Prepared for

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2022 ANNUAL GROUNDWATER MONITORING REPORT

FLORIDA POWER & LIGHT COMPANY, GULF CLEAN ENERGY CENTER ASH LANDFILL NO. 1

Prepared by

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Project Number FR8309

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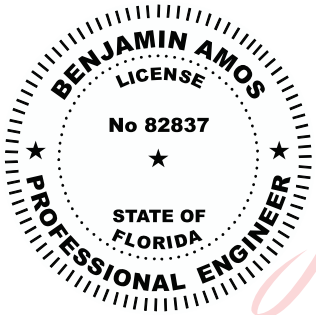
CERTIFICATION STATEMENT

This *2022 Annual Groundwater Monitoring Report, Florida Power & Light Company – Gulf Clean Energy Center – Ash Landfill No. 1* has been prepared in accordance with the requirements of the United States Environmental Protection Agency Coal Combustion Residuals rule (40 Code of Federal Regulations Part 257, Subpart D) under the supervision of a State of Florida licensed Professional Engineer and Professional Geologist with Geosyntec Consultants, Inc.



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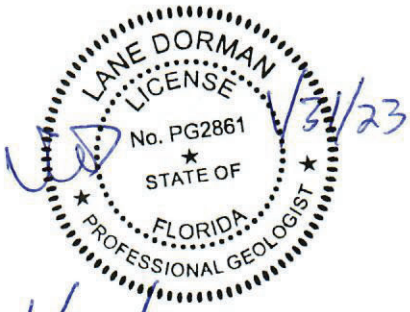

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EXECUTIVE SUMMARY

In accordance with the United States Environmental Protection Agency Coal Combustion Residuals ("CCR") rule (40 Code of Federal Regulations ("CFR") Part 257, Subpart D) ("CCR Rule"), this *2022 Annual Groundwater Monitoring Report* documents CCR groundwater monitoring activities completed in 2022 at Florida Power & Light Company's ("FPL") Gulf Clean Energy Center Ash Landfill No. 1 ("LF1").

FPL installed a CCR groundwater monitoring well network to monitor groundwater within the uppermost aquifer in the vicinity of LF1. Monitoring wells in the LF1 CCR groundwater monitoring well network are listed below:

- background wells: MW-100, MW-101, MW-107, MW-108, MW-306, and MW-307; and
- downgradient wells: MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, and MW-110.

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 LF1 in March 2018 and continued assessment monitoring activities for LF1 through 2022. Semi-annual assessment monitoring groundwater sample collection events for CCR Rule Appendix III and Appendix IV constituents were conducted in March and September 2022.

In 2022, analytical data from the March and September 2022 groundwater sampling events were evaluated in accordance with the *Statistical Analysis Plan* (Groundwater Stats Consulting, 2017) and the *Statistical Analysis Method Certification, 40 CFR 257.93(f), Plant Crist Ash Landfill No. 1* (Gulf Power Company, 2017). Statistical analysis of this data indicated SSIs of the following CCR Rule Appendix III constituents relative to background levels: boron, calcium, chloride, fluoride, sulfate, total dissolved solids ("TDS") and pH as below:

SSI Constituent	Semi-Annual Assessment Monitoring Event	
	March 2022	September 2022
Boron	MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, & MW-110
Calcium	MW-102, MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, & MW-110
Chloride	MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-104, MW-109, & MW-110
Fluoride	MW-104	-
Sulfate	MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-103, MW-104, MW-105, MW-109, & MW-110
TDS	MW-104, MW-105, & MW-110	MW-104, MW-105, & MW-110
pH	MW-104 & MW-105	MW-104 & MW-105

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

SSL Constituent	Semi-Annual Assessment Monitoring Event	
	March 2022	September 2022
Radium 226 and 228 combined (total radium)	MW-104 MW-110	MW-104 MW-110
Mercury	MW-110	MW-110
Cobalt	MW-104 MW-110	MW-104 MW-110

In accordance with the CCR Rule, FPL requested that Geosyntec evaluate the source of SSLs observed in groundwater downgradient of LF1. Geosyntec developed an *Alternate Source Demonstration* (Geosyntec, 2019), which documents that the total radium, mercury, and cobalt SSLs at LF1 are from a source other than LF1. In addition, Geosyntec completed an evaluation of an SSL identified for cobalt at MW-110 that demonstrates that the current alternate source demonstration (Geosyntec, 2019) also applies to cobalt

detected at MW-110 (Appendix D; Geosyntec, 2023). Accordingly, neither assessment of corrective measures nor remedial action will be performed for LF1 at this time. LF1 will remain in assessment monitoring in 2023.

Geosyntec consultants

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1.0 INTRODUCTION

1.1 Overview

On behalf of Florida Power & Light Company ("FPL"), Geosyntec Consultants, Inc. ("Geosyntec") prepared this *2022 Annual Groundwater Monitoring Report* for FPL's Gulf Clean Energy Center ("GCEC") Coal Combustion Residuals ("CCR") unit Ash Landfill No. 1 ("LF1"). The purpose of this report is to present a summary of the CCR groundwater monitoring activities performed at LF1 in 2022. This report has been prepared in accordance with annual reporting requirements of the 40 Code of Federal Regulations ("CFR") Section 257.90(e) ("CCR Rule").

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. LF1 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 LF1 and Groundwater Monitoring System Descriptions

LF1 is a dry ash landfill occupying approximately 57.3 acres.

Pursuant to the CCR Rule, FPL previously installed a CCR groundwater monitoring system around LF1 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 LF1 groundwater monitoring network include:

- background wells: MW-100, MW-101, MW-107, MW-108, MW-306, and MW-307; and
- downgradient wells: MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, and MW-110.

Monitoring well details, including installation dates, coordinates, elevations, screen intervals, and designations are summarized in **Table 1**. The CCR groundwater monitoring well network for LF1 is illustrated in **Figure 2**.

2.0 GROUNDWATER MONITORING ACTIVITIES

The following section describes CCR groundwater monitoring-related activities performed in 2022.

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 2022.

2.2 Semi-Annual Assessment Monitoring Events

Semi-annual assessment monitoring events were conducted in March and September 2022. During the 2022 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 2022 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 LF1. 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 groundwater elevation 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 2022 and September 2022 potentiometric surface maps (**Figures 3** and **4**), the general direction of groundwater flow near LF1 is to the northeast. The groundwater flow patterns observed at LF1 during the March 2022 and September 2022 assessment monitoring events are generally consistent with observations from 2021 (Geosyntec, 2022).

3.2 Groundwater Gradient and Flow Velocity

Groundwater flow rates were calculated based on hydraulic gradients estimated from groundwater elevations during each sampling event and hydraulic conductivity (31 feet per day [ft/day]) documented in the *Hydrogeological and Geotechnical Investigation Report* (SC Generation, 2007). The horizontal hydraulic gradients between MW-101 and MW-109 was calculated based on groundwater elevation data from the 2022 sampling events, resulting in horizontal gradients of approximately 0.003 ft/ft and 0.002 ft/ft between the well pair in March and September 2022, respectively.

Horizontal flow velocity was calculated using a form of Darcy's Law:

$$V=(K*i)/n_e$$

Where:

V=groundwater velocity (ft/day);

K=measured hydraulic conductivity (ft/day);

i=horizontal hydraulic gradient (ft/ft); and

n_e=effective porosity (unitless), which was assumed to be 0.25.

The calculated horizontal groundwater velocities between MW-101 and MW-109 were approximately 0.3 ft/day (110 ft/year) in both March and September 2022.

3.3 Groundwater Sampling

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

3.4 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**.

3.5 Quality Assurance & Quality Control Summary

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

Groundwater quality data from March 2022 were independently validated in accordance with *Region IV Data Validation Standard Operating Procedures* (United States Environmental Protection Agency ("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 *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2017). Data validation report for the March 2022 semi-annual assessment monitoring event is included in **Appendix A.** The data validation report for the September 2022 semi-annual assessment monitoring event along with a revised laboratory report will be included in the 2023 annual report.

4.0 STATISTICAL ANALYSIS

The following section describes the statistical methods and analyses performed in 2022.

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 2022 and September 2022 semi-annual assessment monitoring events in accordance with the *Statistical Analysis Plan* ("SAP") (Groundwater Stats Consulting ("GSC"), 2017) and the *Statistical Analysis Method Certification, 40 CFR 257.93(f), Plant Crist Ash Landfill No. 1* ("SAMC") (Gulf Power Company, 2017).

Statistical analysis of LF1 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), consistent with the SAP (GSC, 2017) and the SAMC (Gulf Power Company, 2017).

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 each Appendix III constituent. 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. The 1-of-2 resample strategy allows for collection of a verification sample when statistically significant increases ("SSIs") are identified. If the most recent constituent concentration exceeded its respective background prediction limit and a verification sample is not collected, an SSI is identified.

4.1.2 Appendix IV Constituent Statistical Method

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

To evaluate statistically significant levels ("SSLs") of CCR Rule Appendix IV constituents, confidence intervals were constructed for each Appendix IV constituent in each downgradient well and compared to the GWPSs. An SSL is identified only when the entire confidence interval is above the GWPS. Other statistical tests, including time-series plots and trend analyses, were performed in accordance with the SAP (GSC, 2017) and the SAMC (Gulf Power Company, 2017). Additional details are presented in the statistical analysis reports for the March 2022 and September 2022 semi-annual assessment monitoring events provided in **Appendices B** and **C**, respectively.

4.2 Statistical Analysis Results

Analytical data from the March 2022 and September 2022 semi-annual assessment monitoring events were evaluated in accordance with the SAP (GSC, 2017) and SAMC (Gulf Power Company, 2017). 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 2022 and September 2022 semi-annual assessment monitoring events differed from background levels. SSIs were identified for the following constituents: boron, calcium, chloride, fluoride, sulfate, total dissolved solids ("TDS"), and pH as below:

SSI Constituent	Semi-Annual Assessment Monitoring Event	
	March 2022	September 2022
Boron	MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, & MW-110
Calcium	MW-102, MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, & MW-110
Chloride	MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-104, MW-109, & MW-110
Fluoride	MW-104	-

SSI Constituent	Semi-Annual Assessment Monitoring Event	
	March 2022	September 2022
Sulfate	MW-103, MW-104, MW-105, MW-109, & MW-110	MW-102, MW-103, MW-104, MW-105, MW-109, & MW-110
TDS	MW-104, MW-105, & MW-110	MW-104, MW-105, & MW-110
pH	MW-104 & MW-105	MW-104 & MW-105

Based on the SSIs, assessment monitoring will continue in 2023.

4.2.2 Appendix IV Constituents Statistical Results

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

SSL Constituent	Semi-Annual Assessment Monitoring Event	
	March 2022	September 2022
Radium 226 and 228 combined (total radium)	MW-104 MW-110	MW-104 MW-110
Mercury	MW-110	MW-110
Cobalt	MW-104 MW-110	MW-104 MW-110

5.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with the CCR Rule, FPL previously prepared an *Alternate Source Demonstration* ("ASD") for total radium, mercury, and cobalt (Geosyntec, 2019). Key conclusions of the ASD are briefly summarized below:

- Naturally-occurring uranium and thorium, both of which decay to radium isotopes, were documented at the Site in an investigation by LBG-Guyton (1998), the results of which were concurred with by FDEP in the *Summary of the February 10, 1999 Meeting with Gulf Power* (FDEP, 1999). The naturally-occurring parent radionuclides and subsequent decay to the components of total radium accounts for the periodic GWPS exceedances observed in LF1 CCR groundwater monitoring wells MW-104 and MW-110. 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.

- The presence of naturally-occurring mercury observed at the Site and documented in investigations by Geosyntec in the *Assessment Report* (Geosyntec, 2014) and *Surface Water Sampling Summary* (Geosyntec, 2017), the results of which were concurred with by FDEP in the *Site Assessment Report* (FDEP, 2015) and *Gulf Power Crist Plant Surface Water Study* (FDEP, 2017b), account for the periodic GWPS exceedances observed in MW-110. Therefore, the mercury observed in MW-110 is leached into groundwater from naturally-occurring Site soils causing the SSL of mercury in groundwater.

- The widespread lateral and vertical distribution of cobalt in subsurface soils across the Site, including samples collected upgradient, downgradient, and side-gradient of LF1, indicate cobalt concentrations at LF1 are naturally occurring. The synthetic precipitation leaching procedure ("SPLP") test of soil samples collected indicated leachate concentrations up to 0.588 milligrams per liter.

- These results along with other observations documented in the ASD (Geosyntec, 2019), indicate an alternate, naturally-occurring source of cobalt that can leach into groundwater. Therefore, cobalt observed in MW-104 is leached into groundwater from naturally-occurring cobalt resulting in the cobalt SSL. Similarly, Geosyntec completed an evaluation of the cobalt SSL at MW-110 that demonstrates that the current alternate source demonstration (Geosyntec, 2019)

also applies to cobalt at MW-110 (Geosyntec, 2023). The additional evaluation is provided in **Appendix D**.

6.0 CONCLUSIONS & FUTURE ACTIONS

SSLs of certain CCR Rule Appendix IV constituents (total radium, mercury, and cobalt) were identified relative to GWPSs at LF1 in 2022. In accordance with the CCR Rule, an ASD was previously prepared for the SSLs which document that a source other than LF1 caused the SSLs. In addition, Geosyntec completed an evaluation that demonstrates that the current alternate source demonstration (Geosyntec, 2019) applies to the cobalt detected at MW-110; the evaluation is included in **Appendix D**. Therefore, an assessment of corrective measures will not be performed at this time and assessment monitoring will continue in 2023.

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TABLES

TABLE 1: GROUNDWATER MONITORING LOCATION DETAILS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 1, 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	-1.9	-11.9	Background
MW-102	11/10/2015	576886.86	1108472.89	112.59	112.17	2.59	-7.41	Downgradient
MW-103	11/7/2015	577354.11	1109233.05	121.28	120.79	11.28	1.28	Downgradient
MW-104	11/4/2015	578494.34	1108915.77	65.15	68.25	-4.85	-14.85	Downgradient
MW-105	11/17/2015	579092.61	1108688.61	27.39	30.53	-2.61	-12.61	Downgradient
MW-106	11/3/2015	578765.08	1107895.05	74.8	77.99	-5.2	-15.2	Downgradient
MW-107	11/17/2015	577201.66	1107442.83	111.4	114.71	1.4	-8.6	Background
MW-108	11/17/2015	576208.36	1107577.06	80.51	83.54	-4.49	-14.49	Background
MW-109	11/20/2015	577624.83	1109293.64	116.82	119.85	-2.68	-12.68	Downgradient
MW-110	11/21/2015	578095.94	1109139.45	87.3	90.33	-17.7	-27.7	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

Notes:

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

TABLE 2: SUMMARY OF 2022 GROUNDWATER SAMPLING EVENTS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 1, Pensacola, Florida

Monitoring Location	Semi-Annual Assessment Monitoring Event 1	Semi-Annual Assessment Monitoring Event 2
MW-100	3/22/2022	9/7/2022
MW-101	3/22/2022	9/7/2022
MW-102	3/23/2022	9/9/2022
MW-103	3/24/2022	9/9/2022
MW-104	3/23/2022	9/9/2022
MW-105	3/23/2022	9/9/2022
MW-106	3/23/2022	9/8/2022
MW-107	3/22/2022	9/7/2022
MW-108	3/22/2022	9/8/2022
MW-109	3/23/2022	9/8/2022
MW-110	3/23/2022	9/9/2022
MW-306	3/22/2022	9/8/2022
MW-307	3/22/2022	9/8/2022

Notes:

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

TABLE 3: SUMMARY OF 2022 GROUNDWATER LABORATORY ANALYTICAL DATA
Florida Power & Light Company - Gulf Clean Energy Center Landfill 1, 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	3/22/2022	0.00030 U	0.00024 U	0.019	0.00018 U	0.013 V	0.00013 U	0.90	5.9	0.0046	0.0014	1.75	0.070 U	0.00016 U	0.0013	0.00015 U	0.00066 I	4.90	0.00016 U	1.4 U	58	0.000092 U
MW-101	Background	3/22/2022	0.00030 U	0.00024 U	0.0092	0.00018 U	0.012 V	0.00013 U	0.38	4.9	0.0051	0.0012	1.10	0.070 U	0.00016 U	0.0014	0.00015 U	0.00064 I	5.02	0.00016 U	1.4 U	14	0.000092 U
MW-107	Background	3/22/2022	0.00030 U	0.00024 U	0.010	0.00018 U	0.013 V	0.00013 U	0.33	4.7	0.00032 I	0.00038 I	1.78	0.070 U	0.00016 U	0.00098 U	0.00015 U	0.00026 U	4.91	0.00016 U	1.4 U	18	0.000092 U
MW-108	Background	3/22/2022	0.00030 U	0.00027	0.012	0.00018 U	0.017 V	0.00013 U	1.6	8.8	0.00027 I	0.00020 I	3.12	0.070 U	0.00016 U	0.00098 U	0.00015 U	0.00026 U	4.89	0.00051	4.5 I	46	0.000092 U
MW-306	Background	3/22/2022	0.00030 U	0.00024 U	0.013	0.00018 U	0.0090 I V	0.00013 U	0.81	5.6	0.0088	0.0014	1.33	0.070 U	0.00016 U	0.0012	0.00015 U	0.0011 I	5.10	0.00016 U	1.4 U	84	0.000092 U
MW-307	Background	3/22/2022	0.00030 U	0.00024 U	0.018	0.00018 U	0.0063 I V	0.00013 U	0.70	4.8	0.0022	0.0016	1.32	0.070 U	0.00016 U	0.00098 U	0.00015 U	0.00031 I	5.18	0.00016 U	1.4 U	22	0.000092 U
MW-102	Downgradient	3/23/2022	0.00030 U	0.00024 U	0.013	0.00018 U	0.017 V	0.00013 U	2.0	6.9	0.0063	0.00088	2.18	0.070 U	0.00016 U	0.00098 U	0.00015 U	0.00091 I	5.02	0.00025	1.8 I	36	0.000092 U
MW-103	Downgradient	3/24/2022	0.00030 U	0.00024 U	0.027	0.00018 U	0.20	0.00013 U	3.6	9.8	0.0030	0.00026 I	4.52	0.070 U	0.00016 U	0.00099 I	0.00015 U	0.00092 I	5.02	0.0014	28	90	0.000092 U
MW-104	Downgradient	3/23/2022	0.0015 U	0.0018	0.030	0.00092 U	8.7	0.00065 U	71	120	0.0010 I	0.023	16.5	0.30	0.0018	0.020	0.00032	0.0013 U	4.15	0.0067	560	1300	0.00046 U
MW-105	Downgradient	3/23/2022	0.00030 U	0.0073	0.027	0.00018 U	0.23	0.00013 U	62	10	0.00073	0.00017 I	1.79	0.070 U	0.00016 U	0.00098 U	0.00015 U	0.0089	6.48	0.00023 I	24	230	0.000092 U
MW-106	Downgradient	3/23/2022	0.00030 U	0.00024 U	0.012	0.00018 U	0.0074 I V	0.00013 U	0.48	4.1	0.0044	0.00099	1.17	0.070 U	0.00016 U	0.00098 U	0.00015 U	0.00068 I	4.99	0.00016 U	1.4 U	30	0.000092 U
MW-109	Downgradient	3/23/2022	0.00030 U	0.00024 U	0.020	0.00018 U	0.36	0.00013 U	4.8	28	0.0061	0.0094	3.57	0.070 U	0.00016 U	0.0062	0.00047	0.00090 I	5.00	0.00035	28	90	0.000092 U
MW-110	Downgradient	3/23/2022	0.0015 U	0.0012 U	0.024	0.00092 U	4.5	0.00065 U	28	110	0.0025	0.013	6.71	0.070 U	0.00081 U	0.011	0.0034	0.0013 U	5.01	0.0034	270	630	0.00046 U
Semi-Annual Assessment Monitoring Event 2																							
MW-100	Background	9/7/2022	0.0015 U	0.0012 U	0.019	0.00092 U	0.031 I	0.00065 U	1.0 V	4.4	0.0010 U	0.00056 U	2.00	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.72	0.00082 U	1.7 I	36	0.00046 U
MW-101	Background	9/7/2022	0.0015 U	0.0012 U	0.0089	0.00092 U	0.029 I	0.00065 U	0.60 V	3.4	0.0010 U	0.00056 U	1.32	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.89	0.00082 U	1.5 I	14	0.00046 U
MW-107	Background	9/7/2022	0.0015 U	0.0012 U	0.012	0.00092 U	0.031 I	0.00065 U	0.61	3.6	0.0010 U	0.00056 U	1.46	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.92	0.00082 U	1.4 I	22	0.00046 U
MW-108	Background	9/8/2022	0.0015 U	0.0012 U	0.012	0.00092 U	0.055 V	0.00065 U	2.1	3.4	0.0010 U	0.00056 U	3.32	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.78	0.00082 U	5.5	44	0.00046 U
MW-306	Background	9/8/2022	0.0015 U	0.0012 U	0.012	0.00092 U	0.027 I	0.00065 U	0.69	4.3	0.0010 U	0.00056 U	0.936	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.87	0.00082 U	1.4 U	24	0.00046 U
MW-307	Background	9/8/2022	0.0015 U	0.0012 U	0.017	0.00092 U	0.025 I	0.00065 U	0.82	5.3	0.0010 U	0.00064 I	1.36	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	5.13	0.0034	1.4 U	48	0.00046 U
MW-102	Downgradient	9/9/2022	0.0015 U	0.0012 U	0.030	0.00092 U	0.13	0.00065 U	12	11	0.0010 U	0.00056 U	5.92	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.96	0.0044	27	62	0.00046 U
MW-103	Downgradient	9/9/2022	0.0015 U	0.0012 U	0.018	0.00092 U	0.22	0.00065 U	3.3	6.9	0.0010 U	0.00056 U	3.16	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	5.19	0.0012 I	20	48	0.00046 U
MW-104	Downgradient	9/9/2022	0.0015 U	0.010	0.035	0.00092 U	14	0.00065 U	110	140	0.0010 U	0.032	21.2	2.8 U	0.0021	0.015	0.00082	0.0013 U	4.08	0.020	870	1400	0.00051
MW-105	Downgradient	9/9/2022	0.0015 U	0.0048	0.024	0.00092 U	0.50	0.00065 U	57	6.2	0.0020 I	0.00056 U	2.04	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0044 I	6.47	0.0014	17	200	0.00046 U
MW-106	Downgradient	9/8/2022	0.0015 U	0.0012 U	0.012	0.00092 U	0.097	0.00065 U	1.6	3.3	0.0010 U	0.00056 U	1.49	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	5.00	0.0016	1.4 U	18	0.00046 U
MW-109	Downgradient	9/8/2022	0.0015 U	0.0012 U	0.017	0.00092 U	0.45	0.00065 U	6.0	17	0.0010 U	0.0077	2.78	0.14 U	0.00081 U	0.0049 U	0.00041	0.0013 U	4.82	0.0020	34	80	0.00046 U
MW-110	Downgradient	9/9/2022	0.0015 U	0.0012 U	0.023	0.00092 U	4.4	0.00065 U	26	84	0.0010 U	0.019	6.33	0.14 U	0.00081 U	0.0060	0.0036	0.0013 U	4.68	0.0045	270	560	0.00046 U

Notes:
1. "mg/L" indicates milligrams per liter, "pCi/L" indicates picocuries per liter, "SU" indicates standard units.
2. "TDS" indicates total dissolved solids.
3. "U" indicates analyte was analyzed but not detected.
4. "V" indicates that the analyte was detected at or above the method detection limit in both the sample and associated method blank and the value of 10 times the blank was equal to or greater than the associated sample value (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 is being performed on both the semi-annual assessment monitoring (AM01 & AM02) events of 2022. Data validation flags are not included in Table 3. Data validation reports for 2022 AM01 data are included in Appendix A. Data validation reports for 2022 AM02 data will be included in the 2023 annual report.
7. Total radium is defined as the combined concentrations of radium 226 and radium 228.

TABLE 4: SUMMARY OF 2022 GROUNDWATER ELEVATIONS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 1, Pensacola, Florida

Monitoring Location	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	3/21/2022	88.87	14.16
MW-101	577158.45	1107724.27	108.00	3/21/2022	94.05	13.95
MW-102	576886.86	1108472.89	112.17	3/23/2022	100.42	11.75
MW-103	577354.11	1109233.05	120.79	3/21/2022	110.75	10.04
MW-104	578494.34	1108915.77	68.25	3/21/2022	58.11	10.14
MW-105	579092.61	1108688.61	30.53	3/21/2022	20.72	9.81
MW-106	578765.08	1107895.05	77.99	3/21/2022	65.86	12.13
MW-107	577201.66	1107442.83	114.71	3/21/2022	99.55	15.16
MW-108	576208.36	1107577.06	83.54	3/21/2022	67.18	16.36
MW-109	577624.83	1109293.64	119.85	3/21/2022	110.09	9.76
MW-110	578095.94	1109139.45	90.33	3/21/2022	80.36	9.97
MW-306	578417.11	1106200.44	70.56	3/21/2022	54.67	15.89
MW-307	578209.77	1106865.99	104.18	3/21/2022	89.83	14.35

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.
4. The depth to water measurement at MW-102 collected on 3/21/22 was erroneous. The purge log depth to water collected on 3/23/22 was substituted for the groundwater elevation at this location.

TABLE 4: SUMMARY OF 2022 GROUNDWATER ELEVATIONS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 1, Pensacola, Florida

Monitoring Location	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	9/7/2022	88.45	14.58
MW-101	577158.45	1107724.27	108.00	9/6/2022	93.58	14.42
MW-102	576886.86	1108472.89	112.17	9/6/2022	98.82	13.35
MW-103	577354.11	1109233.05	120.79	9/6/2022	109.79	11.00
MW-104	578494.34	1108915.77	68.25	9/6/2022	57.26	10.99
MW-105	579092.61	1108688.61	30.53	9/6/2022	19.51	11.02
MW-106	578765.08	1107895.05	77.99	9/6/2022	64.83	13.16
MW-107	577201.66	1107442.83	114.71	9/6/2022	99.57	15.14
MW-108	576208.36	1107577.06	83.54	9/6/2022	67.65	15.89
MW-109	577624.83	1109293.64	119.85	9/6/2022	109.23	10.62
MW-110	578095.94	1109139.45	90.33	9/6/2022	79.64	10.69
MW-306	578417.11	1106200.44	70.56	9/6/2022	54.42	16.14
MW-307	578209.77	1106865.99	104.18	9/6/2022	88.85	15.33

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.
4. The depth to water measurement at MW-100 collected on 9/6/22 was erroneous. The purge log depth to water collected on 9/7/22 was substituted for the groundwater elevation at this location.

TABLE 5: SUMMARY OF BACKGROUND LIMITS AND GROUNDWATER PROTECTION STANDARDS
Florida Power & Light Company - Gulf Clean Energy Center Landfill 1, Pensacola, Florida

Analyte	Units[1]	USEPA CCR Rule Specified Limit[1]	March 2022		September 2022	
			Background[3]	Site-Specific GWPS[1,4]	Background[3]	Site-Specific GWPS[1,4]
Antimony	mg/L	0.006	0.0005	0.006	0.0025	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	0.0025	0.004
Cadmium	mg/L	0.005	0.0005	0.005	0.0025	0.005
Chromium	mg/L	0.1	0.0088	0.1	0.0088	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	0.0042	0.1	0.0150	0.1
Selenium	mg/L	0.05	0.0025	0.05	0.0034	0.05
Thallium	mg/L	0.002	0.00015	0.002	0.00050	0.002
Total Radium[5]	pCi/L	5	2.33	5	2.48	5

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

FIGURES



Legend

- Approximate Ash Landfill No. 1 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 2022 Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.
4. Source of inset World Street Map: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community.

Site Location Map - Ash Landfill No. 1

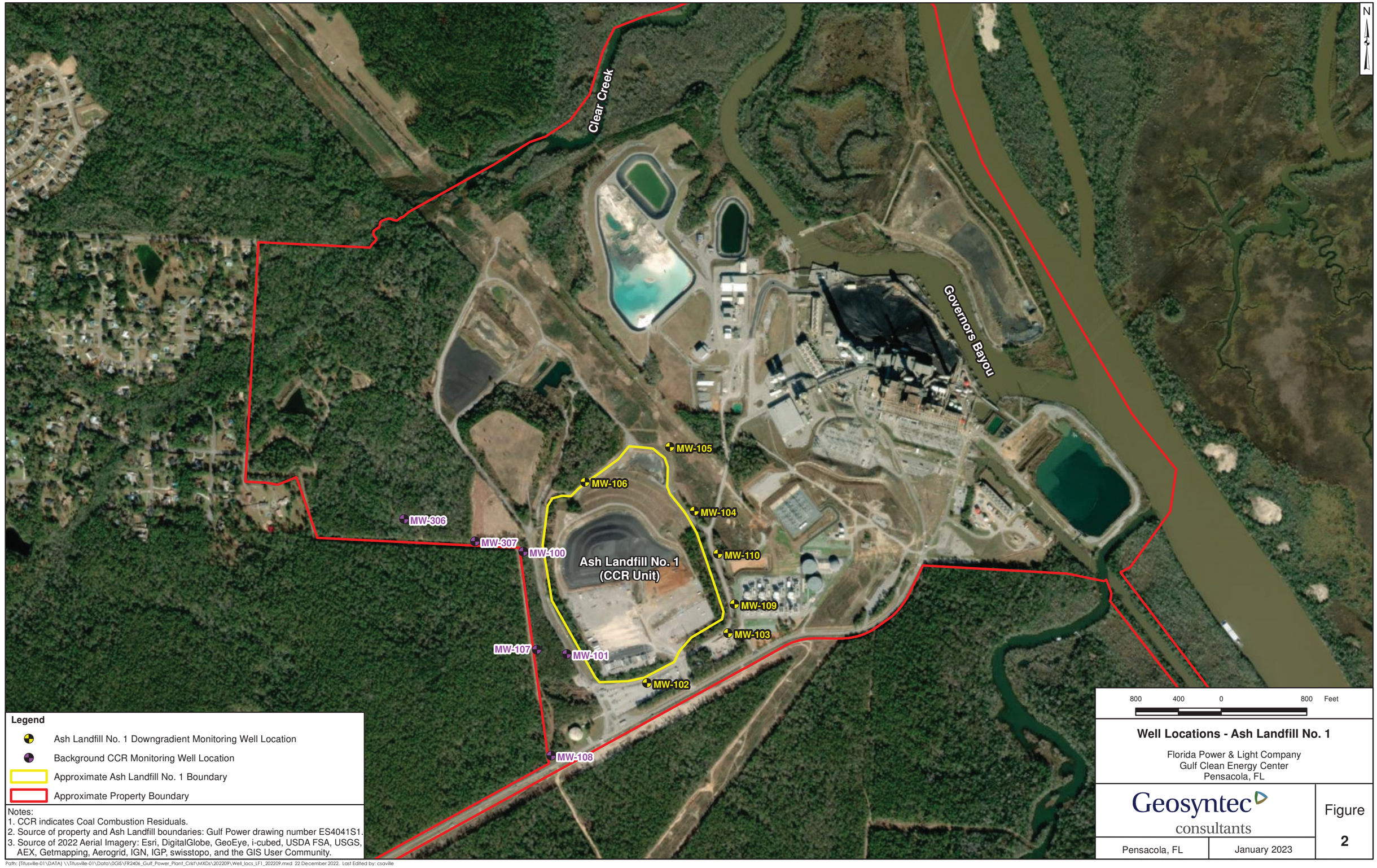
Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2023

Figure 1

Path: (Tifusville-01\DATA) \\Tifusville-01\Data\0GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202209\LF1_SiteLocationMap.mxd 21 December 2022. Last Edited by: csaville



Legend

- Ash Landfill No. 1 Downgradient Monitoring Well Location
- Background CCR Monitoring Well Location
- Approximate Ash Landfill No. 1 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 2022 Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Well Locations - Ash Landfill No. 1

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

Geosyntec consultants

Pensacola, FL | January 2023

Figure 2

Path: (Titusville-01\DATA) \\Titusville-01\Data\0GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202209\Well_locs_LF1_202209.mxd 22 December 2022. Last Edited by: csaville



Legend

- Ash Landfill No. 1 CCR Downgradient Monitoring Well Location
- Ash Landfill No. 2 CCR Downgradient Monitoring Well Location
- Ash Landfill No. 2 Piezometer Location
- Downgradient GSA CCR Monitoring Well Location
- Background CCR Monitoring Well Location
- Upgradient GSA CCR Monitoring Well Location
- Shallow Delineation Piezometer and Well Location
- Deep Delineation Piezometer and Well Location
- Groundwater Elevation Contour (ft NAVD88, dashed where inferred)
- Groundwater Flow Direction
- Approximate Ash Landfill No. 1 Boundary
- Approximate Property Boundary
- [16.36] 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. Groundwater elevations at monitoring wells PZ-200D, PZ-201D, PZ-203D, and MW2032 were not used for potentiometric surface interpretation.
5. † indicates the depth to water measurement at MW-102 collected on 21 March 2022 was erroneous. The purge log depth to water collected on 23 March 2022 was substituted for the groundwater elevation at this location.
6. Source of property and Gypsum Storage Area boundaries: Gulf Power drawing number ES4041S1.
7. Source of 2022 Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Groundwater Elevation Map
21 March 2022
Ash Landfill No. 1

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

Geosyntec consultants

Pensacola, FL | January 2023

Figure 3

Path: (Titusville-01\DATA) \\Titusville-01\Data\0GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202209\LF1_GW_elev_Mar2022.mxd 12 January 2023, Last Edited by: csaville



Legend

- Ash Landfill No. 1 CCR Downgradient Monitoring Well Location
- Ash Landfill No. 2 CCR Downgradient Monitoring Well Location
- Ash Landfill No. 2 Piezometer Location
- Downgradient GSA CCR Monitoring Well Location
- Background CCR Monitoring Well Location
- Upgradient GSA CCR Monitoring Well Location
- Shallow Delineation Piezometer and Well Location
- Deep Delineation Piezometer and Well Location
- Groundwater Elevation Contour (ft NAVD88, dashed where inferred)
- Groundwater Flow Direction
- Approximate Ash Landfill No. 1 Boundary
- Approximate Property Boundary
- [11.22] 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. Groundwater elevations at monitoring wells PZ-200D, PZ-201D, PZ-203D, MW-302, and MW2032 were not used for potentiometric surface interpretation.
5. † indicates the depth to water measurement at MW-100 collected on 6 September 2022 was erroneous. The purge log depth to water collected on 7 September 2022 was substituted for the groundwater elevation at this location.
6. Source of property and Gypsum Storage Area boundaries: Gulf Power drawing number ES4041S1.
7. Source of 2022 Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Groundwater Elevation Map
6 September 2022
Ash Landfill No. 1

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

Geosyntec consultants

Pensacola, FL | January 2023

Figure 4

Path: [Titusville-01\DATA] \\Titusville-01\Data\0GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202209\LF1_GW_elev_Sep2022.mxd 24 January 2023. Last Edited by: csaville

APPENDIX A

Laboratory Analytical, Field Sampling Reports, and March 2022 Data Validation Report

Low-Flow Test Report:

Test Date / Time: 3/22/2022 1:12:11 PM
Project: Crist plant CCR
Operator Name: Philip Evans

Location Name: Crist plant MW-100 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 109 ft** **Total Depth: 119 ft** **Initial Depth to Water: 88.52 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 114 ft** **Estimated Total Volume Pumped: 16000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1400. Cloudy 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	
3/22/2022 1:12 PM	00:00	5.11 pH	23.33 °C	38.18 µS/cm	6.25 mg/L	1.89 NTU	189.5 mV	88.57 ft	400.00 ml/min
3/22/2022 1:17 PM	05:00	5.03 pH	25.35 °C	40.07 µS/cm	7.08 mg/L	1.60 NTU	188.2 mV	88.57 ft	400.00 ml/min
3/22/2022 1:22 PM	10:00	4.95 pH	26.60 °C	40.34 µS/cm	7.90 mg/L	1.57 NTU	188.1 mV	88.57 ft	400.00 ml/min
3/22/2022 1:27 PM	15:00	4.94 pH	26.96 °C	40.14 µS/cm	7.94 mg/L	1.40 NTU	188.2 mV	88.57 ft	400.00 ml/min
3/22/2022 1:32 PM	20:00	4.92 pH	27.29 °C	40.35 µS/cm	8.14 mg/L	1.33 NTU	188.8 mV	88.57 ft	400.00 ml/min
3/22/2022 1:37 PM	25:00	4.91 pH	27.50 °C	40.35 µS/cm	8.20 mg/L	1.22 NTU	189.3 mV	88.57 ft	400.00 ml/min
3/22/2022 1:42 PM	30:00	4.91 pH	27.75 °C	40.33 µS/cm	8.27 mg/L	1.14 NTU	189.9 mV	88.57 ft	400.00 ml/min
3/22/2022 1:47 PM	35:00	4.90 pH	27.89 °C	40.29 µS/cm	8.25 mg/L	1.01 NTU	190.5 mV	88.57 ft	400.00 ml/min
3/22/2022 1:52 PM	40:00	4.90 pH	27.93 °C	40.32 µS/cm	8.25 mg/L	0.95 NTU	191.0 mV	88.57 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-100	Sample time @ 1400. Cloudy 70.

Low-Flow Test Report:

Test Date / Time: 3/22/2022 11:54:00 AM
Project: Crist plant CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-101 **Well Diameter: 0.2 in** **Screen Length: 10 ft** **Top of Screen: 108 ft** **Total Depth: 118 ft** **Initial Depth to Water: 93.7 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 113 ft** **Estimated Total Volume Pumped: 16000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1240. Cloudy 74.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/22/2022 11:54 AM	00:00	5.32 pH	22.63 °C	21.93 µS/cm	9.08 mg/L	3.49 NTU	158.0 mV	93.74 ft	400.00 ml/min
3/22/2022 11:59 AM	05:00	5.12 pH	25.23 °C	22.55 µS/cm	9.53 mg/L	3.12 NTU	157.6 mV	93.74 ft	400.00 ml/min
3/22/2022 12:04 PM	10:00	5.07 pH	26.45 °C	22.55 µS/cm	9.30 mg/L	2.80 NTU	159.2 mV	93.74 ft	400.00 ml/min
3/22/2022 12:09 PM	15:00	5.05 pH	26.81 °C	22.70 µS/cm	9.22 mg/L	2.40 NTU	161.6 mV	93.74 ft	400.00 ml/min
3/22/2022 12:14 PM	20:00	5.02 pH	27.12 °C	22.79 µS/cm	9.06 mg/L	2.17 NTU	167.2 mV	93.74 ft	400.00 ml/min
3/22/2022 12:19 PM	25:00	5.03 pH	27.21 °C	22.80 µS/cm	8.95 mg/L	2.08 NTU	165.9 mV	93.74 ft	400.00 ml/min
3/22/2022 12:24 PM	30:00	5.03 pH	27.48 °C	22.78 µS/cm	8.85 mg/L	1.68 NTU	168.0 mV	93.74 ft	400.00 ml/min
3/22/2022 12:29 PM	35:00	5.03 pH	27.56 °C	22.81 µS/cm	9.03 mg/L	1.51 NTU	169.6 mV	93.74 ft	400.00 ml/min
3/22/2022 12:34 PM	40:00	5.02 pH	27.61 °C	22.83 µS/cm	9.00 mg/L	1.46 NTU	171.7 mV	93.74 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-101	Sample time @ 1240. Cloudy 74.

Low-Flow Test Report:

Test Date / Time: 3/22/2022 9:40:03 AM
Project: GCEC MW-107
Operator Name: Brett Surles

Location Name: GCEC MW-107 **Well Diameter: 2 in** **Casing Type: PE** **Screen Length: 10 ft** **Top of Screen: 114 ft** **Total Depth: 124 ft** **Initial Depth to Water: 99.14 ft**	**Pump Type: QED** **Tubing Type: Cloudy 70** **Pump Intake From TOC: 117 ft** **Estimated Total Volume Pumped: 14 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.31 ft**	**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	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/22/2022 9:40 AM	00:00	5.16 pH	21.47 °C	31.71 µS/cm	8.96 mg/L	4.92 NTU	141.6 mV	99.45 ft	400.00 ml/min
3/22/2022 9:45 AM	05:00	5.02 pH	21.12 °C	30.46 µS/cm	8.95 mg/L	1.98 NTU	173.5 mV	99.45 ft	400.00 ml/min
3/22/2022 9:50 AM	10:00	4.98 pH	21.03 °C	30.38 µS/cm	8.96 mg/L	0.61 NTU	105.5 mV	99.45 ft	400.00 ml/min
3/22/2022 9:55 AM	15:00	4.95 pH	21.03 °C	30.34 µS/cm	8.96 mg/L	3.04 NTU	104.2 mV	99.45 ft	400.00 ml/min
3/22/2022 10:00 AM	20:00	4.92 pH	21.05 °C	30.19 µS/cm	8.96 mg/L	4.56 NTU	167.7 mV	99.45 ft	400.00 ml/min
3/22/2022 10:05 AM	25:00	4.91 pH	21.13 °C	29.99 µS/cm	8.93 mg/L	4.19 NTU	104.8 mV	99.45 ft	400.00 ml/min
3/22/2022 10:10 AM	30:00	4.90 pH	21.13 °C	29.94 µS/cm	8.91 mg/L	2.69 NTU	104.0 mV	99.45 ft	400.00 ml/min
3/22/2022 10:15 AM	35:00	4.91 pH	21.08 °C	29.82 µS/cm	9.02 mg/L	2.03 NTU	106.6 mV	99.45 ft	400.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/22/2022 7:00:07 AM
Project: MW-108
Operator Name: Brett Surles

Location Name: GCEC MW-108 **Well Diameter: 2 in** **Casing Type: PE** **Screen Length: 10 ft** **Top of Screen: 87.9 ft** **Total Depth: 97.9 ft** **Initial Depth to Water: 66.8 ft**	**Pump Type: QED** **Tubing Type: PE** **Pump Intake From TOC: 92.9 m** **Estimated Total Volume Pumped: 30 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:
Sample@0817

Weather Conditions:
Cloudy 65

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/22/2022 7:00 AM	00:00	5.45 pH	19.51 °C	146.51 µS/cm	8.59 mg/L	4.62 NTU	168.7 mV	66.80 ft	400.00 ml/min
3/22/2022 7:05 AM	05:00	4.80 pH	20.46 °C	62.71 µS/cm	9.69 mg/L	5.41 NTU	125.0 mV	66.80 ft	400.00 ml/min
3/22/2022 7:10 AM	10:00	4.78 pH	20.59 °C	62.88 µS/cm	10.65 mg/L	3.70 NTU	118.4 mV	66.80 ft	400.00 ml/min
3/22/2022 7:15 AM	15:00	4.80 pH	20.60 °C	62.86 µS/cm	10.69 mg/L	3.60 NTU	111.1 mV	66.80 ft	400.00 ml/min
3/22/2022 7:20 AM	20:00	4.80 pH	20.53 °C	60.97 µS/cm	10.96 mg/L	2.32 NTU	108.0 mV	66.80 ft	400.00 ml/min
3/22/2022 7:25 AM	25:00	4.80 pH	20.51 °C	60.85 µS/cm	11.15 mg/L	2.22 NTU	177.3 mV	66.80 ft	400.00 ml/min
3/22/2022 7:30 AM	30:00	4.81 pH	20.47 °C	59.96 µS/cm	11.37 mg/L	1.63 NTU	107.7 mV	66.80 ft	400.00 ml/min
3/22/2022 7:35 AM	35:00	4.80 pH	20.46 °C	59.66 µS/cm	11.30 mg/L	2.38 NTU	109.5 mV	66.80 ft	400.00 ml/min
3/22/2022 7:40 AM	40:00	4.82 pH	20.46 °C	59.59 µS/cm	11.30 mg/L	1.95 NTU	173.1 mV	66.80 ft	400.00 ml/min
3/22/2022 7:45 AM	45:00	4.83 pH	20.46 °C	59.60 µS/cm	11.58 mg/L	1.75 NTU	107.7 mV	66.80 ft	400.00 ml/min
3/22/2022 7:50 AM	50:00	4.85 pH	20.51 °C	59.76 µS/cm	11.81 mg/L	2.16 NTU	105.8 mV	66.80 ft	400.00 ml/min
3/22/2022 7:55 AM	55:00	4.84 pH	20.55 °C	59.70 µS/cm	11.74 mg/L	2.58 NTU	107.3 mV	66.80 ft	400.00 ml/min
3/22/2022 8:00 AM	01:00:00	4.85 pH	20.57 °C	59.45 µS/cm	11.48 mg/L	1.89 NTU	105.8 mV	66.80 ft	400.00 ml/min

3/22/2022 8:05 AM	01:05:00	4.87 pH	20.59 °C	59.43 µS/cm	11.46 mg/L	1.47 NTU	170.3 mV	66.80 ft	400.00 ml/min
3/22/2022 8:10 AM	01:10:00	4.88 pH	20.67 °C	59.35 µS/cm	11.50 mg/L	1.58 NTU	167.7 mV	66.80 ft	400.00 ml/min
3/22/2022 8:15 AM	01:15:00	4.89 pH	20.72 °C	59.14 µS/cm	11.53 mg/L	1.50 NTU	102.5 mV	66.80 ft	400.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/22/2022 8:40:13 AM
Project: Crist 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: 54.47 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 88 ft** **Estimated Total Volume Pumped: 10000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 0910. Cloudy 72.

