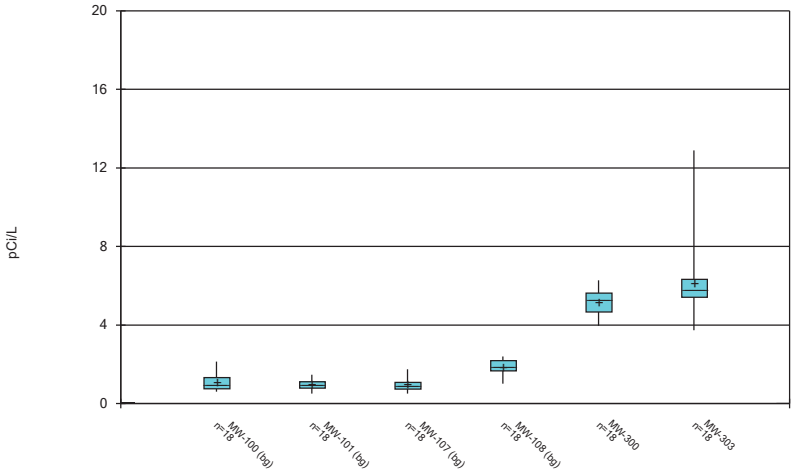
Box & Whiskers Plot



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

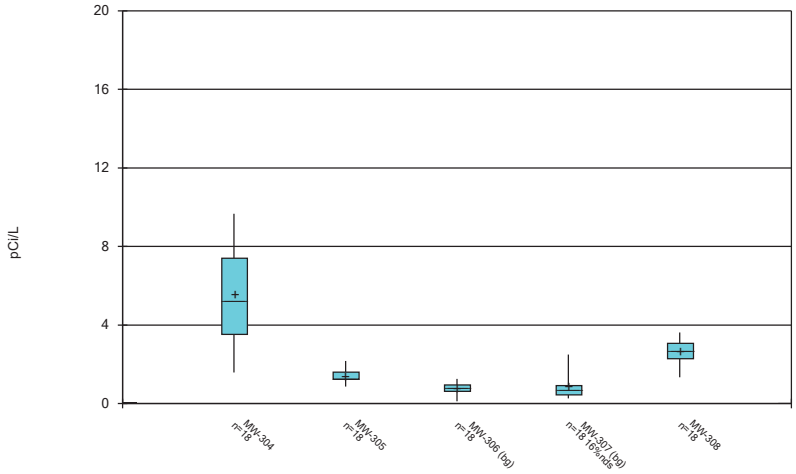
Box & Whiskers Plot



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

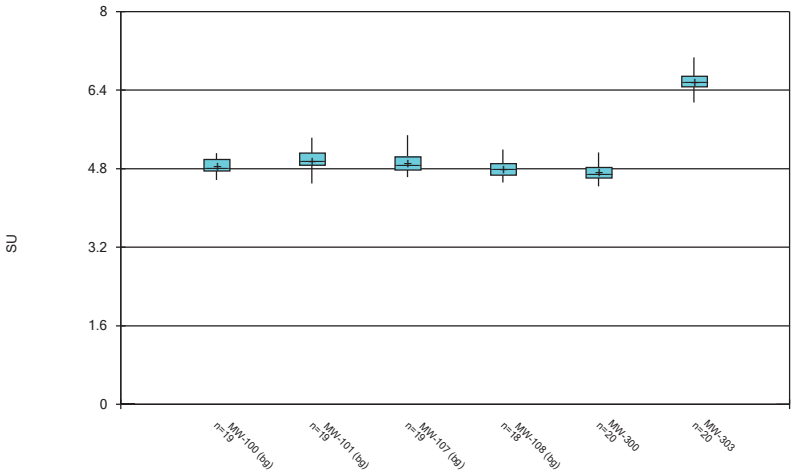
Box & Whiskers Plot



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

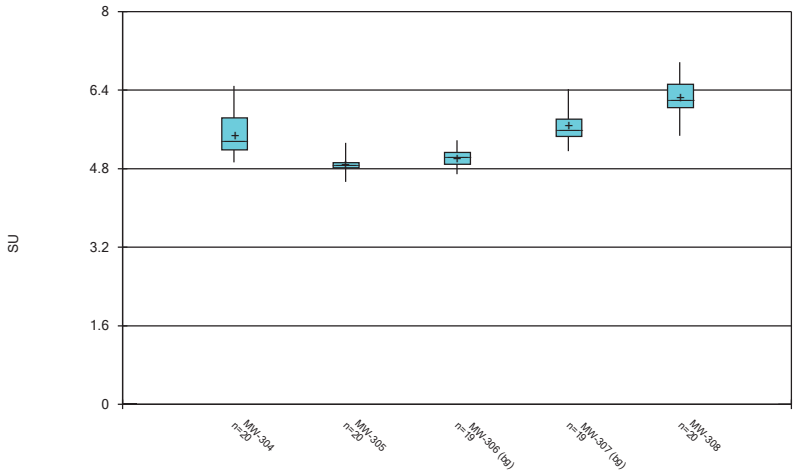
Box & Whiskers Plot



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

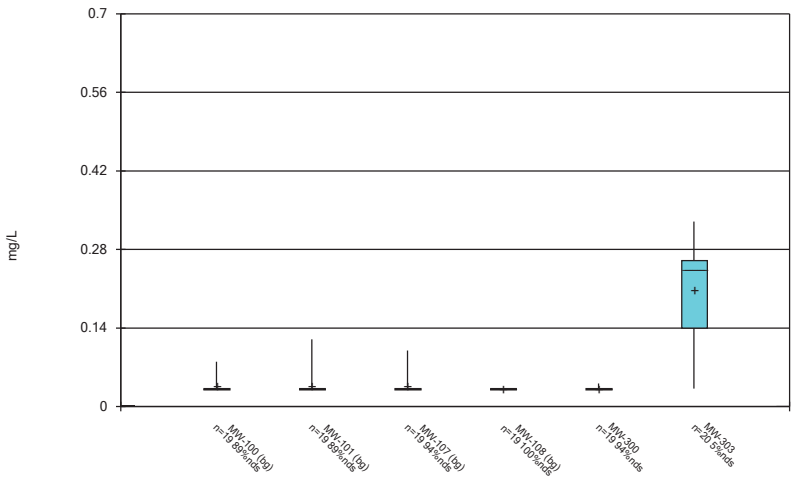
Box & Whiskers Plot



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

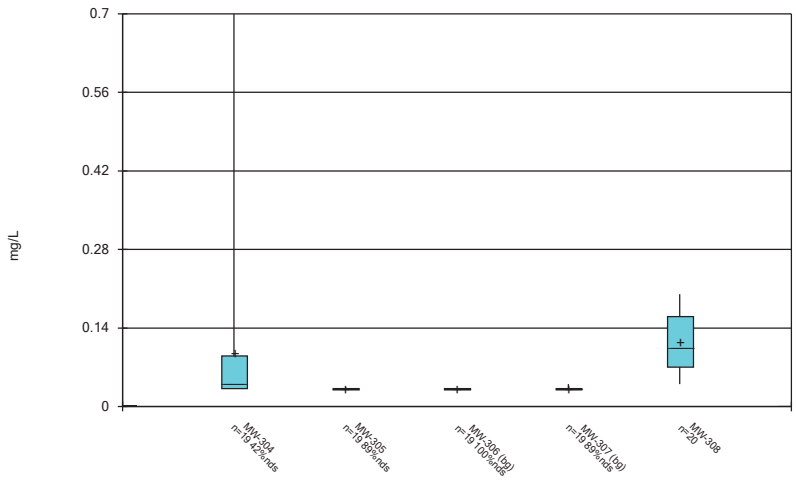
Box & Whiskers Plot



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

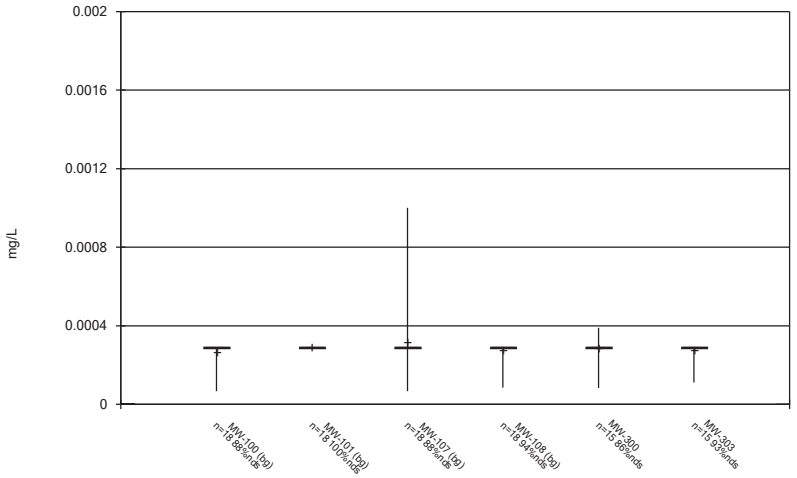
Box & Whiskers Plot



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

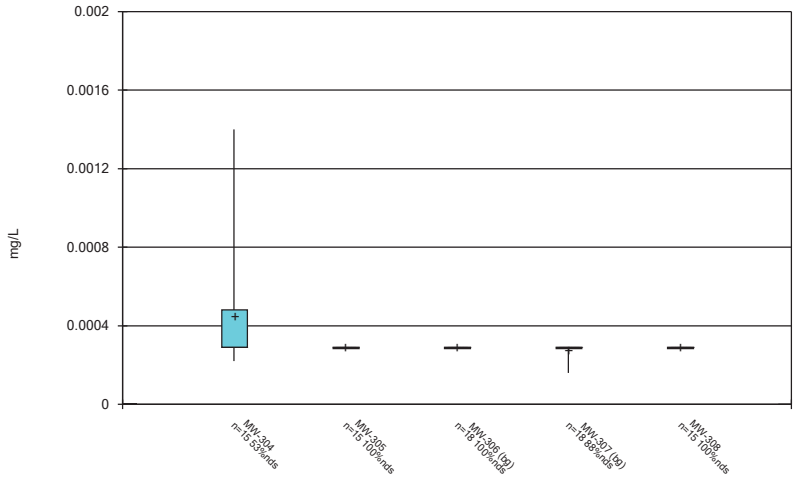