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	
3/22/2022 8:40 AM	00:00	8.33 pH	20.31 °C	32.05 µS/cm	8.45 mg/L	1.84 NTU	107.5 mV	54.52 ft	400.00 ml/min
3/22/2022 8:45 AM	05:00	6.31 pH	22.12 °C	30.97 µS/cm	8.08 mg/L	1.70 NTU	106.3 mV	54.52 ft	400.00 ml/min
3/22/2022 8:50 AM	10:00	5.36 pH	22.93 °C	30.38 µS/cm	7.97 mg/L	1.52 NTU	109.9 mV	54.52 ft	400.00 ml/min
3/22/2022 8:55 AM	15:00	5.17 pH	23.23 °C	29.92 µS/cm	7.88 mg/L	1.38 NTU	113.4 mV	54.52 ft	400.00 ml/min
3/22/2022 9:00 AM	20:00	5.12 pH	23.15 °C	29.81 µS/cm	7.82 mg/L	1.18 NTU	118.0 mV	54.52 ft	400.00 ml/min
3/22/2022 9:05 AM	25:00	5.10 pH	23.35 °C	29.79 µS/cm	7.80 mg/L	1.11 NTU	122.0 mV	54.52 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-306	Sample time @ 0910. Cloudy 72.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/22/2022 9:43:35 AM
Project: Crist CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-307 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 113 ft** **Total Depth: 123 ft** **Initial Depth to Water: 88.85 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 118 ft** **Estimated Total Volume Pumped: 22000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1045. Cloudy 72. DUP-01@ fake time 0945.

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	
3/22/2022 9:43 AM	00:00	5.32 pH	21.52 °C	32.93 µS/cm	3.41 mg/L	1.12 NTU	154.5 mV	88.89 ft	400.00 ml/min
3/22/2022 9:48 AM	05:00	5.31 pH	24.55 °C	33.85 µS/cm	3.22 mg/L	1.10 NTU	153.6 mV	88.89 ft	400.00 ml/min
3/22/2022 9:53 AM	10:00	5.31 pH	25.23 °C	33.84 µS/cm	3.17 mg/L	1.03 NTU	153.9 mV	88.89 ft	400.00 ml/min
3/22/2022 9:58 AM	15:00	5.25 pH	25.41 °C	32.09 µS/cm	4.01 mg/L	0.97 NTU	152.7 mV	88.89 ft	400.00 ml/min
3/22/2022 10:03 AM	20:00	5.22 pH	25.41 °C	30.67 µS/cm	5.13 mg/L	0.94 NTU	150.0 mV	88.89 ft	400.00 ml/min
3/22/2022 10:08 AM	25:00	5.22 pH	25.58 °C	30.59 µS/cm	5.75 mg/L	0.89 NTU	148.5 mV	88.89 ft	400.00 ml/min
3/22/2022 10:13 AM	30:00	5.20 pH	25.71 °C	30.31 µS/cm	6.22 mg/L	0.80 NTU	149.0 mV	88.89 ft	400.00 ml/min
3/22/2022 10:18 AM	35:00	5.19 pH	25.90 °C	30.75 µS/cm	6.50 mg/L	0.74 NTU	148.6 mV	88.89 ft	400.00 ml/min
3/22/2022 10:23 AM	40:00	5.19 pH	25.95 °C	30.98 µS/cm	6.63 mg/L	0.66 NTU	149.0 mV	88.89 ft	400.00 ml/min
3/22/2022 10:28 AM	45:00	5.19 pH	26.05 °C	31.09 µS/cm	6.79 mg/L	0.61 NTU	149.0 mV	88.89 ft	400.00 ml/min
3/22/2022 10:33 AM	50:00	5.19 pH	26.12 °C	31.13 µS/cm	6.85 mg/L	0.56 NTU	149.5 mV	88.89 ft	400.00 ml/min
3/22/2022 10:38 AM	55:00	5.18 pH	26.09 °C	31.20 µS/cm	6.85 mg/L	0.49 NTU	150.6 mV	88.89 ft	400.00 ml/min

Samples

Sample ID:	Description:

MW-307	Sample time @ 1045. Cloudy 72. DUP-01@ fake time 0945.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/23/2022 2:06:40 PM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC MW-102 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 110.1 ft** **Total Depth: 120.1 ft** **Initial Depth to Water: 100.4 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 115.1 ft** **Estimated Total Volume Pumped: 20000 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 @ 1500. 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	
3/23/2022 2:06 PM	00:00	5.25 pH	25.29 °C	37.60 µS/cm	7.20 mg/L	4.18 NTU	158.1 mV	100.42 ft	400.00 ml/min
3/23/2022 2:11 PM	05:00	5.25 pH	23.96 °C	41.44 µS/cm	8.12 mg/L	3.40 NTU	157.7 mV	100.42 ft	400.00 ml/min
3/23/2022 2:16 PM	10:00	5.14 pH	26.83 °C	41.21 µS/cm	7.95 mg/L	2.94 NTU	158.4 mV	100.42 ft	400.00 ml/min
3/23/2022 2:21 PM	15:00	5.08 pH	27.63 °C	41.03 µS/cm	7.66 mg/L	2.26 NTU	159.2 mV	100.42 ft	400.00 ml/min
3/23/2022 2:26 PM	20:00	5.06 pH	27.80 °C	40.91 µS/cm	7.72 mg/L	2.04 NTU	160.4 mV	100.42 ft	400.00 ml/min
3/23/2022 2:31 PM	25:00	5.05 pH	27.91 °C	41.09 µS/cm	7.78 mg/L	1.96 NTU	162.1 mV	100.42 ft	400.00 ml/min
3/23/2022 2:36 PM	30:00	5.05 pH	28.08 °C	41.00 µS/cm	7.70 mg/L	1.90 NTU	162.8 mV	100.42 ft	400.00 ml/min
3/23/2022 2:41 PM	35:00	5.04 pH	28.51 °C	41.09 µS/cm	7.89 mg/L	1.92 NTU	163.9 mV	100.42 ft	400.00 ml/min
3/23/2022 2:46 PM	40:00	5.03 pH	28.16 °C	41.01 µS/cm	7.91 mg/L	1.95 NTU	165.2 mV	100.42 ft	400.00 ml/min
3/23/2022 2:51 PM	45:00	5.02 pH	28.35 °C	41.97 µS/cm	8.00 mg/L	1.91 NTU	166.3 mV	100.42 ft	400.00 ml/min
3/23/2022 2:56 PM	50:00	5.02 pH	28.35 °C	41.45 µS/cm	7.86 mg/L	1.93 NTU	167.5 mV	100.42 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-102	Sample time @ 1500. Sunny 82.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/24/2022 12:03:31 PM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC MW-103 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 110 ft** **Total Depth: 120 ft** **Initial Depth to Water: 110.72 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 115 ft** **Estimated Total Volume Pumped: 40000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1350. Sunny 75.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/24/2022 12:03 PM	00:00	5.20 pH	20.65 °C	97.49 µS/cm	8.01 mg/L	50.50 NTU	160.4 mV	110.72 ft	400.00 ml/min
3/24/2022 12:08 PM	05:00	5.16 pH	21.81 °C	97.95 µS/cm	7.65 mg/L	41.30 NTU	159.7 mV	110.72 ft	400.00 ml/min
3/24/2022 12:13 PM	10:00	5.15 pH	21.62 °C	97.73 µS/cm	7.60 mg/L	36.50 NTU	160.0 mV	110.72 ft	400.00 ml/min
3/24/2022 12:18 PM	15:00	5.13 pH	21.11 °C	98.72 µS/cm	7.72 mg/L	32.00 NTU	161.2 mV	110.72 ft	400.00 ml/min
3/24/2022 12:23 PM	20:00	5.11 pH	21.22 °C	100.73 µS/cm	7.83 mg/L	25.10 NTU	161.4 mV	110.72 ft	400.00 ml/min
3/24/2022 12:28 PM	25:00	5.11 pH	21.05 °C	101.06 µS/cm	7.82 mg/L	19.70 NTU	161.6 mV	110.72 ft	400.00 ml/min
3/24/2022 12:33 PM	30:00	5.10 pH	20.83 °C	102.01 µS/cm	7.85 mg/L	17.20 NTU	162.3 mV	110.72 ft	400.00 ml/min
3/24/2022 12:38 PM	35:00	5.08 pH	20.68 °C	102.56 µS/cm	7.86 mg/L	16.30 NTU	163.2 mV	110.72 ft	400.00 ml/min
3/24/2022 12:43 PM	40:00	5.07 pH	20.74 °C	103.44 µS/cm	7.89 mg/L	15.80 NTU	163.6 mV	110.72 ft	400.00 ml/min
3/24/2022 12:48 PM	45:00	5.08 pH	21.09 °C	103.60 µS/cm	7.87 mg/L	13.20 NTU	162.9 mV	110.72 ft	400.00 ml/min
3/24/2022 12:53 PM	50:00	5.06 pH	20.97 °C	103.65 µS/cm	7.92 mg/L	11.90 NTU	163.4 mV	110.72 ft	400.00 ml/min
3/24/2022 12:58 PM	55:00	5.05 pH	21.57 °C	104.21 µS/cm	7.94 mg/L	10.40 NTU	163.3 mV	110.72 ft	400.00 ml/min
3/24/2022 1:03 PM	01:00:00	5.05 pH	21.50 °C	103.75 µS/cm	7.84 mg/L	9.27 NTU	163.8 mV	110.72 ft	400.00 ml/min
3/24/2022 1:08 PM	01:05:00	5.04 pH	21.23 °C	106.43 µS/cm	8.02 mg/L	7.33 NTU	164.2 mV	110.72 ft	400.00 ml/min
3/24/2022 1:13 PM	01:10:00	5.04 pH	21.83 °C	106.54 µS/cm	7.94 mg/L	5.10 NTU	163.4 mV	110.72 ft	400.00 ml/min

3/24/2022 1:18 PM	01:15:00	5.03 pH	21.86 °C	105.52 µS/cm	7.91 mg/L	3.85 NTU	164.1 mV	110.72 ft	400.00 ml/min
3/24/2022 1:23 PM	01:20:00	5.02 pH	21.94 °C	105.01 µS/cm	7.90 mg/L	2.63 NTU	164.3 mV	110.72 ft	400.00 ml/min
3/24/2022 1:28 PM	01:25:00	5.03 pH	21.85 °C	105.13 µS/cm	7.89 mg/L	2.14 NTU	164.0 mV	110.72 ft	400.00 ml/min
3/24/2022 1:33 PM	01:30:00	5.03 pH	22.10 °C	105.38 µS/cm	7.90 mg/L	1.96 NTU	163.7 mV	110.72 ft	400.00 ml/min
3/24/2022 1:38 PM	01:35:00	5.02 pH	22.17 °C	105.32 µS/cm	7.90 mg/L	1.75 NTU	163.8 mV	110.72 ft	400.00 ml/min
3/24/2022 1:43 PM	01:40:00	5.02 pH	22.21 °C	105.39 µS/cm	7.90 mg/L	1.68 NTU	163.9 mV	110.72 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-103	Sample time @ 1350. Sunny 75.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/23/2022 10:33:38 AM
Project: GCEC MW-104
Operator Name: Brett Surles

Location Name: GCEC MW-104 **Well Diameter: 2 in** **Casing Type: PE** **Screen Length: 10 ft** **Top of Screen: 73 ft** **Total Depth: 83 ft** **Initial Depth to Water: 57.86 ft**	**Pump Type: QED** **Tubing Type: PE** **Pump Intake From TOC: 78 m** **Estimated Total Volume Pumped: 36 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:
Sample@1205, EB-01@1220 ORP READINGS moving from 530-580 every few minutes

Weather Conditions:
Partly cloudy 71

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/23/2022 10:33 AM	00:00	7.64 pH	22.29 °C	1,488.9 µS/cm	8.30 mg/L	2.27 NTU	52.3 mV	57.90 ft	400.00 ml/min
3/23/2022 10:38 AM	05:00	7.58 pH	22.24 °C	1,454.1 µS/cm	8.23 mg/L	1.91 NTU	54.0 mV	57.90 ft	400.00 ml/min
3/23/2022 10:43 AM	10:00	7.48 pH	22.28 °C	1,514.1 µS/cm	8.32 mg/L	2.40 NTU	88.9 mV	57.90 ft	400.00 ml/min
3/23/2022 10:48 AM	15:00	5.59 pH	21.98 °C	1,592.5 µS/cm	6.80 mg/L	7.83 NTU	483.1 mV	57.90 ft	400.00 ml/min
3/23/2022 10:53 AM	20:00	5.04 pH	21.83 °C	1,662.3 µS/cm	6.25 mg/L	3.79 NTU	478.9 mV	57.90 ft	400.00 ml/min
3/23/2022 10:58 AM	25:00	4.96 pH	22.18 °C	1,686.1 µS/cm	6.10 mg/L	2.70 NTU	506.4 mV	57.90 ft	400.00 ml/min
3/23/2022 11:03 AM	30:00	4.68 pH	22.31 °C	1,762.0 µS/cm	5.99 mg/L	1.20 NTU	500.9 mV	57.90 ft	400.00 ml/min
3/23/2022 11:08 AM	35:00	4.53 pH	22.43 °C	1,813.2 µS/cm	6.02 mg/L	1.47 NTU	495.3 mV	57.90 ft	400.00 ml/min
3/23/2022 11:13 AM	40:00	4.40 pH	22.26 °C	1,839.5 µS/cm	5.96 mg/L	0.71 NTU	513.5 mV	57.90 ft	400.00 ml/min
3/23/2022 11:18 AM	45:00	4.20 pH	22.11 °C	1,833.4 µS/cm	5.99 mg/L	0.66 NTU	553.4 mV	57.90 ft	400.00 ml/min
3/23/2022 11:23 AM	50:00	4.18 pH	21.98 °C	1,859.3 µS/cm	5.90 mg/L	0.59 NTU	531.6 mV	57.90 ft	400.00 ml/min
3/23/2022 11:28 AM	55:00	4.15 pH	22.07 °C	1,861.5 µS/cm	5.85 mg/L	0.49 NTU	528.3 mV	57.90 ft	400.00 ml/min
3/23/2022 11:33 AM	01:00:00	4.11 pH	22.15 °C	1,861.2 µS/cm	5.82 mg/L	0.44 NTU	558.2 mV	57.90 ft	400.00 ml/min

3/23/2022 11:38 AM	01:05:00	4.19 pH	22.15 °C	1,844.7 µS/cm	5.84 mg/L	0.56 NTU	555.5 mV	57.90 ft	400.00 ml/min
3/23/2022 11:43 AM	01:10:00	4.25 pH	22.11 °C	1,853.0 µS/cm	6.01 mg/L	0.50 NTU	527.7 mV	57.90 ft	400.00 ml/min
3/23/2022 11:48 AM	01:15:00	4.21 pH	22.27 °C	1,859.9 µS/cm	6.13 mg/L	0.56 NTU	518.3 mV	57.90 ft	400.00 ml/min
3/23/2022 11:53 AM	01:20:00	4.22 pH	22.29 °C	1,858.2 µS/cm	6.11 mg/L	0.51 NTU	531.7 mV	57.90 ft	400.00 ml/min
3/23/2022 11:58 AM	01:25:00	4.18 pH	22.29 °C	1,859.0 µS/cm	6.04 mg/L	0.39 NTU	537.7 mV	57.90 ft	400.00 ml/min
3/23/2022 12:03 PM	01:30:00	4.15 pH	22.27 °C	1,862.6 µS/cm	6.13 mg/L	0.31 NTU	507.0 mV	57.90 ft	400.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/23/2022 9:29:51 AM
Project: GCEC MW-105
Operator Name: Brett Surles

Location Name: GCEC MW-105 **Well Diameter: 2 in** **Casing Type: PE** **Screen Length: 10 ft** **Top of Screen: 33 ft** **Total Depth: 43 ft** **Initial Depth to Water: 20.56 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 8 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:
Sample@0951, DUP -01@0851

Weather Conditions:
Partly cloudy 65

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/23/2022 9:29 AM	00:00	6.41 pH	19.71 °C	440.46 µS/cm	1.74 mg/L	20.20 NTU	26.0 mV	20.59 ft	400.00 ml/min
3/23/2022 9:34 AM	05:00	6.46 pH	20.99 °C	430.84 µS/cm	0.14 mg/L	8.94 NTU	-81.5 mV	20.59 ft	400.00 ml/min
3/23/2022 9:39 AM	10:00	6.47 pH	21.16 °C	430.29 µS/cm	0.11 mg/L	3.07 NTU	-44.7 mV	20.59 ft	400.00 ml/min
3/23/2022 9:44 AM	15:00	6.49 pH	21.30 °C	419.07 µS/cm	0.09 mg/L	1.71 NTU	-44.7 mV	20.59 ft	400.00 ml/min
3/23/2022 9:49 AM	20:00	6.48 pH	21.41 °C	434.45 µS/cm	0.09 mg/L	1.44 NTU	-43.9 mV	20.59 ft	400.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/23/2022 8:13:56 AM
Project: Crist plant CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-106 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 83 ft** **Total Depth: 93 ft** **Initial Depth to Water: 65.55 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 88 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: 817728**

Test Notes:
Sample time @ 0920. Pc 72. FB-01@ 0925.

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	
3/23/2022 8:13 AM	00:00	7.40 pH	20.79 °C	37.15 µS/cm	8.12 mg/L	1.10 NTU	119.0 mV	65.55 ft	400.00 ml/min
3/23/2022 8:18 AM	05:00	6.64 pH	22.88 °C	28.56 µS/cm	7.97 mg/L	0.98 NTU	116.1 mV	65.55 ft	400.00 ml/min
3/23/2022 8:23 AM	10:00	5.40 pH	24.55 °C	27.15 µS/cm	7.51 mg/L	0.85 NTU	115.1 mV	65.55 ft	400.00 ml/min
3/23/2022 8:28 AM	15:00	5.15 pH	25.23 °C	27.09 µS/cm	7.45 mg/L	0.77 NTU	114.0 mV	65.55 ft	400.00 ml/min
3/23/2022 8:33 AM	20:00	5.09 pH	24.96 °C	27.26 µS/cm	7.36 mg/L	0.71 NTU	114.8 mV	65.55 ft	400.00 ml/min
3/23/2022 8:38 AM	25:00	5.05 pH	24.69 °C	26.97 µS/cm	7.69 mg/L	0.64 NTU	116.9 mV	65.55 ft	400.00 ml/min
3/23/2022 8:43 AM	30:00	5.05 pH	25.23 °C	26.86 µS/cm	7.58 mg/L	0.60 NTU	117.0 mV	65.55 ft	400.00 ml/min
3/23/2022 8:48 AM	35:00	5.05 pH	25.19 °C	26.58 µS/cm	7.61 mg/L	0.52 NTU	118.6 mV	65.55 ft	400.00 ml/min
3/23/2022 8:53 AM	40:00	5.02 pH	25.67 °C	26.56 µS/cm	7.90 mg/L	0.51 NTU	118.4 mV	65.55 ft	400.00 ml/min
3/23/2022 8:58 AM	45:00	5.01 pH	25.81 °C	26.58 µS/cm	7.79 mg/L	0.48 NTU	120.7 mV	65.55 ft	400.00 ml/min
3/23/2022 9:03 AM	50:00	5.00 pH	26.14 °C	26.58 µS/cm	7.76 mg/L	0.45 NTU	123.0 mV	65.55 ft	400.00 ml/min
3/23/2022 9:08 AM	55:00	5.00 pH	26.08 °C	26.37 µS/cm	7.79 mg/L	0.43 NTU	125.2 mV	65.55 ft	400.00 ml/min
3/23/2022 9:13 AM	01:00:00	4.99 pH	26.02 °C	26.43 µS/cm	7.81 mg/L	0.38 NTU	127.0 mV	65.55 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-106	Sample time @ 0920. Pc 72. FB-01@ 0925.

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Low-Flow Test Report:

Test Date / Time: 3/23/2022 11:43:31 AM
Project: Crist plant CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-109 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 123 ft** **Total Depth: 133 ft** **Initial Depth to Water: 109.82 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 128 ft** **Estimated Total Volume Pumped: 24000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1250. Sunny 78.

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	
3/23/2022 11:43 AM	00:00	5.50 pH	23.39 °C	118.55 µS/cm	6.92 mg/L	1.63 NTU	161.8 mV	109.90 ft	400.00 ml/min
3/23/2022 11:48 AM	05:00	5.04 pH	23.42 °C	179.83 µS/cm	8.09 mg/L	1.34 NTU	171.0 mV	109.90 ft	400.00 ml/min
3/23/2022 11:53 AM	10:00	5.04 pH	26.28 °C	200.70 µS/cm	8.00 mg/L	1.20 NTU	171.4 mV	109.90 ft	400.00 ml/min
3/23/2022 11:58 AM	15:00	5.04 pH	26.73 °C	195.94 µS/cm	7.93 mg/L	0.99 NTU	172.8 mV	109.90 ft	400.00 ml/min
3/23/2022 12:03 PM	20:00	5.03 pH	27.05 °C	190.67 µS/cm	7.87 mg/L	0.97 NTU	173.5 mV	109.90 ft	400.00 ml/min
3/23/2022 12:08 PM	25:00	5.03 pH	27.19 °C	188.73 µS/cm	7.84 mg/L	0.88 NTU	174.3 mV	109.90 ft	400.00 ml/min
3/23/2022 12:13 PM	30:00	5.02 pH	27.47 °C	186.85 µS/cm	7.83 mg/L	0.87 NTU	175.4 mV	109.90 ft	400.00 ml/min
3/23/2022 12:18 PM	35:00	5.03 pH	27.81 °C	179.93 µS/cm	7.85 mg/L	0.85 NTU	175.8 mV	109.90 ft	400.00 ml/min
3/23/2022 12:23 PM	40:00	5.03 pH	28.14 °C	179.87 µS/cm	7.85 mg/L	0.81 NTU	176.3 mV	109.90 ft	400.00 ml/min
3/23/2022 12:28 PM	45:00	5.02 pH	27.91 °C	174.35 µS/cm	7.79 mg/L	0.79 NTU	178.8 mV	109.90 ft	400.00 ml/min
3/23/2022 12:33 PM	50:00	5.00 pH	27.67 °C	180.40 µS/cm	7.73 mg/L	0.77 NTU	181.2 mV	109.90 ft	400.00 ml/min
3/23/2022 12:38 PM	55:00	5.00 pH	27.70 °C	172.29 µS/cm	7.76 mg/L	0.74 NTU	181.2 mV	109.90 ft	400.00 ml/min
3/23/2022 12:43 PM	01:00:00	5.00 pH	27.68 °C	172.52 µS/cm	7.79 mg/L	0.72 NTU	182.1 mV	109.90 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-109	Sample time @ 1250. Sunny 78.

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Low-Flow Test Report:

Test Date / Time: 3/23/2022 9:55:02 AM
Project: Crist plant CCR
Operator Name: Philip Evans

Location Name: Crist CCR MW-110 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 108.8 ft** **Total Depth: 118.8 ft** **Initial Depth to Water: 80.12 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 113.8 ft** **Estimated Total Volume Pumped: 20000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1050. Sunny 75.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/23/2022 9:55 AM	00:00	5.51 pH	22.08 °C	876.45 µS/cm	1.48 mg/L	2.46 NTU	202.5 mV	80.16 ft	400.00 ml/min
3/23/2022 10:00 AM	05:00	6.30 pH	23.13 °C	946.34 µS/cm	0.45 mg/L	2.23 NTU	187.2 mV	80.16 ft	400.00 ml/min
3/23/2022 10:05 AM	10:00	6.26 pH	25.00 °C	979.28 µS/cm	1.14 mg/L	2.02 NTU	186.5 mV	80.16 ft	400.00 ml/min
3/23/2022 10:10 AM	15:00	5.66 pH	25.56 °C	980.50 µS/cm	1.30 mg/L	1.95 NTU	189.5 mV	80.16 ft	400.00 ml/min
3/23/2022 10:15 AM	20:00	5.31 pH	25.87 °C	980.91 µS/cm	1.40 mg/L	1.84 NTU	191.3 mV	80.16 ft	400.00 ml/min
3/23/2022 10:20 AM	25:00	5.22 pH	25.64 °C	982.70 µS/cm	1.66 mg/L	1.61 NTU	191.9 mV	80.16 ft	400.00 ml/min
3/23/2022 10:25 AM	30:00	5.14 pH	25.79 °C	983.74 µS/cm	2.10 mg/L	1.50 NTU	192.4 mV	80.16 ft	400.00 ml/min
3/23/2022 10:30 AM	35:00	5.09 pH	25.95 °C	977.65 µS/cm	2.33 mg/L	1.42 NTU	192.8 mV	80.16 ft	400.00 ml/min
3/23/2022 10:35 AM	40:00	5.05 pH	26.53 °C	977.60 µS/cm	2.41 mg/L	1.31 NTU	193.4 mV	80.16 ft	400.00 ml/min
3/23/2022 10:40 AM	45:00	5.03 pH	26.62 °C	974.79 µS/cm	2.50 mg/L	1.29 NTU	194.3 mV	80.16 ft	400.00 ml/min
3/23/2022 10:45 AM	50:00	5.01 pH	26.44 °C	975.10 µS/cm	2.56 mg/L	1.25 NTU	195.6 mV	80.16 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-110	Sample time @ 1050. Sunny 75.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-217387-1
Laboratory Sample Delivery Group: Background A
Client Project/Site: CCR GCEC

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

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
4/20/2022 3:23:20 PM

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

LINKS

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

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

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Job ID: 400-217387-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217387-1

Metals
Method 6020: The CRI associated with batch 400-571318 recovered above the upper control limit for Cadmium. The samples associated with this CRI were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CRI 400-571318/24).

Method 6020: The CRI associated with batch 400-571318 recovered above the upper control limit for Lithium. The samples associated with this CRI were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CRI 400-571318/24).

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-571426 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike (MS) recoveries for analytical batch 400-572170 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 F C: The matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 400-572170 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 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-573459 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 GCEC

Job ID: 400-217387-1
SDG: Background A

Client Sample ID: MW-100 — Lab Sample ID: 400-217387-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.019		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.013	V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	0.90		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0046		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.0014		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0013		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Molybdenum	0.00066	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	58		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	4.90				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 400-217387-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0092		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.012	V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	0.38		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0051		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.0012		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0014		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Molybdenum	0.00064	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	14		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.9		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.02				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 400-217387-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.010		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.013	V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	0.33		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.00032	I	0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00038	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	18		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.91				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
SDG: Background A

Client Sample ID: MW-108 — Lab Sample ID: 400-217387-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00027		0.00025	0.00024	mg/L	1		6020	Total Recoverable
Barium	0.012		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.017	V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	1.6		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.00027	I	0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00020	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Selenium	0.00051		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	46		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	8.8		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	4.5	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.89				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-306 — Lab Sample ID: 400-217387-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.013		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.0090	I V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	0.81		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0088		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.0014		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0012		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Molybdenum	0.0011	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	84		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	5.10				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-307 — Lab Sample ID: 400-217387-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.018		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.0063	I V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	0.70		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0022		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.0016		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Molybdenum	0.00031	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	22		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.8		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Client Sample ID: MW-307 (Continued) — Lab Sample ID: 400-217387-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	5.18				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 400-217387-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.018		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.0071	I V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	0.68		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0021		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.0016		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0010		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Molybdenum	0.00029	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	46		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.18				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
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 Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217387-1	MW-100	Water	03/22/22 14:00	03/23/22 15:30
400-217387-2	MW-101	Water	03/22/22 12:40	03/23/22 15:30
400-217387-3	MW-107	Water	03/22/22 10:16	03/23/22 15:30
400-217387-4	MW-108	Water	03/22/22 08:17	03/23/22 15:30
400-217387-5	MW-306	Water	03/22/22 09:10	03/23/22 15:30
400-217387-6	MW-307	Water	03/22/22 10:45	03/23/22 15:30
400-217387-7	DUP-01	Water	03/22/22 09:45	03/23/22 15:30

Client Sample ID: MW-100
Date Collected: 03/22/22 14:00
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-1
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/24/22 11:49	03/25/22 16:26	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/24/22 11:49	03/25/22 16:26	1
Barium	**0.019**		0.00050	0.00014	mg/L		03/24/22 11:49	03/25/22 16:26	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/24/22 11:49	03/25/22 16:26	1
Boron	**0.013**	**V**	0.010	0.00024	mg/L		03/24/22 11:49	03/25/22 16:26	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/24/22 11:49	03/25/22 16:26	1
Calcium	**0.90**		0.050	0.025	mg/L		03/24/22 11:49	03/25/22 16:26	1
Chromium	**0.0046**		0.00050	0.00020	mg/L		03/24/22 11:49	03/25/22 16:26	1
Cobalt	**0.0014**		0.00050	0.00011	mg/L		03/24/22 11:49	03/25/22 16:26	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:26	1
Lithium	**0.0013**		0.0010	0.00098	mg/L		03/24/22 11:49	03/25/22 16:26	1
Molybdenum	**0.00066**	**I**	0.0030	0.00026	mg/L		03/24/22 11:49	03/25/22 16:26	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:26	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/24/22 11:49	03/25/22 16:26	1

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		03/25/22 11:38	03/30/22 17:02	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**58**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**5.9**		2.0	1.4	mg/L			04/03/22 05:13	1
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 04:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.90**				SU			03/22/22 14:00	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
SDG: Background A

Client Sample ID: MW-101
Date Collected: 03/22/22 12:40
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-2
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/24/22 11:49	03/25/22 16:29	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/24/22 11:49	03/25/22 16:29	1
Barium	**0.0092**		0.00050	0.00014	mg/L		03/24/22 11:49	03/25/22 16:29	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/24/22 11:49	03/25/22 16:29	1
Boron	**0.012**	**V**	0.010	0.00024	mg/L		03/24/22 11:49	03/25/22 16:29	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/24/22 11:49	03/25/22 16:29	1
Calcium	**0.38**		0.050	0.025	mg/L		03/24/22 11:49	03/25/22 16:29	1
Chromium	**0.0051**		0.00050	0.00020	mg/L		03/24/22 11:49	03/25/22 16:29	1
Cobalt	**0.0012**		0.00050	0.00011	mg/L		03/24/22 11:49	03/25/22 16:29	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:29	1
Lithium	**0.0014**		0.0010	0.00098	mg/L		03/24/22 11:49	03/25/22 16:29	1
Molybdenum	**0.00064**	**I**	0.0030	0.00026	mg/L		03/24/22 11:49	03/25/22 16:29	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:29	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/24/22 11:49	03/25/22 16:29	1

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		03/25/22 11:38	03/30/22 17:04	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**14**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**4.9**		2.0	1.4	mg/L			04/03/22 05:13	1
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 04:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.02**				SU			03/22/22 12:40	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
SDG: Background A

Client Sample ID: MW-107
Date Collected: 03/22/22 10:16
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-3
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/24/22 11:49	03/25/22 16:40	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/24/22 11:49	03/25/22 16:40	1
Barium	**0.010**		0.00050	0.00014	mg/L		03/24/22 11:49	03/25/22 16:40	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/24/22 11:49	03/25/22 16:40	1
Boron	**0.013**	**V**	0.010	0.00024	mg/L		03/24/22 11:49	03/25/22 16:40	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/24/22 11:49	03/25/22 16:40	1
Calcium	**0.33**		0.050	0.025	mg/L		03/24/22 11:49	03/25/22 16:40	1
Chromium	**0.00032**	**I**	0.00050	0.00020	mg/L		03/24/22 11:49	03/25/22 16:40	1
Cobalt	**0.00038**	**I**	0.00050	0.00011	mg/L		03/24/22 11:49	03/25/22 16:40	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:40	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/24/22 11:49	03/25/22 16:40	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		03/24/22 11:49	03/25/22 16:40	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:40	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/24/22 11:49	03/25/22 16:40	1

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		03/25/22 11:38	03/30/22 17:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**18**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**4.7**		2.0	1.4	mg/L			04/03/22 05:13	1
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 04:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.91**				SU			03/22/22 10:16	1

Client Sample ID: MW-108

Date Collected: 03/22/22 08:17
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-4

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/24/22 11:49	03/25/22 16:44	1
Arsenic	**0.00027**		0.00025	0.00024	mg/L		03/24/22 11:49	03/25/22 16:44	1
Barium	**0.012**		0.00050	0.00014	mg/L		03/24/22 11:49	03/25/22 16:44	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/24/22 11:49	03/25/22 16:44	1
Boron	**0.017**	**V**	0.010	0.00024	mg/L		03/24/22 11:49	03/25/22 16:44	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/24/22 11:49	03/25/22 16:44	1
Calcium	**1.6**		0.050	0.025	mg/L		03/24/22 11:49	03/25/22 16:44	1
Chromium	**0.00027**	**I**	0.00050	0.00020	mg/L		03/24/22 11:49	03/25/22 16:44	1
Cobalt	**0.00020**	**I**	0.00050	0.00011	mg/L		03/24/22 11:49	03/25/22 16:44	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:44	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/24/22 11:49	03/25/22 16:44	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		03/24/22 11:49	03/25/22 16:44	1
Selenium	**0.00051**		0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:44	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/24/22 11:49	03/25/22 16:44	1

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		03/25/22 11:38	03/30/22 17:08	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**46**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**8.8**		2.0	1.4	mg/L			04/03/22 05:14	1
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1
Sulfate	**4.5**	**I**	5.0	1.4	mg/L			04/12/22 04:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.89**				SU			03/22/22 08:17	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
SDG: Background A

Client Sample ID: MW-306
Date Collected: 03/22/22 09:10
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-5
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/24/22 11:49	03/25/22 16:47	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/24/22 11:49	03/25/22 16:47	1
Barium	**0.013**		0.00050	0.00014	mg/L		03/24/22 11:49	03/25/22 16:47	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/24/22 11:49	03/25/22 16:47	1
Boron	**0.0090**	**I V**	0.010	0.00024	mg/L		03/24/22 11:49	03/25/22 16:47	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/24/22 11:49	03/25/22 16:47	1
Calcium	**0.81**		0.050	0.025	mg/L		03/24/22 11:49	03/25/22 16:47	1
Chromium	**0.0088**		0.00050	0.00020	mg/L		03/24/22 11:49	03/25/22 16:47	1
Cobalt	**0.0014**		0.00050	0.00011	mg/L		03/24/22 11:49	03/25/22 16:47	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:47	1
Lithium	**0.0012**		0.0010	0.00098	mg/L		03/24/22 11:49	03/25/22 16:47	1
Molybdenum	**0.0011**	**I**	0.0030	0.00026	mg/L		03/24/22 11:49	03/25/22 16:47	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:47	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/24/22 11:49	03/25/22 16:47	1

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		03/25/22 11:38	03/30/22 17:10	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**84**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**5.6**		2.0	1.4	mg/L			04/03/22 05:14	1
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 04:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.10**				SU			03/22/22 09:10	1

Client Sample ID: MW-307

Date Collected: 03/22/22 10:45
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-6

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/24/22 11:49	03/25/22 16:50	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/24/22 11:49	03/25/22 16:50	1
Barium	**0.018**		0.00050	0.00014	mg/L		03/24/22 11:49	03/25/22 16:50	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/24/22 11:49	03/25/22 16:50	1
Boron	**0.0063**	**I V**	0.010	0.00024	mg/L		03/24/22 11:49	03/25/22 16:50	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/24/22 11:49	03/25/22 16:50	1
Calcium	**0.70**		0.050	0.025	mg/L		03/24/22 11:49	03/25/22 16:50	1
Chromium	**0.0022**		0.00050	0.00020	mg/L		03/24/22 11:49	03/25/22 16:50	1
Cobalt	**0.0016**		0.00050	0.00011	mg/L		03/24/22 11:49	03/25/22 16:50	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:50	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/24/22 11:49	03/25/22 16:50	1
Molybdenum	**0.00031**	**I**	0.0030	0.00026	mg/L		03/24/22 11:49	03/25/22 16:50	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:50	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/24/22 11:49	03/25/22 16:50	1

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		03/25/22 11:38	03/30/22 17:12	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**22**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**4.8**		2.0	1.4	mg/L			04/03/22 05:14	1
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 04:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.18**				SU			03/22/22 10:45	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
SDG: Background A

Client Sample ID: DUP-01
Date Collected: 03/22/22 09:45
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-7
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/24/22 11:49	03/25/22 16:53	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/24/22 11:49	03/25/22 16:53	1
Barium	**0.018**		0.00050	0.00014	mg/L		03/24/22 11:49	03/25/22 16:53	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/24/22 11:49	03/25/22 16:53	1
Boron	**0.0071**	**I V**	0.010	0.00024	mg/L		03/24/22 11:49	03/25/22 16:53	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/24/22 11:49	03/25/22 16:53	1
Calcium	**0.68**		0.050	0.025	mg/L		03/24/22 11:49	03/25/22 16:53	1
Chromium	**0.0021**		0.00050	0.00020	mg/L		03/24/22 11:49	03/25/22 16:53	1
Cobalt	**0.0016**		0.00050	0.00011	mg/L		03/24/22 11:49	03/25/22 16:53	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:53	1
Lithium	**0.0010**		0.0010	0.00098	mg/L		03/24/22 11:49	03/25/22 16:53	1
Molybdenum	**0.00029**	**I**	0.0030	0.00026	mg/L		03/24/22 11:49	03/25/22 16:53	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/24/22 11:49	03/25/22 16:53	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/24/22 11:49	03/25/22 16:53	1

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		03/25/22 11:38	03/30/22 17:13	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**46**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**4.7**		2.0	1.4	mg/L			04/03/22 05:14	1
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 04:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.18**				SU			03/22/22 09:45	1

Qualifiers

Metals

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

General Chemistry

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

Glossary

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

Client Sample ID: MW-100
Date Collected: 03/22/22 14:00
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571206	03/24/22 11:49	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	571562	03/25/22 16:26	KIS	TAL PEN
Total/NA	Prep	7470A			571377	03/25/22 11:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	572101	03/30/22 17:02	VLC	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	572414	04/03/22 05:13	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	572170	03/31/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573459	04/12/22 04:47	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/22/22 14:00	EHS	TAL PEN

Client Sample ID: MW-101
Date Collected: 03/22/22 12:40
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571206	03/24/22 11:49	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	571562	03/25/22 16:29	KIS	TAL PEN
Total/NA	Prep	7470A			571377	03/25/22 11:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	572101	03/30/22 17:04	VLC	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	572414	04/03/22 05:13	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	572170	03/31/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573459	04/12/22 04:47	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/22/22 12:40	EHS	TAL PEN

Client Sample ID: MW-107
Date Collected: 03/22/22 10:16
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571206	03/24/22 11:49	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	571562	03/25/22 16:40	KIS	TAL PEN
Total/NA	Prep	7470A			571377	03/25/22 11:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	572101	03/30/22 17:06	VLC	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	572414	04/03/22 05:13	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	572170	03/31/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573459	04/12/22 04:47	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/22/22 10:16	EHS	TAL PEN

Client Sample ID: MW-108

Lab Sample ID: 400-217387-4

Date Collected: 03/22/22 08:17

Matrix: Water

Date Received: 03/23/22 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571206	03/24/22 11:49	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	571562	03/25/22 16:44	KIS	TAL PEN
Total/NA	Prep	7470A			571377	03/25/22 11:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	572101	03/30/22 17:08	VLC	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	572414	04/03/22 05:14	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	572170	03/31/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573459	04/12/22 04:47	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/22/22 08:17	EHS	TAL PEN

Client Sample ID: MW-306

Lab Sample ID: 400-217387-5

Date Collected: 03/22/22 09:10

Matrix: Water

Date Received: 03/23/22 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571206	03/24/22 11:49	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	571562	03/25/22 16:47	KIS	TAL PEN
Total/NA	Prep	7470A			571377	03/25/22 11:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	572101	03/30/22 17:10	VLC	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	572414	04/03/22 05:14	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	572170	03/31/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573459	04/12/22 04:47	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/22/22 09:10	EHS	TAL PEN

Client Sample ID: MW-307

Lab Sample ID: 400-217387-6

Date Collected: 03/22/22 10:45

Matrix: Water

Date Received: 03/23/22 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571206	03/24/22 11:49	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	571562	03/25/22 16:50	KIS	TAL PEN
Total/NA	Prep	7470A			571377	03/25/22 11:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	572101	03/30/22 17:12	VLC	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	572414	04/03/22 05:14	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	572170	03/31/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573459	04/12/22 04:47	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/22/22 10:45	EHS	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
SDG: Background A

Client Sample ID: DUP-01
Date Collected: 03/22/22 09:45
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571206	03/24/22 11:49	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	571562	03/25/22 16:53	KIS	TAL PEN
Total/NA	Prep	7470A			571377	03/25/22 11:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	572101	03/30/22 17:13	VLC	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	572414	04/03/22 05:14	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	572170	03/31/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573459	04/12/22 04:47	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/22/22 09:45	EHS	TAL PEN

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

Metals

Prep Batch: 571206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total Recoverable	Water	3005A	
400-217387-2	MW-101	Total Recoverable	Water	3005A	
400-217387-3	MW-107	Total Recoverable	Water	3005A	
400-217387-4	MW-108	Total Recoverable	Water	3005A	
400-217387-5	MW-306	Total Recoverable	Water	3005A	
400-217387-6	MW-307	Total Recoverable	Water	3005A	
400-217387-7	DUP-01	Total Recoverable	Water	3005A	
MB 400-571206/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-571206/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-217403-D-2-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-217403-D-2-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 571318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-571206/1-A ^5	Method Blank	Total Recoverable	Water	6020	571206
LCS 400-571206/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	571206
400-217403-D-2-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	571206
400-217403-D-2-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	571206

Prep Batch: 571377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	7470A	
400-217387-2	MW-101	Total/NA	Water	7470A	
400-217387-3	MW-107	Total/NA	Water	7470A	
400-217387-4	MW-108	Total/NA	Water	7470A	
400-217387-5	MW-306	Total/NA	Water	7470A	
400-217387-6	MW-307	Total/NA	Water	7470A	
400-217387-7	DUP-01	Total/NA	Water	7470A	
MB 400-571377/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-571377/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-217406-I-11-C MS	Matrix Spike	Total/NA	Water	7470A	
400-217406-I-11-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 571562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total Recoverable	Water	6020	571206
400-217387-2	MW-101	Total Recoverable	Water	6020	571206
400-217387-3	MW-107	Total Recoverable	Water	6020	571206
400-217387-4	MW-108	Total Recoverable	Water	6020	571206
400-217387-5	MW-306	Total Recoverable	Water	6020	571206
400-217387-6	MW-307	Total Recoverable	Water	6020	571206
400-217387-7	DUP-01	Total Recoverable	Water	6020	571206
LCS 400-571206/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	571206

Analysis Batch: 572101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	7470A	571377
400-217387-2	MW-101	Total/NA	Water	7470A	571377
400-217387-3	MW-107	Total/NA	Water	7470A	571377
400-217387-4	MW-108	Total/NA	Water	7470A	571377
400-217387-5	MW-306	Total/NA	Water	7470A	571377

Metals (Continued)

Analysis Batch: 572101 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-6	MW-307	Total/NA	Water	7470A	571377
400-217387-7	DUP-01	Total/NA	Water	7470A	571377
MB 400-571377/14-A	Method Blank	Total/NA	Water	7470A	571377
LCS 400-571377/15-A	Lab Control Sample	Total/NA	Water	7470A	571377
400-217406-I-11-C MS	Matrix Spike	Total/NA	Water	7470A	571377
400-217406-I-11-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	571377

General Chemistry

Analysis Batch: 571426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	SM 2540C	
400-217387-2	MW-101	Total/NA	Water	SM 2540C	
400-217387-3	MW-107	Total/NA	Water	SM 2540C	
400-217387-4	MW-108	Total/NA	Water	SM 2540C	
400-217387-5	MW-306	Total/NA	Water	SM 2540C	
400-217387-6	MW-307	Total/NA	Water	SM 2540C	
400-217387-7	DUP-01	Total/NA	Water	SM 2540C	
MB 400-571426/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-571426/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-217364-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 572170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	SM 4500 F C	
400-217387-2	MW-101	Total/NA	Water	SM 4500 F C	
400-217387-3	MW-107	Total/NA	Water	SM 4500 F C	
400-217387-4	MW-108	Total/NA	Water	SM 4500 F C	
400-217387-5	MW-306	Total/NA	Water	SM 4500 F C	
400-217387-6	MW-307	Total/NA	Water	SM 4500 F C	
400-217387-7	DUP-01	Total/NA	Water	SM 4500 F C	
MB 400-572170/1	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-572170/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-217579-K-2 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-217579-K-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
660-118773-A-5 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
660-118773-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 572414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-217387-2	MW-101	Total/NA	Water	SM 4500 Cl- E	
400-217387-3	MW-107	Total/NA	Water	SM 4500 Cl- E	
400-217387-4	MW-108	Total/NA	Water	SM 4500 Cl- E	
400-217387-5	MW-306	Total/NA	Water	SM 4500 Cl- E	
400-217387-6	MW-307	Total/NA	Water	SM 4500 Cl- E	
400-217387-7	DUP-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-572414/7	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-572414/8	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-572414/4	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-217387-2 MS	MW-101	Total/NA	Water	SM 4500 Cl- E	

General Chemistry (Continued)

Analysis Batch: 572414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-2 MSD	MW-101	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 573459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	SM 4500 SO4 E	
400-217387-2	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-217387-3	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-217387-4	MW-108	Total/NA	Water	SM 4500 SO4 E	
400-217387-5	MW-306	Total/NA	Water	SM 4500 SO4 E	
400-217387-6	MW-307	Total/NA	Water	SM 4500 SO4 E	
400-217387-7	DUP-01	Total/NA	Water	SM 4500 SO4 E	
MB 400-573459/5	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-573459/6	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-573459/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-217387-2 MS	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-217387-2 MSD	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-217387-3 MS	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-217387-3 MSD	MW-107	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 573528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	Field Sampling	
400-217387-2	MW-101	Total/NA	Water	Field Sampling	
400-217387-3	MW-107	Total/NA	Water	Field Sampling	
400-217387-4	MW-108	Total/NA	Water	Field Sampling	
400-217387-5	MW-306	Total/NA	Water	Field Sampling	
400-217387-6	MW-307	Total/NA	Water	Field Sampling	
400-217387-7	DUP-01	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-571206/1-A ^5
Matrix: Water
Analysis Batch: 571318

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 571206

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		03/24/22 11:49	03/24/22 22:38	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		03/24/22 11:49	03/24/22 22:38	5
Barium	0.00070	U	0.0025	0.00070	mg/L		03/24/22 11:49	03/24/22 22:38	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/24/22 11:49	03/24/22 22:38	5
Boron	0.0172	I	0.050	0.0012	mg/L		03/24/22 11:49	03/24/22 22:38	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/24/22 11:49	03/24/22 22:38	5
Calcium	0.13	U	0.25	0.13	mg/L		03/24/22 11:49	03/24/22 22:38	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/24/22 11:49	03/24/22 22:38	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/24/22 11:49	03/24/22 22:38	5
Lead	0.00081	U	0.0013	0.00081	mg/L		03/24/22 11:49	03/24/22 22:38	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		03/24/22 11:49	03/24/22 22:38	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/24/22 11:49	03/24/22 22:38	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/24/22 11:49	03/24/22 22:38	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/24/22 11:49	03/24/22 22:38	5

Lab Sample ID: LCS 400-571206/2-A ^5
Matrix: Water
Analysis Batch: 571318

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 571206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0529		mg/L		106	80 - 120
Arsenic	0.0500	0.0487		mg/L		97	80 - 120
Barium	0.0500	0.0494		mg/L		99	80 - 120
Beryllium	0.0500	0.0478		mg/L		96	80 - 120
Boron	0.100	0.101	V	mg/L		101	80 - 120
Calcium	5.00	4.82		mg/L		96	80 - 120
Chromium	0.0500	0.0508		mg/L		102	80 - 120
Cobalt	0.0500	0.0507		mg/L		101	80 - 120
Lead	0.0500	0.0505		mg/L		101	80 - 120
Molybdenum	0.0500	0.0494		mg/L		99	80 - 120
Selenium	0.0500	0.0512		mg/L		102	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: LCS 400-571206/2-A ^5
Matrix: Water
Analysis Batch: 571562

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 571206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.0500	0.0541		mg/L		108	80 - 120
Lithium	0.0500	0.0520		mg/L		104	80 - 120

Lab Sample ID: 400-217403-D-2-B MS ^5
Matrix: Water
Analysis Batch: 571318

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 571206

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0524		mg/L		105	75 - 125
Arsenic	0.0012	U	0.0500	0.0478		mg/L		96	75 - 125
Barium	0.11		0.0500	0.158		mg/L		94	75 - 125

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

Lab Sample ID: 400-217403-D-2-B MS ^5
Matrix: Water
Analysis Batch: 571318

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 571206

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00092	U	0.0500	0.0470		mg/L		94	75 - 125
Boron	0.040	I V	0.100	0.131	V	mg/L		91	75 - 125
Cadmium	0.00065	U	0.0500	0.0515		mg/L		103	75 - 125
Calcium	35		5.00	40.3		mg/L		99	75 - 125
Chromium	0.0010	U	0.0500	0.0506		mg/L		101	75 - 125
Cobalt	0.00056	U	0.0500	0.0509		mg/L		102	75 - 125
Lead	0.00081	U	0.0500	0.0511		mg/L		102	75 - 125
Lithium	0.0049	U	0.0500	0.0491		mg/L		98	75 - 125
Molybdenum	0.0013	U	0.0500	0.0504		mg/L		101	75 - 125
Selenium	0.00082	U	0.0500	0.0495		mg/L		99	75 - 125
Thallium	0.00046	U	0.0100	0.0101		mg/L		101	75 - 125

Lab Sample ID: 400-217403-D-2-C MSD ^5
Matrix: Water
Analysis Batch: 571318

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 571206

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	0.0531		mg/L		106	75 - 125	1	20
Arsenic	0.0012	U	0.0500	0.0506		mg/L		101	75 - 125	6	20
Barium	0.11		0.0500	0.159		mg/L		95	75 - 125	0	20
Beryllium	0.00092	U	0.0500	0.0487		mg/L		97	75 - 125	4	20
Boron	0.040	I V	0.100	0.139	V	mg/L		99	75 - 125	6	20
Cadmium	0.00065	U	0.0500	0.0521		mg/L		104	75 - 125	1	20
Calcium	35		5.00	40.4		mg/L		101	75 - 125	0	20
Chromium	0.0010	U	0.0500	0.0508		mg/L		102	75 - 125	0	20
Cobalt	0.00056	U	0.0500	0.0500		mg/L		100	75 - 125	2	20
Lead	0.00081	U	0.0500	0.0508		mg/L		102	75 - 125	0	20
Lithium	0.0049	U	0.0500	0.0530		mg/L		106	75 - 125	8	20
Molybdenum	0.0013	U	0.0500	0.0523		mg/L		105	75 - 125	4	20
Selenium	0.00082	U	0.0500	0.0502		mg/L		100	75 - 125	1	20
Thallium	0.00046	U	0.0100	0.0100		mg/L		100	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-571377/14-A
Matrix: Water
Analysis Batch: 572101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571377

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		03/25/22 11:38	03/30/22 16:38	1

Lab Sample ID: LCS 400-571377/15-A
Matrix: Water
Analysis Batch: 572101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.000890		mg/L		88	80 - 120

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

Lab Sample ID: 400-217406-I-11-C MS
Matrix: Water
Analysis Batch: 572101

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 571377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00179		mg/L		89	80 - 120

Lab Sample ID: 400-217406-I-11-D MSD
Matrix: Water
Analysis Batch: 572101

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 571377

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	0.00206		mg/L		102	80 - 120	14	20

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

Lab Sample ID: MB 400-571426/1
Matrix: Water
Analysis Batch: 571426

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			03/25/22 15:42	1

Lab Sample ID: LCS 400-571426/2
Matrix: Water
Analysis Batch: 571426

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	334		mg/L		114	78 - 122

Lab Sample ID: 400-217364-A-1 DU
Matrix: Water
Analysis Batch: 571426

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	90		146	J3	mg/L		47	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-572414/7
Matrix: Water
Analysis Batch: 572414

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			04/03/22 05:13	1

Lab Sample ID: LCS 400-572414/8
Matrix: Water
Analysis Batch: 572414

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	30.9		mg/L		103	90 - 110

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

Lab Sample ID: MRL 400-572414/4
Matrix: Water
Analysis Batch: 572414

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	1.82	I	mg/L		91	50 - 150		

Lab Sample ID: 400-217387-2 MS
Matrix: Water
Analysis Batch: 572414

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	4.9		10.0	15.6		mg/L		107	73 - 120		

Lab Sample ID: 400-217387-2 MSD
Matrix: Water
Analysis Batch: 572414

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	4.9		10.0	15.4		mg/L		105	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-572170/1
Matrix: Water
Analysis Batch: 572170

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.070	U	0.10	0.070	mg/L			03/31/22 14:48	1

Lab Sample ID: LCS 400-572170/4
Matrix: Water
Analysis Batch: 572170

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	5.22		mg/L		104	90 - 110		

Lab Sample ID: 400-217579-K-2 MS
Matrix: Water
Analysis Batch: 572170

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	0.84		1.00	1.46	J3	mg/L		62	75 - 125		

Lab Sample ID: 400-217579-K-2 MSD
Matrix: Water
Analysis Batch: 572170

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	0.84		1.00	1.75	J3	mg/L		91	75 - 125	18	4

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 660-118773-A-5 MS
Matrix: Water
Analysis Batch: 572170

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	1.4		1.00	2.27		mg/L		86	75 - 125

Lab Sample ID: 660-118773-A-5 MSD
Matrix: Water
Analysis Batch: 572170

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	1.4		1.00	2.60	J3	mg/L		120	75 - 125	14	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-573459/5
Matrix: Water
Analysis Batch: 573459

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			04/12/22 04:47	1

Lab Sample ID: LCS 400-573459/6
Matrix: Water
Analysis Batch: 573459

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	15.4		mg/L		103	90 - 110

Lab Sample ID: MRL 400-573459/7
Matrix: Water
Analysis Batch: 573459

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	4.65	I	mg/L		93	50 - 150

Lab Sample ID: 400-217387-2 MS
Matrix: Water
Analysis Batch: 573459

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	5.99	J3	mg/L		60	77 - 128

Lab Sample ID: 400-217387-2 MSD
Matrix: Water
Analysis Batch: 573459

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	6.29	J3	mg/L		63	77 - 128	5	5

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

Lab Sample ID: 400-217387-3 MS
Matrix: Water
Analysis Batch: 573459

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	1.4	U	10.0	6.34	J3	mg/L		63	77 - 128		

Lab Sample ID: 400-217387-3 MSD
Matrix: Water
Analysis Batch: 573459

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	6.02	J3	mg/L		60	77 - 128	5	5

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

Chain of Custody Record

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Client Information	Sampler: Philip E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-109432-23627.1
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 #: 2000393131			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Background A	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-217387 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:

Lot #'s

Special Instructions/Note:

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-100	3/22/22	1400	G	Water			X	X	X	X	X	X		1/2gal (HNO3) - 0000280251
MW-101		1240		Water										
MW-107		1016		Water										500ml (None) - 0422101G
MW-108		0817		Water										250ml (HNO3) - 0000280251
MW-306		0910		Water										
MW-307		1045		Water										
DUP-01	3/22/22	0945	G	Water			X	X	X	X	X	X		
				Water										
				Water										

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: 3/23/22 1530	Company RDH	Received by:	Date/Time: 3.23.22 1530	Company EETS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 4.5°C 3.6°C IR10

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217387-1
SDG Number: Background A

Login Number: 217387
List Number: 1
Creator: Perez, Trina M

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.5°C, 3.6°C IR-10
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 GCEC

Job ID: 400-217387-1
SDG: Background A

Laboratory: Eurofins 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
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	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-22
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-22
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
West Virginia DEP	State	136	05-31-22

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-217387-2
Laboratory Sample Delivery Group: Background A
Client Project/Site: CCR GCEC

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

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
4/27/2022 5:12:07 PM

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

LINKS

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

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

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Case Narrative

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-2
SDG: Background A

Job ID: 400-217387-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217387-2

Receipt
The samples were received on 3/23/2022 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.6º C and 4.5º C.

RAD
Method 9315: Radium-226 batch 557819. 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 (400-217387-1), MW-101 (400-217387-2), MW-107 (400-217387-3), MW-108 (400-217387-4), MW-306 (400-217387-5), MW-307 (400-217387-6), DUP-01 (400-217387-7), (LCS 160-557819/1-A), (LCSD 160-557819/2-A) and (MB 160-557819/20-A)

Method 9320: Radium-228 batch 557820. The LCS/LCSD recovered at (131% & 128%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS/LCSD are not from this agency and are therefore held to our in-house statistical limits of (61-138%) per method requirements. The LCS/LCSD passes, no further action is required. (LCS 160-557820/1-A) and (LCSD 160-557820/2-A)

Method 9320: Radium-228 batch 557820. 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 (400-217387-1), MW-101 (400-217387-2), MW-107 (400-217387-3), MW-108 (400-217387-4), MW-306 (400-217387-5), MW-307 (400-217387-6), DUP-01 (400-217387-7), (LCS 160-557820/1-A), (LCSD 160-557820/2-A) and (MB 160-557820/20-A)

Method PrecSep_0: Radium-228 Prep Batch 160-557820. The following samples were prepared at a reduced aliquot due to Matrix: MW-107 (400-217387-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead of a sample duplicate (DUP) to demonstrate batch precision.

Methods PrecSep-21, PrecSep_0: Radium-226 Prep Batch 160-557819. The following samples were prepared at a reduced aliquot due to Matrix: MW-107 (400-217387-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead of a sample duplicate (DUP) to demonstrate batch precision.

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-2
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 St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-2
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217387-1	MW-100	Water	03/22/22 14:00	03/23/22 15:30
400-217387-2	MW-101	Water	03/22/22 12:40	03/23/22 15:30
400-217387-3	MW-107	Water	03/22/22 10:16	03/23/22 15:30
400-217387-4	MW-108	Water	03/22/22 08:17	03/23/22 15:30
400-217387-5	MW-306	Water	03/22/22 09:10	03/23/22 15:30
400-217387-6	MW-307	Water	03/22/22 10:45	03/23/22 15:30
400-217387-7	DUP-01	Water	03/22/22 09:45	03/23/22 15:30

Client Sample ID: MW-100

Date Collected: 03/22/22 14:00
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-1

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	0.464		0.251	0.255	1.00	0.329	pCi/L	03/29/22 16:06	04/27/22 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*40 - 110*	*03/29/22 16:06*	*04/27/22 09:27*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.28		0.323	0.344	1.00	0.391	pCi/L	03/29/22 16:28	04/26/22 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*
Y Carrier	*83.4*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.75		0.409	0.428	5.00	0.391	pCi/L		04/27/22 15:18	1

Client Sample ID: MW-101
Date Collected: 03/22/22 12:40
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-2
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	0.306	U	0.228	0.230	1.00	0.333	pCi/L	03/29/22 16:06	04/27/22 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*40 - 110*	*03/29/22 16:06*	*04/27/22 09:27*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.795**		0.308	0.316	1.00	0.432	pCi/L	03/29/22 16:28	04/26/22 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*
Y Carrier	*81.1*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.10**		0.383	0.391	5.00	0.432	pCi/L		04/27/22 15:18	1

Client Sample ID: MW-107

Date Collected: 03/22/22 10:16
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-3

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	0.572		0.317	0.321	1.00	0.411	pCi/L	03/29/22 16:06	04/27/22 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*40 - 110*	*03/29/22 16:06*	*04/27/22 09:27*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.20		0.364	0.381	1.00	0.463	pCi/L	03/29/22 16:28	04/26/22 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*
Y Carrier	*85.6*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.78		0.483	0.498	5.00	0.463	pCi/L		04/27/22 15:18	1

Client Sample ID: MW-108

Date Collected: 03/22/22 08:17
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-4

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	0.549		0.254	0.259	1.00	0.291	pCi/L	03/29/22 16:06	04/27/22 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*40 - 110*	*03/29/22 16:06*	*04/27/22 09:27*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.57		0.415	0.478	1.00	0.402	pCi/L	03/29/22 16:28	04/26/22 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*
Y Carrier	*83.0*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*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	3.12		0.487	0.544	5.00	0.402	pCi/L		04/27/22 15:18	1

Client Sample ID: MW-306

Date Collected: 03/22/22 09:10
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-5

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	0.270	U	0.262	0.263	1.00	0.415	pCi/L	03/29/22 16:06	04/27/22 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*40 - 110*	*03/29/22 16:06*	*04/27/22 09:27*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.06**		0.293	0.308	1.00	0.355	pCi/L	03/29/22 16:28	04/26/22 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*
Y Carrier	*85.2*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:20*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.33**		0.393	0.405	5.00	0.415	pCi/L		04/27/22 15:18	1

Client Sample ID: MW-307

Date Collected: 03/22/22 10:45
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-6

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	0.629		0.268	0.274	1.00	0.310	pCi/L	03/29/22 16:06	04/27/22 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.4*		*40 - 110*	*03/29/22 16:06*	*04/27/22 09:27*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.686		0.276	0.283	1.00	0.379	pCi/L	03/29/22 16:28	04/26/22 20:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.4*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:21*	*1*
Y Carrier	*81.9*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:21*	*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	1.32		0.385	0.394	5.00	0.379	pCi/L		04/27/22 15:18	1

Client Sample ID: DUP-01

Date Collected: 03/22/22 09:45
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-7

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	0.623		0.304	0.310	1.00	0.378	pCi/L	03/29/22 16:06	04/27/22 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*40 - 110*	*03/29/22 16:06*	*04/27/22 09:28*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.549		0.308	0.312	1.00	0.461	pCi/L	03/29/22 16:28	04/26/22 20:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:21*	*1*
Y Carrier	*80.4*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:21*	*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	1.17		0.433	0.440	5.00	0.461	pCi/L		04/27/22 15:18	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-2
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 GCEC

Job ID: 400-217387-2
SDG: Background A

Client Sample ID: MW-100
Date Collected: 03/22/22 14:00
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557819	03/29/22 16:06	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 09:27	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557820	03/29/22 16:28	LPS	TAL SL
Total/NA	Analysis	9320		1	562034	04/26/22 20:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562419	04/27/22 15:18	SCB	TAL SL

Client Sample ID: MW-101
Date Collected: 03/22/22 12:40
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557819	03/29/22 16:06	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 09:27	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557820	03/29/22 16:28	LPS	TAL SL
Total/NA	Analysis	9320		1	562034	04/26/22 20:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562419	04/27/22 15:18	SCB	TAL SL

Client Sample ID: MW-107
Date Collected: 03/22/22 10:16
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557819	03/29/22 16:06	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 09:27	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557820	03/29/22 16:28	LPS	TAL SL
Total/NA	Analysis	9320		1	562034	04/26/22 20:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562419	04/27/22 15:18	SCB	TAL SL

Client Sample ID: MW-108
Date Collected: 03/22/22 08:17
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557819	03/29/22 16:06	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 09:27	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557820	03/29/22 16:28	LPS	TAL SL
Total/NA	Analysis	9320		1	562034	04/26/22 20:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562419	04/27/22 15:18	SCB	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-2
SDG: Background A

Client Sample ID: MW-306
Date Collected: 03/22/22 09:10
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557819	03/29/22 16:06	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 09:27	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557820	03/29/22 16:28	LPS	TAL SL
Total/NA	Analysis	9320		1	562034	04/26/22 20:20	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562419	04/27/22 15:18	SCB	TAL SL

Client Sample ID: MW-307
Date Collected: 03/22/22 10:45
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557819	03/29/22 16:06	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 09:27	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557820	03/29/22 16:28	LPS	TAL SL
Total/NA	Analysis	9320		1	562034	04/26/22 20:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562419	04/27/22 15:18	SCB	TAL SL

Client Sample ID: DUP-01
Date Collected: 03/22/22 09:45
Date Received: 03/23/22 15:30

Lab Sample ID: 400-217387-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557819	03/29/22 16:06	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 09:28	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557820	03/29/22 16:28	LPS	TAL SL
Total/NA	Analysis	9320		1	562034	04/26/22 20:21	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562419	04/27/22 15:18	SCB	TAL SL

Laboratory References:

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

Rad

Prep Batch: 557819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	PrecSep-21	
400-217387-2	MW-101	Total/NA	Water	PrecSep-21	
400-217387-3	MW-107	Total/NA	Water	PrecSep-21	
400-217387-4	MW-108	Total/NA	Water	PrecSep-21	
400-217387-5	MW-306	Total/NA	Water	PrecSep-21	
400-217387-6	MW-307	Total/NA	Water	PrecSep-21	
400-217387-7	DUP-01	Total/NA	Water	PrecSep-21	
MB 160-557819/20-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-557819/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-557819/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 557820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217387-1	MW-100	Total/NA	Water	PrecSep_0	
400-217387-2	MW-101	Total/NA	Water	PrecSep_0	
400-217387-3	MW-107	Total/NA	Water	PrecSep_0	
400-217387-4	MW-108	Total/NA	Water	PrecSep_0	
400-217387-5	MW-306	Total/NA	Water	PrecSep_0	
400-217387-6	MW-307	Total/NA	Water	PrecSep_0	
400-217387-7	DUP-01	Total/NA	Water	PrecSep_0	
MB 160-557820/20-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-557820/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-557820/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-557819/20-A
Matrix: Water
Analysis Batch: 562245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 557819

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-22.	0L111.	5	0L194	0L194	1L00	0L337	pCi/6	03/29/22 1. :0.	04/27/22 10:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.8*		*40 - 110*	*03/29/22 16:06*	*04/27/22 10:01*	*1*

Lab Sample ID: LCS 160-557819/1-A
Matrix: Water
Analysis Batch: 562246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 557819

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-22.			11L3	10L43		1L32	1L00	0L2s7	pCi/6	92	7s - 12s		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*91.1*		*40 - 110*

Lab Sample ID: LCSD 160-557819/2-A
Matrix: Water
Analysis Batch: 562246

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 557819

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-22.			11L3	10L11		1L30	1L00	0L2. 8	pCi/6	89	7s - 12s	0L12	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*90.1*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-557820/20-A
Matrix: Water
Analysis Batch: 562035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 557820

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0L1s8s	5	0L233	0L233	1L00	0L390	pCi/6	03/29/22 1. :28	04/2. /22 20:23	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.8*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:23*	*1*
Y Carrier	*83.7*		*40 - 110*	*03/29/22 16:28*	*04/26/22 20:23*	*1*

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

Lab Sample ID: LCS 160-557820/1-A
Matrix: Water
Analysis Batch: 562034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 557820

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8L 7	11L3.		1L29	1L00	0L440	pCi/6	131	7s - 12s		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*91.1*		*40 - 110*
Y Carrier	*84.5*		*40 - 110*

Lab Sample ID: LCSD 160-557820/2-A
Matrix: Water
Analysis Batch: 562034

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 557820

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8L 7	11L12		1L27	1L00	0L419	pCi/6	128	7s - 12s	0L09	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*90.1*		*40 - 110*
Y Carrier	*82.2*		*40 - 110*

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

Chain of Custody Record

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Client Information	Sampler: Philip E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-109432-23627.1
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 #: 2000393131			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Background A	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-217387 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
Preservation Code:							D	N	N	D	N	N		Lot #'s
MW-100	3/22/22	1400	G	Water			X	X	X	X	X	X		1/2gal (HNO3) - 0000280251
MW-101		1240		Water										
MW-107		1016		Water										500ml (None) - 0422101G
MW-108		0817		Water										250ml (HNO3) - 0000280251
MW-306		0910		Water										
MW-307		1045		Water										
DUP-01	3/22/22	0945	G	Water			X	X	X	X	X	X		
				Water										
				Water										

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: 3/23/22 1530	Company RDH	Received by: Kathy R Avery
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 3.23.22 1530 Company EETS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.5°C 3.6°C IR10

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217387-2
SDG Number: Background A

Login Number: 217387
List Number: 1
Creator: Perez, Trina M

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.5°C, 3.6°C IR-10
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 GCEC

Job ID: 400-217387-2
SDG: Background A

Laboratory: Eurofins 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	05-06-25
ANAB	Dept. of Defense ELAP	L2305	04-06-25
ANAB	Dept. of Energy	L2305.01	04-06-25
ANAB	ISO/IEC 17025	L2305	04-06-25
Arizona	State	AZ0813	12-08-22
California	Los Angeles County Sanitation Districts	10259	06-30-22
California	State	2886	07-01-22
Connecticut	State	PH-0241	03-31-23
Florida	NELAP	E87689	06-30-22
HI - RadChem Recognition	State	n/a	06-30-22
Illinois	NELAP	200023	11-30-22
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-22
Kentucky (DW)	State	KY90125	12-31-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-22
Louisiana	NELAP	04080	06-30-22
Louisiana (DW)	State	LA011	12-31-22
Maryland	State	310	09-30-22
MI - RadChem Recognition	State	9005	06-30-22
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-22
New Jersey	NELAP	MO002	06-30-22
New York	NELAP	11616	04-01-23
North Dakota	State	R-207	06-30-22
NRC	NRC	24-24817-01	12-31-22
Oklahoma	NELAP	9997	08-31-22
Oregon	NELAP	4157	09-01-22
Pennsylvania	NELAP	68-00540	02-28-23
South Carolina	State	85002001	06-30-22
Texas	NELAP	T104704193	07-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542021-14	08-01-22
Virginia	NELAP	10310	06-14-22
Washington	State	C592	08-30-22
West Virginia DEP	State	381	10-31-22

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-217490-1
Laboratory Sample Delivery Group: Downgradient B
Client Project/Site: CCR GCEC

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

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
4/20/2022 3:44:10 PM

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

LINKS

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

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

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Job ID: 400-217490-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217490-1

Metals
Method 6020: The sample is unable to be ran at 1x due to high concentration of Boron. Due to this inability, the following samples are able to be reported at 5x dilution. MW-104 (400-217490-3) and MW-110 (400-217490-7)

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-571426 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike duplicate (MSD) recoveries and precision for analytical batch 400-573137 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 Cl- E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-104 (400-217490-3) and MW-110 (400-217490-7). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-104 (400-217490-3) and MW-110 (400-217490-7). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-573460 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 GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-102 — Lab Sample ID: 400-217490-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.013		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.017	V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	2.0		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0063		0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.00088		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Molybdenum	0.00091	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Selenium	0.00025		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	36		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.9		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	1.8	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	5.02				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-103 — Lab Sample ID: 400-217490-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.027		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.20		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	3.6		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0030		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00026	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.00099	I	0.0010	0.00098	mg/L	1		6020	Total Recoverable
Molybdenum	0.00092	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Selenium	0.0014		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	90		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	9.8		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	28		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	5.02				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-104 — Lab Sample ID: 400-217490-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0018		0.0013	0.0012	mg/L	5		6020	Total Recoverable
Barium	0.030		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	8.7		1.0	0.024	mg/L	100		6020	Total Recoverable
Calcium	71		5.0	2.5	mg/L	100		6020	Total Recoverable
Chromium	0.0010	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-104 (Continued) — Lab Sample ID: 400-217490-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.023		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.0018		0.0013	0.00081	mg/L	5		6020	Total Recoverable
Lithium	0.020		0.0050	0.0049	mg/L	5		6020	Total Recoverable
Selenium	0.0067		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Mercury	0.00032		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	1300		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	120		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Fluoride	0.30		0.10	0.070	mg/L	1		SM 4500 F C	Total/NA
Sulfate	560		130	35	mg/L	25		SM 4500 SO4 E	Total/NA
Field pH	4.15				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-105 — Lab Sample ID: 400-217490-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0073		0.00025	0.00024	mg/L	1		6020	Total Recoverable
Barium	0.027		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.23		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	62		1.3	0.63	mg/L	25		6020	Total Recoverable
Chromium	0.00073		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00017	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Molybdenum	0.0089		0.0030	0.00026	mg/L	1		6020	Total Recoverable
Selenium	0.00023	I	0.00025	0.00016	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	230		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
Sulfate	24		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.48				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-106 — Lab Sample ID: 400-217490-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.0074	I V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	0.48		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0044		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00099		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Molybdenum	0.00068	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	30		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.1		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-106 (Continued) — Lab Sample ID: 400-217490-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	4.99				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-109 — Lab Sample ID: 400-217490-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.020		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.36		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	4.8		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0061		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.0094		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0062		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Molybdenum	0.00090	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Selenium	0.00035		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Mercury	0.00047		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	90		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	28		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	28		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	5.00				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-110 — Lab Sample ID: 400-217490-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.024		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	4.5		0.25	0.0059	mg/L	25		6020	Total Recoverable
Calcium	28		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0025		0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.013		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lithium	0.011		0.0050	0.0049	mg/L	5		6020	Total Recoverable
Selenium	0.0034		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Mercury	0.0034		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	630		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	110		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	270		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	5.01				SU	1		Field Sampling	Total/NA

Client Sample ID: FB-01 — Lab Sample ID: 400-217490-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.017	V	0.010	0.00024	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: DUP-01 — Lab Sample ID: 400-217490-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0073		0.00025	0.00024	mg/L	1		6020	Total Recoverable
Barium	0.027		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.15		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	63		1.3	0.63	mg/L	25		6020	Total Recoverable
Chromium	0.00073		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00018	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Molybdenum	0.0087		0.0030	0.00026	mg/L	1		6020	Total Recoverable
Selenium	0.00016	I	0.00025	0.00016	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	260		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
Sulfate	22		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.48				SU	1		Field Sampling	Total/NA

Client Sample ID: EB-01 — Lab Sample ID: 400-217490-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.0026	I V	0.010	0.00024	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

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 Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217490-1	MW-102	Water	03/23/22 15:00	03/24/22 15:05
400-217490-2	MW-103	Water	03/24/22 13:50	03/24/22 15:05
400-217490-3	MW-104	Water	03/23/22 12:05	03/24/22 15:05
400-217490-4	MW-105	Water	03/23/22 09:51	03/24/22 15:05
400-217490-5	MW-106	Water	03/23/22 09:20	03/24/22 15:05
400-217490-6	MW-109	Water	03/23/22 12:50	03/24/22 15:05
400-217490-7	MW-110	Water	03/23/22 10:50	03/24/22 15:05
400-217490-8	FB-01	Water	03/23/22 09:25	03/24/22 15:05
400-217490-9	DUP-01	Water	03/23/22 08:51	03/24/22 15:05
400-217490-10	EB-01	Water	03/23/22 12:20	03/24/22 15:05

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-102

Date Collected: 03/23/22 15:00
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-1

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 17:32	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 17:32	1
Barium	**0.013**		0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 17:32	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 17:32	1
Boron	**0.017**	**V**	0.010	0.00024	mg/L		03/28/22 19:15	03/30/22 17:32	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 17:32	1
Calcium	**2.0**		0.25	0.13	mg/L		03/28/22 19:15	03/29/22 18:51	5
Chromium	**0.0063**		0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 18:51	5
Cobalt	**0.00088**		0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 17:32	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:32	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 17:32	1
Molybdenum	**0.00091**	**I**	0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 17:32	1
Selenium	**0.00025**		0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:32	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 17:32	1

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		04/06/22 10:30	04/06/22 17:43	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**36**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**6.9**		2.0	1.4	mg/L			04/10/22 04:36	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 12:39	1
Sulfate	**1.8**	**I**	5.0	1.4	mg/L			04/12/22 05:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.02**				SU			03/23/22 15:00	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-103

Date Collected: 03/24/22 13:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-2

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 17:42	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 17:42	1
Barium	**0.027**		0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 17:42	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 17:42	1
Boron	**0.20**		0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 19:01	5
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 17:42	1
Calcium	**3.6**		0.050	0.025	mg/L		03/28/22 19:15	03/30/22 17:42	1
Chromium	**0.0030**		0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 17:42	1
Cobalt	**0.00026**	**I**	0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 17:42	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:42	1
Lithium	**0.00099**	**I**	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 17:42	1
Molybdenum	**0.00092**	**I**	0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 17:42	1
Selenium	**0.0014**		0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:42	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 17:42	1

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		04/06/22 10:30	04/06/22 17:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**90**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**9.8**		2.0	1.4	mg/L			04/10/22 04:36	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**28**		5.0	1.4	mg/L			04/12/22 05:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.02**				SU			03/24/22 13:50	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-104

Date Collected: 03/23/22 12:05
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-3

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		03/28/22 19:15	03/29/22 19:04	5
Arsenic	**0.0018**		0.0013	0.0012	mg/L		03/28/22 19:15	03/29/22 19:04	5
Barium	**0.030**		0.0025	0.00070	mg/L		03/28/22 19:15	03/29/22 19:04	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/28/22 19:15	03/29/22 19:04	5
Boron	**8.7**		1.0	0.024	mg/L		03/28/22 19:15	03/30/22 17:45	100
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/28/22 19:15	03/29/22 19:04	5
Calcium	**71**		5.0	2.5	mg/L		03/28/22 19:15	03/30/22 17:45	100
Chromium	**0.0010**	**I**	0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 19:04	5
Cobalt	**0.023**		0.0025	0.00056	mg/L		03/28/22 19:15	03/29/22 19:04	5
Lead	**0.0018**		0.0013	0.00081	mg/L		03/28/22 19:15	03/29/22 19:04	5
Lithium	**0.020**		0.0050	0.0049	mg/L		03/28/22 19:15	03/29/22 19:04	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/28/22 19:15	03/29/22 19:04	5
Selenium	**0.0067**		0.0013	0.00082	mg/L		03/28/22 19:15	03/29/22 19:04	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/28/22 19:15	03/29/22 19:04	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00032**		0.00020	0.00015	mg/L		04/06/22 10:30	04/06/22 17:50	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1300**		10	10	mg/L			03/25/22 15:42	1
Chloride	**120**		10	7.0	mg/L			04/10/22 04:49	5
Fluoride	**0.30**		0.10	0.070	mg/L			04/08/22 12:10	1
Sulfate	**560**		130	35	mg/L			04/12/22 05:48	25

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.15**				SU			03/23/22 12:05	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-105

Date Collected: 03/23/22 09:51
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-4

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 17:48	1
Arsenic	**0.0073**		0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 17:48	1
Barium	**0.027**		0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 17:48	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 17:48	1
Boron	**0.23**		0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 19:08	5
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 17:48	1
Calcium	**62**		1.3	0.63	mg/L		03/28/22 19:15	03/30/22 17:52	25
Chromium	**0.00073**		0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 17:48	1
Cobalt	**0.00017**	**I**	0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 17:48	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:48	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 17:48	1
Molybdenum	**0.0089**		0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 17:48	1
Selenium	**0.00023**	**I**	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:48	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 17:48	1

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		04/06/22 10:30	04/06/22 17:52	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**230**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**10**		2.0	1.4	mg/L			04/10/22 04:37	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 12:13	1
Sulfate	**24**		5.0	1.4	mg/L			04/12/22 05:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.48**				SU			03/23/22 09:51	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-106

Date Collected: 03/23/22 09:20
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-5

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 17:55	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 17:55	1
Barium	**0.012**		0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 17:55	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 17:55	1
Boron	**0.0074**	**I V**	0.010	0.00024	mg/L		03/28/22 19:15	03/30/22 17:55	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 17:55	1
Calcium	**0.48**		0.050	0.025	mg/L		03/28/22 19:15	03/30/22 17:55	1
Chromium	**0.0044**		0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 17:55	1
Cobalt	**0.00099**		0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 17:55	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:55	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 17:55	1
Molybdenum	**0.00068**	**I**	0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 17:55	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 17:55	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 17:55	1

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		04/06/22 10:30	04/06/22 17:54	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**30**		5.0	5.0	mg/L			03/25/22 15:42	1
Chloride	**4.1**		2.0	1.4	mg/L			04/10/22 04:37	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 11:58	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 05:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.99**				SU			03/23/22 09:20	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-109

Date Collected: 03/23/22 12:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-6

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 18:05	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 18:05	1
Barium	**0.020**		0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 18:05	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 18:05	1
Boron	**0.36**		0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 19:21	5
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 18:05	1
Calcium	**4.8**		0.050	0.025	mg/L		03/28/22 19:15	03/30/22 18:05	1
Chromium	**0.0061**		0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 18:05	1
Cobalt	**0.0094**		0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 18:05	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:05	1
Lithium	**0.0062**		0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 18:05	1
Molybdenum	**0.00090**	**I**	0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 18:05	1
Selenium	**0.00035**		0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:05	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 18:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00047**		0.00020	0.00015	mg/L		04/06/22 10:30	04/06/22 17:56	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**90**		5.0	5.0	mg/L			03/25/22 15:52	1
Chloride	**28**		2.0	1.4	mg/L			04/10/22 04:37	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 12:32	1
Sulfate	**28**		5.0	1.4	mg/L			04/12/22 05:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.00**				SU			03/23/22 12:50	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-110

Date Collected: 03/23/22 10:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-7

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		03/28/22 19:15	03/29/22 19:24	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		03/28/22 19:15	03/29/22 19:24	5
Barium	**0.024**		0.0025	0.00070	mg/L		03/28/22 19:15	03/29/22 19:24	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/28/22 19:15	03/29/22 19:24	5
Boron	**4.5**		0.25	0.0059	mg/L		03/28/22 19:15	03/30/22 18:08	25
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/28/22 19:15	03/29/22 19:24	5
Calcium	**28**		0.25	0.13	mg/L		03/28/22 19:15	03/29/22 19:24	5
Chromium	**0.0025**		0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 19:24	5
Cobalt	**0.013**		0.0025	0.00056	mg/L		03/28/22 19:15	03/29/22 19:24	5
Lead	0.00081	U	0.0013	0.00081	mg/L		03/28/22 19:15	03/29/22 19:24	5
Lithium	**0.011**		0.0050	0.0049	mg/L		03/28/22 19:15	03/29/22 19:24	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/28/22 19:15	03/29/22 19:24	5
Selenium	**0.0034**		0.0013	0.00082	mg/L		03/28/22 19:15	03/29/22 19:24	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/28/22 19:15	03/29/22 19:24	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0034**		0.00020	0.00015	mg/L		04/06/22 10:30	04/06/22 17:58	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**630**		5.0	5.0	mg/L			03/25/22 15:52	1
Chloride	**110**		10	7.0	mg/L			04/10/22 04:49	5
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**270**		50	14	mg/L			04/12/22 05:48	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.01**				SU			03/23/22 10:50	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: FB-01