Box & Whiskers Plot



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

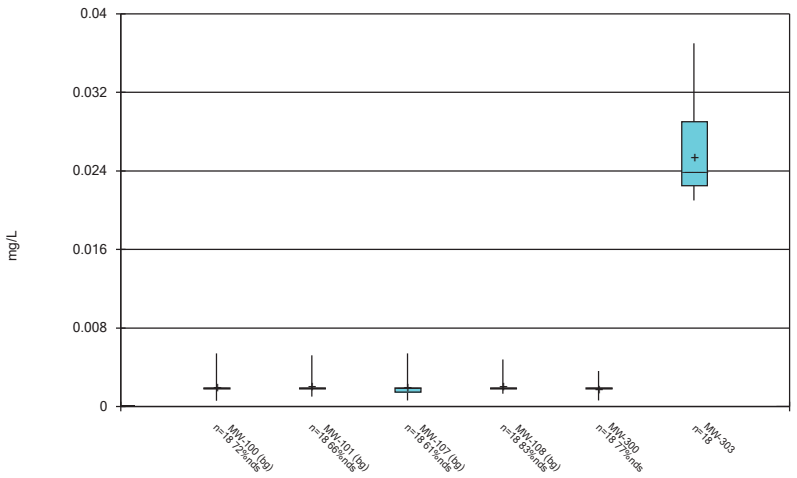
Box & Whiskers Plot



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

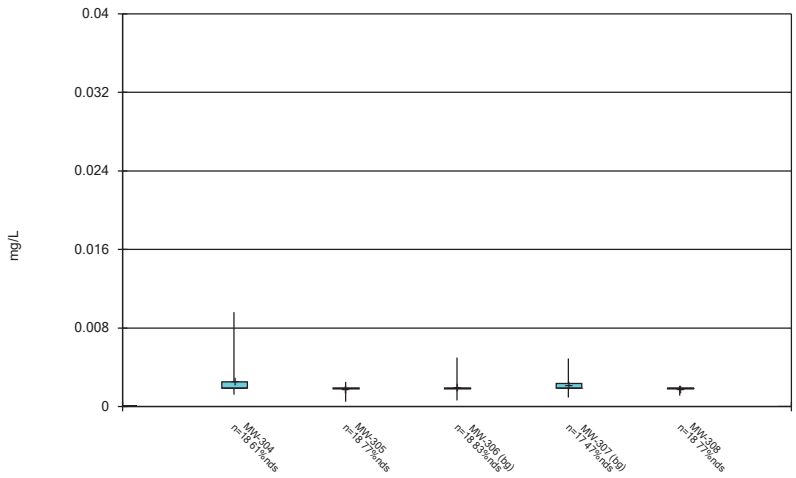
Box & Whiskers Plot



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

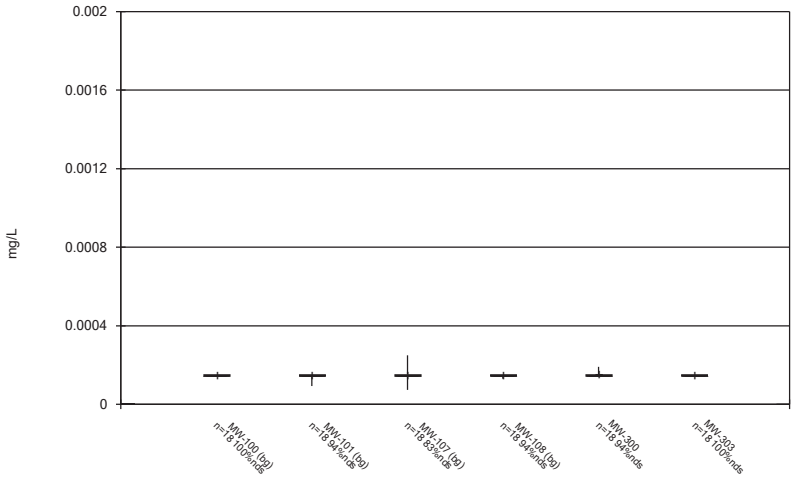
Box & Whiskers Plot



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

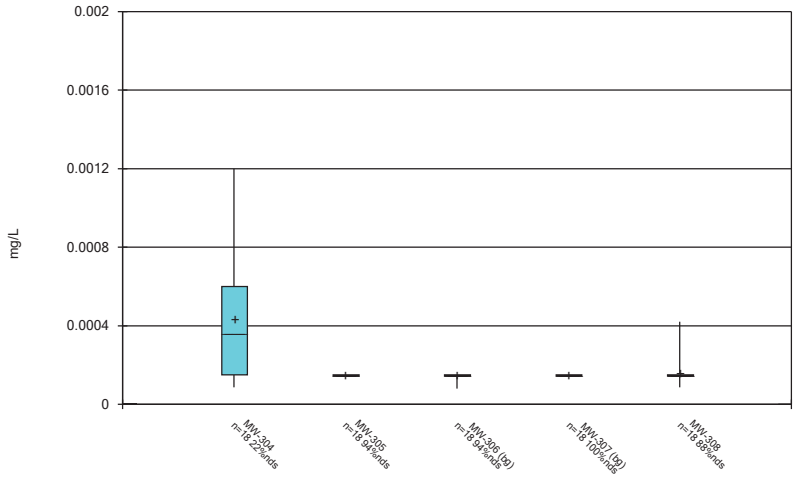
Box & Whiskers Plot



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

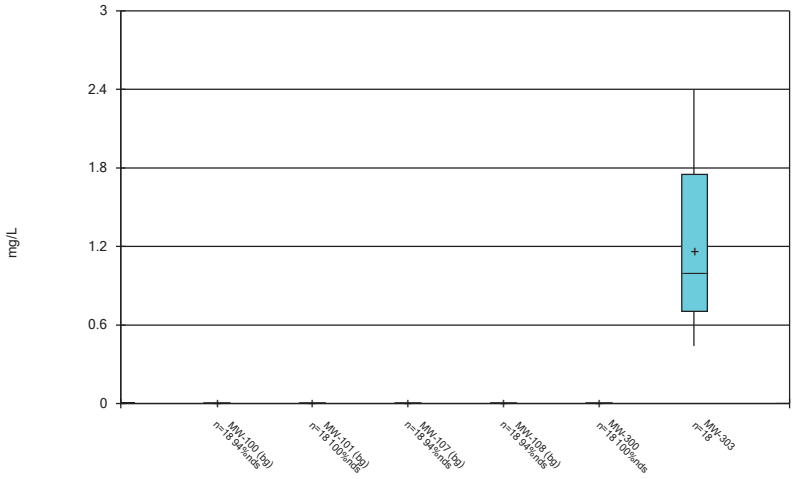
Box & Whiskers Plot



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

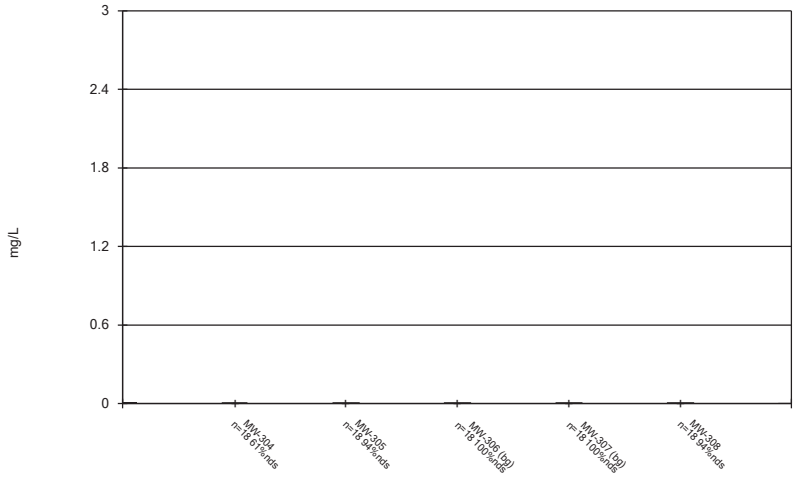
Box & Whiskers Plot



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

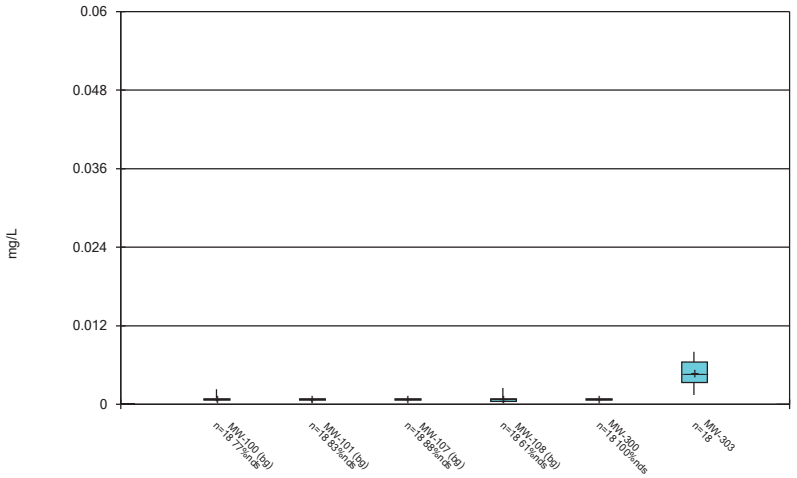
Box & Whiskers Plot