Date Collected: 03/23/22 09:25
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-8

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 18:11	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 18:11	1
Barium	0.00014	U	0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 18:11	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 18:11	1
Boron	**0.017**	**V**	0.010	0.00024	mg/L		03/28/22 19:15	03/30/22 18:11	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 18:11	1
Calcium	0.025	U	0.050	0.025	mg/L		03/28/22 19:15	03/30/22 18:11	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 18:11	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 18:11	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:11	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 18:11	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 18:11	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:11	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 18:11	1

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		04/06/22 10:30	04/06/22 18:00	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			03/25/22 15:52	1
Chloride	1.4	U	2.0	1.4	mg/L			04/10/22 04:37	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 12:25	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 05:48	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: DUP-01

Date Collected: 03/23/22 08:51
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-9

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 18:14	1
Arsenic	**0.0073**		0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 18:14	1
Barium	**0.027**		0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 18:14	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 18:14	1
Boron	**0.15**		0.010	0.00024	mg/L		03/28/22 19:15	03/30/22 18:14	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 18:14	1
Calcium	**63**		1.3	0.63	mg/L		03/28/22 19:15	03/30/22 18:18	25
Chromium	**0.00073**		0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 18:14	1
Cobalt	**0.00018**	**I**	0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 18:14	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:14	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 18:14	1
Molybdenum	**0.0087**		0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 18:14	1
Selenium	**0.00016**	**I**	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:14	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 18:14	1

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		04/06/22 10:30	04/06/22 18:02	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**260**		5.0	5.0	mg/L			03/25/22 15:52	1
Chloride	**10**		2.0	1.4	mg/L			04/10/22 04:37	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 12:06	1
Sulfate	**22**		5.0	1.4	mg/L			04/12/22 05:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.48**				SU			03/23/22 08:51	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: EB-01

Date Collected: 03/23/22 12:20
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-10

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		03/28/22 19:15	03/30/22 18:21	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 18:21	1
Barium	0.00014	U	0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 18:21	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 18:21	1
Boron	**0.0026**	**I V**	0.010	0.00024	mg/L		03/28/22 19:15	03/30/22 18:21	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 18:21	1
Calcium	0.025	U	0.050	0.025	mg/L		03/28/22 19:15	03/30/22 18:21	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 18:21	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 18:21	1
Lead	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:21	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 18:21	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 18:21	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:21	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 18:21	1

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		04/06/22 10:30	04/06/22 18:04	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			03/25/22 15:52	1
Chloride	1.4	U	2.0	1.4	mg/L			04/10/22 04:38	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 12:42	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/12/22 05:48	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 GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-102
Date Collected: 03/23/22 15:00
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	571928	03/29/22 18:51	KIS	TAL PEN
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 17:32	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 17:43	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:36	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 12:39	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/23/22 15:00	EHS	TAL PEN

Client Sample ID: MW-103
Date Collected: 03/24/22 13:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	571928	03/29/22 19:01	KIS	TAL PEN
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 17:42	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 17:45	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:36	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573603	04/12/22 17:02	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/24/22 13:50	EHS	TAL PEN

Client Sample ID: MW-104
Date Collected: 03/23/22 12:05
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	571928	03/29/22 19:04	KIS	TAL PEN
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		100	572100	03/30/22 17:45	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 17:50	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	573266	04/10/22 04:49	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 12:10	KB	TAL PEN

Client Sample ID: MW-104
Date Collected: 03/23/22 12:05
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		25	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/23/22 12:05	EHS	TAL PEN

Client Sample ID: MW-105
Date Collected: 03/23/22 09:51
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	571928	03/29/22 19:08	KIS	TAL PEN
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 17:48	KIS	TAL PEN
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	572100	03/30/22 17:52	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 17:52	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:37	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 12:13	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/23/22 09:51	EHS	TAL PEN

Client Sample ID: MW-106
Date Collected: 03/23/22 09:20
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 17:55	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 17:54	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571426	03/25/22 15:42	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:37	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 11:58	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/23/22 09:20	EHS	TAL PEN

Client Sample ID: MW-109
Date Collected: 03/23/22 12:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	571928	03/29/22 19:21	KIS	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-1
SDG: Downgradient B

Client Sample ID: MW-109
Date Collected: 03/23/22 12:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 18:05	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 17:56	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571428	03/25/22 15:52	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:37	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 12:32	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/23/22 12:50	EHS	TAL PEN

Client Sample ID: MW-110
Date Collected: 03/23/22 10:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	571928	03/29/22 19:24	KIS	TAL PEN
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	572100	03/30/22 18:08	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 17:58	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571428	03/25/22 15:52	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		5	573266	04/10/22 04:49	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573603	04/12/22 17:02	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		10	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/23/22 10:50	EHS	TAL PEN

Client Sample ID: FB-01
Date Collected: 03/23/22 09:25
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 18:11	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 18:00	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571428	03/25/22 15:52	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:37	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 12:25	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN

Client Sample ID: DUP-01

Date Collected: 03/23/22 08:51
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 18:14	KIS	TAL PEN
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	572100	03/30/22 18:18	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 18:02	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571428	03/25/22 15:52	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:37	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 12:06	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/23/22 08:51	EHS	TAL PEN

Client Sample ID: EB-01

Date Collected: 03/23/22 12:20
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			571722	03/28/22 19:15	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572100	03/30/22 18:21	KIS	TAL PEN
Total/NA	Prep	7470A			572697	04/06/22 10:30	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/06/22 18:04	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571428	03/25/22 15:52	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573266	04/10/22 04:38	DN1	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573137	04/08/22 12:42	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573460	04/12/22 05:48	DN1	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 571722

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total Recoverable	Water	3005A	
400-217490-2	MW-103	Total Recoverable	Water	3005A	
400-217490-3	MW-104	Total Recoverable	Water	3005A	
400-217490-4	MW-105	Total Recoverable	Water	3005A	
400-217490-5	MW-106	Total Recoverable	Water	3005A	
400-217490-6	MW-109	Total Recoverable	Water	3005A	
400-217490-7	MW-110	Total Recoverable	Water	3005A	
400-217490-8	FB-01	Total Recoverable	Water	3005A	
400-217490-9	DUP-01	Total Recoverable	Water	3005A	
400-217490-10	EB-01	Total Recoverable	Water	3005A	
MB 400-571722/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-571722/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-217490-1 MS	MW-102	Total Recoverable	Water	3005A	
400-217490-1 MSD	MW-102	Total Recoverable	Water	3005A	

Analysis Batch: 571x2d

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total Recoverable	Water	6020	571722
400-217490-2	MW-103	Total Recoverable	Water	6020	571722
400-217490-3	MW-104	Total Recoverable	Water	6020	571722
400-217490-4	MW-105	Total Recoverable	Water	6020	571722
400-217490-6	MW-109	Total Recoverable	Water	6020	571722
400-217490-7	MW-110	Total Recoverable	Water	6020	571722
MB 400-571722/1-A ^5	Method Blank	Total Recoverable	Water	6020	571722
LCS 400-571722/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	571722
400-217490-1 MS	MW-102	Total Recoverable	Water	6020	571722
400-217490-1 MSD	MW-102	Total Recoverable	Water	6020	571722

Analysis Batch: 572133

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total Recoverable	Water	6020	571722
400-217490-2	MW-103	Total Recoverable	Water	6020	571722
400-217490-3	MW-104	Total Recoverable	Water	6020	571722
400-217490-4	MW-105	Total Recoverable	Water	6020	571722
400-217490-4	MW-105	Total Recoverable	Water	6020	571722
400-217490-5	MW-106	Total Recoverable	Water	6020	571722
400-217490-6	MW-109	Total Recoverable	Water	6020	571722
400-217490-7	MW-110	Total Recoverable	Water	6020	571722
400-217490-8	FB-01	Total Recoverable	Water	6020	571722
400-217490-9	DUP-01	Total Recoverable	Water	6020	571722
400-217490-9	DUP-01	Total Recoverable	Water	6020	571722
400-217490-10	EB-01	Total Recoverable	Water	6020	571722
400-217490-1 MS	MW-102	Total Recoverable	Water	6020	571722
400-217490-1 MSD	MW-102	Total Recoverable	Water	6020	571722

Prep Batch: 5728x7

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total/NA	Water	7470A	
400-217490-2	MW-103	Total/NA	Water	7470A	
400-217490-3	MW-104	Total/NA	Water	7470A	
400-217490-4	MW-105	Total/NA	Water	7470A	

Metals (ContinueT)

Prep Batch: 5728x7 (ContinueT)

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-5	MW-106	Total/NA	Water	7470A	
400-217490-6	MW-109	Total/NA	Water	7470A	
400-217490-7	MW-110	Total/NA	Water	7470A	
400-217490-8	FB-01	Total/NA	Water	7470A	
400-217490-9	DUP-01	Total/NA	Water	7470A	
400-217490-10	EB-01	Total/NA	Water	7470A	
MB 400-572697/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-572697/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-217921-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-217921-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 57G33x

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total/NA	Water	7470A	572697
400-217490-2	MW-103	Total/NA	Water	7470A	572697
400-217490-3	MW-104	Total/NA	Water	7470A	572697
400-217490-4	MW-105	Total/NA	Water	7470A	572697
400-217490-5	MW-106	Total/NA	Water	7470A	572697
400-217490-6	MW-109	Total/NA	Water	7470A	572697
400-217490-7	MW-110	Total/NA	Water	7470A	572697
400-217490-8	FB-01	Total/NA	Water	7470A	572697
400-217490-9	DUP-01	Total/NA	Water	7470A	572697
400-217490-10	EB-01	Total/NA	Water	7470A	572697
MB 400-572697/14-A	Method Blank	Total/NA	Water	7470A	572697
LCS 400-572697/15-A	Lab Control Sample	Total/NA	Water	7470A	572697
400-217921-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	572697
400-217921-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	572697

4 eneral Chemistry

Analysis Batch: 571928

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total/NA	Water	SM 2540C	
400-217490-2	MW-103	Total/NA	Water	SM 2540C	
400-217490-3	MW-104	Total/NA	Water	SM 2540C	
400-217490-4	MW-105	Total/NA	Water	SM 2540C	
400-217490-5	MW-106	Total/NA	Water	SM 2540C	
MB 400-571426/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-571426/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-217364-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 57192d

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-6	MW-109	Total/NA	Water	SM 2540C	
400-217490-7	MW-110	Total/NA	Water	SM 2540C	
400-217490-8	FB-01	Total/NA	Water	SM 2540C	
400-217490-9	DUP-01	Total/NA	Water	SM 2540C	
400-217490-10	EB-01	Total/NA	Water	SM 2540C	
MB 400-571428/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-571428/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-217490-6 DU	MW-109	Total/NA	Water	SM 2540C	

4 eneral Chemistry

Analysis Batch: 57G1G7

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total/NA	Water	SM 4500 F C	
400-217490-3	MW-104	Total/NA	Water	SM 4500 F C	
400-217490-4	MW-105	Total/NA	Water	SM 4500 F C	
400-217490-5	MW-106	Total/NA	Water	SM 4500 F C	
400-217490-6	MW-109	Total/NA	Water	SM 4500 F C	
400-217490-8	FB-01	Total/NA	Water	SM 4500 F C	
400-217490-9	DUP-01	Total/NA	Water	SM 4500 F C	
400-217490-10	EB-01	Total/NA	Water	SM 4500 F C	
MB 400-573137/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-573137/6	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-217487-B-6 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-217487-B-6 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-217490-8 MS	FB-01	Total/NA	Water	SM 4500 F C	
400-217490-8 MSD	FB-01	Total/NA	Water	SM 4500 F C	

Analysis Batch: 57G288

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total/NA	Water	SM 4500 Cl- E	
400-217490-2	MW-103	Total/NA	Water	SM 4500 Cl- E	
400-217490-3	MW-104	Total/NA	Water	SM 4500 Cl- E	
400-217490-4	MW-105	Total/NA	Water	SM 4500 Cl- E	
400-217490-5	MW-106	Total/NA	Water	SM 4500 Cl- E	
400-217490-6	MW-109	Total/NA	Water	SM 4500 Cl- E	
400-217490-7	MW-110	Total/NA	Water	SM 4500 Cl- E	
400-217490-8	FB-01	Total/NA	Water	SM 4500 Cl- E	
400-217490-9	DUP-01	Total/NA	Water	SM 4500 Cl- E	
400-217490-10	EB-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-573266/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-573266/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-573266/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-217490-1 MS	MW-102	Total/NA	Water	SM 4500 Cl- E	
400-217490-1 MSD	MW-102	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 57G983

0a6 Sample Ib	Client Sample Ib	Prep I ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total/NA	Water	SM 4500 SO4 E	
400-217490-2	MW-103	Total/NA	Water	SM 4500 SO4 E	
400-217490-3	MW-104	Total/NA	Water	SM 4500 SO4 E	
400-217490-4	MW-105	Total/NA	Water	SM 4500 SO4 E	
400-217490-5	MW-106	Total/NA	Water	SM 4500 SO4 E	
400-217490-6	MW-109	Total/NA	Water	SM 4500 SO4 E	
400-217490-7	MW-110	Total/NA	Water	SM 4500 SO4 E	
400-217490-8	FB-01	Total/NA	Water	SM 4500 SO4 E	
400-217490-9	DUP-01	Total/NA	Water	SM 4500 SO4 E	
400-217490-10	EB-01	Total/NA	Water	SM 4500 SO4 E	
MB 400-573460/13	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-573460/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-573460/15	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-217490-5 MS	MW-106	Total/NA	Water	SM 4500 SO4 E	
400-217490-5 MSD	MW-106	Total/NA	Water	SM 4500 SO4 E	

4 eneral Chemistry

Analysis Batch: 57G83G

0a6 Sample lb	Client Sample lb	Prep l ype	MatriD	MethoT	Prep Batch
400-217490-2	MW-103	Total/NA	Water	SM 4500 F C	
400-217490-7	MW-110	Total/NA	Water	SM 4500 F C	
MB 400-573603/1	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-573603/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-217541-B-4 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-217541-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-217669-O-2 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-217669-O-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

FielT Service / Mo6ile 0a6

Analysis Batch: 57G52d

0a6 Sample lb	Client Sample lb	Prep l ype	MatriD	MethoT	Prep Batch
400-217490-1	MW-102	Total/NA	Water	Field Sampling	
400-217490-2	MW-103	Total/NA	Water	Field Sampling	
400-217490-3	MW-104	Total/NA	Water	Field Sampling	
400-217490-4	MW-105	Total/NA	Water	Field Sampling	
400-217490-5	MW-106	Total/NA	Water	Field Sampling	
400-217490-6	MW-109	Total/NA	Water	Field Sampling	
400-217490-7	MW-110	Total/NA	Water	Field Sampling	
400-217490-9	DUP-01	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-571722/1-A ^5
Matrix: Water
Analysis Batch: 571928

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 571722

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		03/28/22 19:15	03/29/22 18:29	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		03/28/22 19:15	03/29/22 18:29	5
Barium	0.00070	U	0.0025	0.00070	mg/L		03/28/22 19:15	03/29/22 18:29	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/28/22 19:15	03/29/22 18:29	5
Boron	0.00424	I	0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 18:29	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/28/22 19:15	03/29/22 18:29	5
Calcium	0.13	U	0.25	0.13	mg/L		03/28/22 19:15	03/29/22 18:29	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 18:29	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/28/22 19:15	03/29/22 18:29	5
Lead	0.00081	U	0.0013	0.00081	mg/L		03/28/22 19:15	03/29/22 18:29	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		03/28/22 19:15	03/29/22 18:29	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/28/22 19:15	03/29/22 18:29	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		03/28/22 19:15	03/29/22 18:29	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/28/22 19:15	03/29/22 18:29	5

Lab Sample ID: LCS 400-571722/2-A ^5
Matrix: Water
Analysis Batch: 571928

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 571722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0535		mg/L		107	80 - 120
Arsenic	0.0500	0.0529		mg/L		106	80 - 120
Barium	0.0500	0.0503		mg/L		101	80 - 120
Beryllium	0.0500	0.0503		mg/L		101	80 - 120
Boron	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.0500	0.0522		mg/L		104	80 - 120
Calcium	5.00	5.06		mg/L		101	80 - 120
Chromium	0.0500	0.0525		mg/L		105	80 - 120
Cobalt	0.0500	0.0518		mg/L		104	80 - 120
Lead	0.0500	0.0521		mg/L		104	80 - 120
Lithium	0.0500	0.0512		mg/L		102	80 - 120
Molybdenum	0.0500	0.0515		mg/L		103	80 - 120
Selenium	0.0500	0.0515		mg/L		103	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: 400-217490-1 MS
Matrix: Water
Analysis Batch: 571928

Client Sample ID: MW-102
Prep Type: Total Recoverable
Prep Batch: 571722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0531		mg/L		106	75 - 125
Arsenic	0.0012	U	0.0500	0.0522		mg/L		104	75 - 125
Barium	0.013		0.0500	0.0645		mg/L		102	75 - 125
Beryllium	0.00092	U	0.0500	0.0509		mg/L		102	75 - 125
Boron	0.023	I V	0.100	0.112		mg/L		89	75 - 125
Cadmium	0.00065	U	0.0500	0.0493		mg/L		99	75 - 125
Calcium	2.0		5.00	7.20		mg/L		103	75 - 125
Chromium	0.0063		0.0500	0.0571		mg/L		102	75 - 125
Cobalt	0.00092	I	0.0500	0.0525		mg/L		103	75 - 125

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

Lab Sample ID: 400-217490-1 MS
Matrix: Water
Analysis Batch: 571928

Client Sample ID: MW-102
Prep Type: Total Recoverable
Prep Batch: 571722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.00081	U	0.0500	0.0516		mg/L		103	75 - 125
Lithium	0.0049	U	0.0500	0.0487		mg/L		97	75 - 125
Molybdenum	0.0013	U	0.0500	0.0520		mg/L		104	75 - 125
Selenium	0.00084	I	0.0500	0.0507		mg/L		100	75 - 125
Thallium	0.00046	U	0.0100	0.0101		mg/L		101	75 - 125

Lab Sample ID: 400-217490-1 MS
Matrix: Water
Analysis Batch: 572100

Client Sample ID: MW-102
Prep Type: Total Recoverable
Prep Batch: 571722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.00030	U	0.0500	0.0535		mg/L		107	75 - 125
Arsenic	0.00024	U	0.0500	0.0516		mg/L		103	75 - 125
Barium	0.013		0.0500	0.0628		mg/L		101	75 - 125
Beryllium	0.00018	U	0.0500	0.0504		mg/L		101	75 - 125
Boron	0.017	V	0.100	0.113		mg/L		96	75 - 125
Cadmium	0.00013	U	0.0500	0.0514		mg/L		103	75 - 125
Cobalt	0.00088		0.0500	0.0512		mg/L		101	75 - 125
Lead	0.00016	U	0.0500	0.0513		mg/L		103	75 - 125
Lithium	0.00098	U	0.0500	0.0501		mg/L		100	75 - 125
Molybdenum	0.00091	I	0.0500	0.0527		mg/L		104	75 - 125
Selenium	0.00025		0.0500	0.0493		mg/L		98	75 - 125
Thallium	0.000092	U	0.0100	0.0102		mg/L		102	75 - 125

Lab Sample ID: 400-217490-1 MSD
Matrix: Water
Analysis Batch: 571928

Client Sample ID: MW-102
Prep Type: Total Recoverable
Prep Batch: 571722

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	0.0545		mg/L		109	75 - 125	3	20
Arsenic	0.0012	U	0.0500	0.0507		mg/L		101	75 - 125	3	20
Barium	0.013		0.0500	0.0664		mg/L		106	75 - 125	3	20
Beryllium	0.00092	U	0.0500	0.0509		mg/L		102	75 - 125	0	20
Boron	0.023	I V	0.100	0.112		mg/L		89	75 - 125	0	20
Cadmium	0.00065	U	0.0500	0.0526		mg/L		105	75 - 125	7	20
Calcium	2.0		5.00	7.35		mg/L		106	75 - 125	2	20
Chromium	0.0063		0.0500	0.0591		mg/L		106	75 - 125	3	20
Cobalt	0.00092	I	0.0500	0.0523		mg/L		103	75 - 125	0	20
Lead	0.00081	U	0.0500	0.0521		mg/L		104	75 - 125	1	20
Lithium	0.0049	U	0.0500	0.0519		mg/L		104	75 - 125	6	20
Molybdenum	0.0013	U	0.0500	0.0528		mg/L		106	75 - 125	1	20
Selenium	0.00084	I	0.0500	0.0501		mg/L		98	75 - 125	1	20
Thallium	0.00046	U	0.0100	0.0102		mg/L		102	75 - 125	2	20

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

Lab Sample ID: 400-217490-1 MSD
Matrix: Water
Analysis Batch: 572100

Client Sample ID: MW-102
Prep Type: Total Recoverable
Prep Batch: 571722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00030	U	0.0500	0.0543		mg/L		109	75 - 125	1	20
Arsenic	0.00024	U	0.0500	0.0526		mg/L		105	75 - 125	2	20
Barium	0.013		0.0500	0.0635		mg/L		102	75 - 125	1	20
Beryllium	0.00018	U	0.0500	0.0514		mg/L		103	75 - 125	2	20
Boron	0.017	V	0.100	0.114		mg/L		97	75 - 125	0	20
Cadmium	0.00013	U	0.0500	0.0522		mg/L		104	75 - 125	2	20
Cobalt	0.00088		0.0500	0.0517		mg/L		102	75 - 125	1	20
Lead	0.00016	U	0.0500	0.0516		mg/L		103	75 - 125	1	20
Lithium	0.00098	U	0.0500	0.0500		mg/L		100	75 - 125	0	20
Molybdenum	0.00091	I	0.0500	0.0529		mg/L		104	75 - 125	0	20
Selenium	0.00025		0.0500	0.0501		mg/L		100	75 - 125	2	20
Thallium	0.000092	U	0.0100	0.0102		mg/L		102	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-572697/14-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572697

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		04/06/22 10:30	04/06/22 17:29	1

Lab Sample ID: LCS 400-572697/15-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.000872		mg/L		87	80 - 120

Lab Sample ID: 400-217921-F-1-B MS
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 572697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00165		mg/L		82	80 - 120

Lab Sample ID: 400-217921-F-1-C MSD
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 572697

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	0.00156	J3	mg/L		77	80 - 120	6	20

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

Lab Sample ID: MB 400-571426/1
Matrix: Water
Analysis Batch: 571426

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			03/25/22 15:42	1

Lab Sample ID: LCS 400-571426/2
Matrix: Water
Analysis Batch: 571426

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	334		mg/L		114	78 - 122		

Lab Sample ID: 400-217364-A-1 DU
Matrix: Water
Analysis Batch: 571426

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	90			146	J3	mg/L				47	5

Lab Sample ID: MB 400-571428/1
Matrix: Water
Analysis Batch: 571428

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			03/25/22 15:52	1

Lab Sample ID: LCS 400-571428/2
Matrix: Water
Analysis Batch: 571428

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	268		mg/L		91	78 - 122		

Lab Sample ID: 400-217490-6 DU
Matrix: Water
Analysis Batch: 571428

Client Sample ID: MW-109
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	90			92.0		mg/L				2	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-573266/6
Matrix: Water
Analysis Batch: 573266

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			04/10/22 04:36	1

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

Lab Sample ID: LCS 400-573266/7
Matrix: Water
Analysis Batch: 573266

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	30.0		mg/L		100	90 - 110

Lab Sample ID: MRL 400-573266/3
Matrix: Water
Analysis Batch: 573266

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	1.79	I	mg/L		89	50 - 150

Lab Sample ID: 400-217490-1 MS
Matrix: Water
Analysis Batch: 573266

Client Sample ID: MW-102
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.9		10.0	17.6		mg/L		107	73 - 120

Lab Sample ID: 400-217490-1 MSD
Matrix: Water
Analysis Batch: 573266

Client Sample ID: MW-102
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.9		10.0	17.7		mg/L		108	73 - 120	1	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-573137/3
Matrix: Water
Analysis Batch: 573137

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.070	U	0.10	0.070	mg/L			04/08/22 11:24	1

Lab Sample ID: LCS 400-573137/6
Matrix: Water
Analysis Batch: 573137

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	5.00	4.80		mg/L		96	90 - 110

Lab Sample ID: 400-217487-B-6 MS
Matrix: Water
Analysis Batch: 573137

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.080	I	1.00	0.880		mg/L		80	75 - 125

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 400-217487-B-6 MSD
Matrix: Water
Analysis Batch: 573137

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.080	I	1.00	0.940	J3	mg/L		86	75 - 125	7	4

Lab Sample ID: 400-217490-8 MS
Matrix: Water
Analysis Batch: 573137

Client Sample ID: FB-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.070	U	1.00	0.850		mg/L		85	75 - 125

Lab Sample ID: 400-217490-8 MSD
Matrix: Water
Analysis Batch: 573137

Client Sample ID: FB-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.070	U	1.00	0.900	J3	mg/L		90	75 - 125	6	4

Lab Sample ID: MB 400-573603/1
Matrix: Water
Analysis Batch: 573603

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1

Lab Sample ID: LCS 400-573603/4
Matrix: Water
Analysis Batch: 573603

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	5.43		mg/L		109	90 - 110

Lab Sample ID: 400-217541-B-4 MS
Matrix: Water
Analysis Batch: 573603

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	0.070	U	1.00	0.921		mg/L		92	75 - 125

Lab Sample ID: 400-217541-B-4 MSD
Matrix: Water
Analysis Batch: 573603

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	0.070	U	1.00	0.885		mg/L		89	75 - 125	4	4

Lab Sample ID: 400-217669-O-2 MS
Matrix: Water
Analysis Batch: 573603

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	0.79		1.00	1.37	J3	mg/L		59	75 - 125

Method: SM 4500 F C - Fluoride

Lab Sample ID: 400-217669-O-2 MSD
Matrix: Water
Analysis Batch: 573603

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	0.79		1.00	1.37	J3	mg/L		59	75 - 125	0	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-573460/13
Matrix: Water
Analysis Batch: 573460

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			04/12/22 05:48	1

Lab Sample ID: LCS 400-573460/14
Matrix: Water
Analysis Batch: 573460

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	14.9		mg/L		99	90 - 110

Lab Sample ID: MRL 400-573460/15
Matrix: Water
Analysis Batch: 573460

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	3.47	I	mg/L		69	50 - 150

Lab Sample ID: 400-217490-5 MS
Matrix: Water
Analysis Batch: 573460

Client Sample ID: MW-106
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	5.31	J3	mg/L		53	77 - 128

Lab Sample ID: 400-217490-5 MSD
Matrix: Water
Analysis Batch: 573460

Client Sample ID: MW-106
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	5.36	J3	mg/L		54	77 - 128	1	5

Eurofins 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

Client Contact:	Barry Evans
Company:	Gulf Power Company
Address:	BIN 731 One Energy Place
City:	Pensacola
State, Zip:	FL, 32520
Phone:	850-444-6427(Tel)
Email:	Barry.Evans@nexteraenergy.com
Project Name:	CCR GCEC Downgradient B
Site:	

Sampler:	Philip Evans
Phone:	850-336-0192
PWSID:	
Due Date Requested:	
TAT Requested (days):	
Compliance Project:	Δ Yes Δ No
PO #:	2000393131
WO #:	3000004117
Project #:	40005424
SSOW#:	

Lab PM:	Whitmire, Cheyenne R
E-Mail:	Cheyenne.Whitmire@Eurofinset.com
Carrier Tracking No(s):	
State of Origin:	
COC No:	400-109433-23628.1
Page:	Page 1 of 1
Job #:	

Analysis Requested

400-217490 COC

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		lot #'s
MW-102	3/23/22	1500	G	Water			X	X	X	X	X	X		1/2gal(HNO3) - 0000280251
MW-103	3/24/22	1350		Water										500ml (None) - 0422101G
MW-104	3/23/22	1205		Water										250ml(HNO3) - 0000280251
MW-105	3/23/22	0951		Water										
MW-106	3/23/22	0920		Water										
MW-109	3/23/22	1250		Water										
MW-110	3/23/22	1050		Water										
FB-01	3/23/22	0925		Water										
DUP-01	3/23/22	0851		Water										
EB-01	3/23/22	1220	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: 3/24/22 1505	Company: RDH	Received by: Kathy R Avery	Date/Time: 3-24-22 1505	Company: EFTS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.9°C 4.7°C 5.0°C 5.8°C IR8

Ver: 06/08/2021

4/20/2022

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217490-1
SDG Number: Downgradient B

Login Number: 217490
List Number: 1
Creator: Roberts, Alexis J

List Source: Eurofins 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	1.9°C, 4.7°C, 5.0°C, 5.8°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&ej td/ ite: CCS GCRC

Job ID: 400-217430-1
/ DG: DownEraBient k

Laboratory: Eurofins Pensacola

gll aj j reBitationdg ertifij ationd AelB by tAid laboratory are lidteBs h ot all aj j reBitationdg ertifij ationd are applij able to tAid reports

Authority	Program	Identification Number	Expiration Date
glabama	/ tate	401. 0	0N-50-22
ghgk	I/ 6 dRC 1702.	C2471	02-25-25
grLandad DRQ	/ tate	99-0N93	03-01-22
California	/ tate	2. 10	0N-50-22
FloriBa	h RQgP	R91010	0N-50-22
GeorEia	/ tate	R91010(FO)	0N-50-22
Illinoid	h RQgP	200041	10-03-22
Kandad	h RQgP	R-102. 5	10-51-22
Kentuj Ly (U/ T)	/ tate	. 5	0N-50-22
Kentuj Ly (WW)	/ tate	KY39050	12-51-22
Cbuidiana	h RQgP	5037N	0N-50-22
Cbuidiana (DW)	/ tate	Cg017	12-51-22
MarylanB	/ tate	255	03-50-22
Maddaj Audettd	/ tate	M-FC034	0N-50-22
Mij AiEan	/ tate	3312	0N-50-22
h ortA Carolina (WWd/ W)	/ tate	514	12-51-22
6 LlaAoma	h RQgP	3910	09-51-22
Penndylvania	h RQgP	N9-004N7	01-51-25
/ outA Carolina	/ tate	3N02N	0N-50-22
Tenneddee	/ tate	Th 02307	0N-50-22
Texad	h RQgP	T10470429N	03-50-22
U/ FidA & WilBlife	U/ FeBeral ProEramd	0. 9449	07-51-22
U/ Dg	U/ FeBeral ProEramd	P550-21-000. N	0. -17-24
VirEinia	h RQgP	4N01NN	0N-14-22
Wedt VirEinia DRP	/ tate	15N	0. -51-22

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-217490-2
Laboratory Sample Delivery Group: Downgradient B
Client Project/Site: CCR GCEC

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

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
4/28/2022 4:31:00 PM

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

LINKS

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

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Job ID: 400-217490-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217490-2

Receipt
The samples were received on 3/24/2022 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.9º C, 4.7º C, 5.0º C and 5.8º C.

RAD
Method 9315: Radium 226 Batch 160-557822. 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-102 (400-217490-1), MW-103 (400-217490-2), MW-104 (400-217490-3), MW-105 (400-217490-4), MW-106 (400-217490-5), MW-109 (400-217490-6), MW-110 (400-217490-7), FB-01 (400-217490-8), DUP-01 (400-217490-9), EB-01 (400-217490-10), (LCS 160-557822/1-A), (LCSD 160-557822/2-A) and (MB 160-557822/19-A)

Method 9320: Radium-228 batch 557824. 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-102 (400-217490-1), MW-103 (400-217490-2), MW-104 (400-217490-3), MW-105 (400-217490-4), MW-106 (400-217490-5), MW-109 (400-217490-6), MW-110 (400-217490-7), FB-01 (400-217490-8), DUP-01 (400-217490-9), EB-01 (400-217490-10), (LCS 160-557824/1-A), (LCSD 160-557824/2-A) and (MB 160-557824/19-A)

Method PrecSep_0: Radium-228 Prep Batch 160-557824. The following samples were prepared at a reduced aliquot due to Matrix: MW-105 (400-217490-4) and DUP-01 (400-217490-9). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead of a sample duplicate (DUP) to demonstrate batch precision.

Method PrecSep-21: Radium-226 Prep Batch 160-557822. The following samples were prepared at a reduced aliquot due to Matrix: MW-105 (400-217490-4) and DUP-01 (400-217490-9). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead of a sample duplicate (DUP) to demonstrate batch precision.

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-2
SDG: Downgradient B

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 St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-2
SDG: Downgradient B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217490-1	MW-102	Water	03/23/22 15:00	03/24/22 15:05
400-217490-2	MW-103	Water	03/24/22 13:50	03/24/22 15:05
400-217490-3	MW-104	Water	03/23/22 12:05	03/24/22 15:05
400-217490-4	MW-105	Water	03/23/22 09:51	03/24/22 15:05
400-217490-5	MW-106	Water	03/23/22 09:20	03/24/22 15:05
400-217490-6	MW-109	Water	03/23/22 12:50	03/24/22 15:05
400-217490-7	MW-110	Water	03/23/22 10:50	03/24/22 15:05
400-217490-8	FB-01	Water	03/23/22 09:25	03/24/22 15:05
400-217490-9	DUP-01	Water	03/23/22 08:51	03/24/22 15:05
400-217490-10	EB-01	Water	03/23/22 12:20	03/24/22 15:05

Client Sample ID: MW-102

Date Collected: 03/23/22 15:00
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-1

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	0.705		0.367	0.372	1.00	0.484	pCi/L	03/29/22 16:33	04/27/22 17:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.3*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.48		0.428	0.449	1.00	0.564	pCi/L	03/29/22 16:51	04/27/22 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.3*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:36*	*1*
Y Carrier	*54.8*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:36*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.18		0.564	0.583	5.00	0.564	pCi/L		04/27/22 21:58	1

Client Sample ID: MW-103

Date Collected: 03/24/22 13:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-2

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	0.978		0.352	0.363	1.00	0.385	pCi/L	03/29/22 16:33	04/27/22 17:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.54		0.460	0.563	1.00	0.405	pCi/L	03/29/22 16:51	04/27/22 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:36*	*1*
Y Carrier	*58.2*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:36*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	4.52		0.579	0.670	5.00	0.405	pCi/L		04/27/22 21:58	1

Client Sample ID: MW-104

Date Collected: 03/23/22 12:05
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-3

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	2.30		0.523	0.563	1.00	0.330	pCi/L	03/29/22 16:33	04/27/22 17:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:01*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	14.2		0.967	1.63	1.00	0.478	pCi/L	03/29/22 16:51	04/27/22 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:36*	*1*
Y Carrier	*51.1*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:36*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	16.5		1.10	1.72	5.00	0.478	pCi/L		04/27/22 21:58	1

Client Sample ID: MW-105

Date Collected: 03/23/22 09:51
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-4

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	0.737		0.362	0.368	1.00	0.432	pCi/L	03/29/22 16:33	04/27/22 17:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:01*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.05		0.392	0.403	1.00	0.537	pCi/L	03/29/22 16:51	04/27/22 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*
Y Carrier	*54.1*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.79		0.534	0.546	5.00	0.537	pCi/L		04/27/22 21:58	1

Client Sample ID: MW-106

Date Collected: 03/23/22 09:20
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-5

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	0.251	U	0.203	0.205	1.00	0.293	pCi/L	03/29/22 16:33	04/27/22 17:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.1*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:02*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.921**		0.286	0.298	1.00	0.363	pCi/L	03/29/22 16:51	04/27/22 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.1*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*
Y Carrier	*58.6*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.17**		0.351	0.362	5.00	0.363	pCi/L		04/27/22 21:58	1

Client Sample ID: MW-109

Date Collected: 03/23/22 12:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-6

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.17		0.351	0.367	1.00	0.284	pCi/L	03/29/22 16:33	04/27/22 17:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.1*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:02*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.40		0.371	0.432	1.00	0.322	pCi/L	03/29/22 16:51	04/27/22 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.1*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*
Y Carrier	*56.4*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.57		0.511	0.567	5.00	0.322	pCi/L		04/27/22 21:58	1

Client Sample ID: MW-110

Date Collected: 03/23/22 10:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-7

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	1.29		0.426	0.441	1.00	0.377	pCi/L	03/29/22 16:33	04/27/22 17:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.6*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:02*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.41		0.677	0.840	1.00	0.618	pCi/L	03/29/22 16:51	04/27/22 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.6*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*
Y Carrier	*53.4*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:34*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	6.71		0.800	0.949	5.00	0.618	pCi/L		04/27/22 21:58	1

Client Sample ID: FB-01

Date Collected: 03/23/22 09:25
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-8

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	0.377	U	0.264	0.267	1.00	0.379	pCi/L	03/29/22 16:33	04/27/22 17:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:03*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.316	U	0.246	0.248	1.00	0.386	pCi/L	03/29/22 16:51	04/27/22 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:38*	*1*
Y Carrier	*52.2*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:38*	*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	**0.693**		0.361	0.364	5.00	0.386	pCi/L		04/27/22 21:58	1

Client Sample ID: DUP-01

Date Collected: 03/23/22 08:51
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-9

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.402	U	0.335	0.336	1.00	0.504	pCi/L	03/29/22 16:33	04/27/22 17:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.5*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:03*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.49**		0.435	0.457	1.00	0.569	pCi/L	03/29/22 16:51	04/27/22 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.5*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:38*	*1*
Y Carrier	*54.8*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:38*	*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	**1.89**		0.549	0.567	5.00	0.569	pCi/L		04/27/22 21:58	1

Client Sample ID: EB-01

Date Collected: 03/23/22 12:20
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-10

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	0.0998	U	0.276	0.276	1.00	0.511	pCi/L	03/29/22 16:33	04/27/22 17:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*62.0*		*40 - 110*	*03/29/22 16:33*	*04/27/22 17:03*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.399	U	0.358	0.360	1.00	0.573	pCi/L	03/29/22 16:51	04/27/22 12:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*62.0*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:37*	*1*
Y Carrier	*51.8*		*40 - 110*	*03/29/22 16:81*	*04/27/22 12:37*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.499	U	0.452	0.454	5.00	0.573	pCi/L		04/27/22 21:58	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-2
SDG: Downgradient B

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 GCEC

Job ID: 400-217490-2
SDG: Downgradient B

Client Sample ID: MW-102
Date Collected: 03/23/22 15:00
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562246	04/27/22 17:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:36	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: MW-103
Date Collected: 03/24/22 13:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562246	04/27/22 17:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:36	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: MW-104
Date Collected: 03/23/22 12:05
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562246	04/27/22 17:01	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:36	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: MW-105
Date Collected: 03/23/22 09:51
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562246	04/27/22 17:01	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:34	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: MW-106
Date Collected: 03/23/22 09:20
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562246	04/27/22 17:02	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:34	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: MW-109
Date Collected: 03/23/22 12:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562246	04/27/22 17:02	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:34	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: MW-110
Date Collected: 03/23/22 10:50
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562246	04/27/22 17:02	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:34	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: FB-01
Date Collected: 03/23/22 09:25
Date Received: 03/24/22 15:05

Lab Sample ID: 400-217490-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 17:03	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:35	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217490-2
SDG: Downgradient B

Client Sample ID: DUP-01

Lab Sample ID: 400-217490-9

Date Collected: 03/23/22 08:51

Matrix: Water

Date Received: 03/24/22 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 17:03	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:35	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Client Sample ID: EB-01

Lab Sample ID: 400-217490-10

Date Collected: 03/23/22 12:20

Matrix: Water

Date Received: 03/24/22 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557822	03/29/22 16:33	LPS	TAL SL
Total/NA	Analysis	9315		1	562410	04/27/22 17:03	FLC	TAL SL
Total/NA	Prep	PrecSep_0			557824	03/29/22 16:51	LPS	TAL SL
Total/NA	Analysis	9320		1	562246	04/27/22 12:37	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562586	04/27/22 21:58	EMH	TAL SL

Laboratory References:

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

Rad

Prep Batch: 557822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217490-1	MW-102	Total/NA	Water	PrecSep-21	
400-217490-2	MW-103	Total/NA	Water	PrecSep-21	
400-217490-3	MW-104	Total/NA	Water	PrecSep-21	
400-217490-4	MW-105	Total/NA	Water	PrecSep-21	
400-217490-5	MW-106	Total/NA	Water	PrecSep-21	
400-217490-6	MW-109	Total/NA	Water	PrecSep-21	
400-217490-7	MW-110	Total/NA	Water	PrecSep-21	
400-217490-8	FB-01	Total/NA	Water	PrecSep-21	
400-217490-9	DUP-01	Total/NA	Water	PrecSep-21	
400-217490-10	EB-01	Total/NA	Water	PrecSep-21	
MB 160-557822/19-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-557822/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-557822/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 557824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217490-1	MW-102	Total/NA	Water	PrecSep_0	
400-217490-2	MW-103	Total/NA	Water	PrecSep_0	
400-217490-3	MW-104	Total/NA	Water	PrecSep_0	
400-217490-4	MW-105	Total/NA	Water	PrecSep_0	
400-217490-5	MW-106	Total/NA	Water	PrecSep_0	
400-217490-6	MW-109	Total/NA	Water	PrecSep_0	
400-217490-7	MW-110	Total/NA	Water	PrecSep_0	
400-217490-8	FB-01	Total/NA	Water	PrecSep_0	
400-217490-9	DUP-01	Total/NA	Water	PrecSep_0	
400-217490-10	EB-01	Total/NA	Water	PrecSep_0	
MB 160-557824/19-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-557824/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-557824/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-557822/19-A
Matrix: Water
Analysis Batch: 562245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 557822

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1111	U	0.197	0.197	1.00	0.346	pCi/L	03/29/22 16:33	04/27/22 18:13	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.8*		*40 - 110*	*03/29/22 16:33*	*04/27/22 18:13*	*1*

Lab Sample ID: LCS 160-557822/1-A
Matrix: Water
Analysis Batch: 562245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 557822

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.71		1.40	1.00	0.423	pCi/L	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.1*		*40 - 110*

Lab Sample ID: LCSD 160-557822/2-A
Matrix: Water
Analysis Batch: 562245

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 557822

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	11.82		1.55	1.00	0.392	pCi/L	104	75 - 125	0.38	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*79.5*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-557824/19-A
Matrix: Water
Analysis Batch: 562409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 557824

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2052	U	0.219	0.220	1.00	0.357	pCi/L	03/29/22 16:51	04/27/22 12:33	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.8*		*40 - 110*	*03/29/22 16:51*	*04/27/22 12:33*	*1*
Y Carrier	*84.1*		*40 - 110*	*03/29/22 16:51*	*04/27/22 12:33*	*1*

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

Lab Sample ID: LCS 160-557824/1-A
Matrix: Water
Analysis Batch: 562246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 557824

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.67	9.453		1.10	1.00	0.356	pCi/L	109	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.1*		*40 - 110*
Y Carrier	*89.0*		*40 - 110*

Lab Sample ID: LCSD 160-557824/2-A
Matrix: Water
Analysis Batch: 562246

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 557824

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.67	9.773		1.18	1.00	0.471	pCi/L	113	75 - 125	0.14	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*79.5*		*40 - 110*
Y Carrier	*86.4*		*40 - 110*

Eurofins 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: 400-109433-23628.1
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 #: 2000393131			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Downgradient B	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-217490 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:

lot #s

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-102	3/23/22	1500	G	Water			X	X	X	X	X	X		1/2gal(HNO3) - 0000280261
MW-103	3/24/22	1350		Water										500ml(None) - 04221016
MW-104	3/23/22	1205		Water										250ml(HNO3) - 0000280251
MW-105	3/23/22	0951		Water										
MW-106	3/23/22	0920		Water										
MW-109	3/23/22	1250		Water										
MW-110	3/23/22	1050		Water										
FB-01	3/23/22	0925		Water										
DUP-01	3/23/22	0851		Water										
EB-01	3/23/22	1220	G	Water			X	X	X	X	X	X		

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 3/24/22 1505	Company RDH	Received by: Kathy Q	Date/Time: 3-24-22 1505	Company EETS	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	1.9°C 4.7°C 5.0°C 5.8°C IR8		

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217490-2
SDG Number: Downgradient B

Login Number: 217490
List Number: 1
Creator: Roberts, Alexis J

List Source: Eurofins 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	1.9°C, 4.7°C, 5.0°C, 5.8°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&ej td/ ite: CCS GCRC

Job ID: 400-217430-2
/ DG: DownEraBient k

Laboratory: Eurofins StPLouis

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Autl ority	hrogram	Identification Number	Expiration Date
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gh gk	Deptsof RnerEy	62L0) s01	04-05-2)
gh gk	I/ OdRC 1702)	62L0)	04-05-2)
grizona	/ tate	gZ091L	12-09-22
California	6od gnEeled County / anitation Didtrij td	102) 3	05-L0-22
California	/ tate	2995	07-01-22
Connej tij ut	/ tate	PH-0241	0L-L1-2L
FloriBa	h R6gP	R97593	05-L0-22
HI - SaBCAem Sej oEnition	/ tate	nca	05-L0-22
Illinoid	h R6gP	20002L	11-L0-22
Iowa	/ tate	L7L	12-01-22
Kandad	h R6gP	R-102L5	10-L1-22
Kentuj . y NDWT	/ tate	KY3012)	12-L1-22
Kentuj . y NWWT	/ tate	KY3012) NPermit KY0004043T	12-L1-22
6ouidiana	h R6gP	04090	05-L0-22
6ouidiana NDWT	/ tate	6g011	12-L1-22
MarylanB	/ tate	L10	03-L0-22
MI - SaBCAem Sej oEnition	/ tate	300)	05-L0-22
Middouri	/ tate	790	05-L0-22
h evaBa	/ tate	MO000) 42020-1	07-L1-22
h ew Jerdey	h R6gP	MO002	05-L0-22
h ew Yor.	h R6gP	11515	04-01-2L
h ortA Da. ota	/ tate	S-207	05-L0-22
h SC	h SC	24-24917-01	12-L1-22
O. laAoma	h R6gP	3337	09-L1-22
OreEon	h R6gP	41) 7	03-01-22
Penndylvania	h R6gP	59-00) 40	02-29-2L
/ outA Carolina	/ tate	9) 002001	05-L0-22
Uexad	h R6gP	U10470413L	07-L1-22
(/ FidA & WilBlife	(/ FeBeral ProEramd	0) 9449	07-L1-22
(/ Dg	(/ FeBeral ProEramd	PLL0-17-00029	0L-11-2L
(taA	h R6gP	MO000) 42021-14	09-01-22
VirEinia	h R6gP	10L10	05-14-22
WadAinEton	/ tate	C) 32	09-L0-22
Wedt VirEinia DRP	/ tate	L91	10-L1-22

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4/28/2022

Geosyntec consultants

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

Memorandum

Date: 25 October 2022

To: Lane Dorman

From: Ashley Wilson

CC: J. Caprio

Subject: Stage 2A Data Validation - Level II Data Deliverables – Eurofins TestAmerica Job IDs 400-217387-1, 400-217487-1, 400-217490-1, 400-217538-1, 400-217541-1, 400-217541-3 and 400-217651-1

SITE: Gulf Clean Energy Center

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of thirty-one aqueous samples, six field duplicates, three field blanks and three equipment blanks, collected 22-29 March 2022, as part of the Gulf Clean Energy Center sampling event.

The samples were analyzed at Eurofins 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

Overall, 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, November 2020 (EPA 540-R-20-006).

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

Laboratory ID	Client ID
400-217387-1	MW-100
400-217387-2	MW-101
400-217387-3	MW-107
400-217387-4	MW-108
400-217387-5	MW-306
400-217387-6	MW-307
400-217387-7	DUP-01
400-217487-1	MW-300
400-217487-2	MW-303
400-217487-3	MW-304
400-217487-4	MW-305
400-217487-5	MW-308
400-217487-6	DUP-03
400-217487-7	FB-02
400-217487-8	EB-02
400-217490-1	MW-102
400-217490-2	MW-103
400-217490-3	MW-104
400-217490-4	MW-105
400-217490-5	MW-106
400-217490-6	MW-109
400-217490-7	MW-110

Laboratory ID	Client ID
400-217490-8	FB-01
400-217490-9	DUP-01
400-217490-10	EB-01
400-217538-1	MW-202
400-217538-2	MW-203
400-217538-3	MW-204
400-217538-4	MW-205
400-217538-5	DUP-04
400-217541-1	MW-200
400-217541-2	MW-201
400-217541-3	MW-206
400-217541-4	FB-03
400-217541-5	EB-03
400-217651-1	PZ-200S
400-217651-2	PZ-200D
400-217651-3	GSA-2S
400-217651-4	PZ-201D
400-217651-5	PZ-203D
400-217651-6	MW2032/GE-1D
400-217651-7	DUP-01
400-217651-8	DUP-02

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

Data for samples MW-201 and MW-206 in report 400-217541-1 was not validated in this report. However, the revised data issued in report 400-217541-3, was validated for samples MW-201 and MW-206.

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 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

400-217387-1: The laboratory noted the recoveries of cadmium and lithium in the contract required detection limit verification standard (CRI) in batch 571318 were high and outside of the method specified acceptance criteria. Since only QC samples were analyzed in batch 571318, no qualifications were applied to the data.

400-217541-1: The laboratory noted the recovery of boron in the CRI in batch 571781 was high and outside of the method specified acceptance criteria. Since the boron concentrations in MW-200 and EB-03 were U qualified due to method blank contamination and based on the concentrations detected in FB-03, and professional and technical judgment, no additional qualifications were applied to the data.

400-217541-1: The laboratory noted the replicate relative standard deviations (RSDs) of the metals in the initial calibration verifications (ICVs) in batches 572626 and 572969 were outside of the method specified acceptance criteria; however, the ICV recoveries were within the method specified acceptance criteria. Since the ICV recoveries were within the method specified

acceptance criteria and based on professional and technical judgement, no qualifications were applied to the data.

400-217541-1: The laboratory noted that boron was detected at a concentration greater than the reporting limit (RL) in the continuing calibration blank (CCB) in batches 572626 and 572781. Since the associated samples were qualified due to method blank contamination, no additional qualifications were applied to the data, based on professional and technical judgment.

400-217651-1: The laboratory noted the replicate RSDs of the metals in the ICV in batch 573081 were outside of the method specified acceptance criteria; however, the ICV recoveries were within the method specified acceptance criteria. Since the ICV recoveries were 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). Six method blanks were reported (batches 571206, 571729, 571722, 572424, 573010 and 585627). Metals were not detected in the method blanks at or above the method detection limits (MDLs), with the following exceptions.

400-217387-1, 400-217490-1, 400-217538-1 and 400-217541-1: Boron was detected in the method blanks in batches 571206, 571722 and 572424 at estimated concentrations greater than or equal to the MDLs and less than the RLs. Therefore, the estimated boron concentrations in the samples MW-306, MW-307, DUP-01, MW-200, EB-01, MW-106 and EB-03 were U qualified as not detected at the RL, and the boron concentrations in samples MW-100, MW-101, MW-107, MW-108, MW-102 and FB-01 were J+ qualified as estimated with a high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-100	Boron	0.013	V	0.013	J+	3
MW-101	Boron	0.012	V	0.012	J+	3
MW-107	Boron	0.013	V	0.013	J+	3
MW-108	Boron	0.017	V	0.017	J+	3
MW-306	Boron	0.0090	I V	0.010	U	3
MW-307	Boron	0.0063	I V	0.010	U	3
DUP-01 (400-217387-1)	Boron	0.0071	I V	0.010	U	3

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
MW-200	Boron	0.0043	I V J3	0.010	U	3
EB-01	Boron	0.0026	I V	0.010	U	3
MW-106	Boron	0.0074	I V	0.010	U	3
MW-102	Boron	0.017	V	0.017	J+	3
FB-01	Boron	0.017	V	0.017	J+	3
EB-03	Boron	0.0062	I V	0.010	U	3

mg/L-milligram per liter
I-laboratory flag indicating estimated concentration greater than or equal to the MDL and less than the RL
V-laboratory flag indicating analyte was detected in both the sample and method blank
J3-estimated value; value may not be accurate. Spike recovery or relative percent difference (RPD) outside of criteria.
* 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)

Two sample set specific MS/MSD pairs were reported, both using sample MW-102. The recovery and RPD results were within the laboratory specified acceptance criteria.

Six 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 Duplicate

Two sample set specific laboratory were reported using samples MW-201 and MW-206. The recovery and RPD results were within the laboratory specified acceptance criteria.

1.6 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 and one LCS/LCS duplicate (LCSD) pair were reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

1.7 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 at or above the MDLs, with the following exceptions.

Boron was detected in EB-01 and EB-02 at estimated concentrations greater than or equal to the MDL and less than the RL. Since the boron concentrations in EB-01 and EB-02 were U qualified due to field blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Boron and chromium were detected in EB-03 at estimated concentrations greater than or equal to the MDLs and less than the RLs. Since the boron 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.

1.8 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 at or above the MDLs, with the following exceptions.

Boron (0.017 mg/L) was detected in FB-01 at a concentration greater than the RL. Since the boron concentration in the associated samples were qualified due to method blank contamination and based on professional and technical judgment, no additional qualifications were applied to the data.

Boron was detected in FB-02 at an estimated concentration greater than or equal to the MDL and less than the RL. Therefore, the estimated boron concentration in sample EB-02 was U qualified as not detected at the RL.

Barium (0.023 mg/L), boron (1.8 mg/L), calcium (58 mg/L) and selenium (0.0033 mg/L) were detected in FB-03 at concentrations greater than the RLs and cobalt was detected at an estimated concentration greater than or equal to the MDL and less than the RL. Therefore, the barium, boron and calcium concentrations in samples MW-202, MW-203, MW-204, MW-205 and DUP-04 were J+ qualified as estimated with a high bias.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
EB-02	Boron	0.0016	I V	0.010	U	3
MW-202	Barium	0.022	NA	0.022	J+	3
MW-203	Barium	0.016	NA	0.016	J+	3
MW-204	Barium	0.026	NA	0.026	J+	3
MW-205	Barium	0.081	NA	0.081	J+	3
DUP-04	Barium	0.015	NA	0.015	J+	3
MW-202	Boron	0.046	NA	0.046	J+	3
MW-203	Boron	0.56	NA	0.56	J+	3
MW-204	Boron	4.9	NA	4.9	J+	3
MW-205	Boron	2.0	NA	2.0	J+	3
DUP-04	Boron	0.61	NA	0.61	J+	3
MW-202	Calcium	4.5	NA	4.5	J+	3
MW-203	Calcium	35	NA	35	J+	3
MW-204	Calcium	64	NA	64	J+	3
MW-205	Calcium	33	NA	33	J+	3

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
DUP-04	Calcium	36	NA	36	J+	3

mg/L-milligram per liter
I-laboratory flag indicating estimated concentration greater than or equal to the MDL and less than the RL
V-laboratory flag indicating analyte was detected in both the sample and method blank
NA-not applicable

1.9 Field Duplicate

Six field duplicates were collected with the sample set, DUP-01 (400-217387), DUP-01 (400-217490), DUP-01 (400-217651), DUP-02, DUP-03 and DUP-04. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-307, MW-105, PZ-201D, MW-2032/GE-1D, MW-305 and MW-203, respectively, with the following exceptions.

Lithium was detected in DUP-01 (400-217387) at a concentration greater than the RL and not detected in sample MW-307, resulting in noncalculable RPD. Therefore, the lithium concentration in DUP-01 (400-217387) was J qualified as estimated, and the non-detect lithium result in MW-307 was UJ qualified as estimated less than the MDL.

The boron RPD for field duplicate pair DUP-01 (400-217490) /MW-105 was greater than 30%. Therefore, the boron concentrations in this field duplicate pair were J qualified as estimated.

Selenium was detected in sample MW-203 at a concentration greater than the RL and detected in sample DUP-04 at an estimated concentration greater than or equal to the MDL and less than the RL, resulting in a noncalculable RPD. Therefore, the selenium concentrations in samples MW-203 and DUP-04 were J qualified as estimated.

Chromium was detected in sample DUP-04 at a concentration greater than the RL and detected in sample MW-203 at an estimated concentration greater than or equal to the MDL and less than the RL, resulting in a noncalculable RPD. Therefore, the chromium concentrations in samples MW-203 and DUP-04 were J qualified as estimated.

Arsenic was not detected in DUP-01 (400-217651) and detected in PZ-201D at an estimated concentration greater than or equal to the MDL and less than the RL, resulting in a noncalculable RPD. Therefore, the non-detect cadmium result in DUP-01 (400-217651) was UJ qualified as estimated less than the MDL, and the cadmium concentration in PZ-201D was J qualified as estimated.

The chromium and lead RPDs for field duplicate pair DUP-02/ MW2032/GE-1D were greater than 30%. Therefore, the chromium and lead concentrations in this field duplicate pair were J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/l)	Laboratory Flag	RPD	Validation Result (mg/l)	Validation Qualifier	Reason Code
MW-307	Lithium	0.00098	U	NC	0.00098	UJ	7
DUP-01 (400-217387)	Lithium	0.0010	NA		0.0010	J	7
MW-105	Boron	0.23	NA	42	0.23	J	7
DUP-01 (400-217490)	Boron	0.15	NA		0.15	J	7
MW-203	Chromium	0.0021	I	NC	0.0021	J	7
DUP-04	Chromium	0.0027	NA		0.0027	J	7
MW-203	Selenium	0.0018	NA	NC	0.0018	J	7
DUP-04	Selenium	0.0012	I		0.0012	J	7
PZ-201D	Arsenic	0.00041	NA	NC	0.00041	J	7
DUP-01 (400-217651)	Arsenic	0.00024	U		0.00024	UJ	7
PZ-201D	Chromium	0.0030	NA	33	0.0030	J	7
DUP-01 (400-217651)	Chromium	0.0042	NA		0.0042	J	7
MW2032/GE-1D	Lead	0.0065	NA	185	0.0065	J	7
DUP-02	Lead	0.00025	NA		0.00025	J	7

mg/L-milligrams per liter
I-laboratory flag indicating estimated concentration greater than or equal to the MDL and less than the RL
U-not detected at or above the MDL
NA-not applicable
NC-not calculable

1.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

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.

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). Six method blanks were reported (batches 571377, 572703, 572697, 572827, 572960 and 572837). Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported using sample DUP-02. The recovery and RPD results were within the laboratory specified acceptance criteria.

Five 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). Six 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 at or 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 at or above the MDL.

2.8 Field Duplicate

Six field duplicates were collected with the sample set, DUP-01 (400-217387), DUP-01 (400-217490), DUP-01 (400-217651), DUP-02, DUP-03 and DUP-04. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-307, MW-105, PZ-201D, MW-2032/GE-1D, MW-305 and MW-203, 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 TDS (batches 571426, 571428, 571860, 571994 and 571997), chloride (batches 572414, 573266, 573294, 573782 and 573861), sulfate (batches 573459, 573460 and 573877) and fluoride (batches 572170, 573137, 573603 and 573948) The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for chloride using samples MW-101, MW-102, MW-202, PZ-200S and PZ-203D, sulfate using samples MW-101,

MW-107, MW-300, MW-106, MW-202 and PZ-201D and fluoride using samples DUP-03, FB-01, FB-03 and PZ-200D. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

400-217387-1: The recoveries of sulfate in the MS/MSD pairs using samples MW-101 and MW-107 were low and outside of the laboratory specified acceptance criteria. Therefore, the non-detect results of sulfate in samples MW-101 and MW-107 were UJ qualified as estimated less than the MDL.

400-217487-1: The recoveries of sulfate in the MS/MSD pair using sample MW-300 were low and outside of the laboratory specified acceptance criteria. Therefore, the non-detect result of sulfate in sample MW-300 was UJ qualified as estimated less than the MDL.

400-217490-1: The RPD of fluoride in the MS/MSD pair using sample FB-01 was high and outside of the laboratory specified acceptance criteria. Since fluoride was not detected in sample FB-01, no qualifications were applied to the data.

400-217490-1: The recoveries of sulfate in the MS/MSD pair using sample MW-106 were low and outside of the laboratory specified acceptance criteria. Therefore, the non-detect result of sulfate in sample MW-106 was UJ qualified as estimated less than the MDL.

400-217538-1 Rev 1: The recoveries of sulfate in the MS/MSD pair using sample MW-202 were low and outside of the laboratory specified acceptance criteria. Therefore, the sulfate concentration in sample MW-202 was J- qualified as estimated with a low bias.

400-217651-1: The MS recovery of chloride in the MS/MSD pair using sample PZ-200S was low and outside of the laboratory specified acceptance criteria. Therefore, the sulfate concentration in sample PZ-200S was J- qualified as estimated with a low bias.

400-217651-1: The RPD and MS recovery of chloride in the MS/MSD pair using sample PZ-203D were high and outside of the laboratory specified acceptance criteria. Therefore, the sulfate concentration in sample PZ-203D was J qualified as estimated.

400-217651-1: The recoveries of sulfate in the MS/MSD pair using sample PZ-201D were low and outside of the laboratory specified acceptance criteria. Therefore, the estimated sulfate concentration in sample PZ-201D was J qualified as estimated.

Batch MS/MSD pairs were also reported for chloride, 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 ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
MW-101	Sulfate	1.4	U	1.4	UJ	4
MW-107	Sulfate	1.4	U	1.4	UJ	4
MW-300	Sulfate	1.4	U	1.4	UJ	4
MW-106	Sulfate	1.4	U	1.4	UJ	4
MW-202	Sulfate	17	NA	17	J-	4
PZ-200S	Chloride	340	NA	340	J-	4
PZ-203D	Chloride	3.1	NA	3.1	J	4
PZ-201D	Sulfate	4.6	I	4.6	J	4

mg/L-milligram per liter
I- laboratory flag indicating an estimated concentration greater than or equal to the MDL and less than the RL
U-not detected at or above the MRL
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

Two sample set specific laboratory duplicates were reported for TDS using samples MW-109, DUP-04 and MW2032/GE-1D.

The RPDs of TDS in the laboratory duplicates using samples DUP-04 and MW2032/GE-1D were high and outside of the laboratory specified acceptance criteria. Therefore, the TDS concentrations in samples DUP-04 and MW2032/GE-1D were J qualified as estimated.

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.

Sample	Analyte	Laboratory Result (mg/l)	Laboratory Flag	Validation Result (mg/l)	Validation Qualifier	Reason Code
MW2032/GE-1D	TDS	120	NA	120	J	12
DUP-04	TDS	170	NA	170	J	12

mg/L-milligrams per liter
NA-not applicable

3.7 Equipment Blank

Four 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 at or above the MDLs.

3.8 Field Blank

Four 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 at or above the MDLs, with the following exception.

400-217487-1: TDS (8.0 mg/L) was detected in FB-02 at a concentration greater than the RL. Therefore, the TDS concentrations in sample MW-300 and MW-305 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-300	TDS	16	NA	16	J+	3
MW-305	TDS	62	NA	62	J+	3

mg/L-milligrams per liter
NA-not applicable

3.9 Field Duplicate

Six field duplicates were collected with the sample set, DUP-01 (400-217387), DUP-01 (400-217490), DUP-01 (400-217651), DUP-02, DUP-03 and DUP-04. Acceptable precision (RPD≤ 30%) was demonstrated between the field duplicates and the original samples, MW-307, MW-105, PZ-201D, MW-2032/GE-1D, MW-305 and MW-203, respectively, with the following exceptions.

The RPD of TDS in field duplicate pairs MW-307/DUP-01 (400-217387), MW-305/DUP-03, PZ-201-D/DUP-01 (400-217651) and MW2032/GE-1D/DUP-02 were greater than 30%; therefore, the TDS concentrations in field duplicate pairs MW-/DUP-01 (400-217387), MW-305/DUP-03, PZ-201-D/DUP-01 (400-217651) and MW2032/GE-1D/DUP-02 were J qualified as estimated.

Fluoride was detected in DUP-03 at an estimated concentration greater than or equal to the MDL and less than the RL and not detected in sample MW-305, resulting in a noncalculable RPD. Therefore, the fluoride concentration in DUP-03 was J qualified as estimated and the non-detect result of fluoride in MW-305 was UJ qualified as estimated less than the MDL.

Sample	Analyte	Laboratory Result (mg/l)	Laboratory Flag	RPD	Validation Result (mg/l)	Validation Qualifier	Reason Code
MW-305	Fluoride	0.070	U	NC	0.070	UJ	7
DUP-03	Fluoride	0.080	I		0.080	J	7
MW-307	TDS	22	NA	71	22	J	7
DUP-01 (400-217387)	TDS	46	NA		46	J	7
MW-305	TDS	62	NA	45	62	J	7
DUP-03	TDS	98	NA		98	J	7
PZ-201D	TDS	42	NA	35	42	J	7
DUP-01 (400-217651)	TDS	60	NA		60	J	7
MW2032/GE-1D	TDS	120	NA	53	120	J	7
DUP-02	TDS	70	NA		70	J	7

mg/L-milligrams per liter
U- laboratory flag indicating not detected at or above the MDL
I-the reported value is between the laboratory MDL and the laboratory practical quantitation limit
NA-not applicable
NC-not calculable

3.10 Sensitivity

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

3.11 Electronic Data Deliverables Review

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

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

DATA QUALIFIER DEFINITIONS

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

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

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

Valid Value	Description
1	Preservation requirement not met
2	Extraction or analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits or RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed: no validation qualification required

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample duplicate
RPD - Relative percent difference

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Memorandum

Date:	21 September 2022
To:	Lane Dorman
From:	Matthew Richardson
CC:	J. Caprio
Subject:	**Stage 2A Data Validation - Level II Data Deliverables – Eurofins Job IDs 400-217387-2, 400-217487-2, 400-217490-2, 400-217538-2, 400-217541-2 and 400-217651-2**

SITE: Gulf Clean Energy Center

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of thirty-one aqueous samples, six field duplicates, three field blanks and three equipment blanks, collected 22-25 March 2022 and 28-29 March 2022, as part of the Gulf Clean Energy Center sampling event.

The samples were analyzed at Eurofins 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 reports:

Laboratory ID	Client ID
400-217387-1	MW-100
400-217387-2	MW-101
400-217387-3	MW-107
400-217387-4	MW-108
400-217387-5	MW-306
400-217387-6	MW-307
400-217387-7	DUP-01
400-217487-1	MW-300
400-217487-2	MW-303
400-217487-3	MW-304
400-217487-4	MW-305
400-217487-5	MW-308
400-217487-6	DUP-03
400-217487-7	FB-02
400-217487-8	EB-02
400-217490-1	MW-102
400-217490-2	MW-103
400-217490-3	MW-104
400-217490-4	MW-105
400-217490-5	MW-106
400-217490-6	MW-109
400-217490-7	MW-110

Laboratory ID	Client ID
400-217490-8	FB-01
400-217490-9	DUP-01
400-217490-10	EB-01
400-217538-1	MW-202
400-217538-2	MW-203
400-217538-3	MW-204
400-217538-4	MW-205
400-217538-5	DUP-04
400-217541-1	MW-200
400-217541-2	MW-201
400-217541-3	MW-206
400-217541-4	FB-03
400-217541-5	EB-03
400-217651-1	PZ-200S
400-217651-2	PZ-200D
400-217651-3	GSA-2S
400-217651-4	PZ-201D
400-217651-5	PZ-203D
400-217651-6	MW2032/GE-1D
400-217651-7	DUP-01
400-217651-8	DUP-02

No preservation issues were noted by the laboratory.

400-217538-2 - Incorrect error corrections were observed on the chain of custody (COC), instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.

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

1.1.1 Completeness

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%.

1.1.2 Analysis Anomaly

400-217490-2 and 400-217651-2: Radium-226 and radium-228 were detected at concentrations less than the minimum detectable concentrations (MDCs)in samples FB-01 and PZ-201D; however, the combined radium 226 + 228 concentrations were indicated as being greater than the MDCs. Since both radium-226 and radium-228 were less than the MDCs, radium 226 + 228 was calculated form the radium-226 and radium-228 concentrations and based on professional and technical judgment, the combined radium 226 + 228 concentration in samples FB-01 and PZ-201D were U qualified as not detected at or above the MDCs.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
FB-01	Combined Radium 226 + 228	0.693	NA	0.693	U	13
MW-100	Combined Radium 226 + 228	0.673	NA	0.673	U	13

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

1.2 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 557819, 557822, 557866 and 558514) and four method blanks were reported for radium-228 (batches 557820, 557824, 558008 and 558519). The radiochemistry parameters were not detected in the method blanks above the 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) pairs were reported for radium-226 and four LCS/LCSD pair were reported for radium-228. The recovery and replicate error ratio (RER) results were within the laboratory specified acceptance criteria, with the following exceptions.

400-217387-2 and 400-217487-2: The recoveries of radium-228 in the LCS/LCSD pair in batch 557820 were high and outside of the laboratory specified acceptance criteria. Therefore, the concentrations of radium-228 and combined radium 226 and 228 in the associated samples were J qualified as estimated.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
MW-100	Radium-228	1.28	NA	1.28	J	5
MW-100	Combined Radium 226 + 228	1.75	NA	1.75	J	5
MW-101	Radium-228	0.795	NA	0.795	J	5
MW-101	Combined Radium 226 + 228	1.10	NA	1.10	J	5
MW-107	Radium-228	1.20	NA	1.20	J	5
MW-107	Combined Radium 226 + 228	1.78	NA	1.78	J	5
MW-108	Radium-228	2.57	NA	2.57	J	5
MW-108	Combined Radium 226 + 228	3.12	NA	3.12	J	5
MW-306	Radium-228	1.06	NA	1.06	J	5
MW-306	Combined Radium 226 + 228	1.33	NA	1.33	J	5
MW-307	Radium-228	0.686	NA	0.686	J	5
MW-307	Combined Radium 226 + 228	1.32	NA	1.32	J	5
DUP-01	Radium-228	0.549	NA	0.549	J	5
DUP-01	Combined Radium 226 + 228	1.17	NA	1.17	J	5

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
MW-300	Radium-228	4.48	NA	4.48	J	5
MW-300	Combined Radium 226 + 228	5.39	NA	5.39	J	5
MW-303	Radium-228	4.69	NA	4.69	J	5
MW-303	Combined Radium 226 + 228	5.28	NA	5.28	J	5
MW-304	Radium-228	4.23	NA	4.23	J	5
MW-304	Combined Radium 226 + 228	6.01	NA	6.01	J	5
MW-305	Radium-228	2.06	NA	2.06	J	5
MW-305	Combined Radium 226 + 228	3.00	NA	3.00	J	5
MW-308	Radium-228	2.21	NA	2.21	J	5
MW-308	Combined Radium 226 + 228	3.16	NA	3.16	J	5
DUP-03	Radium-228	1.46	NA	1.46	J	5
DUP-03	Combined Radium 226 + 228	2.76	NA	2.76	J	5

pCi/L-picocuries per liter
NA-not applicable

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.

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, with the following exception.

400-217490-2 – Combined Radium-226 and 228 was reported in FB-01 at a concentration greater than the MDC. Since the Radium 226 and Radium 228 were not detected at concentrations greater than the MDCs and based on professional and technical judgment, no qualifications were applied to the data.

1.9 Field Duplicate

Six field duplicates were collected with the sample set, DUP-01 (400-217387-2), DUP-01 (400-217490-2), DUP-01 (400-217651-2), DUP-02, DUP-03 and DUP-04. Acceptable precision (RER≤

3) was demonstrated between the field duplicates and the original samples, MW-307, MW-105, PZ-201D, MW-2032/GE-1D, MW-305 and MW-203, respectively.

1.10 Sensitivity

The samples were reported to the MDCs. Elevated non-detect results were not 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 at or 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

Low-Flow Test Report:

Test Date / Time: 9/7/2022 8:44:34 AM
Project: Crist CCR MW-100 9-7-22
Operator Name: Trevor Braddock

Location Name: Crist MW-100 9-7-22 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 109 ft** **Total Depth: 119 ft** **Initial Depth to Water: 88.45 ft**	**Pump Type: Pp** **Tubing Type: Pe** **Pump Intake From TOC: 114 ft** **Estimated Total Volume Pumped: 34000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Cloudy 75

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 20	+/- 0.3	
9/7/2022 8:44 AM	00:00	4.74 pH	16.72 °C	38.95 µS/cm	8.90 mg/L	27.50 NTU	93.5 mV	88.45 ft	400.00 ml/min
9/7/2022 8:49 AM	05:00	4.70 pH	14.19 °C	40.11 µS/cm	9.57 mg/L	22.20 NTU	100.4 mV	88.58 ft	400.00 ml/min
9/7/2022 8:54 AM	10:00	4.69 pH	14.22 °C	39.68 µS/cm	9.42 mg/L	26.20 NTU	111.0 mV	88.58 ft	400.00 ml/min
9/7/2022 8:59 AM	15:00	4.68 pH	14.62 °C	39.24 µS/cm	9.24 mg/L	21.80 NTU	119.3 mV	88.58 ft	400.00 ml/min
9/7/2022 9:04 AM	20:00	4.71 pH	14.50 °C	38.99 µS/cm	9.28 mg/L	16.80 NTU	128.2 mV	88.58 ft	400.00 ml/min
9/7/2022 9:09 AM	25:00	4.72 pH	14.39 °C	39.00 µS/cm	9.34 mg/L	13.00 NTU	138.4 mV	88.58 ft	400.00 ml/min
9/7/2022 9:14 AM	30:00	4.71 pH	13.98 °C	39.09 µS/cm	9.42 mg/L	11.20 NTU	161.0 mV	88.58 ft	400.00 ml/min
9/7/2022 9:19 AM	35:00	4.69 pH	14.17 °C	39.25 µS/cm	9.37 mg/L	8.65 NTU	173.7 mV	88.58 ft	400.00 ml/min
9/7/2022 9:24 AM	40:00	4.68 pH	14.04 °C	38.91 µS/cm	9.34 mg/L	5.73 NTU	185.4 mV	88.58 ft	400.00 ml/min
9/7/2022 9:29 AM	45:00	4.71 pH	14.10 °C	38.79 µS/cm	9.38 mg/L	4.89 NTU	189.2 mV	88.58 ft	400.00 ml/min
9/7/2022 9:34 AM	50:00	4.73 pH	14.53 °C	38.46 µS/cm	9.29 mg/L	4.02 NTU	169.0 mV	88.58 ft	400.00 ml/min
9/7/2022 9:39 AM	55:00	4.72 pH	14.26 °C	38.44 µS/cm	9.32 mg/L	3.02 NTU	198.1 mV	88.58 ft	400.00 ml/min
9/7/2022 9:44 AM	01:00:00	4.70 pH	14.39 °C	38.34 µS/cm	9.25 mg/L	2.87 NTU	204.8 mV	88.58 ft	400.00 ml/min

9/7/2022 9:49 AM	01:05:00	4.71 pH	14.76 °C	37.96 µS/cm	9.12 mg/L	2.42 NTU	177.9 mV	88.58 ft	400.00 ml/min
9/7/2022 9:54 AM	01:10:00	4.74 pH	14.44 °C	38.15 µS/cm	9.25 mg/L	2.12 NTU	208.9 mV	88.58 ft	400.00 ml/min
9/7/2022 9:59 AM	01:15:00	4.74 pH	14.97 °C	37.63 µS/cm	9.09 mg/L	1.95 NTU	179.8 mV	88.58 ft	400.00 ml/min
9/7/2022 10:04 AM	01:20:00	4.74 pH	15.01 °C	37.61 µS/cm	9.09 mg/L	1.71 NTU	180.1 mV	88.58 ft	400.00 ml/min
9/7/2022 10:09 AM	01:25:00	4.72 pH	15.07 °C	37.48 µS/cm	9.05 mg/L	1.51 NTU	182.1 mV	88.58 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-100	Sample time 1011
Dup-1	Fake Sample time 0911

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/7/2022 11:21:54 AM
Project: Crist CCR MW-101 9-7-22
Operator Name: Trevor Braddock

Location Name: Crist ccr MW-101 9-7-22 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 108 ft** **Total Depth: 118 ft** **Initial Depth to Water: 93.49 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 113 ft** **Estimated Total Volume Pumped: 10000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Cloudy 80

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	+/- 20	+/- 0.3	
9/7/2022 11:21 AM	00:00	4.99 pH	19.26 °C	19.81 µS/cm	8.92 mg/L	2.64 NTU	179.8 mV	93.49 ft	400.00 ml/min
9/7/2022 11:26 AM	05:00	4.87 pH	15.69 °C	20.95 µS/cm	9.74 mg/L	1.82 NTU	207.5 mV	93.58 ft	400.00 ml/min
9/7/2022 11:31 AM	10:00	4.87 pH	15.93 °C	20.96 µS/cm	9.60 mg/L	1.25 NTU	176.3 mV	93.58 ft	400.00 ml/min
9/7/2022 11:36 AM	15:00	4.86 pH	15.66 °C	21.16 µS/cm	9.65 mg/L	1.23 NTU	175.8 mV	93.58 ft	400.00 ml/min
9/7/2022 11:41 AM	20:00	4.87 pH	15.53 °C	21.19 µS/cm	9.59 mg/L	0.91 NTU	175.1 mV	93.58 ft	400.00 ml/min
9/7/2022 11:46 AM	25:00	4.89 pH	15.54 °C	21.16 µS/cm	9.59 mg/L	0.89 NTU	175.0 mV	93.58 ft	400.00 ml/min

Samples

Sample ID:	Description:
Mw-101	Sample time 1150

Low-Flow Test Report:

Test Date / Time: 9/7/2022 1:02:04 PM
Project: Crist CCR MW-107 9-7-22
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-107 9-7-22 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 114 ft** **Total Depth: 124 ft** **Initial Depth to Water: 99.42 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 119 ft** **Estimated Total Volume Pumped: 28000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Cloudy 86

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	+/- 20	+/- 0.3	
9/7/2022 1:02 PM	00:00	5.03 pH	22.03 °C	20.95 µS/cm	8.75 mg/L	21.20 NTU	195.4 mV	99.42 ft	400.00 ml/min
9/7/2022 1:07 PM	05:00	4.91 pH	16.87 °C	22.34 µS/cm	9.66 mg/L	65.70 NTU	223.8 mV	99.56 ft	400.00 ml/min
9/7/2022 1:12 PM	10:00	4.91 pH	16.80 °C	22.19 µS/cm	9.51 mg/L	35.00 NTU	183.3 mV	99.56 ft	400.00 ml/min
9/7/2022 1:17 PM	15:00	4.92 pH	16.27 °C	22.39 µS/cm	9.59 mg/L	22.70 NTU	179.7 mV	99.56 ft	400.00 ml/min
9/7/2022 1:22 PM	20:00	4.92 pH	16.25 °C	22.37 µS/cm	9.53 mg/L	13.60 NTU	178.0 mV	99.56 ft	400.00 ml/min
9/7/2022 1:27 PM	25:00	4.90 pH	15.96 °C	22.46 µS/cm	9.61 mg/L	7.55 NTU	177.1 mV	99.56 ft	400.00 ml/min
9/7/2022 1:32 PM	30:00	4.90 pH	15.71 °C	22.56 µS/cm	9.62 mg/L	4.63 NTU	213.1 mV	99.56 ft	400.00 ml/min
9/7/2022 1:37 PM	35:00	4.88 pH	15.75 °C	22.56 µS/cm	9.63 mg/L	3.62 NTU	217.3 mV	99.56 ft	400.00 ml/min
9/7/2022 1:42 PM	40:00	4.91 pH	15.75 °C	22.55 µS/cm	9.66 mg/L	3.12 NTU	217.5 mV	99.56 ft	400.00 ml/min
9/7/2022 1:47 PM	45:00	4.91 pH	15.82 °C	22.50 µS/cm	9.70 mg/L	2.32 NTU	218.0 mV	99.56 ft	400.00 ml/min
9/7/2022 1:52 PM	50:00	4.90 pH	15.76 °C	22.38 µS/cm	9.63 mg/L	2.16 NTU	179.5 mV	99.56 ft	400.00 ml/min
9/7/2022 1:57 PM	55:00	4.90 pH	15.68 °C	22.44 µS/cm	9.70 mg/L	2.02 NTU	216.4 mV	99.56 ft	400.00 ml/min
9/7/2022 2:02 PM	01:00:00	4.92 pH	16.12 °C	22.26 µS/cm	9.62 mg/L	1.49 NTU	179.8 mV	99.56 ft	400.00 ml/min

9/7/2022 2:07 PM	01:05:00	4.92 pH	16.04 °C	22.20 µS/cm	9.62 mg/L	1.32 NTU	178.1 mV	99.56 ft	400.00 ml/min
9/7/2022 2:12 PM	01:10:00	4.92 pH	15.97 °C	22.19 µS/cm	9.70 mg/L	1.27 NTU	177.4 mV	99.56 ft	400.00 ml/min

Samples

Sample ID:	Description:
Mw-107	Sample time 1412

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/8/2022 7:40:37 AM
Project: Crist CCR MW-108 9-8-22
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-108 **9-8-~~33~~ 22 AL** **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 88 ft** **Total Depth: 98 ft** **Initial Depth to Water: 67.32 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 93 ft** **Estimated Total Volume Pumped: 14000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

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	+/- 20	+/- 0.3	
9/8/2022 7:40 AM	00:00	5.13 pH	17.11 °C	34.56 µS/cm	8.22 mg/L	1.76 NTU	140.5 mV	67.32 ft	400.00 ml/min
9/8/2022 7:45 AM	05:00	4.72 pH	15.19 °C	33.84 µS/cm	8.86 mg/L	1.01 NTU	120.8 mV	67.41 ft	400.00 ml/min
9/8/2022 7:50 AM	10:00	4.75 pH	15.15 °C	36.56 µS/cm	9.13 mg/L	1.04 NTU	113.1 mV	67.41 ft	400.00 ml/min
9/8/2022 7:55 AM	15:00	4.76 pH	15.12 °C	37.96 µS/cm	9.19 mg/L	1.18 NTU	119.2 mV	67.41 ft	400.00 ml/min
9/8/2022 8:00 AM	20:00	4.75 pH	14.98 °C	39.11 µS/cm	9.24 mg/L	1.05 NTU	126.4 mV	67.41 ft	400.00 ml/min
9/8/2022 8:05 AM	25:00	4.75 pH	14.92 °C	39.58 µS/cm	9.27 mg/L	1.16 NTU	129.9 mV	67.41 ft	400.00 ml/min
9/8/2022 8:10 AM	30:00	4.81 pH	14.90 °C	39.77 µS/cm	9.27 mg/L	1.39 NTU	131.5 mV	67.41 ft	400.00 ml/min
9/8/2022 8:15 AM	35:00	4.78 pH	14.81 °C	39.74 µS/cm	9.29 mg/L	0.88 NTU	136.2 mV	67.41 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-108	Sample time 0817

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/8/2022 9:25:01 AM
Project: Crist CCR MW-306 9-8-22
Operator Name: Trevor Braddock

Location Name: Crist ccr MW-306 9-8-22 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 83 ft** **Total Depth: 93 ft** **Initial Depth to Water: 54.26 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 88 ft** **Estimated Total Volume Pumped: 18000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.19 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Sunny 71

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	+/- 20	+/- 0.3	
9/8/2022 9:25 AM	00:00	5.13 pH	17.63 °C	28.91 µS/cm	8.72 mg/L	19.30 NTU	174.2 mV	54.26 ft	400.00 ml/min
9/8/2022 9:30 AM	05:00	4.91 pH	14.88 °C	29.94 µS/cm	9.39 mg/L	9.90 NTU	189.5 mV	54.45 ft	400.00 ml/min
9/8/2022 9:35 AM	10:00	4.93 pH	14.99 °C	29.37 µS/cm	9.29 mg/L	5.68 NTU	156.5 mV	54.45 ft	400.00 ml/min
9/8/2022 9:40 AM	15:00	4.87 pH	14.45 °C	29.32 µS/cm	9.44 mg/L	4.69 NTU	182.5 mV	54.45 ft	400.00 ml/min
9/8/2022 9:45 AM	20:00	4.88 pH	14.80 °C	29.02 µS/cm	9.34 mg/L	3.23 NTU	156.1 mV	54.45 ft	400.00 ml/min
9/8/2022 9:50 AM	25:00	4.90 pH	14.52 °C	29.13 µS/cm	9.42 mg/L	2.33 NTU	154.9 mV	54.45 ft	400.00 ml/min
9/8/2022 9:55 AM	30:00	4.92 pH	14.34 °C	29.24 µS/cm	9.46 mg/L	1.82 NTU	173.9 mV	54.45 ft	400.00 ml/min
9/8/2022 10:00 AM	35:00	4.88 pH	14.68 °C	29.00 µS/cm	9.36 mg/L	2.12 NTU	155.3 mV	54.45 ft	400.00 ml/min
9/8/2022 10:05 AM	40:00	4.89 pH	14.71 °C	28.94 µS/cm	9.34 mg/L	1.41 NTU	151.0 mV	54.45 ft	400.00 ml/min
9/8/2022 10:10 AM	45:00	4.87 pH	14.78 °C	28.96 µS/cm	9.33 mg/L	1.23 NTU	152.5 mV	54.45 ft	400.00 ml/min