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

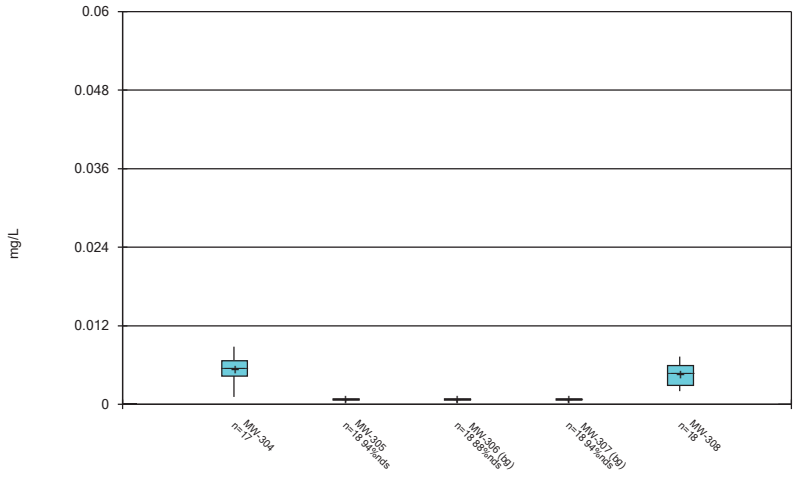
Box & Whiskers Plot



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

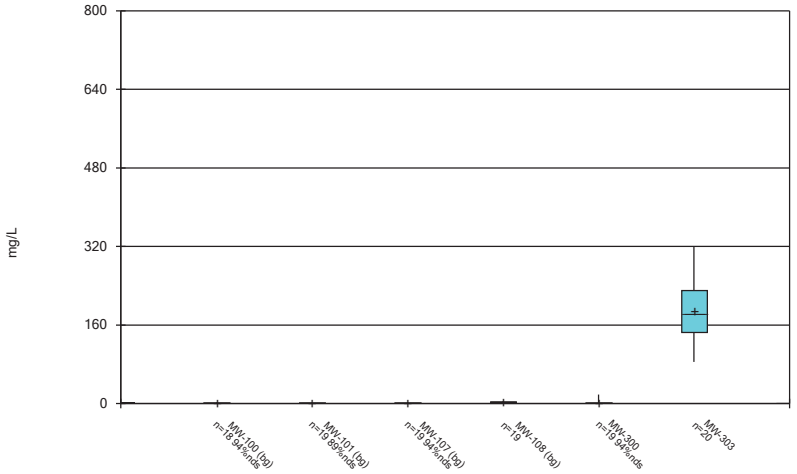
Box & Whiskers Plot



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

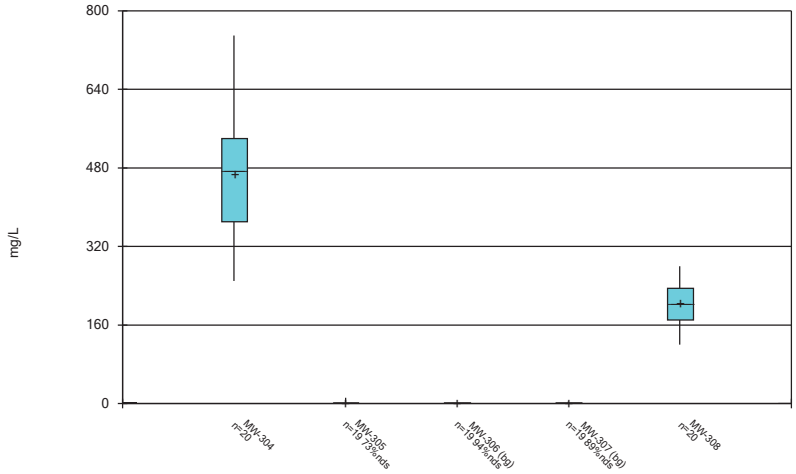
Box & Whiskers Plot



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

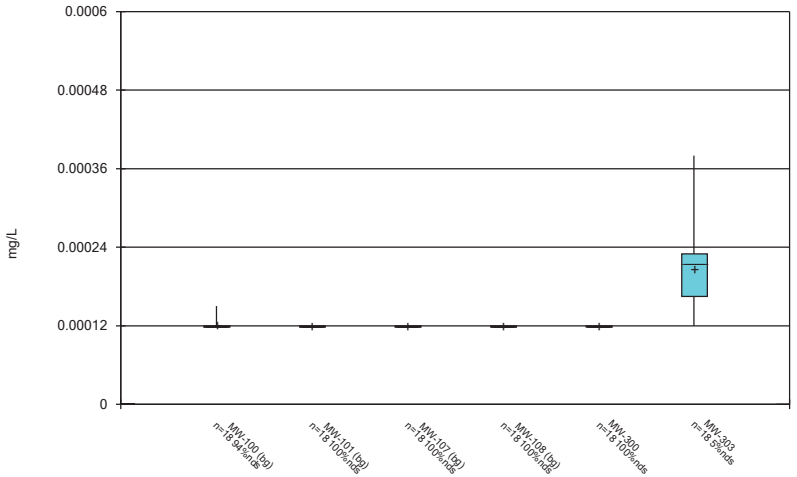
Box & Whiskers Plot



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

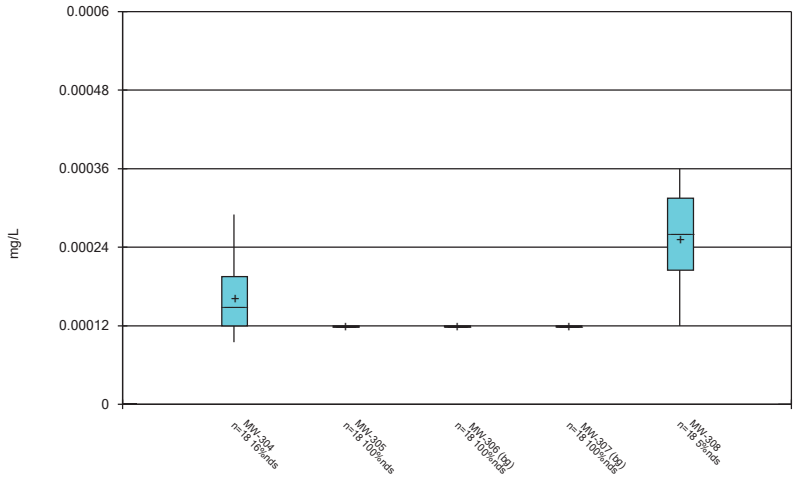
Box & Whiskers Plot



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

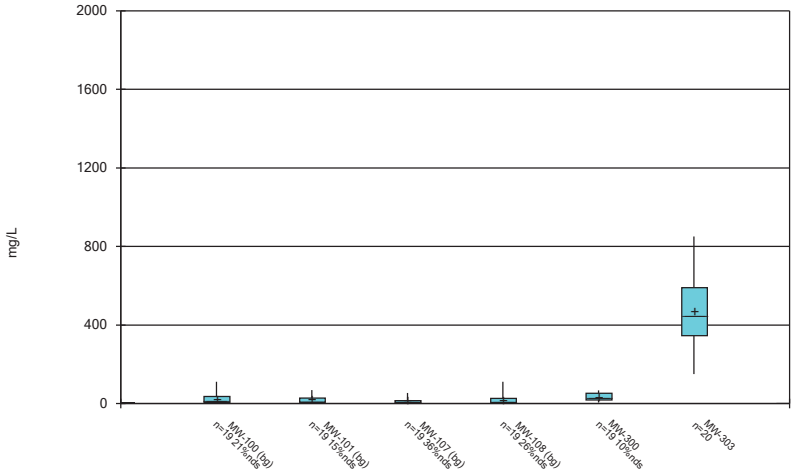
Sanitas™ v.9.6.32 . UG

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

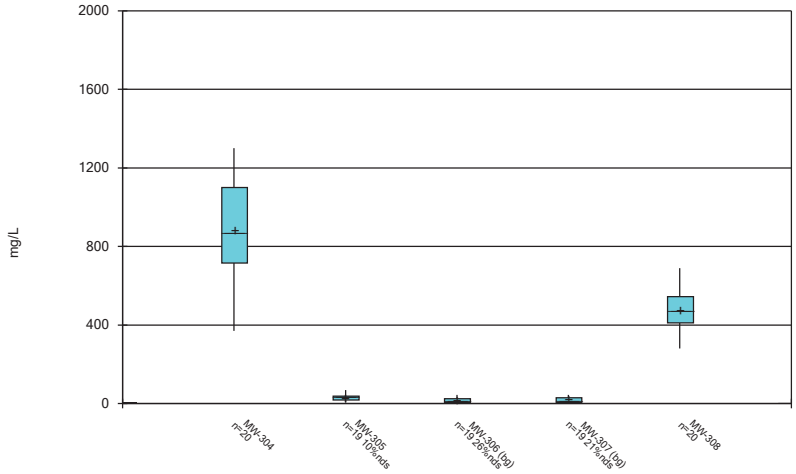
Box & Whiskers Plot



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

APPENDIX D

Radium Alternative Source Demonstration, CCR Unit Ash Landfill No. 2

Geosyntec consultants

engineers | scientists | innovators

RADIUM ALTERNATE SOURCE DEMONSTRATION

CCR UNIT ASH LANDFILL NO. 2

Gulf Clean Energy Center

Gulf Power Company

Escambia County, Florida

Prepared for

Gulf Power Company
One Energy Place
Pensacola, Florida 32520

Prepared by

Geosyntec Consultants, Inc.
1120 North 12th Avenue
Pensacola, Florida 32501

Project TXR0943

September 2021

Geosyntec consultants

TABLE OF CONTENTS

CERTIFICATION STATEMENT iii

1. INTRODUCTION 1
   1.1 Background 1
   1.2 Purpose 1

2. ALTERNATE SOURCE DEMONSTRATION APPROACH 2
   2.1 Overview 2
   2.2 Analysis of Radionuclides in Soils 2
   2.3 Leaching of Total Radium from Soils 2
   2.4 Leaching of Total Radium from Ash 3
   2.5 Analysis of Groundwater 3

3. ALTERNATE SOURCE DEMONSTRATION 5
   3.1 Overview 5
   3.2 Analysis of Radionuclides in Soils 5
   3.3 Leaching of Total Radium from Site Soils 6
   3.4 Leaching of Total Radium from Ash 7
   3.5 Analysis of Groundwater 7

4. CONCLUSIONS 9

5. REFERENCES 10

List of Figures

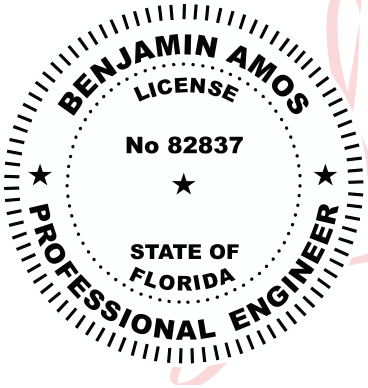
Figure 1 CCR Groundwater Monitoring Network - Ash Landfill No. 2
Figure 2 Total Radium vs Chloride in Groundwater

Geosyntec consultants

CERTIFICATION STATEMENT

Radium Alternate Source Demonstration
Gulf Clean Energy Center
CCR Unit Ash Landfill No. 2
Escambia County, Florida
September 16, 2021

I, Benjamin K. Amos, a qualified professional engineer registered in the State of Florida, certify that the above document was completed consistent with the requirements stipulated in 40 CFR 257.95(g)(3)(ii) and that the information contained herein is, to the best of my knowledge, accurate.



This document has been electronically signed and sealed by Benjamin Amos P.E. on 16 September 2021 using a SHA-1 authentication code. Printed copies of this document are not considered signed and sealed, and the SHA-1 authentication code must be verified on any electronic copies.

Benjamin K. Amos, Ph.D., P.E
Florida Professional Engineer No. 82837

1. INTRODUCTION

On behalf of Gulf Power Company (Gulf Power), Geosyntec Consultants, Inc. (Geosyntec) prepared this alternate source demonstration (ASD) for total radium (radium-226 plus radium-228) for Ash Landfill No. 2 at the Gulf Clean Energy Center (GCEC) located in Escambia County, Florida (Site). This ASD has been prepared to meet the requirements of the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule 40 CFR Part 257.95(g)(3)(ii) which states that the owner or operator may:

> *Demonstrate that a source other than the CCR unit caused the contamination, or that the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality. Any such demonstration must be supported by a report that includes the factual or evidentiary basis for any conclusions and must be certified to be accurate by a qualified professional engineer. If a successful demonstration is made, the owner or operator must continue monitoring in accordance with the assessment monitoring program pursuant to this section and may return to detection monitoring if the constituents in appendices III and IV to this part are at or below background as specified in paragraph (e) of this section. The owner or operator must also include the demonstration in the annual groundwater monitoring and corrective action report required by §257.90(e), in addition to the certification by a qualified professional engineer.*

1.1 Background

Pursuant to the CCR Rule, Gulf Power installed and certified a groundwater monitoring system at the GCEC CCR unit Ash Landfill No. 2 (**Figure 1**). Statistical analysis of data collected from the groundwater monitoring system in April 2021 indicated a statistically significant level (SSL) of total radium at MW-303 above the applicable groundwater protection standard (GWPS). A notification of this SSL was posted to the facility operating record on July 16, 2021.

1.2 Purpose

The purpose of this report is to demonstrate that the total radium SSL at MW-303 was caused by a naturally occurring source of total radium at the Site.

2. ALTERNATE SOURCE DEMONSTRATION APPROACH

2.1 Overview

In 2021, Gulf Power identified an SSL of total radium in monitoring well MW-303 which is adjacent to Ash Landfill No. 2 (**Figure 1**). This report demonstrates that a source other than Ash Landfill No. 2 resulted in the MW-303 SSL.

The CCR Rule does not establish specific requirements for an ASD. However, appropriate guidance is contained in the *USEPA Solid Waste Disposal Facility Criteria Technical Manual* (USEPA, 1993) for municipal solid waste landfills. The approach to this ASD is modeled on USEPA, 1993 and relies on the following lines of evidence:

- Analysis of radionuclides in soils at the Site;
- Leaching of total radium from soils at the Site;
- Leaching of total radium from ash; and
- Analysis of groundwater at the Site;

A brief description of the components of this ASD is presented below. A detailed analysis of data and discussion is presented in Section 3.

2.2 Analysis of Radionuclides in Soils

Site soils were evaluated for the presence of radium parent compounds, i.e., naturally occurring uranium and thorium. The decay of parent radionuclides, such as uranium and thorium, results in the production of daughter radionuclides including radium-226 and radium-228. Therefore, this evaluation focused on identifying the presence of parent radionuclides (i.e., uranium and thorium) in Site soils. The presence of uranium and/or thorium in Site soils would indicate the potential for a naturally occurring source of total radium. Alternatively, the absence of parent radionuclides would indicate the potential source may be Ash Landfill No. 2.

2.3 Leaching of Total Radium from Soils

Leaching tests were performed to evaluate the potential for naturally occurring total radium to be released from Site soils when in contact with Site water. The presence of naturally occurring radionuclides in the resulting leachate would indicate that *in situ* interactions between Site soils and groundwater could result in the release of total radium. In addition, if naturally occurring parent radionuclides were released to groundwater, decay of those parent radionuclides could result in activities of daughter radionuclides such as radium-226 and radium-228 in downgradient groundwater. Conversely, an

absence of naturally occurring radionuclides in leachate would indicate that the potential source of total radium may be Ash Landfill No. 2.

2.4 Leaching of Total Radium from Ash

The potential for ash managed in Ash Landfill No. 2 to be the source of the SSLs of total radium was evaluated by analyzing the leaching potential of bottom ash and fly ash at the Site. This evaluation was presented in the 1998 report (1998 Report) prepared by LBG-Guyton titled "*Investigation of Potential Sources of Elevated Radiological Activity in Two Monitoring Wells at Crist Electric Plant, James F. Crist Generating Plant*[1]" (LBG-Guyton, 1998). If observed, elevated concentrations of total radium identified by the leaching tests would indicate that Ash Landfill No. 2 was a potential source of total radium. An absence of elevated concentrations of total radium in leachate would indicate that Ash Landfill No.2 is unlikely to be the source of the total radium SSL.