Samples

Sample ID:	Description:

MW-306	Sample time 1013

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/8/2022 12:16:04 PM
Project: Crist CCR MW-307 9-8-22.
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-307 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 113 ft** **Total Depth: 123 ft** **Initial Depth to Water: 88.63 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 118 ft** **Estimated Total Volume Pumped: 12000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.92 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Sunny 80

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	+/- 20	+/- 0.3	
9/8/2022 12:16 PM	00:00	5.17 pH	18.12 °C	28.86 µS/cm	7.17 mg/L	1.05 NTU	181.7 mV	88.63 ft	400.00 ml/min
9/8/2022 12:21 PM	05:00	5.18 pH	16.92 °C	29.82 µS/cm	7.51 mg/L	0.92 NTU	194.0 mV	89.55 ft	400.00 ml/min
9/8/2022 12:26 PM	10:00	5.11 pH	16.83 °C	29.56 µS/cm	7.52 mg/L	0.83 NTU	177.1 mV	89.55 ft	400.00 ml/min
9/8/2022 12:31 PM	15:00	5.11 pH	16.50 °C	29.71 µS/cm	7.58 mg/L	0.84 NTU	174.5 mV	89.55 ft	400.00 ml/min
9/8/2022 12:36 PM	20:00	5.13 pH	16.20 °C	29.75 µS/cm	7.62 mg/L	0.65 NTU	171.7 mV	89.55 ft	400.00 ml/min
9/8/2022 12:41 PM	25:00	5.12 pH	16.09 °C	29.64 µS/cm	7.78 mg/L	0.72 NTU	170.1 mV	89.55 ft	400.00 ml/min
9/8/2022 12:46 PM	30:00	5.13 pH	16.10 °C	29.91 µS/cm	7.78 mg/L	0.76 NTU	169.2 mV	89.55 ft	400.00 ml/min

Samples

Sample ID:	Description:
Mw-307	Sample time. 1247
EB-1	Sample time 1202
FB-1	Sample time 1258

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/9/2022 12:20:12 PM
Project: GCEC CCR MW-102
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-102 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 110 ft** **Total Depth: 120 ft** **Initial Depth to Water: 98.64 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 115 ft** **Estimated Total Volume Pumped: 84000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 852546**

Test Notes:

Weather Conditions:
Cloudy 76

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
9/9/2022 12:20 PM	00:00	5.33 pH	24.83 °C	122.24 µS/cm	10.16 mg/L		120.3 mV	98.64 ft	400.00 ml/min
9/9/2022 12:25 PM	05:00	5.19 pH	23.03 °C	123.25 µS/cm	10.40 mg/L	65.00 NTU	138.9 mV	98.69 ft	400.00 ml/min
9/9/2022 12:30 PM	10:00	5.16 pH	22.70 °C	125.19 µS/cm	10.36 mg/L	49.60 NTU	139.1 mV	98.69 ft	400.00 ml/min
9/9/2022 12:35 PM	15:00	5.11 pH	22.74 °C	126.14 µS/cm	10.31 mg/L	20.50 NTU	118.6 mV	98.69 ft	400.00 ml/min
9/9/2022 12:40 PM	20:00	5.08 pH	22.71 °C	126.91 µS/cm	10.22 mg/L	15.70 NTU	138.7 mV	98.69 ft	400.00 ml/min
9/9/2022 12:45 PM	25:00	5.07 pH	22.98 °C	126.32 µS/cm	10.26 mg/L	12.80 NTU	139.3 mV	98.69 ft	400.00 ml/min
9/9/2022 12:50 PM	30:00	5.08 pH	23.30 °C	123.92 µS/cm	10.17 mg/L	14.00 NTU	119.2 mV	98.69 ft	400.00 ml/min
9/9/2022 12:55 PM	35:00	5.06 pH	22.94 °C	125.45 µS/cm	10.11 mg/L	14.40 NTU	139.6 mV	98.69 ft	400.00 ml/min
9/9/2022 1:00 PM	40:00	5.05 pH	22.87 °C	124.81 µS/cm	10.06 mg/L	11.70 NTU	119.0 mV	98.69 ft	400.00 ml/min
9/9/2022 1:05 PM	45:00	5.02 pH	22.89 °C	123.04 µS/cm	10.05 mg/L	7.73 NTU	140.4 mV	98.69 ft	400.00 ml/min
9/9/2022 1:10 PM	50:00	5.03 pH	22.89 °C	124.13 µS/cm	9.98 mg/L	7.51 NTU	119.4 mV	98.69 ft	400.00 ml/min
9/9/2022 1:15 PM	55:00	5.01 pH	22.86 °C	123.02 µS/cm	9.90 mg/L	7.30 NTU	139.9 mV	98.69 ft	400.00 ml/min
9/9/2022 1:20 PM	01:00:00	5.00 pH	22.84 °C	121.93 µS/cm	9.93 mg/L	6.89 NTU	119.3 mV	98.69 ft	400.00 ml/min

9/9/2022 1:25 PM	01:05:00	5.00 pH	22.85 °C	122.61 µS/cm	9.93 mg/L	8.59 NTU	139.8 mV	98.69 ft	400.00 ml/min
9/9/2022 1:30 PM	01:10:00	4.99 pH	22.89 °C	121.77 µS/cm	9.86 mg/L	5.44 NTU	119.4 mV	98.69 ft	400.00 ml/min
9/9/2022 1:35 PM	01:15:00	4.99 pH	22.85 °C	120.91 µS/cm	9.80 mg/L	5.62 NTU	139.7 mV	98.69 ft	400.00 ml/min
9/9/2022 1:40 PM	01:20:00	4.99 pH	22.89 °C	121.22 µS/cm	9.84 mg/L	6.51 NTU	119.0 mV	98.69 ft	400.00 ml/min
9/9/2022 1:45 PM	01:25:00	4.98 pH	22.81 °C	123.73 µS/cm	9.80 mg/L	6.24 NTU	139.9 mV	98.69 ft	400.00 ml/min
9/9/2022 1:50 PM	01:30:00	4.98 pH	22.82 °C	123.01 µS/cm	9.81 mg/L	5.96 NTU	140.5 mV	98.69 ft	400.00 ml/min
9/9/2022 1:55 PM	01:35:00	4.98 pH	23.07 °C	123.46 µS/cm	9.77 mg/L	9.81 NTU	119.2 mV	98.69 ft	400.00 ml/min
9/9/2022 2:00 PM	01:40:00	4.98 pH	23.04 °C	130.40 µS/cm	9.79 mg/L	7.45 NTU	138.5 mV	98.69 ft	400.00 ml/min
9/9/2022 2:05 PM	01:45:00	4.96 pH	22.98 °C	130.38 µS/cm	9.71 mg/L	7.21 NTU	119.0 mV	98.69 ft	400.00 ml/min
9/9/2022 2:10 PM	01:50:00	4.96 pH	23.25 °C	130.19 µS/cm	9.70 mg/L	7.04 NTU	139.0 mV	98.69 ft	400.00 ml/min
9/9/2022 2:15 PM	01:55:00	4.97 pH	23.36 °C	128.64 µS/cm	9.60 mg/L	6.78 NTU	118.4 mV	98.69 ft	400.00 ml/min
9/9/2022 2:20 PM	02:00:00	4.97 pH	23.52 °C	127.34 µS/cm	9.79 mg/L	7.21 NTU	118.5 mV	98.69 ft	400.00 ml/min
9/9/2022 2:25 PM	02:05:00	4.97 pH	24.93 °C	130.48 µS/cm	10.04 mg/L	7.13 NTU	119.6 mV	98.69 ft	400.00 ml/min
9/9/2022 2:30 PM	02:10:00	4.97 pH	25.78 °C	133.00 µS/cm	9.85 mg/L	7.32 NTU	139.1 mV	98.69 ft	400.00 ml/min
9/9/2022 2:35 PM	02:15:00	4.97 pH	24.87 °C	130.84 µS/cm	9.04 mg/L	7.09 NTU	141.0 mV	98.69 ft	400.00 ml/min
9/9/2022 2:40 PM	02:20:00	4.99 pH	23.52 °C	129.69 µS/cm	9.67 mg/L	7.43 NTU	119.3 mV	98.69 ft	400.00 ml/min
9/9/2022 2:45 PM	02:25:00	4.99 pH	23.43 °C	130.14 µS/cm	9.64 mg/L	7.59 NTU	139.4 mV	98.69 ft	400.00 ml/min
9/9/2022 2:50 PM	02:30:00	4.96 pH	23.35 °C	129.90 µS/cm	9.67 mg/L	8.01 NTU	119.4 mV	98.69 ft	400.00 ml/min
9/9/2022 2:55 PM	02:35:00	4.96 pH	23.23 °C	129.63 µS/cm	9.62 mg/L	8.32 NTU	118.6 mV	98.69 ft	400.00 ml/min
9/9/2022 3:00 PM	02:40:00	4.96 pH	23.34 °C	129.80 µS/cm	9.72 mg/L	6.58 NTU	138.7 mV	98.69 ft	400.00 ml/min
9/9/2022 3:05 PM	02:45:00	4.96 pH	23.21 °C	129.02 µS/cm	9.57 mg/L	7.02 NTU	118.4 mV	98.69 ft	400.00 ml/min
9/9/2022 3:10 PM	02:50:00	4.94 pH	23.21 °C	129.62 µS/cm	9.64 mg/L	6.48 NTU	139.0 mV	98.69 ft	400.00 ml/min
9/9/2022 3:15 PM	02:55:00	4.95 pH	23.47 °C	129.25 µS/cm	9.72 mg/L	6.02 NTU	119.1 mV	98.69 ft	400.00 ml/min
9/9/2022 3:20 PM	03:00:00	4.97 pH	23.60 °C	127.89 µS/cm	9.68 mg/L	5.56 NTU	138.6 mV	98.69 ft	400.00 ml/min
9/9/2022 3:25 PM	03:05:00	4.97 pH	23.52 °C	126.40 µS/cm	9.67 mg/L	5.50 NTU	139.1 mV	98.69 ft	400.00 ml/min
9/9/2022 3:30 PM	03:10:00	4.96 pH	23.59 °C	126.52 µS/cm	9.62 mg/L	4.91 NTU	118.9 mV	98.69 ft	400.00 ml/min
9/9/2022 3:35 PM	03:15:00	4.96 pH	23.61 °C	126.29 µS/cm	9.63 mg/L	5.02 NTU	139.2 mV	98.69 ft	400.00 ml/min
9/9/2022 3:40 PM	03:20:00	4.96 pH	23.48 °C	125.65 µS/cm	9.58 mg/L	5.35 NTU	118.8 mV	98.69 ft	400.00 ml/min
9/9/2022 3:45 PM	03:25:00	4.95 pH	23.35 °C	125.90 µS/cm	9.58 mg/L	3.29 NTU	139.0 mV	98.69 ft	400.00 ml/min

9/9/2022 3:50 PM	03:30:00	4.96 pH	23.36 °C	126.78 µS/cm	9.60 mg/L	3.81 NTU	119.0 mV	98.69 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-102	Sample time 1553

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/9/2022 10:56:27 AM
Project: GCEC CCR MW-103
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-103 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 110 ft** **Total Depth: 120 ft** **Initial Depth to Water: 109.57 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 115 ft** **Estimated Total Volume Pumped: 11200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 320 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 852546**

Test Notes:

Weather Conditions:
Cloudy 74

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
9/9/2022 10:56 AM	00:00	5.37 pH	24.74 °C	81.66 µS/cm	7.79 mg/L		147.6 mV	109.57 ft	320.00 ml/min
9/9/2022 11:01 AM	05:00	5.19 pH	22.98 °C	82.84 µS/cm	7.46 mg/L	4.20 NTU	141.6 mV	109.62 ft	320.00 ml/min
9/9/2022 11:06 AM	10:00	5.22 pH	22.76 °C	87.70 µS/cm	7.52 mg/L	3.56 NTU	165.0 mV	109.62 ft	320.00 ml/min
9/9/2022 11:11 AM	15:00	5.23 pH	22.71 °C	91.48 µS/cm	7.55 mg/L	2.45 NTU	164.4 mV	109.62 ft	320.00 ml/min
9/9/2022 11:16 AM	20:00	5.22 pH	22.69 °C	93.96 µS/cm	7.57 mg/L	1.53 NTU	137.5 mV	109.62 ft	320.00 ml/min
9/9/2022 11:21 AM	25:00	5.21 pH	22.62 °C	96.32 µS/cm	7.58 mg/L	1.67 NTU	159.3 mV	109.62 ft	320.00 ml/min
9/9/2022 11:26 AM	30:00	5.20 pH	22.66 °C	95.97 µS/cm	7.58 mg/L	1.48 NTU	158.2 mV	109.62 ft	320.00 ml/min
9/9/2022 11:31 AM	35:00	5.19 pH	22.62 °C	95.45 µS/cm	7.60 mg/L	1.11 NTU	157.4 mV	109.62 ft	320.00 ml/min

Samples

Sample ID:	Description:
MW-103	Sample time 1134.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/9/2022 10:17:53 AM
Project: Crist CCR MW-104 9-9-22
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-104 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 73 ft** **Total Depth: 83 ft** **Initial Depth to Water: 57.14 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 78 ft** **Estimated Total Volume Pumped: 26000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Rain 73

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	+/- 20	+/- 0.3	
9/9/2022 10:17 AM	00:00	5.16 pH	18.71 °C	1,188.0 µS/cm	8.41 mg/L	26.10 NTU	254.5 mV	57.14 ft	400.00 ml/min
9/9/2022 10:22 AM	05:00	4.08 pH	17.08 °C	2,386.4 µS/cm	4.66 mg/L	32.90 NTU	526.3 mV	57.23 ft	400.00 ml/min
9/9/2022 10:27 AM	10:00	4.08 pH	17.26 °C	2,307.7 µS/cm	4.50 mg/L	22.80 NTU	531.6 mV	57.23 ft	400.00 ml/min
9/9/2022 10:32 AM	15:00	4.09 pH	17.11 °C	2,268.8 µS/cm	4.49 mg/L	16.10 NTU	543.6 mV	57.23 ft	400.00 ml/min
9/9/2022 10:37 AM	20:00	4.10 pH	16.98 °C	2,256.3 µS/cm	4.53 mg/L	10.30 NTU	540.4 mV	57.23 ft	400.00 ml/min
9/9/2022 10:42 AM	25:00	4.09 pH	16.77 °C	2,252.0 µS/cm	4.54 mg/L	6.53 NTU	535.8 mV	57.23 ft	400.00 ml/min
9/9/2022 10:47 AM	30:00	4.09 pH	16.85 °C	2,250.9 µS/cm	4.51 mg/L	5.36 NTU	531.7 mV	57.23 ft	400.00 ml/min
9/9/2022 10:52 AM	35:00	4.09 pH	16.84 °C	2,251.2 µS/cm	4.49 mg/L	3.08 NTU	530.2 mV	57.23 ft	400.00 ml/min
9/9/2022 10:57 AM	40:00	4.09 pH	16.77 °C	2,245.3 µS/cm	4.49 mg/L	2.93 NTU	541.0 mV	57.23 ft	400.00 ml/min
9/9/2022 11:02 AM	45:00	4.09 pH	16.60 °C	2,246.3 µS/cm	4.50 mg/L	2.62 NTU	535.6 mV	57.23 ft	400.00 ml/min
9/9/2022 11:07 AM	50:00	4.09 pH	16.66 °C	2,243.8 µS/cm	4.48 mg/L	2.25 NTU	535.3 mV	57.23 ft	400.00 ml/min
9/9/2022 11:12 AM	55:00	4.08 pH	16.59 °C	2,253.1 µS/cm	4.50 mg/L	1.92 NTU	530.5 mV	57.23 ft	400.00 ml/min
9/9/2022 11:17 AM	01:00:00	4.08 pH	16.53 °C	2,249.0 µS/cm	4.50 mg/L	1.32 NTU	530.9 mV	57.23 ft	400.00 ml/min

9/9/2022 11:22 AM	01:05:00	4.08 pH	16.57 °C	2,252.6 µS/cm	4.48 mg/L	1.24 NTU	539.2 mV	57.23 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-104	Sample time 1124

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/9/2022 12:14:10 PM
Project: Crist CCR MW-105 9-9-22
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-105 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 33 ft** **Total Depth: 43 ft** **Initial Depth to Water: 19.62 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 38 ft** **Estimated Total Volume Pumped: 20000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Cloudy 73

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	+/- 20	+/- 0.3	
9/9/2022 12:14 PM	00:00	6.29 pH	17.85 °C	348.30 µS/cm	0.38 mg/L	29.30 NTU	56.7 mV	19.62 ft	400.00 ml/min
9/9/2022 12:19 PM	05:00	6.46 pH	17.70 °C	320.03 µS/cm	0.20 mg/L	20.50 NTU	29.7 mV	19.71 ft	400.00 ml/min
9/9/2022 12:24 PM	10:00	6.44 pH	17.71 °C	352.43 µS/cm	0.18 mg/L	19.78 NTU	21.5 mV	19.71 ft	400.00 ml/min
9/9/2022 12:29 PM	15:00	6.43 pH	17.46 °C	365.36 µS/cm	0.20 mg/L	22.71 NTU	10.6 mV	19.71 ft	400.00 ml/min
9/9/2022 12:34 PM	20:00	6.45 pH	17.25 °C	362.58 µS/cm	0.16 mg/L	13.80 NTU	9.3 mV	19.71 ft	400.00 ml/min
9/9/2022 12:39 PM	25:00	6.46 pH	17.17 °C	361.37 µS/cm	0.15 mg/L	7.60 NTU	8.7 mV	19.71 ft	400.00 ml/min
9/9/2022 12:44 PM	30:00	6.45 pH	17.14 °C	363.36 µS/cm	0.15 mg/L	5.73 NTU	8.3 mV	19.71 ft	400.00 ml/min
9/9/2022 12:49 PM	35:00	6.46 pH	17.08 °C	363.51 µS/cm	0.14 mg/L	4.15 NTU	7.1 mV	19.71 ft	400.00 ml/min
9/9/2022 12:54 PM	40:00	6.47 pH	17.03 °C	363.85 µS/cm	0.14 mg/L	2.75 NTU	6.2 mV	19.71 ft	400.00 ml/min
9/9/2022 12:59 PM	45:00	6.47 pH	17.02 °C	362.47 µS/cm	0.14 mg/L	2.69 NTU	4.7 mV	19.71 ft	400.00 ml/min
9/9/2022 1:04 PM	50:00	6.47 pH	17.01 °C	361.13 µS/cm	0.14 mg/L	2.71 NTU	3.4 mV	19.71 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-105	Sample time 1305
Dup-03	Fake sample time 1205

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/8/2022 2:37:15 PM
Project: Crist CCR MW-106 9-8-22
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-106 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 83 ft** **Total Depth: 93 ft** **Initial Depth to Water: 64.61 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: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
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	+/- 20	+/- 0.3	
9/8/2022 2:37 PM	00:00	5.34 pH	25.20 °C	24.65 µS/cm	7.69 mg/L	2.22 NTU	191.2 mV	64.61 ft	400.00 ml/min
9/8/2022 2:42 PM	05:00	5.14 pH	18.08 °C	26.37 µS/cm	8.95 mg/L	1.37 NTU	207.9 mV	64.76 ft	400.00 ml/min
9/8/2022 2:47 PM	10:00	5.07 pH	17.80 °C	26.31 µS/cm	8.93 mg/L	1.12 NTU	177.1 mV	64.76 ft	400.00 ml/min
9/8/2022 2:52 PM	15:00	5.02 pH	16.93 °C	26.27 µS/cm	8.96 mg/L	0.84 NTU	172.2 mV	64.76 ft	400.00 ml/min
9/8/2022 2:57 PM	20:00	5.04 pH	16.74 °C	26.46 µS/cm	9.05 mg/L	0.87 NTU	165.6 mV	64.76 ft	400.00 ml/min
9/8/2022 3:02 PM	25:00	5.04 pH	16.53 °C	26.36 µS/cm	9.11 mg/L	0.61 NTU	163.6 mV	64.76 ft	400.00 ml/min
9/8/2022 3:07 PM	30:00	5.04 pH	16.22 °C	26.63 µS/cm	9.17 mg/L	0.77 NTU	160.7 mV	64.76 ft	400.00 ml/min
9/8/2022 3:12 PM	35:00	4.95 pH	16.15 °C	26.47 µS/cm	9.10 mg/L	0.60 NTU	162.1 mV	64.76 ft	400.00 ml/min
9/8/2022 3:17 PM	40:00	4.96 pH	16.00 °C	26.50 µS/cm	9.11 mg/L	0.63 NTU	161.6 mV	64.76 ft	400.00 ml/min
9/8/2022 3:22 PM	45:00	5.00 pH	15.93 °C	26.53 µS/cm	9.17 mg/L	0.57 NTU	157.2 mV	64.76 ft	400.00 ml/min
9/8/2022 3:27 PM	50:00	5.02 pH	15.57 °C	26.61 µS/cm	9.28 mg/L	0.61 NTU	180.2 mV	64.76 ft	400.00 ml/min
9/8/2022 3:32 PM	55:00	5.03 pH	15.50 °C	26.52 µS/cm	9.26 mg/L	0.86 NTU	155.1 mV	64.76 ft	400.00 ml/min
9/8/2022 3:37 PM	01:00:00	4.96 pH	15.71 °C	26.44 µS/cm	9.21 mg/L	0.89 NTU	158.7 mV	64.76 ft	400.00 ml/min

9/8/2022 3:42 PM	01:05:00	4.96 pH	15.68 °C	26.42 µS/cm	9.15 mg/L	0.58 NTU	156.7 mV	64.76 ft	400.00 ml/min
9/8/2022 3:47 PM	01:10:00	5.00 pH	15.62 °C	26.45 µS/cm	9.19 mg/L	0.67 NTU	154.8 mV	64.76 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-106	Sample time 1549

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/8/2022 3:32:33 PM
Project: GCEC CCR MW-109
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-109 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 123 ft** **Total Depth: 133 ft** **Initial Depth to Water: 108.87 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 128 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: 852546**

Test Notes:

Weather Conditions:
Cloudy 85

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
9/8/2022 3:32 PM	00:00	4.72 pH	24.33 °C	172.25 µS/cm	8.57 mg/L		134.3 mV	108.87 ft	400.00 ml/min
9/8/2022 3:37 PM	05:00	4.77 pH	23.38 °C	177.27 µS/cm	8.59 mg/L	1.62 NTU	160.2 mV	108.94 ft	400.00 ml/min
9/8/2022 3:42 PM	10:00	4.79 pH	23.03 °C	177.92 µS/cm	8.69 mg/L	0.32 NTU	141.7 mV	108.94 ft	400.00 ml/min
9/8/2022 3:47 PM	15:00	4.81 pH	22.90 °C	176.71 µS/cm	8.69 mg/L	0.44 NTU	147.6 mV	108.94 ft	400.00 ml/min
9/8/2022 3:52 PM	20:00	4.82 pH	22.86 °C	174.44 µS/cm	8.72 mg/L	0.35 NTU	150.8 mV	108.94 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-109	Sample time 1556. Dup-02 fake sample time 1456.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/9/2022 7:44:53 AM
Project: GCEC CCR MW-110
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-110 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 109 ft** **Total Depth: 119 ft** **Initial Depth to Water: 79.36 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 114 ft** **Estimated Total Volume Pumped: 50000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.16 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 852546**

Test Notes:

Weather Conditions:
Rain 73

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
9/9/2022 7:44 AM	00:00	5.15 pH	22.62 °C	945.59 µS/cm	4.30 mg/L		118.2 mV	79.36 ft	400.00 ml/min
9/9/2022 7:49 AM	05:00	4.48 pH	22.10 °C	977.16 µS/cm	2.17 mg/L	16.60 NTU	111.4 mV	79.52 ft	400.00 ml/min
9/9/2022 7:54 AM	10:00	4.49 pH	22.09 °C	976.97 µS/cm	2.01 mg/L	10.20 NTU	110.6 mV	79.52 ft	400.00 ml/min
9/9/2022 7:59 AM	15:00	4.52 pH	22.05 °C	973.63 µS/cm	2.06 mg/L	5.88 NTU	110.5 mV	79.52 ft	400.00 ml/min
9/9/2022 8:04 AM	20:00	4.54 pH	22.13 °C	966.00 µS/cm	2.20 mg/L	4.01 NTU	111.9 mV	79.52 ft	400.00 ml/min
9/9/2022 8:09 AM	25:00	4.55 pH	22.11 °C	958.34 µS/cm	2.28 mg/L	3.22 NTU	113.1 mV	79.52 ft	400.00 ml/min
9/9/2022 8:14 AM	30:00	4.57 pH	22.12 °C	952.60 µS/cm	2.35 mg/L	2.35 NTU	114.5 mV	79.52 ft	400.00 ml/min
9/9/2022 8:19 AM	35:00	4.59 pH	22.09 °C	946.61 µS/cm	2.46 mg/L	1.99 NTU	116.6 mV	79.52 ft	400.00 ml/min
9/9/2022 8:24 AM	40:00	4.60 pH	22.11 °C	942.90 µS/cm	2.56 mg/L	1.65 NTU	121.7 mV	79.52 ft	400.00 ml/min
9/9/2022 8:29 AM	45:00	4.60 pH	22.08 °C	941.74 µS/cm	2.55 mg/L	1.46 NTU	125.7 mV	79.52 ft	400.00 ml/min
9/9/2022 8:34 AM	50:00	4.61 pH	22.08 °C	939.44 µS/cm	2.61 mg/L	1.42 NTU	129.4 mV	79.52 ft	400.00 ml/min
9/9/2022 8:39 AM	55:00	4.62 pH	22.08 °C	936.39 µS/cm	2.65 mg/L	1.19 NTU	135.0 mV	79.52 ft	400.00 ml/min
9/9/2022 8:44 AM	01:00:00	4.62 pH	22.08 °C	934.88 µS/cm	2.71 mg/L	1.12 NTU	144.0 mV	79.52 ft	400.00 ml/min

9/9/2022 8:49 AM	01:05:00	4.63 pH	22.09 °C	933.88 µS/cm	2.71 mg/L	1.02 NTU	155.3 mV	79.52 ft	400.00 ml/min
9/9/2022 8:54 AM	01:10:00	4.63 pH	22.09 °C	933.45 µS/cm	2.73 mg/L	0.85 NTU	164.4 mV	79.52 ft	400.00 ml/min
9/9/2022 8:59 AM	01:15:00	4.64 pH	22.09 °C	928.90 µS/cm	2.81 mg/L	0.84 NTU	170.2 mV	79.52 ft	400.00 ml/min
9/9/2022 9:04 AM	01:20:00	4.65 pH	22.12 °C	928.03 µS/cm	2.83 mg/L	0.95 NTU	180.8 mV	79.52 ft	400.00 ml/min
9/9/2022 9:09 AM	01:25:00	4.65 pH	22.13 °C	928.99 µS/cm	2.84 mg/L	0.88 NTU	200.6 mV	79.52 ft	400.00 ml/min
9/9/2022 9:14 AM	01:30:00	4.65 pH	22.18 °C	926.77 µS/cm	2.87 mg/L	1.00 NTU	212.3 mV	79.52 ft	400.00 ml/min
9/9/2022 9:19 AM	01:35:00	4.65 pH	22.18 °C	928.87 µS/cm	2.85 mg/L	0.69 NTU	221.7 mV	79.52 ft	400.00 ml/min
9/9/2022 9:24 AM	01:40:00	4.66 pH	22.22 °C	926.33 µS/cm	2.90 mg/L	0.72 NTU	231.9 mV	79.52 ft	400.00 ml/min
9/9/2022 9:29 AM	01:45:00	4.67 pH	22.26 °C	926.33 µS/cm	2.94 mg/L	0.86 NTU	246.6 mV	79.52 ft	400.00 ml/min
9/9/2022 9:34 AM	01:50:00	4.66 pH	22.26 °C	928.03 µS/cm	2.89 mg/L	0.66 NTU	266.9 mV	79.52 ft	400.00 ml/min
9/9/2022 9:39 AM	01:55:00	4.67 pH	22.35 °C	928.78 µS/cm	2.90 mg/L	0.53 NTU	268.7 mV	79.52 ft	400.00 ml/min
9/9/2022 9:44 AM	02:00:00	4.68 pH	22.31 °C	926.04 µS/cm	2.95 mg/L	0.48 NTU	277.0 mV	79.52 ft	400.00 ml/min
9/9/2022 9:49 AM	02:05:00	4.68 pH	22.35 °C	926.73 µS/cm	2.93 mg/L	0.48 NTU	275.4 mV	79.52 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-110	Sample time 0956.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-225667-1
Laboratory Sample Delivery Group: Background A
Client Project/Site: CCR Gulf Clean Energy Center

For:
Florida Power and Light
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne R Whitmire

Authorized for release by:
10/18/2022 4:37:18 PM

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

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

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

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

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Job ID: 400-225667-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225667-1

Comments
Due to supply chain issues, Fluoride had to be run by method 300 instead of 4500. This may cause a deviation from the historic results.

Receipt
The samples were received on 9/8/2022 4:38 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.1º C and 0.3º C.

Metals
Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-592467 and analytical batch 400-593289 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 400-592467 and analytical batch 400-593289 was outside control limits. Sample matrix interference is suspected.

Method 6020: The ICV for batch 400-593462 passed recovery/accuracy criteria which serves the ICV purpose of verifying the calibration standards. The replicate RPDs 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.

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-593355 and analytical batch 400-594213 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020: The continuing calibration verification (CCV) associated with batch 400-593804 recovered below the lower control limit for Boron. The laboratory control spike associated with this CCV was within the acceptable limit for the affected analytes; therefore, the data have been reported.

Method 6020: The method blank for preparation batch 400-592467 and analytical batch 400-593804 contained Boron above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

General Chemistry
Method SM 2540C: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: (400-225433-B-14) and (400-225433-B-14 DU). Reanalysis could not be performed due to holding time exceedance, or due to the matrix, 5ml was used for the method. The sample aliquot was over the method accepted range. Using a smaller amount will prevent the ability to obtain a representative aliquot for the method. As such, 5ml is being reported or annotated. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Glouif P wor euPnf mipat
wuoAectjy ite: CC/ SglRClePn Eneup. Centeu

Job ID: 400-221773-8
y DS: BPckpuognf d

Client Sample ID: MW-100 — Lab Sample ID: 400-225667-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
BPuig5	0L089		0L0021	0L00030	5 pjm	1		7020	TotPl / ecoveuPble
Bouon	0L068	I	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
CPlcig5	8L0	V	0L21	0L86	5 pjm	1		7020	TotPl / ecoveuPble
TotPl Dihholvef yolif h	67		1L0	1L0	5 pjm	8		ys 2140C	TotPljMd
Calouif e	4L4		2L0	8L4	5 pjm	8		ys 4100 Cl- E	TotPljMd
yglRRte	8L3	I	1L0	8L4	5 pjm	8		ys 4100 yN4 E	TotPljMd
Glelf FH	4L32				yU	8		Glelf yP5 Flinp	TotPljMd

Client Sample ID: MW-101 — Lab Sample ID: 400-225667-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
BPuig5	0L00C9		0L0021	0L00030	5 pjm	1		7020	TotPl / ecoveuPble
Bouon	0L029	I	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
CPlcig5	0L70	V	0L21	0L86	5 pjm	1		7020	TotPl / ecoveuPble
TotPl Dihholvef yolif h	84		1L0	1L0	5 pjm	8		ys 2140C	TotPljMd
Calouif e	6L4		2L0	8L4	5 pjm	8		ys 4100 Cl- E	TotPljMd
yglRRte	8L1	I	1L0	8L4	5 pjm	8		ys 4100 yN4 E	TotPljMd
Glelf FH	4LC9				yU	8		Glelf yP5 Flinp	TotPljMd

Client Sample ID: MW-107 — Lab Sample ID: 400-225667-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
BPuig5	0L082		0L0021	0L00030	5 pjm	1		7020	TotPl / ecoveuPble
Bouon	0L068	I	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
CPlcig5	0L78		0L21	0L86	5 pjm	1		7020	TotPl / ecoveuPble
TotPl Dihholvef yolif h	22		1L0	1L0	5 pjm	8		ys 2140C	TotPljMd
Calouif e	6L7		2L0	8L4	5 pjm	8		ys 4100 Cl- E	TotPljMd
yglRRte	8L4	I	1L0	8L4	5 pjm	8		ys 4100 yN4 E	TotPljMd
Glelf FH	4L92				yU	8		Glelf yP5 Flinp	TotPljMd

Client Sample ID: MW-108 — Lab Sample ID: 400-225667-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
BPuig5	0L082		0L0021	0L00030	5 pjm	1		7020	TotPl / ecoveuPble
Bouon	0L011	V	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
CPlcig5	2L8		0L21	0L86	5 pjm	1		7020	TotPl / ecoveuPble
TotPl Dihholvef yolif h	44		1L0	1L0	5 pjm	8		ys 2140C	TotPljMd
Calouif e	6L4		2L0	8L4	5 pjm	8		ys 4100 Cl- E	TotPljMd
yglRRte	1L1		1L0	8L4	5 pjm	8		ys 4100 yN4 E	TotPljMd
Glelf FH	4L3O				yU	8		Glelf yP5 Flinp	TotPljMd

Taih Detection yg5 5 Pu f oeh not inclgf e uPf iocae5 icPl teht uehglthL

EguoRnh wenhPcolP

Detection Summary

Client: Glouif P wor euPnf mipat
wuoAectjy ite: CC/ SglRClePn Eneup. Centeu

Job ID: 400-221773-8
y DS: BPckpuognf d

Client Sample ID: MW-306 — Lab Sample ID: 400-225667-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
BPuig5	0L082		0L0021	0L00030	5 pjm	1		7020	TotPl / ecoveuPble
Bouon	0L023	I	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
CPlcig5	0L79		0L21	0L86	5 pjm	1		7020	TotPl / ecoveuPble
TotPl Dihholvef yolif h	24		1L0	1L0	5 pjm	8		ys 2140C	TotPljMd
Calouif e	4L6		2L0	8L4	5 pjm	8		ys 4100 Cl- E	TotPljMd
Glelf FH	4LC8				yU	8		Glelf yP5 Flinp	TotPljMd

Client Sample ID: MW-307 — Lab Sample ID: 400-225667-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
BPuig5	0L083		0L0021	0L00030	5 pjm	1		7020	TotPl / ecoveuPble
Bouon	0L021	I	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
CPlcig5	0LC2		0L21	0L86	5 pjm	1		7020	TotPl / ecoveuPble
CobPlt	0L00074	I	0L0021	0L00017	5 pjm	1		7020	TotPl / ecoveuPble
yelenig5	0L0064		0L0086	0L000C2	5 pjm	1		7020	TotPl / ecoveuPble
TotPl Dihholvef yolif h	4O		1L0	1L0	5 pjm	8		ys 2140C	TotPljMd
Calouif e	1L6		2L0	8L4	5 pjm	8		ys 4100 Cl- E	TotPljMd
Glelf FH	1L86				yU	8		Glelf yP5 Flinp	TotPljMd

Client Sample ID: DUP-01 — Lab Sample ID: 400-225667-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
BPuig5	0L083		0L0021	0L00030	5 pjm	1		7020	TotPl / ecoveuPble
Bouon	0L047	I	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
CPlcig5	0LC9		0L21	0L86	5 pjm	1		7020	TotPl / ecoveuPble
CobPlt	0L00019	I	0L0021	0L00017	5 pjm	1		7020	TotPl / ecoveuPble
yelenig5	0L0026		0L0086	0L000C2	5 pjm	1		7020	TotPl / ecoveuPble
TotPl Dihholvef yolif h	6O		1L0	1L0	5 pjm	8		ys 2140C	TotPljMd
Calouif e	4L6		2L0	8L4	5 pjm	8		ys 4100 Cl- E	TotPljMd
yglRPte	8L1	I	1L0	8L4	5 pjm	8		ys 4100 yN4 E	TotPljMd
Glelf FH	4L32				yU	8		Glelf yP5 Flinp	TotPljMd

Client Sample ID: EB-01 — Lab Sample ID: 400-225667-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bouon	0L049	I V J6	0L010	0L0082	5 pjm	1		7020	TotPl / ecoveuPble
yelenig5	0L082		0L0086	0L000C2	5 pjm	1		7020	TotPl / ecoveuPble

Taih Detection yg5 5 Pu f oeh not inclgf e uPf iocae5 icPl teht uehglthL

EguoRnh wenhPcolP

Detection Summary

Client: Glouif P wor euPnf mipat
wuoAectjy ite: CC/ SglRClePn Eneup. Centeu

Job ID: 400-221773-8
y DS: BPckpuognf d

Client Sample ID: FB-01

Lab Sample ID: 400-225667-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
y elenig5	0L0063		0L0086	0L000O2	5 pjm	1		7020	TotPl / ecoveuPble

Taih Detection y g5 5 Pu f oeh not inclgf e uPf iocae5 icPl teht uehglthL

EguoRnh wenhPcolP

Method Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

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

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Sample Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225667-1	MW-100	Water	09/07/22 10:11	09/08/22 16:38
400-225667-2	MW-101	Water	09/07/22 11:50	09/08/22 16:38
400-225667-3	MW-107	Water	09/07/22 14:12	09/08/22 16:38
400-225667-4	MW-108	Water	09/08/22 08:17	09/08/22 16:38
400-225667-5	MW-306	Water	09/08/22 10:13	09/08/22 16:38
400-225667-6	MW-307	Water	09/08/22 12:47	09/08/22 16:38
400-225667-7	DUP-01	Water	09/07/22 09:11	09/08/22 16:38
400-225667-8	EB-01	Water	09/08/22 12:02	09/08/22 16:38
400-225667-9	FB-01	Water	09/08/22 12:58	09/08/22 16:38

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: MW-100

Date Collected: 09/07/22 10:11
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-1

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 14:54	1

Method: SW846 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		09/14/22 11:40	09/20/22 16:41	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 16:41	5
Barium	0.019		0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 16:41	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 16:41	5
Boron	0.031	I	0.050	0.0012	mg/L		09/14/22 11:40	09/22/22 19:18	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 16:41	5
Calcium	1.0	V	0.25	0.13	mg/L		09/14/22 11:40	09/20/22 16:41	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 16:41	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 16:41	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 16:41	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:14	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 16:41	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 14:24	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 16:41	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 13:48	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	36		5.0	5.0	mg/L			09/12/22 14:47	1
Chloride (SM 4500 Cl- E)	4.4		2.0	1.4	mg/L			09/11/22 23:10	1
Sulfate (SM 4500 SO4 E)	1.7	I	5.0	1.4	mg/L			09/11/22 23:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	4.72				SU			09/07/22 10:11	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: MW-101

Date Collected: 09/07/22 11:50
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-2

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 15:56	1

Method: SW846 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		09/14/22 11:40	09/20/22 16:44	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 16:44	5
Barium	**0.0089**		0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 16:44	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 16:44	5
Boron	**0.029**	**I**	0.050	0.0012	mg/L		09/14/22 11:40	09/22/22 19:21	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 16:44	5
Calcium	**0.60**	**V**	0.25	0.13	mg/L		09/14/22 11:40	09/20/22 16:44	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 16:44	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 16:44	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 16:44	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:17	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 16:44	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 14:27	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 16:44	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 13:50	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**14**		5.0	5.0	mg/L			09/12/22 14:47	1
Chloride (SM 4500 Cl- E)	**3.4**		2.0	1.4	mg/L			09/11/22 23:11	1
Sulfate (SM 4500 SO4 E)	**1.5**	**I**	5.0	1.4	mg/L			09/11/22 23:38	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.89**				SU			09/07/22 11:50	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: MW-107

Date Collected: 09/07/22 14:12
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-3

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 16:17	1

Method: SW846 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		09/14/22 11:40	09/20/22 17:28	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 17:28	5
Barium	**0.012**		0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 17:28	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 17:28	5
Boron	**0.031**	**I**	0.050	0.0012	mg/L		09/14/22 11:40	09/22/22 19:24	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 17:28	5
Calcium	**0.61**		0.25	0.13	mg/L		09/14/22 11:40	09/20/22 17:28	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 17:28	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 17:28	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 17:28	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:20	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 17:28	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 14:30	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 17:28	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 13:53	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**22**		5.0	5.0	mg/L			09/12/22 14:47	1
Chloride (SM 4500 Cl- E)	**3.6**		2.0	1.4	mg/L			09/11/22 23:11	1
Sulfate (SM 4500 SO4 E)	**1.4**	**I**	5.0	1.4	mg/L			09/11/22 23:38	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.92**				SU			09/07/22 14:12	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: MW-108

Date Collected: 09/08/22 08:17
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-4

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 16:38	1

Method: SW846 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		09/14/22 11:40	09/20/22 17:31	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 17:31	5
Barium	**0.012**		0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 17:31	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 17:31	5
Boron	**0.055**	**V**	0.050	0.0012	mg/L		09/14/22 11:40	09/20/22 17:31	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 17:31	5
Calcium	**2.1**		0.25	0.13	mg/L		09/14/22 11:40	09/20/22 17:31	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 17:31	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 17:31	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 17:31	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:23	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 17:31	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 14:34	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 17:31	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 13:55	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**44**		5.0	5.0	mg/L			09/12/22 14:47	1
Chloride (SM 4500 Cl- E)	**3.4**		2.0	1.4	mg/L			09/12/22 21:05	1
Sulfate (SM 4500 SO4 E)	**5.5**		5.0	1.4	mg/L			09/11/22 23:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.78**				SU			09/08/22 08:17	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: MW-306

Date Collected: 09/08/22 10:13
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-5

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 16:59	1

Method: SW846 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		09/14/22 11:40	09/20/22 17:34	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 17:34	5
Barium	**0.012**		0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 17:34	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 17:34	5
Boron	**0.027**	**I**	0.050	0.0012	mg/L		09/14/22 11:40	09/22/22 19:51	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 17:34	5
Calcium	**0.69**		0.25	0.13	mg/L		09/14/22 11:40	09/20/22 17:34	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 17:34	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 17:34	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 17:34	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:26	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 17:34	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 14:37	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 17:34	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 14:03	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**24**		5.0	5.0	mg/L			09/12/22 14:38	1
Chloride (SM 4500 Cl- E)	**4.3**		2.0	1.4	mg/L			09/12/22 21:05	1
Sulfate (SM 4500 SO4 E)	1.4	U	5.0	1.4	mg/L			09/11/22 23:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.87**				SU			09/08/22 10:13	1

Client Sample ID: MW-307

Date Collected: 09/08/22 12:47
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-6

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 17:20	1

Method: SW846 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		09/14/22 11:40	09/20/22 17:37	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 17:37	5
Barium	**0.017**		0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 17:37	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 17:37	5
Boron	**0.025**	**I**	0.050	0.0012	mg/L		09/14/22 11:40	09/22/22 19:55	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 17:37	5
Calcium	**0.82**		0.25	0.13	mg/L		09/14/22 11:40	09/20/22 17:37	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 17:37	5
Cobalt	**0.00064**	**I**	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 17:37	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 17:37	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:29	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 17:37	5
Selenium	**0.0034**		0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 15:01	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 17:37	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 14:05	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**48**		5.0	5.0	mg/L			09/12/22 14:47	1
Chloride (SM 4500 Cl- E)	**5.3**		2.0	1.4	mg/L			09/12/22 21:07	1
Sulfate (SM 4500 SO4 E)	1.4	U	5.0	1.4	mg/L			09/11/22 23:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.13**				SU			09/08/22 12:47	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: DUP-01
Date Collected: 09/07/22 09:11
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-7
Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 18:22	1

Method: SW846 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		09/14/22 11:40	09/20/22 17:40	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 17:40	5
Barium	**0.017**		0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 17:40	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 17:40	5
Boron	**0.046**	I	0.050	0.0012	mg/L		09/14/22 11:40	09/21/22 15:04	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 17:40	5
Calcium	**0.89**		0.25	0.13	mg/L		09/14/22 11:40	09/20/22 17:40	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 17:40	5
Cobalt	**0.00059**	I	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 17:40	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 17:40	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:54	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 17:40	5
Selenium	**0.0023**		0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 15:04	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 17:40	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 14:07	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**38**		5.0	5.0	mg/L			09/12/22 14:47	1
Chloride (SM 4500 Cl- E)	**4.3**		2.0	1.4	mg/L			09/11/22 23:12	1
Sulfate (SM 4500 SO4 E)	**1.5**	I	5.0	1.4	mg/L			09/11/22 23:39	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.72**				SU			09/07/22 09:11	1

Client Sample ID: EB-01

Date Collected: 09/08/22 12:02
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-8

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 17:40	1

Method: SW846 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		09/14/22 11:40	09/20/22 17:44	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 17:44	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 17:44	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 17:44	5
Boron	**0.049**	**I V J3**	0.050	0.0012	mg/L		09/14/22 11:40	09/21/22 15:30	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 17:44	5
Calcium	0.13	U	0.25	0.13	mg/L		09/14/22 11:40	09/20/22 17:44	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 17:44	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 17:44	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 17:44	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:57	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 17:44	5
Selenium	**0.012**		0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 15:30	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 17:44	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 14:10	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5.0	U	5.0	5.0	mg/L			09/12/22 14:47	1
Chloride (SM 4500 Cl- E)	1.4	U	2.0	1.4	mg/L			09/12/22 21:08	1
Sulfate (SM 4500 SO4 E)	1.4	U	5.0	1.4	mg/L			09/11/22 23:32	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: FB-01

Date Collected: 09/08/22 12:58
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-9

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 18:43	1

Method: SW846 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		09/14/22 11:40	09/20/22 17:47	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/20/22 17:47	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/14/22 11:40	09/20/22 17:47	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/20/22 17:47	5
Boron	0.0012	U	0.050	0.0012	mg/L		09/14/22 11:40	09/21/22 15:33	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/20/22 17:47	5
Calcium	0.13	U	0.25	0.13	mg/L		09/14/22 11:40	09/20/22 17:47	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 17:47	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/20/22 17:47	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/20/22 17:47	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 19:00	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/20/22 17:47	5
Selenium	**0.0037**		0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 15:33	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/20/22 17:47	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 14:16	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5.0	U	5.0	5.0	mg/L			09/12/22 14:38	1
Chloride (SM 4500 Cl- E)	1.4	U	2.0	1.4	mg/L			09/12/22 21:08	1
Sulfate (SM 4500 SO4 E)	1.4	U	5.0	1.4	mg/L			09/11/22 23:33	1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

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.
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.

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 Collecte3: 0/ 50x544 10:11
Date Receive3: 0/ 50T544 19:yT

Lab Sample ID: 200-44799x-1

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 14:54
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593289	NTH	EET PEN	09/20/22 16:41
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 14:24
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 19:18
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:14
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 ¹
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 13:48
Total/NA	Analysis	SM 2540C		1	592212	VB	EET PEN	09/12/22 14:47
Total/NA	Analysis	SM 4500 Cl- E		1	592118	DN1	EET PEN	09/11/22 23:10
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:37
Total/NA	Analysis	Field Sampling		1	594497	S1K	EET PEN	09/07/22 10:11

Client Sample ID: MW-101

Date Collecte3: 0/ 50x544 11:70
Date Receive3: 0/ 50T544 19:yT

Lab Sample ID: 200-44799x-4

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 15:56
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593289	NTH	EET PEN	09/20/22 16:44
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 14:27
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 19:21
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:17
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 ¹
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 13:50
Total/NA	Analysis	SM 2540C		1	592212	VB	EET PEN	09/12/22 14:47
Total/NA	Analysis	SM 4500 Cl- E		1	592118	DN1	EET PEN	09/11/22 23:11
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:38
Total/NA	Analysis	Field Sampling		1	594497	S1K	EET PEN	09/07/22 11:50

Client Sample ID: MW-10x

Date Collecte3: 0/ 50x544 12:14
Date Receive3: 0/ 50T544 19:yT

Lab Sample ID: 200-44799x-y

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 16:17

Client Sample ID: MW-10x
Date Collecte3: 0/ 5 0x544 12:14
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-y
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 17:28
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 14:30
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 19:24
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:20
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 ¹
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 13:53
Total/NA	Analysis	SM 2540C		1	592212	VB	EET PEN	09/12/22 14:47
Total/NA	Analysis	SM 4500 Cl- E		1	592118	DN1	EET PEN	09/11/22 23:11
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:38
Total/NA	Analysis	Field Sampling		1	594497	S1K	EET PEN	09/07/22 14:12

Client Sample ID: MW-10T
Date Collecte3: 0/ 5 0T544 0T:1x
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-2
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 16:38
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 17:31
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 14:34
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:23
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 ¹
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 13:55
Total/NA	Analysis	SM 2540C		1	592212	VB	EET PEN	09/12/22 14:47
Total/NA	Analysis	SM 4500 Cl- E		1	592268	DN1	EET PEN	09/12/22 21:05
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:30
Total/NA	Analysis	Field Sampling		1	594497	S1K	EET PEN	09/08/22 08:17

Client Sample ID: MW-y09
Date Collecte3: 0/ 5 0T544 10:1y
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-7
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 16:59
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 17:34
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 14:37

Client Sample ID: MW-y09
Date Collecte3: 0/ 5 0T544 10:1y
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-7
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 19:51
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:26
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 ¹
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 14:03
Total/NA	Analysis	SM 2540C		1	592210	VB	EET PEN	09/12/22 14:38
Total/NA	Analysis	SM 4500 Cl- E		1	592268	DN1	EET PEN	09/12/22 21:05
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:31
Total/NA	Analysis	Field Sampling		1	594497	S1K	EET PEN	09/08/22 10:13

Client Sample ID: MW-y0x
Date Collecte3: 0/ 5 0T544 14:2x
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-9
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 17:20
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 17:37
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 15:01
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 19:55
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:29
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 ¹
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 14:05
Total/NA	Analysis	SM 2540C		1	592212	VB	EET PEN	09/12/22 14:47
Total/NA	Analysis	SM 4500 Cl- E		1	592268	DN1	EET PEN	09/12/22 21:07
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:31
Total/NA	Analysis	Field Sampling		1	594497	S1K	EET PEN	09/08/22 12:47

Client Sample ID: DUs-01
Date Collecte3: 0/ 5 0x544 0/ :11
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-x
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 18:22
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 17:40
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 15:04
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 ¹
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:54

Client Sample ID: DUs-01

Date Collecte3: 0/ 5 0x544 0/ :11
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-x

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 [1]
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 14:07
Total/NA	Analysis	SM 2540C		1	592212	VB	EET PEN	09/12/22 14:47
Total/NA	Analysis	SM 4500 Cl- E		1	592118	DN1	EET PEN	09/11/22 23:12
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:39
Total/NA	Analysis	Field Sampling		1	594497	S1K	EET PEN	09/07/22 09:11

Client Sample ID: EA-01

Date Collecte3: 0/ 5 0T544 14:04
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-T

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 17:40
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 17:44
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 [1]
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 15:30
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 18:57
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 [1]
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 14:10
Total/NA	Analysis	SM 2540C		1	592212	VB	EET PEN	09/12/22 14:47
Total/NA	Analysis	SM 4500 Cl- E		1	592268	DN1	EET PEN	09/12/22 21:08
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:32

Client Sample ID: 8A-01

Date Collecte3: 0/ 5 0T544 14:7T
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-/

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 18:43
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 17:47
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 [1]
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 15:33
Total Recoverable	Prep	3005A			592467	KWN	EET PEN	09/14/22 11:40 - 09/14/22 15:54 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 19:00
Total/NA	Prep	7470A			593355	NET	EET PEN	09/26/22 11:29 - 09/26/22 14:00 [1]
Total/NA	Analysis	7470A		1	594213	NET	EET PEN	09/27/22 14:16
Total/NA	Analysis	SM 2540C		1	592210	VB	EET PEN	09/12/22 14:38
Total/NA	Analysis	SM 4500 Cl- E		1	592268	DN1	EET PEN	09/12/22 21:08
Total/NA	Analysis	SM 4500 SO4 E		1	592119	DN1	EET PEN	09/11/22 23:33

[1] Completion dates and times are reported or not reported per method requirements or individual lab discretion.

LaboratorP Referencez:

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

HPLC/IC

Analysis Batch: 591951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	300.0	
400-225667-2	MW-101	Total/NA	Water	300.0	
400-225667-3	MW-107	Total/NA	Water	300.0	
400-225667-4	MW-108	Total/NA	Water	300.0	
400-225667-5	MW-306	Total/NA	Water	300.0	
400-225667-6	MW-307	Total/NA	Water	300.0	
400-225667-7	DUP-01	Total/NA	Water	300.0	
400-225667-8	EB-01	Total/NA	Water	300.0	
400-225667-9	FB-01	Total/NA	Water	300.0	
MB 400-591951/5	Method Blank	Total/NA	Water	300.0	
LCS 400-591951/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-591951/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225661-H-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-225661-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 592467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total Recoverable	Water	3005A	
400-225667-2	MW-101	Total Recoverable	Water	3005A	
400-225667-3	MW-107	Total Recoverable	Water	3005A	
400-225667-4	MW-108	Total Recoverable	Water	3005A	
400-225667-5	MW-306	Total Recoverable	Water	3005A	
400-225667-6	MW-307	Total Recoverable	Water	3005A	
400-225667-7	DUP-01	Total Recoverable	Water	3005A	
400-225667-8	EB-01	Total Recoverable	Water	3005A	
400-225667-9	FB-01	Total Recoverable	Water	3005A	
MB 400-592467/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-592467/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-225667-2 MS	MW-101	Total Recoverable	Water	3005A	
400-225667-2 MSD	MW-101	Total Recoverable	Water	3005A	

Analysis Batch: 593289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total Recoverable	Water	6020	592467
400-225667-2	MW-101	Total Recoverable	Water	6020	592467
LCS 400-592467/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592467
400-225667-2 MS	MW-101	Total Recoverable	Water	6020	592467
400-225667-2 MSD	MW-101	Total Recoverable	Water	6020	592467

Analysis Batch: 593338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-3	MW-107	Total Recoverable	Water	6020	592467
400-225667-4	MW-108	Total Recoverable	Water	6020	592467
400-225667-5	MW-306	Total Recoverable	Water	6020	592467
400-225667-6	MW-307	Total Recoverable	Water	6020	592467
400-225667-7	DUP-01	Total Recoverable	Water	6020	592467
400-225667-8	EB-01	Total Recoverable	Water	6020	592467
400-225667-9	FB-01	Total Recoverable	Water	6020	592467
MB 400-592467/1-A ^5	Method Blank	Total Recoverable	Water	6020	592467

Metals (Continued)

Analysis Batch: 593338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-2 MS	MW-101	Total Recoverable	Water	6020	592467
400-225667-2 MSD	MW-101	Total Recoverable	Water	6020	592467

Prep Batch: 593355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	7470A	
400-225667-2	MW-101	Total/NA	Water	7470A	
400-225667-3	MW-107	Total/NA	Water	7470A	
400-225667-4	MW-108	Total/NA	Water	7470A	
400-225667-5	MW-306	Total/NA	Water	7470A	
400-225667-6	MW-307	Total/NA	Water	7470A	
400-225667-7	DUP-01	Total/NA	Water	7470A	
400-225667-8	EB-01	Total/NA	Water	7470A	
400-225667-9	FB-01	Total/NA	Water	7470A	
MB 400-593355/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-593355/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-225703-K-3-C MS	Matrix Spike	Total/NA	Water	7470A	
400-225703-K-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 593462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total Recoverable	Water	6020	592467
400-225667-2	MW-101	Total Recoverable	Water	6020	592467
400-225667-3	MW-107	Total Recoverable	Water	6020	592467
400-225667-4	MW-108	Total Recoverable	Water	6020	592467
400-225667-5	MW-306	Total Recoverable	Water	6020	592467
400-225667-6	MW-307	Total Recoverable	Water	6020	592467
400-225667-7	DUP-01	Total Recoverable	Water	6020	592467
400-225667-8	EB-01	Total Recoverable	Water	6020	592467
400-225667-9	FB-01	Total Recoverable	Water	6020	592467
MB 400-592467/1-A ^5	Method Blank	Total Recoverable	Water	6020	592467

Analysis Batch: 593654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total Recoverable	Water	6020	592467
400-225667-2	MW-101	Total Recoverable	Water	6020	592467
400-225667-3	MW-107	Total Recoverable	Water	6020	592467
400-225667-5	MW-306	Total Recoverable	Water	6020	592467
400-225667-6	MW-307	Total Recoverable	Water	6020	592467

Analysis Batch: 593804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total Recoverable	Water	6020	592467
400-225667-2	MW-101	Total Recoverable	Water	6020	592467
400-225667-3	MW-107	Total Recoverable	Water	6020	592467
400-225667-4	MW-108	Total Recoverable	Water	6020	592467
400-225667-5	MW-306	Total Recoverable	Water	6020	592467
400-225667-6	MW-307	Total Recoverable	Water	6020	592467
400-225667-7	DUP-01	Total Recoverable	Water	6020	592467
400-225667-8	EB-01	Total Recoverable	Water	6020	592467
400-225667-9	FB-01	Total Recoverable	Water	6020	592467

Metals (Continued)

Analysis Batch: 593804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-592467/1-A ^5	Method Blank	Total Recoverable	Water	6020	592467
LCS 400-592467/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592467

Analysis Batch: 594213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	7470A	593355
400-225667-2	MW-101	Total/NA	Water	7470A	593355
400-225667-3	MW-107	Total/NA	Water	7470A	593355
400-225667-4	MW-108	Total/NA	Water	7470A	593355
400-225667-5	MW-306	Total/NA	Water	7470A	593355
400-225667-6	MW-307	Total/NA	Water	7470A	593355
400-225667-7	DUP-01	Total/NA	Water	7470A	593355
400-225667-8	EB-01	Total/NA	Water	7470A	593355
400-225667-9	FB-01	Total/NA	Water	7470A	593355
MB 400-593355/14-A	Method Blank	Total/NA	Water	7470A	593355
LCS 400-593355/15-A	Lab Control Sample	Total/NA	Water	7470A	593355
400-225703-K-3-C MS	Matrix Spike	Total/NA	Water	7470A	593355
400-225703-K-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	593355

General Chemistry

Analysis Batch: 592118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	SM 4500 Cl- E	
400-225667-2	MW-101	Total/NA	Water	SM 4500 Cl- E	
400-225667-3	MW-107	Total/NA	Water	SM 4500 Cl- E	
400-225667-7	DUP-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-592118/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592118/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-592118/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-225660-A-2 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-225660-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 592119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	SM 4500 SO4 E	
400-225667-2	MW-101	Total/NA	Water	SM 4500 SO4 E	
400-225667-3	MW-107	Total/NA	Water	SM 4500 SO4 E	
400-225667-4	MW-108	Total/NA	Water	SM 4500 SO4 E	
400-225667-5	MW-306	Total/NA	Water	SM 4500 SO4 E	
400-225667-6	MW-307	Total/NA	Water	SM 4500 SO4 E	
400-225667-7	DUP-01	Total/NA	Water	SM 4500 SO4 E	
400-225667-8	EB-01	Total/NA	Water	SM 4500 SO4 E	
400-225667-9	FB-01	Total/NA	Water	SM 4500 SO4 E	
MB 400-592119/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-592119/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-592119/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-225667-9 MS	FB-01	Total/NA	Water	SM 4500 SO4 E	
400-225667-9 MSD	FB-01	Total/NA	Water	SM 4500 SO4 E	

General Chemistry

Analysis Batch: 592210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-5	MW-306	Total/NA	Water	SM 2540C	
400-225667-9	FB-01	Total/NA	Water	SM 2540C	
MB 400-592210/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-592210/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-225722-A-8 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 592212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	SM 2540C	
400-225667-2	MW-101	Total/NA	Water	SM 2540C	
400-225667-3	MW-107	Total/NA	Water	SM 2540C	
400-225667-4	MW-108	Total/NA	Water	SM 2540C	
400-225667-6	MW-307	Total/NA	Water	SM 2540C	
400-225667-7	DUP-01	Total/NA	Water	SM 2540C	
400-225667-8	EB-01	Total/NA	Water	SM 2540C	
MB 400-592212/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-592212/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-225433-B-14 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 592268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-4	MW-108	Total/NA	Water	SM 4500 Cl- E	
400-225667-5	MW-306	Total/NA	Water	SM 4500 Cl- E	
400-225667-6	MW-307	Total/NA	Water	SM 4500 Cl- E	
400-225667-8	EB-01	Total/NA	Water	SM 4500 Cl- E	
400-225667-9	FB-01	Total/NA	Water	SM 4500 Cl- E	
MB 400-592268/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592268/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-592268/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-225667-5 MS	MW-306	Total/NA	Water	SM 4500 Cl- E	
400-225667-5 MSD	MW-306	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 594497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	Field Sampling	
400-225667-2	MW-101	Total/NA	Water	Field Sampling	
400-225667-3	MW-107	Total/NA	Water	Field Sampling	
400-225667-4	MW-108	Total/NA	Water	Field Sampling	
400-225667-5	MW-306	Total/NA	Water	Field Sampling	
400-225667-6	MW-307	Total/NA	Water	Field Sampling	
400-225667-7	DUP-01	Total/NA	Water	Field Sampling	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-591951/5
Matrix: Water
Analysis Batch: 591951

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/09/22 11:46	1

Lab Sample ID: LCS 400-591951/6
Matrix: Water
Analysis Batch: 591951

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	11.0		mg/L		110	90 - 110

Lab Sample ID: LCSD 400-591951/7
Matrix: Water
Analysis Batch: 591951

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	10.0	11.0		mg/L		110	90 - 110	0	15

Lab Sample ID: 400-225661-H-1 MS
Matrix: Water
Analysis Batch: 591951

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	1.9		10.0	13.3		mg/L		114	80 - 120

Lab Sample ID: 400-225661-H-1 MSD
Matrix: Water
Analysis Batch: 591951

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	1.9		10.0	13.0		mg/L		111	80 - 120	2	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-592467/1-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/14/22 11:40	09/20/22 16:04	5

Lab Sample ID: MB 400-592467/1-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/14/22 11:40	09/21/22 14:18	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/14/22 11:40	09/21/22 14:18	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/21/22 14:18	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/21/22 14:18	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/14/22 11:40	09/21/22 14:18	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/21/22 14:18	5

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

Lab Sample ID: MB 400-592467/1-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/14/22 11:40	09/23/22 18:08	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/14/22 11:40	09/23/22 18:08	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/14/22 11:40	09/23/22 18:08	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/14/22 11:40	09/23/22 18:08	5
Boron	0.00190	I	0.050	0.0012	mg/L		09/14/22 11:40	09/23/22 18:08	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/14/22 11:40	09/23/22 18:08	5
Calcium	0.13	U	0.25	0.13	mg/L		09/14/22 11:40	09/23/22 18:08	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/14/22 11:40	09/23/22 18:08	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/14/22 11:40	09/23/22 18:08	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/14/22 11:40	09/23/22 18:08	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/14/22 11:40	09/23/22 18:08	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/14/22 11:40	09/23/22 18:08	5

Lab Sample ID: LCS 400-592467/2-A ^5
Matrix: Water
Analysis Batch: 593289

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.0500	0.0447		mg/L		89	80 - 120

Lab Sample ID: LCS 400-592467/2-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.0500	0.0517		mg/L		103	80 - 120
Barium	0.0500	0.0500		mg/L		100	80 - 120
Beryllium	0.0500	0.0511		mg/L		102	80 - 120
Boron	0.100	0.0871		mg/L		87	80 - 120
Cadmium	0.0500	0.0502		mg/L		100	80 - 120
Calcium	5.00	5.17		mg/L		103	80 - 120
Chromium	0.0500	0.0533		mg/L		107	80 - 120
Cobalt	0.0500	0.0517		mg/L		103	80 - 120
Lead	0.0500	0.0505		mg/L		101	80 - 120
Lithium	0.0500	0.0500		mg/L		100	80 - 120
Molybdenum	0.0500	0.0515		mg/L		103	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: 400-225667-2 MS
Matrix: Water
Analysis Batch: 593289

Client Sample ID: MW-101
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0534		mg/L		107	75 - 125
Antimony	0.0015	U	0.0500	0.0534		mg/L		107	75 - 125
Arsenic	0.0012	U	0.0500	0.0499		mg/L		100	75 - 125
Arsenic	0.0012	U	0.0500	0.0499		mg/L		100	75 - 125
Barium	0.0089		0.0500	0.0602		mg/L		103	75 - 125

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

Lab Sample ID: 400-225667-2 MS
Matrix: Water
Analysis Batch: 593338

Client Sample ID: MW-101
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.0089		0.0500	0.0602		mg/L		103	75 - 125
Beryllium	0.00092	U	0.0500	0.0478		mg/L		96	75 - 125
Beryllium	0.00092	U	0.0500	0.0478		mg/L		96	75 - 125
Boron	0.094	V J3	0.100	0.223	V J3	mg/L		128	75 - 125
Cadmium	0.00065	U	0.0500	0.0523		mg/L		105	75 - 125
Cadmium	0.00065	U	0.0500	0.0523		mg/L		105	75 - 125
Calcium	0.60	V	5.00	5.80		mg/L		104	75 - 125
Calcium	0.60	V	5.00	5.80		mg/L		104	75 - 125
Chromium	0.0010	U	0.0500	0.0535		mg/L		107	75 - 125
Chromium	0.0010	U	0.0500	0.0535		mg/L		107	75 - 125
Cobalt	0.00056	U	0.0500	0.0510		mg/L		102	75 - 125
Cobalt	0.00056	U	0.0500	0.0510		mg/L		102	75 - 125
Lead	0.00081	U	0.0500	0.0496		mg/L		99	75 - 125
Lead	0.00081	U	0.0500	0.0496		mg/L		99	75 - 125
Molybdenum	0.0013	U	0.0500	0.0512		mg/L		102	75 - 125
Molybdenum	0.0013	U	0.0500	0.0512		mg/L		102	75 - 125
Selenium	0.0035	V	0.0500	0.0466		mg/L		86	75 - 125
Selenium	0.0035	V	0.0500	0.0466		mg/L		86	75 - 125
Thallium	0.00046	U	0.0100	0.00998		mg/L		100	75 - 125
Thallium	0.00046	U	0.0100	0.00998		mg/L		100	75 - 125

Lab Sample ID: 400-225667-2 MSD
Matrix: Water
Analysis Batch: 593289

Client Sample ID: MW-101
Prep Type: Total Recoverable
Prep Batch: 592467

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	0.0571		mg/L		114	75 - 125	7	20
Antimony	0.0015	U	0.0500	0.0571		mg/L		114	75 - 125	7	20
Arsenic	0.0012	U	0.0500	0.0528		mg/L		106	75 - 125	6	20
Arsenic	0.0012	U	0.0500	0.0528		mg/L		106	75 - 125	6	20
Barium	0.0089		0.0500	0.0601		mg/L		102	75 - 125	0	20
Barium	0.0089		0.0500	0.0601		mg/L		102	75 - 125	0	20
Beryllium	0.00092	U	0.0500	0.0527		mg/L		105	75 - 125	10	20
Beryllium	0.00092	U	0.0500	0.0527		mg/L		105	75 - 125	10	20
Boron	0.094	V J3	0.100	0.209	V	mg/L		115	75 - 125	6	20
Cadmium	0.00065	U	0.0500	0.0543		mg/L		109	75 - 125	4	20
Cadmium	0.00065	U	0.0500	0.0543		mg/L		109	75 - 125	4	20
Calcium	0.60	V	5.00	5.85		mg/L		105	75 - 125	1	20
Calcium	0.60	V	5.00	5.85		mg/L		105	75 - 125	1	20
Chromium	0.0010	U	0.0500	0.0567		mg/L		113	75 - 125	6	20
Chromium	0.0010	U	0.0500	0.0567		mg/L		113	75 - 125	6	20
Cobalt	0.00056	U	0.0500	0.0536		mg/L		107	75 - 125	5	20
Cobalt	0.00056	U	0.0500	0.0536		mg/L		107	75 - 125	5	20
Lead	0.00081	U	0.0500	0.0526		mg/L		105	75 - 125	6	20
Lead	0.00081	U	0.0500	0.0526		mg/L		105	75 - 125	6	20
Lithium	0.0049	U	0.0500	0.0501		mg/L		100	75 - 125	6	20
Molybdenum	0.0013	U	0.0500	0.0551		mg/L		110	75 - 125	7	20
Molybdenum	0.0013	U	0.0500	0.0551		mg/L		110	75 - 125	7	20
Selenium	0.0035	V	0.0500	0.0601	J3	mg/L		113	75 - 125	25	20

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

Lab Sample ID: 400-225667-2 MSD
Matrix: Water
Analysis Batch: 593338

Client Sample ID: MW-101
Prep Type: Total Recoverable
Prep Batch: 592467

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	0.0035	V	0.0500	0.0601	J3	mg/L		113	75 - 125	25	20
Thallium	0.00046	U	0.0100	0.0103		mg/L		103	75 - 125	3	20
Thallium	0.00046	U	0.0100	0.0103		mg/L		103	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-593355/14-A
Matrix: Water
Analysis Batch: 594213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 593355

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/26/22 11:29	09/27/22 12:48	1

Lab Sample ID: LCS 400-593355/15-A
Matrix: Water
Analysis Batch: 594213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 593355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.00107		mg/L		107	80 - 120

Lab Sample ID: 400-225703-K-3-C MS
Matrix: Water
Analysis Batch: 594213

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 593355

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00314	J3	mg/L		156	80 - 120

Lab Sample ID: 400-225703-K-3-D MSD
Matrix: Water
Analysis Batch: 594213

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 593355

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	0.00281	J3	mg/L		140	80 - 120	11	20

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

Lab Sample ID: MB 400-592210/1
Matrix: Water
Analysis Batch: 592210

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			09/12/22 14:38	1

Lab Sample ID: LCS 400-592210/2
Matrix: Water
Analysis Batch: 592210

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	284		mg/L		97	78 - 122

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

Lab Sample ID: 400-225722-A-8 DU
Matrix: Water
Analysis Batch: 592210

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	210			208		mg/L				1	5

Lab Sample ID: MB 400-592212/1
Matrix: Water
Analysis Batch: 592212

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			09/12/22 14:47	1

Lab Sample ID: LCS 400-592212/2
Matrix: Water
Analysis Batch: 592212

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	278		mg/L		95	78 - 122		

Lab Sample ID: 400-225433-B-14 DU
Matrix: Water
Analysis Batch: 592212

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	43000	L		42900	L	mg/L				0.2	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-592118/13
Matrix: Water
Analysis Batch: 592118

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			09/11/22 22:59	1

Lab Sample ID: LCS 400-592118/14
Matrix: Water
Analysis Batch: 592118

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	48.3		mg/L		97	90 - 110		

Lab Sample ID: MRL 400-592118/15
Matrix: Water
Analysis Batch: 592118

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	1.56	I	mg/L		78	50 - 150		

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

Lab Sample ID: 400-225660-A-2 MS
Matrix: Water
Analysis Batch: 592118

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	2.9		10.0	11.9		mg/L		90	73 - 120

Lab Sample ID: 400-225660-A-2 MSD
Matrix: Water
Analysis Batch: 592118

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	2.9		10.0	12.1		mg/L		92	73 - 120	2	8

Lab Sample ID: MB 400-592268/13
Matrix: Water
Analysis Batch: 592268

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			09/12/22 20:55	1

Lab Sample ID: LCS 400-592268/14
Matrix: Water
Analysis Batch: 592268

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	53.7		mg/L		107	90 - 110

Lab Sample ID: MRL 400-592268/15
Matrix: Water
Analysis Batch: 592268

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	1.73	I	mg/L		87	50 - 150

Lab Sample ID: 400-225667-5 MS
Matrix: Water
Analysis Batch: 592268

Client Sample ID: MW-306
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.3		10.0	13.5		mg/L		93	73 - 120

Lab Sample ID: 400-225667-5 MSD
Matrix: Water
Analysis Batch: 592268

Client Sample ID: MW-306
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.3		10.0	13.4		mg/L		91	73 - 120	1	8

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-592119/12
Matrix: Water
Analysis Batch: 592119

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			09/11/22 23:25	1

Lab Sample ID: LCS 400-592119/13
Matrix: Water
Analysis Batch: 592119

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	14.8		mg/L		99	90 - 110		

Lab Sample ID: MRL 400-592119/14
Matrix: Water
Analysis Batch: 592119

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	4.40	I	mg/L		88	50 - 150		

Lab Sample ID: 400-225667-9 MS
Matrix: Water
Analysis Batch: 592119

Client Sample ID: FB-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	1.4	U	10.0	8.86		mg/L		89	77 - 128		

Lab Sample ID: 400-225667-9 MSD
Matrix: Water
Analysis Batch: 592119

Client Sample ID: FB-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	1.4	U	10.0	9.20		mg/L		92	77 - 128	4	5

Eurofins 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: Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113838-23627.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Florida Power and Light	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 #: 2000403482			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Background A	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-100	9-7-22	1011	G	Water	N		X	X	X	X	X	X	4	
MW-101	9-7-22	1150	G	Water			X	X	X	X	X	X	4	
MW-107	9-7-22	1412	G	Water			X	X	X	X	X	X	4	
MW-108	9-8-22	0817	G	Water			X	X	X	X	X	X	4	
MW-306	9-8-22	1013	G	Water			X	X	X	X	X	X	4	
MW-307	9-8-22	1247	G	Water			X	X	X	X	X	X	4	
DUP-01	9-7-22	0911	G	Water			X	X		X	X	X	4	
EB-01	9-8-22	1202	G	Water			X	X		X	X	X	4	
FB-01	9-8-22	1258	G	Water			X	X		X	X	X	4	

400-225667 COC

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9-8-22 1638	RAH ENV.	MD	9/8/22 1638	~~EESE~~
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: 0.1, 0.3, IR8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225667-1
SDG Number: Background A

Login Number: 225667
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins 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	0.1, 0.3°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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: GlufiPo wur ef onP mipat
wfu&ej td ite: CCS REIBCleon k nefpg Centef

yuJ bl : D440 - 211703
/ I R: d oj ApfuEnP s

Laboratory: Eurofins Pensacola

s ll oj j fePitotiunhq eftiBj otiunh aelP Jg taih loJufotufg ofe lihteP. Nut oll oj j fePitotiunhq eftiBj otiunh ofe o55lij oJle tu taih fe5uft.

Authority	Program	Identification Number	Expiration Date
s loJo6 o	/ tote	D4324	410040 O
s Nsd	b/ L dk C 374- 2	m- D73	4- 0- 00- O
s fAonhoh I k Q	/ tote	990419F	4F0430 O
ColiBafnio	/ tote	- 234	410040 O
GlufiPo	Nk ms w	k 93434	410040 O
Reufpio	/ tote	k 93434(Gm)	410040 O
blinuih	Nk ms w	- 444D3	3404F0 -
Konhoh	Nk ms w	k 034- 2O	340080 -
KentEj Ag (U/ T)	/ tote	2O	410040 O
KentEj Ag (WW)	/ tote	KYF94O4	3- 0080 -
muEihiono (s ll)	Nk ms w	O4F71	410040 O
muEihiono (I W)	/ tote	ms 437	3- 0080 -
MofglonP	/ tote	- OO	4F0040 -
Mij aipon	/ tote	FF3-	410040 O
Nufta Cofulino (WWd W)	/ tote	O8D	3- 0080 -
L Aloau6 o	Nk ms w	F934	490080 O
wennhglvonio	Nk ms w	19044D17	430080 O
/ uEta Cofulino	/ tote	F14- 1	410040 O
Tennehhee	/ tote	TN4- F47	410040 O
Texoh	Nk ms w	T34D74D- 91	4F0040 -
U/ Giha & WilPliBe	U/ GePefol wfupfo6 h	s - - OD4	410040 O
U/ I s	U/ GePefol wfupfo6 h	wOO40- 3044421	420370 D
Vifpinio	Nk ms w	D14311	4103D0 O
Weht Vifpinio I k w	/ tote	3O1	4O0080 O

k EfuBnh wenhoj ulo

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 400-225667-2
Laboratory Sample Delivery Group: Background A
Client Project/Site: CCR Gulf Clean Energy Center

For:
Florida Power and Light
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne Whitmire

Authorized for release by:
10/18/2022 4:46:09 PM

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

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

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

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

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Job ID: 400-225667-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225667-2

Receipt

The samples were received on 9/8/2022 4:38 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.1º C and 0.3º C.

RAD

Method 9315: Radium-226 batch 582040. The method blank (MB) z-score is within limits and is stored in the level IV raw data. 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 (400-225667-1), (LCS 160-582040/2-A), (MB 160-582040/1-A), (280-166284-A-2-A) and (280-166284-A-2-B DU)

Method 9315: Radium-226 batch 581883. 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-101 (400-225667-2), MW-107 (400-225667-3), MW-108 (400-225667-4), MW-306 (400-225667-5), MW-307 (400-225667-6), DUP-01 (400-225667-7), EB-01 (400-225667-8), FB-01 (400-225667-9), (LCS 160-581883/2-A), (LCSD 160-581883/3-A) and (MB 160-581883/1-A)

Method 9320: Radium-228 batch 582045. 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 (400-225667-1), (LCS 160-582045/2-A), (MB 160-582045/1-A), (280-166284-A-2-C) and (280-166284-A-2-D DU)

Method 9320: Radium-228 batch 582045. The bracketing daily (check), run the day after the sample was run, was slightly outsic the established QC criteria. The efficiency is set at 3% and the bracketing check achieved 3.2%.The daily (check) run the day th sample was run, passed. Additionally the affected sample achieved its detection goal and was the sample chosen as the batch duplicate. The precision was within acceptable QC limits demonstrating acceptable method and instrument performance. Origin results will be reported. (280-166284-A-2-C)

Method 9320: Radium-228 batch 581888. The LCSD recovered at (128%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (62-148%) per method requirements. The LCS passes, no further action is required. (LCSD 160-581888/3-A)

Method 9320: Radium-228 batch 581888. 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-101 (400-225667-2), MW-107 (400-225667-3), MW-108 (400-225667-4), MW-306 (400-225667-5), MW-307 (400-225667-6), DUP-01 (400-225667-7), EB-01 (400-225667-8), FB-01 (400-225667-9), (LCS 160-581888/2-A), (LCSD 160-581888/3-A) and (MB 160-581888/1-A)

Method PrecSep_0: Radium 228 Batch 160-581888. Insufficient sample volume was available to perform a sample duplicate for following samples: MW-101 (400-225667-2), MW-107 (400-225667-3), MW-108 (400-225667-4), MW-306 (400-225667-5), MW- (400-225667-6), DUP-01 (400-225667-7), EB-01 (400-225667-8) and FB-01 (400-225667-9). A laboratory control sample/ labora control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 Batch 160-581883. Insufficient sample volume was available to perform a sample duplicate fo the following samples: MW-101 (400-225667-2), MW-107 (400-225667-3), MW-108 (400-225667-4), MW-306 (400-225667-5), MW-307 (400-225667-6), DUP-01 (400-225667-7), EB-01 (400-225667-8) and FB-01 (400-225667-9). A laboratory control samp laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

8 Cl en t CoCuf Powi Gf eu r lmpn
PCod BnAlni : 8 8 j y kC/8 Cf e Rei GmE 8 i eni G

Job ID: 400-221773-2
aDy : Sf BcmGokeu g

Method	Method Description	Protocol	Laboratory
95(1	j f ulkF -227)y t P8 T	aW647	RRL ar
9520	j f ulkF -226)y t P8 T	aW647	RRL ar
j f 227_j f 226	8 oF blei u j f ulkF -227 f eu j f ulkF -226	Lgr -aLr	RRL ar
PGBai , _0	PG, f GlnloehPGBl, lnf ni ai , f Glnloe	Noei	RRL ar
PGBai , -2(	PG, f GlnloehPGBl, lnf ni ai , f Glnloe)2(-Df E le-y GowrpT	Noei	RRL ar

Protocol References:

Noei = Noei

aW647 = "Li snMi rpous t oGRvf Ckf nlema oCu Wf sni hPpEslBf CA8 pi F lBf CMi rpous"hLplGu RulnloehNovi F bi G(967 geu lns U, uf ni s.

Lgr -aLr = Li sngF i GBf r f boGlnoGl shan r oklsht f BlCrE arf euf Gu O, i GlnlemPGoBi ukG.