2.5 Analysis of Groundwater

Groundwater data collected at the Site were evaluated for: (i) groundwater flow direction; (ii) temporal trends in total radium activities; and (ii) correlations between select water quality characteristics and total radium activities.

- Groundwater elevations at monitoring wells around Ash Landfill No. 2 were evaluated as part of regular CCR groundwater monitoring activities to assess groundwater flow direction in the vicinity of the CCR unit. Ash Landfill No. 2 would be considered a potential source of total radium at MW-303 if the potentiometric surface indicates that MW-303 is directly downgradient of the CCR unit. Conversely, if MW-303 is not directly downgradient of Ash Landfill No. 2, an alternate source of total radium likely contributes to the activities observed in MW-303.
- A naturally occurring source of total radium would be indicated by the presence of elevated activities of total radium in historical data side-gradient of Ash Landfill No. 2. A localized source, such as Ash Landfill No. 2, would be indicated by the presence of elevated activities of total radium in monitoring wells downgradient but not side-gradient of Ash Landfill No. 2.
- The presence of a correlation between water quality parameters and total radium activity could indicate potential mechanisms of release of naturally occurring total radium. One potential mechanism of release is the mobilization of radium from soils when in contact with groundwater with high total dissolved solids (TDS),

[1] Plant Crist is the former name of the Gulf Clean Energy Center (GCEC).

chloride, or salinity as demonstrated in the literature (Miller and Sutcliffe, 1985; Hughes, 2016).

3. ALTERNATE SOURCE DEMONSTRATION

3.1 Overview

This ASD demonstrates that the elevated activity of total radium observed at monitoring well MW-303 is caused by the presence of naturally occurring radioactive materials in Site soils. This section presents a description of field events and associated results to evaluate the four lines of evidence presented in Section 2.1.

In 1998, Gulf Power conducted a study to evaluate elevated activities of total radium in groundwater monitoring wells at the GCEC. The objective of the study was to assess the potential source of total radium at two monitoring wells located downgradient of a stormwater pond. The stormwater pond and the two monitoring wells (MW-4S and MW-4D[2]) are located downgradient of the Closed Interim Landfill and to the southeast of the Ash Landfill No. 2 CCR unit. As a part of the 1998 Report, Gulf Power performed: (i) an analysis of radionuclide activities in native soils; (ii) leaching tests on native soils; and (iii) leaching tests on fly and bottom ash. The 1998 Report was submitted to the Florida Department of Environmental Protection (FDEP), and FDEP subsequently concurred that naturally occurring radionuclides present in Site soils contribute to the elevated total radium activities in the two wells, in a letter memorandum dated February 22, 1999 (FDEP, 1999).

In 2019, Gulf Power conducted a second study to evaluate the activities of naturally occurring radionuclides in soil samples collected in the vicinity of the Gypsum Storage Area (GSA) located downgradient of the Ash Landfill No. 2 CCR unit (Geosyntec, 2020).

Results and findings from the two studies detailed above supplemented by groundwater data collected from the Ash Landfill No. 2 CCR groundwater monitoring network form the evidentiary basis of this ASD, as summarized in Sections 3.2 to 3.5.

3.2 Analysis of Radionuclides in Soils

In 1998, sixty-three samples of native soils were collected from around the Site and analyzed for uranium and thorium. Details of samples collected, sample locations, and analyses performed were previously documented in the 1998 Report. The 1998 Report indicates the presence of naturally occurring uranium and thorium in Site soils. As referenced above, FDEP concurred with the 1998 Report. Key findings include:

- Uranium was present in Site soils up to a maximum concentration of 33.3 parts per million (ppm)[3]. Statistical hypothesis testing documented in the 1998 Report

[2] Locations of wells referenced herein are presented in the 1998 Report (LBG-Guyton, 1998).
[3] Units (ppm) presented herein are as reported in the 1998 Report (LBG-Guyton, 1998).

indicated that the median uranium concentration in Site soil is greater than 4.5 ppm.

- Thorium was present in Site soils up to a maximum concentration of 44 ppm. Statistical hypothesis testing documented in the 1998 Report indicated that the median thorium concentration in Site soil is greater than 13 ppm.
- Samples collected hydraulically upgradient (location MW-1D in the 1998 Report) of Ash Landfill No. 2 indicated the presence of uranium in Site soils at concentrations ranging from 4.1 to 23.3 ppm. The spatial location of these samples indicates that the uranium is naturally occurring at the GCEC.
- Samples collected hydraulically upgradient (location MW-1D in the 1998 Report) of Ash Landfill No. 2 indicated the presence of thorium in Site soils at concentrations ranging from 4.6 to 44 ppm. The spatial location of these samples indicates that the thorium is naturally occurring at the GCEC.
- Samples collected side-gradient of Ash Landfill No. 2 at depths consistent with the screen interval of MW-303 (well MW-4D in the 1998 Report) indicated average uranium and thorium concentrations in Site soils of 20.3 ppm and 23.4 ppm, respectively.

In 2019 (Geosyntec, 2020), soil samples collected downgradient of Ash Landfill No. 2 revealed that:

- Uranium was present in Site soils in concentrations ranging from approximately 0.3 to 0.9 milligrams per kilogram (mg/kg).
- Thorium was present in Site soils in concentrations ranging from approximately 1.7 to 5.1 mg/kg.

Results of the 1998 Report, confirmed by samples collected in 2019, indicate that naturally occurring sources of uranium and thorium, parent radionuclides for total radium, are present in Site soils.

3.3 Leaching of Total Radium from Site Soils

Leaching tests on Site soils were conducted with laboratory grade deionized (DI) water and with Site water collected from the stormwater pond as documented in the 1998 Report. Key results from the leaching tests include:

- With pure (100%) Site water collected from the stormwater pond, total radium was leached at activities ranging from 1.4 to 11.9 picocuries per liter (pCi/L) from Site soil samples collected hydraulically upgradient of Ash Landfill No. 2 (samples I-7 and MW-1D in the 1998 Report).

- With a mixture of 1% Site water from the stormwater pond and 99% DI water, total radium was leached at an activity of 8.0 pCi/L from Site soil samples collected side-gradient of Ash Landfill No.2 (sample SH-2 in the 1998 Report).

Total radium activities observed in the post-leach solutions in the leaching studies were appreciably higher than the pre-leach solutions, indicating that Site soils were the source of total radium. The results from the leaching studies indicated that the interaction of Site groundwater and DI water with Site soils can release naturally occurring total radium at activities higher than the GWPS of 5 pCi/L (the average activity of total radium in MW-303 is approximately 6 pCi/L).

3.4 Leaching of Total Radium from Ash

Leaching tests on fly ash and bottom ash were conducted with laboratory grade DI water and with Site water collected from the stormwater pond as documented in the 1998 Report. Key results from the leaching tests include:

- In each test conducted with fly ash, total radium was leached at activities less than 5 pCi/L. The total radium activities in post-leach solutions ranged from 0.2 to 1.5 pCi/L with an average of 1.1 pCi/L. The change in total radium activity in leaching solutions (i.e., before and after interaction with fly ash) ranged from -0.2 to 1.4 pCi/L with an average change of -0.5 pCi/L.
- In four out of five samples with bottom ash, the total radium activity measured in the leachate solution after interaction with ash was lower than the corresponding pre-leach solutions. Total radium activity in post-leach solutions ranged from 0.6 to 14 pCi/L with an average activity of 0.9 pCi/L. The change in total radium activity in the leaching solutions (i.e., before and after interaction with bottom ash) ranged from -1.5 to 0.9 pCi/L with an average change of -0.6 pCi/L.

The change in total radium activities observed in the leaching solutions with bottom ash and fly ash were substantially lower than the GWPS of 5 pCi/L. The results from the leaching studies indicate that ash is unlikely to be a source of total radium observed in groundwater at MW-303.

3.5 Analysis of Groundwater

As documented in the *2020 Annual Groundwater Monitoring Report* for Ash Landfill No. 2 (Geosyntec, 2021), groundwater elevation data indicates that monitoring well MW-303 is side-gradient of Ash Landfill No. 2. The groundwater flow observed in 2020 near Ash Landfill No. 2 was to the northwest and is generally consistent with prior observations (Geosyntec, 2021). As such, a source other than Ash Landfill No. 2 likely contributes to the total radium observed at MW-303.

As documented in the 1998 Report, activities of total radium in historical samples collected from groundwater monitoring wells side-gradient of Ash Landfill No. 2 ranged from 12.4 pCi/L to 19.8 pCi/L (samples MW-4S, MW-4D, and LF18 in the 1998 Report). The 1998 Report noted that "*the only means by which gross-α and total radium at MW-4S and MW-4D could increase to levels in excess of their water quality standards is by the release of α-emitting and β-emitting radionuclides from natural source materials in the vicinity of the monitoring wells*". As referenced earlier, FDEP concurred with the findings of the 1998 Report stating that "*the source of the elevated radionuclides in MW-4S and MW-4D was the natural soils and caused by natural chemical reactions in the groundwater*" in a letter memorandum dated February 22, 1999 (FDEP, 1999). The conclusions of the 1998 Report suggest that the activities of total radium in wells side-gradient of Ash Landfill No. 2 have historically been elevated. The activity of total radium in MW-303 has ranged from 3.73 to 12.9 pCi/L consistent with activities observed historically in wells side-gradient of the CCR unit. These activities suggest an absence of temporal correlation between the operation of Ash Landfill No. 2 and the activity of total radium in the general vicinity of MW-303.

An analysis of total radium activity and chloride in the Ash Landfill No. 2 CCR monitoring wells (**Figure 2**) indicates a statistically significant positive correlation between chloride and the activity of total radium (Spearman's correlation coefficient = 0.56, p-value of <0.01) in downgradient wells. Spearman's correlation coefficient is typically used to evaluate a monotonic correlation between two variables and ranges from a value of -1 (i.e., perfect negative correlation) to +1 (i.e., perfect positive correlation). The correlation coefficient calculated between chloride and total radium with the associated p-value indicates that there is a moderate to strong correlation in downgradient wells and is statistically significant at the 99% confidence level (i.e., the observed correlation is unlikely to be random occurrence with at least 99% confidence). This correlation suggests that radium is potentially released from Site soils in the presence of chloride in groundwater and higher activities of total radium are observed in groundwater when the chloride concentrations are higher. Such a mechanism of release may result in activities of total radium greater than the GWPS at MW-303, consistent with the literature (Miller and Sutcliffe, 1985; Hughes, 2016).

4. CONCLUSIONS

This ASD was prepared pursuant to 40 CFR 257.95(g)(3)(ii) and demonstrates that naturally occurring sources of radionuclides cause the elevated activity of total radium observed in monitoring well MW-303 at Ash Landfill No. 2. Supporting conclusions include the following:

- Naturally occurring uranium and thorium, which are parent radionuclides for radium, are present in Site soils as documented in the 1998 Report and further supported by 2019 data. Further, uranium and thorium are present in soils (at similar concentrations) hydraulically upgradient of the Ash Landfill No. 2 CCR unit.
- Total radium can be leached from Site soils upgradient of Ash Landfill No.2 at levels substantially greater than the GWPS of 5 pCi/L as evidenced by leaching tests documented in the 1998 Report, indicating that Site soils are a source of total radium.
- Total radium leached from fly ash and bottom ash samples were substantially lower than the GWPS of 5 pCi/L suggesting that ash is unlikely to be a source of total radium at MW-303.
- Activities of total radium higher than 5 pCi/L were observed in historical groundwater samples collected side-gradient of Ash Landfill No. 2; the activities are attributed to naturally occurring radionuclides in Site soils in the 1998 Report.

The combination of these lines of evidence indicates that naturally occurring sources of radionuclides contribute to the elevated activity of total radium in monitoring well MW-303. One potential mechanism of total radium release from Site soils is the interaction of soils with chloride, TDS, or salinity in groundwater.

This ASD documents that the SSLs reported for total radium at MW-303 is from a source other than Ash Landfill No. 2. Accordingly, an assessment of corrective measures or remedial action will not be performed for Ash Landfill No. 2 at this time. In accordance with the CCR Rule, groundwater assessment monitoring will continue for Ash Landfill No. 2.

5. REFERENCES

Florida Department of Environmental Protection (FDEP), February 1999. *Summary of the February 10,1999 Meeting with Gulf Power.*

Hughes A. L. H., June 2016. *Ecohydrological and Groundwater Dynamics in a Salt Marsh Island.* University of South Carolina, Theses and Dissertations.

Geosyntec Consultants Inc. (Geosyntec) 2020. June 2020. *Alternate Source Demonstration. Gypsum Storage Area. Crist Generating Plant. Gulf Power Company*

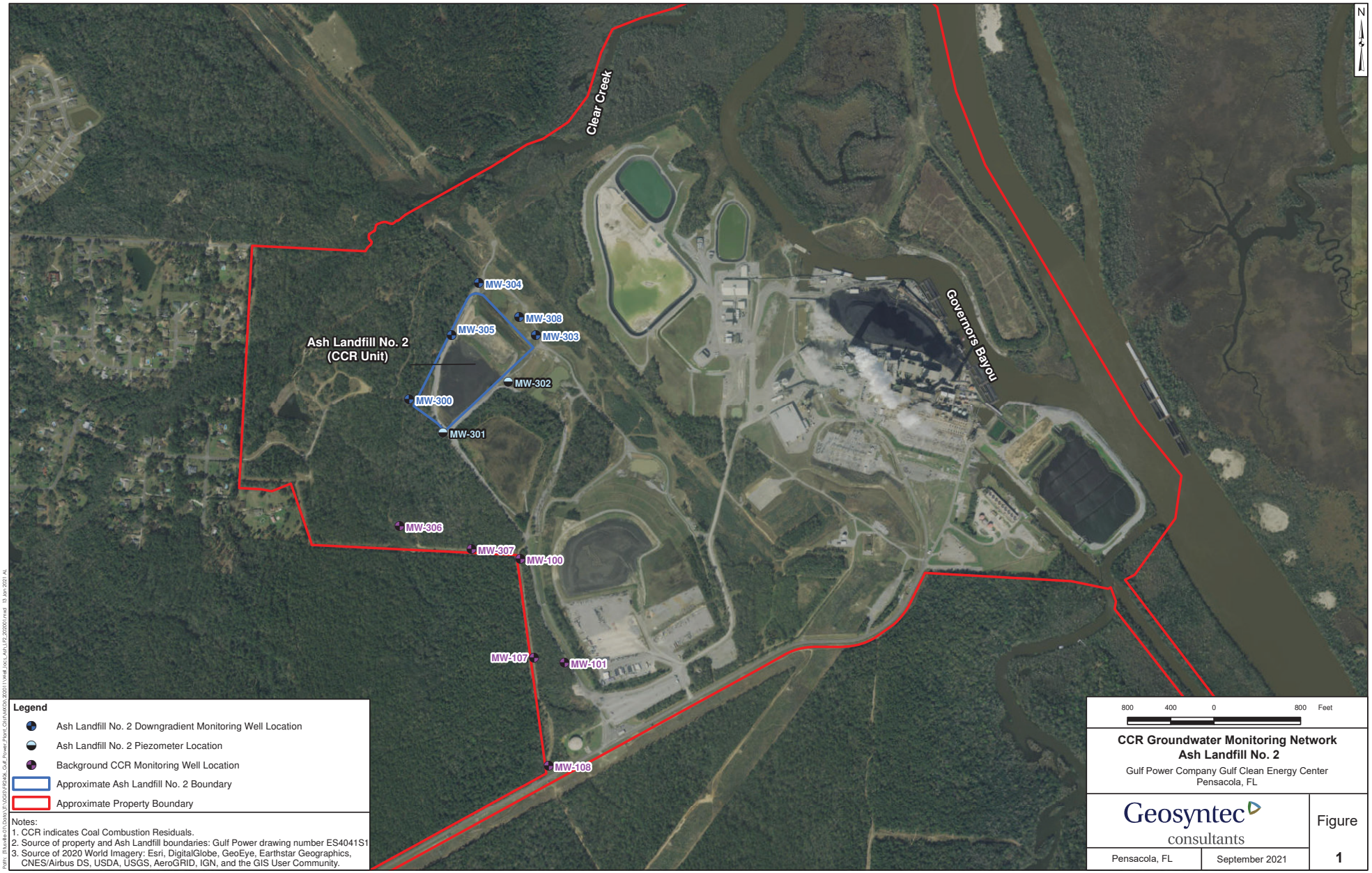
Geosyntec Consultants Inc. (Geosyntec) 2021. January 2021. *2020 Annual Groundwater Monitoring Report. Gulf Power Company , Plant Crist. Ash Landfill No. 2*.

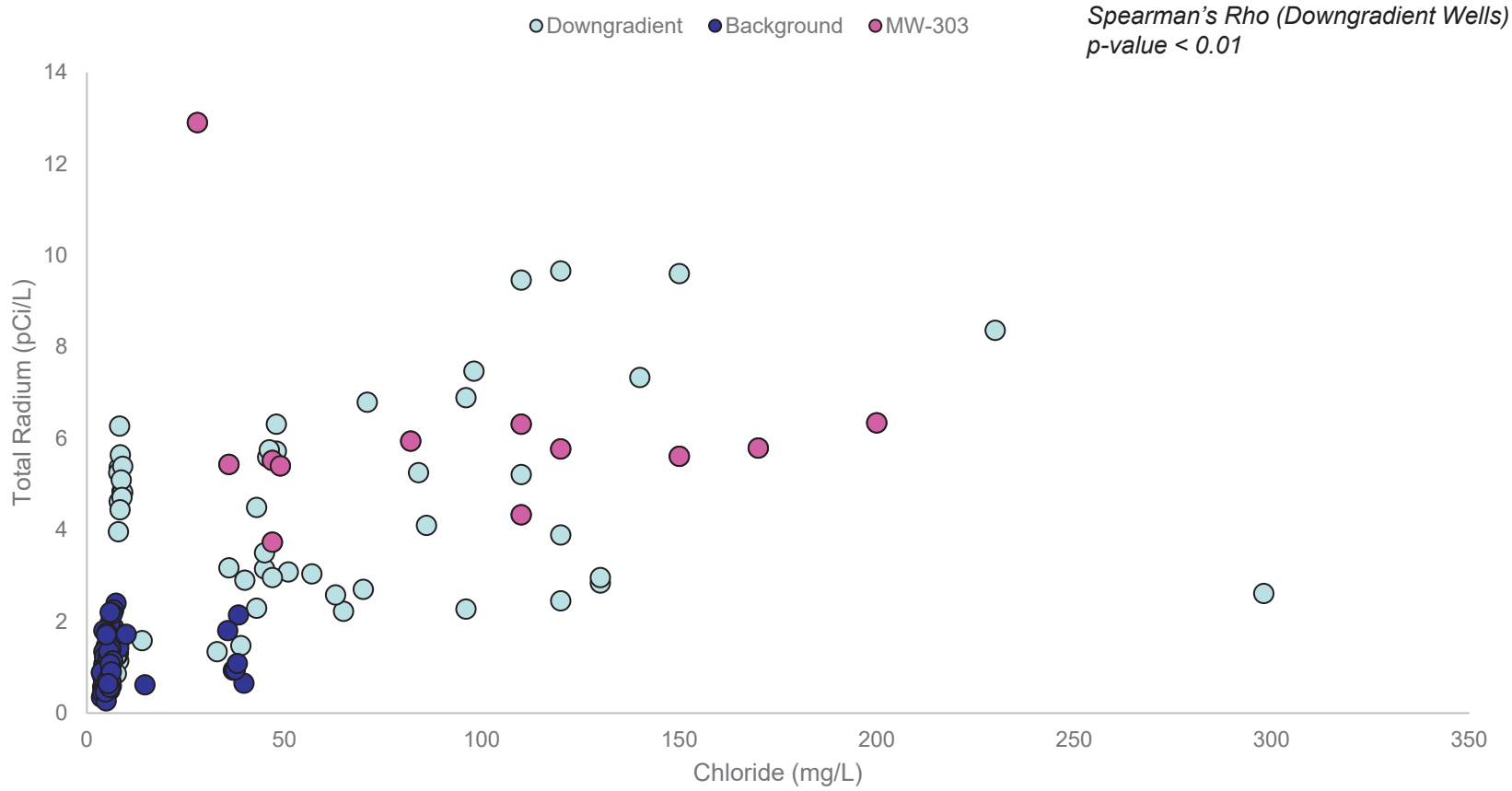
LBG-Guyton Associates, July 1998. *Investigation for Potential Sources of Elevated Radiological Activity in Two Monitoring Wells at Crist Electric Generating Plant, James F. Crist Generating Plant.*

Miller, B.L. & Sutcliffe Jr., H., 1985. *Occurrence of Natural Radium-226 Radioactivity in Ground Water of Sarasota County, Florida.* U.S. Geological Survey, Water-Resources Investigations Report.

United States Environmental Protection Agency (USEPA), November 1993. *USEPA Solid Waste Disposal Facility Criteria Technical Manual.*

FIGURES


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



Notes:

1. Background CCR Monitoring Wells include: MW-100, MW-101, MW-107, MW-108, MW-306 and MW-307.
2. Downgradient CCR Monitoring Wells include: MW-300, MW-303, MW-304, MW-305 and MW-308.
3. MW-303 is shown in a different color (pink) that other downgradient wells for clarity.
4. pCi/L indicates picocuries per liter. mg/L indicates milligrams per liter.

Total Radium vs Chloride in Groundwater
Ash Landfill No. 2
Gulf Power Company Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | September 2021

Figure 2