Laboratory References:

RRL ar = RkGo/les an r oklsh(53(1 j lui GLGlCNoGphRf Gp 8 lnEnMO 75041hLRr)5(4T296-6177

RkGo/les Pi esf BoC

Sample Summary

Client: Florida Power and Light
ProAeBtj1ite: CC/ SkIRClean f nergE Center

Job ID: 400-225667-2
1DS: GaBcgroknd u

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225667-y	MW-y00	Water	09j07j22 y0:yy	09j08j22 y6:38
400-225667-2	MW-y0y	Water	09j07j22 yy:50	09j08j22 y6:38
400-225667-3	MW-y07	Water	09j07j22 y4:y2	09j08j22 y6:38
400-225667-4	MW-y08	Water	09j08j22 08:y7	09j08j22 y6:38
400-225667-5	MW-306	Water	09j08j22 y0:y3	09j08j22 y6:38
400-225667-6	MW-307	Water	09j08j22 y2:47	09j08j22 y6:38
400-225667-7	DUP-0y	Water	09j07j22 09:yy	09j08j22 y6:38
400-225667-8	f G-0y	Water	09j08j22 y2:02	09j08j22 y6:38
400-225667-9	FG-0y	Water	09j08j22 y2:58	09j08j22 y6:38

Client Sample ID: Wr -M00
Date Cclledte3: 0/ 5095 22 M0:MM
Date Redeive3: 0/ 50h5 22 M7:6h

Lab Sample ID: 400-221779-M
Watxio: r atex

Wet(c3: Sr h47 / 6M1 - Ra3ium-227 (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-227	0.671		0.224	0.227	1.00	0.278	pCi/L	09/14/22 10:39	10/06/22 16:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3273*		*40 - 110*	*03/14/22 1095 3*	*10/0: /22 1: 924*	*1*

Wet(c3: Sr h47 / 620 - Ra3ium-22h (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-22h	M576		0.433	0.458	1.00	0.456	pCi/L	09/14/22 11:17	10/06/22 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3273*		*40 - 110*	*03/14/22 1191.*	*10/0: /22 12948*	*1*
Y Carrier	*317.*		*40 - 110*	*03/14/22 1191.*	*10/0: /22 12948*	*1*

Wet(c3: 8y L-S8L Ra227_Ra22h - Ccmbine3 Ra3ium-227 an3 Ra3ium-22h

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ccmbine3 Ra3ium 227 z 22h	2d00		0.488	0.511	5.00	0.456	pCi/L		10/07/22 14:38	1

Client Sample ID: Wr -M0M
Date Cclledte3: 0/ 5095 22 MM10
Date Redeive3: 0/ 50h5 22 M7:6h

Lab Sample ID: 400-221779-2
Watxio: r atex

Wet(c3: Sr h47 / 6M1 - Ra3ium-227 (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Radium-226	0.218	U	0.158	0.160	1.00	0.222	pCi/L	09/13/22 10:54	10/11/22 13:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*40 - 110*	*03/16/22 10954*	*10/11/22 16916*	*1*

Wet(c3: Sr h47 / 620 - Ra3ium-22h (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-22h	**M0M0**		0.368	0.382	1.00	0.427	pCi/L	09/13/22 11:14	10/10/22 12:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*40 - 110*	*03/16/22 11914*	*10/10/22 12961*	*1*
Y Carrier	*8475*		*40 - 110*	*03/16/22 11914*	*10/10/22 12961*	*1*

Wet(c3: 8y L-S8L Ra227_Ra22h - Ccmbine3 Ra3ium-227 an3 Ra3ium-22h

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ccmbine3 Ra3ium 227 z 22h	**M662**		0.400	0.414	5.00	0.427	pCi/L		10/13/22 16:15	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
SDG: Background A

Client Sample ID: Wr -M09

Date Cclledte3: 0/ 5095 22 M4:M2
Date Redeive3: 0/ 50h5 22 M7:6h

Lab Sample ID: 400-221779-6

Watxio: r atex

Wet(c3: Sr h47 / 6M1 - Ra3ium-227 (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-227	0c2h2		0.164	0.166	1.00	0.204	pCi/L	09/13/22 10:54	10/11/22 13:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3375*		*40 - 110*	*03/16/22 10954*	*10/11/22 16916*	*1*

Wet(c3: Sr h47 / 620 - Ra3ium-22h (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-22h	M0Mh		0.435	0.448	1.00	0.529	pCi/L	09/13/22 11:14	10/10/22 12:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3375*		*40 - 110*	*03/16/22 11914*	*10/10/22 12962*	*1*
Y Carrier	*. 271*		*40 - 110*	*03/16/22 11914*	*10/10/22 12962*	*1*

Wet(c3: 8y L-S8L Ra227_Ra22h - Ccmbine3 Ra3ium-227 an3 Ra3ium-22h

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ccmbine3 Ra3ium 227 z 22h	M647		0.465	0.478	5.00	0.529	pCi/L		10/13/22 16:15	1

Client Sample ID: Wr -M0h
Date Cclledte3: 0/ 5 0h522 0h:M9
Date Redeive3: 0/ 5 0h522 M7:6h

Lab Sample ID: 400-221779-4
Watxio: r atex

Wet(c3: Sr h47 / 6M1 - Ra3ium-227 (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A	8ctal Qndextσ (2+z5A	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-227	0c76h		0.225	0.233	1.00	0.219	pCi/L	09/13/22 10:54	10/11/22 13:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3870*		*40 - 110*	*03/16/22 10954*	*10/11/22 16914*	*1*

Wet(c3: Sr h47 / 620 - Ra3ium-22h (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A	8ctal Qndextσ (2+z5A	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-22h	2c7/		0.519	0.575	1.00	0.461	pCi/L	09/13/22 11:14	10/10/22 12:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3870*		*40 - 110*	*03/16/22 11914*	*10/10/22 12962*	*1*
Y Carrier	*887.*		*40 - 110*	*03/16/22 11914*	*10/10/22 12962*	*1*

Wet(c3: 8y L-S8L Ra227_Ra22h - Ccmbine3 Ra3ium-227 an3 Ra3ium-22h

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A	8ctal Qndextσ (2+z5A	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ccmbine3 Ra3ium 227 z 22h	6c62		0.566	0.620	5.00	0.461	pCi/L		10/13/22 16:15	1

Client Sample ID: Wr -607
Date Cclledte3: 0/ 5 0h522 M0:M6
Date Redeive3: 0/ 5 0h522 M7:6h

Lab Sample ID: 400-221779-1
Watxio: r atex

Wet(c3: Sr h47 / 6M1 - Ra3ium-227 (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-227	0c221		0.165	0.167	1.00	0.220	pCi/L	09/13/22 10:54	10/11/22 13:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3671*		*40 - 110*	*03/16/22 10954*	*10/11/22 16914*	*1*

Wet(c3: Sr h47 / 620 - Ra3ium-22h (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-22h	0c9MM		0.376	0.382	1.00	0.519	pCi/L	09/13/22 11:14	10/10/22 12:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3671*		*40 - 110*	*03/16/22 11914*	*10/10/22 12962*	*1*
Y Carrier	*. 575*		*40 - 110*	*03/16/22 11914*	*10/10/22 12962*	*1*

Wet(c3: 8y L-S8L Ra227_Ra22h - Ccmbine3 Ra3ium-227 an3 Ra3ium-22h

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ccmbine3 Ra3ium 227 z 22h	0c67		0.411	0.417	5.00	0.519	pCi/L		10/13/22 16:15	1

Client Sample ID: Wr -609
Date Cclledte3: 0/ 5 0h522 M2:49
Date Redeive3: 0/ 5 0h522 M7:6h

Lab Sample ID: 400-221779-7
Watxio: r atex

Wet(c3: Sr h47 / 6M1 - Ra3ium-227 (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-227	0c276		0.159	0.161	1.00	0.207	pCi/L	09/13/22 10:54	10/11/22 15:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*40 - 110*	*03/16/22 10954*	*10/11/22 15960*	*1*

Wet(c3: Sr h47 / 620 - Ra3ium-22h (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-22h	M00/		0.384	0.397	1.00	0.459	pCi/L	09/13/22 11:14	10/10/22 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*40 - 110*	*03/16/22 11914*	*10/10/22 12966*	*1*
Y Carrier	*807.*		*40 - 110*	*03/16/22 11914*	*10/10/22 12966*	*1*

Wet(c3: 8y L-S8L Ra227_Ra22h - Ccmbine3 Ra3ium-227 an3 Ra3ium-22h

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A)	8ctal Qndextσ (2+z5A)	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ccmbine3 Ra3ium 227 z 22h	M667		0.416	0.428	5.00	0.459	pCi/L		10/13/22 16:15	1

Client Sample ID: DQ) -0M

Date Cclledte3: 0/ 5095 22 0/ :MM
Date Redeive3: 0/ 50h522 M7:6h

Lab Sample ID: 400-221779-9

Watxio: r atex

Wet(c3: Sr h47 / 6M1 - Ra3ium-227 (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A	8ctal Qndextσ (2+z5A	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-227	0c2/ 0		0.168	0.170	1.00	0.197	pCi/L	09/13/22 10:54	10/11/22 15:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*104*		*40 - 110*	*03/16/22 10954*	*10/11/22 15961*	*1*

Wet(c3: Sr h47 / 620 - Ra3ium-22h (F P) CA

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A	8ctal Qndextσ (2+z5A	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ra3ium-22h	M009		0.386	0.398	1.00	0.491	pCi/L	09/13/22 11:14	10/10/22 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*104*		*40 - 110*	*03/16/22 11914*	*10/10/22 12966*	*1*
Y Carrier	*8: 7.*		*40 - 110*	*03/16/22 11914*	*10/10/22 12966*	*1*

Wet(c3: 8y L-S8L Ra227_Ra22h - Ccmbine3 Ra3ium-227 an3 Ra3ium-22h

y nal. te	Result	f ualiTiex	Ccunt Qndextσ (2+z5A	8ctal Qndextσ (2+z5A	RL	WDC	Qnit	) xepaxe3	y nal. Ue3	Dil Pad
Ccmbine3 Ra3ium 227 z 22h	M067		0.421	0.433	5.00	0.491	pCi/L		10/13/22 16:15	1

Client Sample ID: BE-0M

Date Collected: 10/05/22 12:02
Date Received: 10/05/22 17:16

Lab Sample ID: 400-221779-h

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncertainty (2σ+/-)	Total Uncertainty (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0121	U	0.105	0.105	1.00	0.212	pCi/L	09/13/22 10:54	10/11/22 15:38	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	106		40 - 110	03/16/22 10954	10/11/22 15958	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncertainty (2σ+/-)	Total Uncertainty (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0806	U	0.350	0.350	1.00	0.621	pCi/L	09/13/22 11:14	10/10/22 12:33	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	106		40 - 110	03/16/22 11914	10/10/22 12956	1
Y Carrier	807		40 - 110	03/16/22 11914	10/10/22 12956	1

Method: Calculation - Combine Ra227_Ra228 and Ra228

Analyte	Result	Qualifier	Count Uncertainty (2σ+/-)	Total Uncertainty (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0927	U	0.365	0.365	5.00	0.621	pCi/L		10/13/22 16:15	1

Client Sample ID: PE-0M

Date Collected: 10/05/22 12:10
Date Received: 10/05/22 17:06

Lab Sample ID: 400-221779-1

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00296	U	0.0879	0.0879	1.00	0.191	pCi/L	09/13/22 10:54	10/11/22 15:38	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	104		40 - 110	03/16/22 10:54	10/11/22 15:38	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.236	U	0.299	0.300	1.00	0.497	pCi/L	09/13/22 11:14	10/10/22 12:33	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	104		40 - 110	03/16/22 11:14	10/10/22 12:56	1
Y Carrier	88.7		40 - 110	03/16/22 11:14	10/10/22 12:56	1

Method: Total Radium Calculation - Combine Ra226 and Ra228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.233	U	0.312	0.313	5.00	0.497	pCi/L		10/13/22 16:15	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: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
SDG: Background A

Client Sample ID: MW-100
Date Collecte3: 0/ 5 0x544 10:11
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-1
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			582040	TJ	EET SL	09/14/22 10:39
Total/NA	Analysis	9315		1	584889	FLC	EET SL	10/06/22 16:24
Total/NA	Prep	PrecSep_0			582045	TJ	EET SL	09/14/22 11:17
Total/NA	Analysis	9320		1	584889	FLC	EET SL	10/06/22 12:48
Total/NA	Analysis	Ra226_Ra228		1	585035	EMH	EET SL	10/07/22 14:38

Client Sample ID: MW-101
Date Collecte3: 0/ 5 0x544 11:70
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-4
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585419	FLC	EET SL	10/11/22 13:13
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585375	SCB	EET SL	10/10/22 12:31
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

Client Sample ID: MW-10x
Date Collecte3: 0/ 5 0x544 12:14
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-y
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585419	FLC	EET SL	10/11/22 13:13
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585375	SCB	EET SL	10/10/22 12:32
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

Client Sample ID: MW-10T
Date Collecte3: 0/ 5 0T544 0T:1x
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-2
Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 13:14
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585375	SCB	EET SL	10/10/22 12:32
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
SDG: Background A

Client Sample ID: MW-y09

Date Collecte3: 0/ 5 0T544 10:1y
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-7

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 13:14
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585375	SCB	EET SL	10/10/22 12:32
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

Client Sample ID: MW-y0x

Date Collecte3: 0/ 5 0T544 14:2x
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-9

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 15:30
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585373	SCB	EET SL	10/10/22 12:33
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

Client Sample ID: DUs-01

Date Collecte3: 0/ 5 0x544 0/ :11
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-x

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 15:31
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585373	SCB	EET SL	10/10/22 12:33
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

Client Sample ID: EA-01

Date Collecte3: 0/ 5 0T544 14:04
Date Receive3: 0/ 5 0T544 19:yT

Lab Sample ID: 200-44799x-T

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6 Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585419	FLC	EET SL	10/11/22 15:38
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585373	SCB	EET SL	10/10/22 12:33
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
SDG: Background A

Client Sample ID: 8A-01

Date Collecte3: 0/ 5 0T54 14 14:7T
Date Receive3: 0/ 5 0T54 14 19:yT

Lab Sample ID: 200-44799x-/

Matrid: Water

srep BPpe	Aatch BPpe	Aatch Metho3	RNn	DilNtion 8actor	Aatch 6Nmber	unalPzt	Lab	srepare3 or unalPFe3
Total/NA	Prep	PrecSep-21			581883	TJ	EET SL	09/13/22 10:54
Total/NA	Analysis	9315		1	585419	FLC	EET SL	10/11/22 15:38
Total/NA	Prep	PrecSep_0			581888	TJ	EET SL	09/13/22 11:14
Total/NA	Analysis	9320		1	585373	SCB	EET SL	10/10/22 12:33
Total/NA	Analysis	Ra226_Ra228		1	585880	CLP	EET SL	10/13/22 16:15

LaboratorP Referencez:
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Association Summary

Client: Glouif P wor eu Pnf mipat
wuo/edtRy ite: CCE Sj IWClePn MneupT Centeu

Job ID: 400-221779-2
y DS: g PdBpuoj nf c

Rad

Prep Batch: 581883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-221779-2	5 N -303	6otPIR8 c	N Pteu	wuedy eA-23	
400-221779-F	5 N -309	6otPIR8 c	N Pteu	wuedy eA-23	
400-221779-4	5 N -30U	6otPIR8 c	N Pteu	wuedy eA-23	
400-221779-1	5 N -F07	6otPIR8 c	N Pteu	wuedy eA-23	
400-221779-7	5 N -F09	6otPIR8 c	N Pteu	wuedy eA-23	
400-221779-9	Dh w-03	6otPIR8 c	N Pteu	wuedy eA-23	
400-221779-U	Mg -03	6otPIR8 c	N Pteu	wuedy eA-23	
400-221779-k	Gg -03	6otPIR8 c	N Pteu	wuedy eA-23	
5 g 370-1U3UUFR3-c	5 etaof g lPnB	6otPIR8 c	N Pteu	wuedy eA-23	
mCy 370-1U3UUFR2-c	mPb Contuol y PL Ale	6otPIR8 c	N Pteu	wuedy eA-23	
mCy D 370-1U3UUFRF-c	mPb Contuol y PL Ale Dj A	6otPIR8 c	N Pteu	wuedy eA-23	

Prep Batch: 581888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-221779-2	5 N -303	6otPIR8 c	N Pteu	wuedy eA_0	
400-221779-F	5 N -309	6otPIR8 c	N Pteu	wuedy eA_0	
400-221779-4	5 N -30U	6otPIR8 c	N Pteu	wuedy eA_0	
400-221779-1	5 N -F07	6otPIR8 c	N Pteu	wuedy eA_0	
400-221779-7	5 N -F09	6otPIR8 c	N Pteu	wuedy eA_0	
400-221779-9	Dh w-03	6otPIR8 c	N Pteu	wuedy eA_0	
400-221779-U	Mg -03	6otPIR8 c	N Pteu	wuedy eA_0	
400-221779-k	Gg -03	6otPIR8 c	N Pteu	wuedy eA_0	
5 g 370-1U3UUUR3-c	5 etaof g lPnB	6otPIR8 c	N Pteu	wuedy eA_0	
mCy 370-1U3UUUR2-c	mPb Contuol y PL Ale	6otPIR8 c	N Pteu	wuedy eA_0	
mCy D 370-1U3UUURF-c	mPb Contuol y PL Ale Dj A	6otPIR8 c	N Pteu	wuedy eA_0	

Prep Batch: 582040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-221779-3	5 N -300	6otPIR8 c	N Pteu	wuedy eA-23	
5 g 370-1U2040R3-c	5 etaof g lPnB	6otPIR8 c	N Pteu	wuedy eA-23	
mCy 370-1U2040R2-c	mPb Contuol y PL Ale	6otPIR8 c	N Pteu	wuedy eA-23	
2U0-3772U4-c -2-g Dh	Dj AlidPte	6otPIR8 c	N Pteu	wuedy eA-23	

Prep Batch: 582045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-221779-3	5 N -300	6otPIR8 c	N Pteu	wuedy eA_0	
5 g 370-1U2041R3-c	5 etaof g lPnB	6otPIR8 c	N Pteu	wuedy eA_0	
mCy 370-1U2041R2-c	mPb Contuol y PL Ale	6otPIR8 c	N Pteu	wuedy eA_0	
2U0-3772U4-c -2-D Dh	Dj AlidPte	6otPIR8 c	N Pteu	wuedy eA_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-571773[illegible]/
Matrix: Solid
Analysis Batch: 575c19

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571773

Analyte	MB Result	MB Qualifier	Count Uncertainty (2 sigma)	Total Uncertainty (2 sigma)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1326	U	0.139	0.140	1.00	0.219	pCi/L	09/13/22 10:54	10/11/22 09:41	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	378[illegible]		40 - 110	03/12/99 106[illegible]4	10/11/99 036[illegible]1	1

Lab Sample ID: LCS 160-571773[illegible]/
Matrix: Solid
Analysis Batch: 575c19

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571773

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncertainty (2 sigma)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	9.057		1.14	1.00	0.289	pCi/L	80	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	378[illegible]		40 - 110

Lab Sample ID: LCSD 160-571773[illegible]/
Matrix: Solid
Analysis Batch: 575c19

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 571773

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncertainty (2 sigma)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Radium-226			11.3	9.688		1.21	1.00	0.330	pCi/L	85	75 - 125	0.27	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	101		40 - 110

Lab Sample ID: MB 160-5720c08[illegible]/
Matrix: Solid
Analysis Batch: 57c779

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5720c0

Analyte	MB Result	MB Qualifier	Count Uncertainty (2 sigma)	Total Uncertainty (2 sigma)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2027	U	0.206	0.207	1.00	0.323	pCi/L	09/14/22 10:39	10/06/22 15:37	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	328[illegible]		40 - 110	03/14/99 106[illegible]3	10/07/99 1:[illegible]2.	1

Lab Sample ID: LCS 160-5720c08[illegible]/
Matrix: Solid
Analysis Batch: 57c790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5720c0

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncertainty (2 sigma)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	9.529		1.27	1.00	0.378	pCi/L	84	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-5720c082-/
MatAir: x ateA
/ nalTsis BatNh: 57c790

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 5720c0

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	109		40 - 110

Lab Sample ID: 270-16627c-/ -2-B Dz
MatAir: x ateA
/ nalTsis BatNh: 57c790

Client Sample ID: DupliNate
PAep WTpe: Wotal8y /
PAep BatNh: 5720c0

/ nalTte	Sample Result	Sample Qual		Dz Result	Dz Qual	Wotal z nNeAf (24σ8)	RL	MDC	z nit			R%R	R%R Limit
Radium-226	3.45			3.361		0.723	1.00	0.372	pCi/L			0.06	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	3. 85		40 - 110

Method: 9320 - Radium-227 (GFPC)

Lab Sample ID: MB 160-57177781-/
MatAir: x ateA
/ nalTsis BatNh: 5753E5

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 571777

/ nalTte	MB Result	MB QualiUeA	Count z nNeAf (24σ8)	Wotal z nNeAf (24σ8)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
Radium-228	0.3782	U	0.327	0.329	1.00	0.515	pCi/L	09/13/22 11:14	10/10/22 12:31	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	3780		40 - 110	03/12/99 11614	10/10/99 19621	1
Y Carrier	5: 87		40 - 110	03/12/99 11614	10/10/99 19621	1

Lab Sample ID: LCS 160-5717778 2-/
MatAir: x ateA
/ nalTsis BatNh: 5753E5

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 571777

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAf (24σ8)	RL	MDC	z nit	. ReN	. ReN Limits		
Radium-228			8.21	8.153		1.14	1.00	0.509	pCi/L	99	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	3780		40 - 110
Y Carrier	5784		40 - 110

Lab Sample ID: LCSD 160-5717778 3-/
MatAir: x ateA
/ nalTsis BatNh: 5753E5

Client Sample ID: Lab ContAol Sample Dup
PAep WTpe: Wotal8y /
PAep BatNh: 571777

/ nalTte			Spike / dded	LCSD Result	LCSD Qual	Wotal z nNeAf (24σ8)	RL	MDC	z nit	. ReN	. ReN Limits	R%R	R%R Limit
Radium-228			8.21	10.47		1.35	1.00	0.458	pCi/L	128	75 - 125	0.93	1

Method: 9320 - Radium-227 (GFPC) (Continued)

Lab Sample ID: LCSD 160-571777[illegible]8-/
MatAr: x ateA
/ nalTsis BatNh: 5753E5

Client Sample ID: Lab ContAol Sample Dup
PAep WTpe: Wotal8y /
PAep BatNh: 571777

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	101		40 - 110
Y Carrier	548[illegible]		40 - 110

Lab Sample ID: MB 160-5720c58[illegible]-/
MatAr: x ateA
/ nalTsis BatNh: 57c790

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 5720c5

/ nalTte	MB Result	MB QualiUeA	Count z nNeAtf (24 c8)	Wotal z nNeAtf (24 c8)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
Radium-228	0.7606		0.370	0.377	1.00	0.517	pCi/L	09/14/22 11:16	10/06/22 12:45	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	328[illegible]		40 - 110	03/14/99 116[illegible]7	10/07/99 196[illegible]:	1
Y Carrier	398		40 - 110	03/14/99 116[illegible]7	10/07/99 196[illegible]:	1

Lab Sample ID: LCS 160-5720c58[illegible]-/
MatAr: x ateA
/ nalTsis BatNh: 57c790

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 5720c5

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAtf (24 c8)	RL	MDC	z nit	. ReN	. ReN Limits		
Radium-228			8.22	8.028		1.08	1.00	0.427	pCi/L	98	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	109		40 - 110
Y Carrier	398		40 - 110

Lab Sample ID: 270-16627c-/ -2-D Dz
MatAr: x ateA
/ nalTsis BatNh: 57c790

Client Sample ID: DupliNate
PAep WTpe: Wotal8y /
PAep BatNh: 5720c5

/ nalTte	Sample Result	Sample Qual		Dz Result	Dz Qual	Wotal z nNeAtf (24 c8)	RL	MDC	z nit			R%R	R%R Limit
Radium-228	4.71			6.651		1.07	1.00	0.628	pCi/L			1.00	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	3. [illegible]5		40 - 110
Y Carrier	308[illegible]5		40 - 110

Eurofins 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: Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113838-23627.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Florida Power and Light	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 #: 2000403482			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Background A	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-100	9-7-22	1011	G	Water	N		X	X	X	X	X	X	4	
MW-101	9-7-22	1150	G	Water			X	X	X	X	X	X	4	
MW-107	9-7-22	1412	G	Water			X	X	X	X	X	X	4	
MW-108	9-8-22	0817	G	Water			X	X	X	X	X	X	4	
MW-306	9-8-22	1013	G	Water			X	X	X	X	X	X	4	
MW-307	9-8-22	1247	G	Water			X	X	X	X	X	X	4	
DUP-01	9-7-22	0911	G	Water			X	X		X	X	X	4	
EB-01	9-8-22	1202	G	Water			X	X		X	X	X	4	
FB-01	9-8-22	1258	G	Water			X	X		X	X	X	4	

400-225667 COC

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9-8-22 1638	RAH ENV.	MD	9/8/22 1638	~~EERS~~
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: 0.1, 0.3, IR8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225667-2
1SD Number: GaBcground k

Login Number: 225667
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins Pensacola

Question	Answer	Comment
/ adioaBtiRtv waynst BheBced or iy ' A< baBcground ay meayured bv a yurRev meter=	NAk	
. he Boolersy Buytodv yealTi, f reyentTiy intaBt=	NAk	
1amf le Buytodv yealyTi, f reyentTare intaBt=	NAk	
. he Booler or yamf ley do not af f ear to haRe been Bomf romiyed or tamf ered with=	. rue	
1amf ley were reBeiRed on iBe=	. rue	
Cooler . emf erature iy aBBef table=	. rue	
Cooler . emf erature iy reBorded=	. rue	0=pT0=3°C I/ 8
COC iy f reyent=	. rue	
COC iy ,illed out in inc and legible=	. rue	
COC iy ,illed out with all f ertinent in,ormation=	. rue	
Iy the Field 1amf lersy name f reyent on COC?	. rue	
. here are no diyBref anBiey between the Bontainery reBeiRed and the COC=	. rue	
1amf ley are reBeiRed within Holding . ime (exBluding teyty with immediate H. y)	. rue	
1amf le Bontainery haRe legible labely=	. rue	
Containery are not brocen or leacing=	. rue	
1amf le BolleBtion dateAimey are f roRded=	. rue	
k f f rof riate yamf le Bontainery are uyed=	. rue	
1amf le bottley are Bomf letelv ,illed=	. rue	
1amf le PreyerRation Veri,ied=	. rue	
. here iy yu,,iBient Rol=,or all requeyted analvyeyTinBl=anv requeyted M1AM1Sy	. rue	
Containery requiring zero headyf aBe haRe no headyf aBe or bubble iy ' 6mm (pA4")=	. rue	
Multif hayiB yamf ley are not f reyent=	. rue	
1amf ley do not require yf litting or Bomf oyiting=	. rue	
/ eyidual Chlorine CheBced=	NAk	

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225667-2
1SD Number: GaBcground k

Login Number: 225667
List Number: 2
Creator: Bohlmann, Jessica M

List Source: Eurofins St. Louis
List Creation: 09/12/22 12:55 PM

Question	Answer	Comment
/ adioaBtiRtv waynst BheBced or iy ' A< baBcground ay meayured bv a yurRev meter=	. rue	
. he Boolersy Buytodv yealTi, f reyentTiy intaBt=	. rue	
1amf le Buytodv yealyTi, f reyentTare intaBt=	. rue	
. he Booler or yamf ley do not af f ear to haRe been Bomf romiyed or tamf ered with=	. rue	
1amf ley were reBeiRed on iBe=	NAk	
Cooler . emf erature iy aBBef table=	. rue	
Cooler . emf erature iy reBorded=	. rue	
COC iy f reyent=	. rue	
COC iy ,illed out in inc and legible=	. rue	
COC iy ,illed out with all f ertinent in,ormation=	. rue	
Iy the Field 1amf lersy name f reyent on COC?	. rue	
. here are no diyBref anBiey between the Bontainery reBeiRed and the COC=	. rue	
1amf ley are reBeiRed within Holding . ime (exBluding teyty with immediate H. y)	. rue	
1amf le Bontainery haRe legible labely=	. rue	
Containery are not brocen or leacing=	. rue	
1amf le BolleBtion dateAimey are f roRded=	. rue	
k f f rof riate yamf le Bontainery are uyed=	. rue	
1amf le bottley are Bomf letelv ,illed=	. rue	
1amf le PreyerRation Veri,ied=	. rue	
. here iy yu,,iBient Rol=,or all requeyted analvyeyTinBl=anv requeyted M1AM1Sy	. rue	
Containery requiring zero headyf aBe haRe no headyf aBe or bubble iy ' 6mm (pA4")=	. rue	
Multif hayiB yamf ley are not f reyent=	. rue	
1amf ley do not require yf litting or Bomf oyiting=	. rue	
/ eyidual Chlorine CheBced=	NAk	

Accreditation/Certification Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
SDG: Background A

Laboratory: Eurofins 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	05-06-25
ANAB	Dept. of Defense ELAP	L2305	04-06-25
ANAB	Dept. of Energy	L2305.01	04-06-25
ANAB	ISO/IEC 17025	L2305	04-06-25
Arizona	State	AZ0813	12-08-22
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	07-01-22 *
Connecticut	State	PH-0241	03-31-23
Florida	NELAP	E87689	06-30-23
HI - RadChem Recognition	State	n/a	06-30-23
Illinois	NELAP	200023	11-30-23
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-22
Kentucky (DW)	State	KY90125	12-31-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-22
Louisiana (All)	NELAP	04080	06-30-23
Louisiana (DW)	State	LA011	12-31-22
Maryland	State	310	09-30-23
MI - RadChem Recognition	State	9005	06-30-23
Missouri	State	780	06-30-25
Nevada	State	MO000542020-1	07-31-23
New Jersey	NELAP	MO002	06-30-23
New York	NELAP	11616	04-01-23
North Dakota	State	R-207	06-30-23
NRC	NRC	24-24817-01	12-31-22
Oklahoma	NELAP	9997	08-31-23
Oregon	NELAP	4157	09-01-23
Pennsylvania	NELAP	68-00540	02-28-23
South Carolina	State	85002001	06-30-22 *
Texas	NELAP	T104704193	07-31-23
US Fish & Wildlife	US Federal Programs	058448	07-31-23
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542021-14	07-31-23
Virginia	NELAP	10310	06-14-23
Washington	State	C592	08-30-23
West Virginia DEP	State	381	10-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 400-225722-1
Laboratory Sample Delivery Group: Background B
Client Project/Site: CCR Gulf Clean Energy Center

For:
Florida Power and Light
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Cheyenne Whitmire

Authorized for release by:
10/18/2022 4:39:02 PM

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

LINKS

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

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

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

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Job ID: 400-225722-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225722-1

Comments
Due to supply chain issues, Fluoride had to be run by method 300 instead of 4500. This may cause a deviation from the historic results.

Receipt
The samples were received on 9/9/2022 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.2º C and 5.5º C.

HPLC/IC
Method 300.0: The matrix spike duplicate (MSD) recoveries for analytical batch 400-592382 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300.0: The continuing calibration verification (CCV) associated with batch 400-592382 recovered above the upper control limit for Fluoride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 300.0: The following sample was diluted due to the abundance of non-target analytes: MW-104 (400-225722-3). Elevated reporting limits (RLs) are provided.

Metals
Method 6020: The continuing calibration blank (CCB) for analytical batch 400-592944 contained Calcium above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6020: The ICV for batch 400-593289 passed recovery/accuracy criteria which serves the ICV purpose of verifying the calibration standards. The replicate RPDs 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.

General Chemistry
Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-104 (400-225722-3) and MW-110 (400-225722-7). Elevated reporting limits (RLs) are provided.

Method SM 4500 Cl- E: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-104 (400-225722-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

8 Cl en t CoCuf Powi Gf eu r lmpn
PCoig Bmdalni : 8 8 A y kCj8 Cf e / ei GmR8 i eni G

Job ID: 400-221722-3
aDy : Sf BcmGokeu S

Client Sample ID: MW-102 — Lab Sample ID: 400-225722-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sf GkE	0.0T0		0.0021	0.00070	E mdt	1		v020	5orf C Ai BoLi GbC
SoGoe	0.3T		0.010	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
8 f GlkE	32		0.21	0.3T	E mdt	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.0044		0.003T	0.00092	E mdt	1		v020	5orf C Ai BoLi GbC
5orf CDl66oCi u aoCu6	v2		1.0	1.0	E mdt	3		aM 21408	5orf CVh
8 pCoGui	33		2.0	3.4	E mdt	3		aM 4100 8 C/	5orf CVh
akCf ni	27		1.0	3.4	E mdt	3		aM 4100 as 4 /	5orf CVh
t li Cu NF	4.Uv				aH	3		t li Cu af E NCem	5orf CVh

Client Sample ID: MW-103 — Lab Sample ID: 400-225722-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sf GkE	0.039		0.0021	0.00070	E mdt	1		v020	5orf C Ai BoLi GbC
SoGoe	0.22		0.010	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
8 f GlkE	T.T		0.21	0.3T	E mdt	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.0032	I	0.003T	0.00092	E mdt	1		v020	5orf C Ai BoLi GbC
5orf CDl66oCi u aoCu6	49		1.0	1.0	E mdt	3		aM 21408	5orf CVh
8 pCoGui	v.U		2.0	3.4	E mdt	3		aM 4100 8 C/	5orf CVh
akCf ni	20		1.0	3.4	E mdt	3		aM 4100 as 4 /	5orf CVh
t li Cu NF	1.3U				aH	3		t li Cu af E NCem	5orf CVh

Client Sample ID: MW-104 — Lab Sample ID: 400-225722-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
h GiielB	0.030		0.003T	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
Sf GkE	0.0T1		0.0021	0.00070	E mdt	1		v020	5orf C Ai BoLi GbC
SoGoe	34		0.010	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
8 f GlkE	330		0.21	0.3T	E mdt	1		v020	5orf C Ai BoLi GbC
8 obf Cn	0.0T2		0.0021	0.0001v	E mdt	1		v020	5orf C Ai BoLi GbC
r i f u	0.0023		0.003T	0.00093	E mdt	1		v020	5orf C Ai BoLi GbC
r lmplkE	0.031		0.0010	0.004U	E mdt	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.020		0.003T	0.00092	E mdt	1		v020	5orf C Ai BoLi GbC
5pf CkE	0.00013		0.00010	0.0004v	E mdt	1		v020	5orf C Ai BoLi GbC
Mi GkGR	0.00092		0.00020	0.00031	E mdt	3		7470h	5orf CVh
5orf CDl66oCi u aoCu6	3400		30	30	E mdt	3		aM 21408	5orf CVh
8 pCoGui	340		20	34	E mdt	30		aM 4100 8 C/	5orf CVh
akCf ni	970		3T0	T1	E mdt	21		aM 4100 as 4 /	5orf CVh
t li Cu NF	4.09				aH	3		t li Cu af E NCem	5orf CVh

5pl6 Di ni Bmoe akE E f GRuoi 6 eonleBCui GuloBpi E lBf Cni 6nG 6k06.

/ kGojle6 Pi e6f BoC

Detection Summary

8 Cl en t CoCuf Powi Gf eu r lmpn
PCoig Bmd lni : 8 8 A y kCj 8 Cf e / ei GmR 8 i eni G

Job ID: 400-221722-3
a Dy : Sf Bcm Gokeu S

Client Sample ID: MW-105 — Lab Sample ID: 400-225722-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
h Gi elB	0.0049		0.003T	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
Sf GkE	0.024		0.0021	0.00070	E mdt	1		v020	5orf C Ai BoLi GbC
SoGoe	0.10		0.010	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
8 f GlkE	17		0.21	0.3T	E mdt	1		v020	5orf C Ai BoLi GbC
8 pGoE lkE	0.0020	I	0.0021	0.0030	E mdt	1		v020	5orf C Ai BoLi GbC
MoGRbui ekE	0.0044	I	0.031	0.003T	E mdt	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.0034		0.003T	0.00092	E mdt	1		v020	5orf C Ai BoLi GbC
5orf CDl66oCi u aoCu6	200		1.0	1.0	E mdt	3		aM 21408	5orf CdVh
8 pCoGui	v.2		2.0	3.4	E mdt	3		aM 4100 8 G/	5orf CdVh
akCjf ni	37		1.0	3.4	E mdt	3		aM 4100 as 4 /	5orf CdVh
t li Cu NF	v.47				aH	3		t li Cu af E NCem	5orf CdVh

Client Sample ID: MW-106 — Lab Sample ID: 400-225722-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sf GkE	0.032		0.0021	0.00070	E mdt	1		v020	5orf C Ai BoLi GbC
SoGoe	0.0U7		0.010	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
8 f GlkE	3.v		0.21	0.3T	E mdt	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.003v		0.003T	0.00092	E mdt	1		v020	5orf C Ai BoLi GbC
5orf CDl66oCi u aoCu6	39		1.0	1.0	E mdt	3		aM 21408	5orf CdVh
8 pCoGui	T.T		2.0	3.4	E mdt	3		aM 4100 8 G/	5orf CdVh
t li Cu NF	1.00				aH	3		t li Cu af E NCem	5orf CdVh

Client Sample ID: MW-109 — Lab Sample ID: 400-225722-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sf GkE	0.037		0.0021	0.00070	E mdt	1		v020	5orf C Ai BoLi GbC
SoGoe	0.41		0.010	0.0032	E mdt	1		v020	5orf C Ai BoLi GbC
8 f GlkE	v.0		0.21	0.3T	E mdt	1		v020	5orf C Ai BoLi GbC
8 obf Cu	0.0077		0.0021	0.0001v	E mdt	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.0020		0.003T	0.00092	E mdt	1		v020	5orf C Ai BoLi GbC
Mi GkGR	0.00043		0.00020	0.00031	E mdt	3		7470h	5orf CdVh
5orf CDl66oCi u aoCu6	90		1.0	1.0	E mdt	3		aM 21408	5orf CdVh
8 pCoGui	37		2.0	3.4	E mdt	3		aM 4100 8 G/	5orf CdVh
akCjf ni	T4		1.0	3.4	E mdt	3		aM 4100 as 4 /	5orf CdVh
t li Cu NF	4.92				aH	3		t li Cu af E NCem	5orf CdVh

5pl6 Di ni Bnoe akE E f GRuoi 6 eonleBCui GuloBpi E lBf Cni 6nG 6k06.

/ kGojle6 Pi e6f BoC

Detection Summary

8 Cl en t CoCuf Powi Gf eu r lmpn
PCoig Bmdalni : 8 8 A y kCj 8 Cf e / ei GmR 8 i eni G

Job ID: 400-221722-3
aDy : Sf BcmGokeu S

Client Sample ID: MW-110 — Lab Sample ID: 400-225722-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sf GkE	0.02T		0.0021	0.00070	E mdr	1		v020	5orf C Ai BoLi GbC
SoGoe	4.4		0.010	0.0032	E mdr	1		v020	5orf C Ai BoLi GbC
8 f GlkE	2v		0.21	0.3T	E mdr	1		v020	5orf C Ai BoLi GbC
8 obf Cn	0.03U		0.0021	0.0001v	E mdr	1		v020	5orf C Ai BoLi GbC
r lmplkE	0.00v0		0.0010	0.004U	E mdr	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.0041		0.003T	0.00092	E mdr	1		v020	5orf C Ai BoLi GbC
Mi GkGR	0.00Tv		0.00020	0.00031	E mdr	3		7470h	5orf CVh
5orf CDl66oCi u aoCu6	1v0		1.0	1.0	E mdr	3		aM 21408	5orf CVh
8 pCoGui	94		2.0	3.4	E mdr	3		aM 4100 8 C/	5orf CVh
akCjf ni	270		3T0	T1	E mdr	21		aM 4100 as 4 /	5orf CVh
t li Cu NF	4.v9				aH	3		t li Cu af E NCem	5orf CVh

Client Sample ID: DUP-03 — Lab Sample ID: 400-225722-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
h GiielB	0.0017		0.003T	0.0032	E mdr	1		v020	5orf C Ai BoLi GbC
Sf GkE	0.024		0.0021	0.00070	E mdr	1		v020	5orf C Ai BoLi GbC
SoGoe	0.T2		0.010	0.0032	E mdr	1		v020	5orf C Ai BoLi GbC
8 f GlkE	1v		0.21	0.3T	E mdr	1		v020	5orf C Ai BoLi GbC
8 pCoE lkE	0.003U	I	0.0021	0.0030	E mdr	1		v020	5orf C Ai BoLi GbC
MoGbui ekE	0.0043	I	0.031	0.003T	E mdr	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.0021		0.003T	0.00092	E mdr	1		v020	5orf C Ai BoLi GbC
5orf CDl66oCi u aoCu6	230		1.0	1.0	E mdr	3		aM 21408	5orf CVh
8 pCoGui	v.T		2.0	3.4	E mdr	3		aM 4100 8 C/	5orf CVh
akCjf ni	39		1.0	3.4	E mdr	3		aM 4100 as 4 /	5orf CVh
t li Cu NF	v.47				aH	3		t li Cu af E NCem	5orf CVh

Client Sample ID: DUP-02 — Lab Sample ID: 400-225722-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sf GkE	0.037		0.0021	0.00070	E mdr	1		v020	5orf C Ai BoLi GbC
SoGoe	0.4U		0.010	0.0032	E mdr	1		v020	5orf C Ai BoLi GbC
8 f GlkE	1.T		0.21	0.3T	E mdr	1		v020	5orf C Ai BoLi GbC
8 obf Cn	0.0079		0.0021	0.0001v	E mdr	1		v020	5orf C Ai BoLi GbC
ai CelkE	0.0034	O	0.003T	0.00092	E mdr	1		v020	5orf C Ai BoLi GbC
Mi GkGR	0.000TU		0.00020	0.00031	E mdr	3		7470h	5orf CVh
5orf CDl66oCi u aoCu6	99		1.0	1.0	E mdr	3		aM 21408	5orf CVh
8 pCoGui	37		2.0	3.4	E mdr	3		aM 4100 8 C/	5orf CVh

5pl6 Di ni Bmoe akE E f GRuoi 6 eonleBCui GuloBpi E lBf Cni 6nG 6kCi6.

/ kCojle6 Pi e6f BoC

Detection Summary

Client Sample ID: DUP-02 (Continued) Lab Sample ID: 400-225722-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
a k C f n i	T4		1.0	3.4	E m d	3		a M 4100 as 4 /	5 or f C V h
t li C u N F	4.92				a H	3		t li C u a f E N C em	5 or f C V h

5 pl 6 Di n i B n oe a k E E f C R u oi 6 e on le B C u i G u lo B pi E l B f C n i 6 n G 6 k C 6.

/ k C o j le 6 Pi e 6 f B o C

Method Summary

Method	Method Description	Protocol	Laboratory
W0030	yeloe. sloe 1 gFo, dnoLFdmgf	E1yMM	RRpaRT
8020	EindC (l1aAEh)	hMN48	RRpaRT
6460y	EiFBkFf (1Vyy)	hMN48	RRpaRT
hE 25401	hoCr. spondCDl. . oCvir (pDh)	hE	RRpaRT
hE 4500 1C-R	1gCoFrispondC	hE	RRpaRT
hE 4500 hO4 R	hkCdnispondC	hE	RRpaRT
tliCrhd, mCeL	tliCrhd, mCeL	Ray	RRpaRT
W005y	aFimdFdnloespondCj iBoviFdbC oFDl. . oCvir EindC	hMN48	RRpaRT
6460y	aFimdFdnloesEiFBkFf	hMN48	RRpaRT

Protocol References:

Ray = Uh RevlFoe, iendCaFoniBnloeyLieBf

E1yMM = "Eingor. toF1gi, lBdCyedCl. l. O/MdniFyer Md.ni."sRay-800A4-69-020sEdFBg79NWyer hkb.iqkienjivl.loe.3

hE = "hnderdFr Eingor. toFpgi Rxd, ledrloe O/MdniFyer Md.niPdniF"

hMN48 = "pi.nEingor. toFRvdCkdnleL hoCr Md.nisagf.lBdCAgi, lBdCEingor."spglFr RrlnloesTovi, biF79N8yer In Umrdni.3

Laboratory References:

RRpaRT = RkFo/le. aie.dBoCdsWW55EBwi, oFi DFivisaie.dBoCdstwW2574spRw(N50)464-7007

Sample Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225722-1
SDG: Background B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225722-1	MW-102	Water	09/09/22 15:53	09/09/22 16:40
400-225722-2	MW-103	Water	09/09/22 11:34	09/09/22 16:40
400-225722-3	MW-104	Water	09/09/22 11:24	09/09/22 16:40
400-225722-4	MW-105	Water	09/09/22 13:05	09/09/22 16:40
400-225722-5	MW-106	Water	09/08/22 15:45	09/09/22 16:40
400-225722-6	MW-109	Water	09/08/22 15:56	09/09/22 16:40
400-225722-7	MW-110	Water	09/09/22 09:56	09/09/22 16:40
400-225722-8	DUP-03	Water	09/09/22 12:05	09/09/22 16:40
400-225722-9	DUP-02	Water	09/08/22 14:56	09/09/22 16:40

Client Sample Results

1 Client Cofrd aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: MW-102

Date Collected: 09/09/22 15:53
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-1

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 07:75	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3enl. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
3FBi elB	0E0072	y	0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
GdFlk.	0.030		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
GoFoe	0.13		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
1dr. lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
1dGlk.	12		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
1gFo. lk.	0E0070	y	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
1obdCn	0E00059	y	0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
wlnglk.	0E004U	y	0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
MoCbri ek.	0E007s	y	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
hi Celk.	0.0044		0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5
TgdCck.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:25	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0E00075	y	0E00020	0E00075	. LAw		0UA2mA22 77:s7	70A0sA22 0U:07	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	62		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1CR)	11		2E0	7E4	. LAw			0UA72A22 27:72	7
hkCdni (hM 4500 hO4 R)	27		5E0	7E4	. LAw			0UA72A22 07:s2	7

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	4.96				hy			0UA0UA22 75:5s	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Cl en t CoFr d aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC/1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: MW-103

Date Collected: 09/09/22 11:34
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-2

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 07:s9	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3eni. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
3F8i elB	0E0072	y	0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
GdFlk.	0.018		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
GoFoe	0.22		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
1dr . lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
1dGlk.	3.3		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
1gFo. lk.	0E0070	y	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
1obdCn	0E00059	y	0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
wlnglk.	0E004U	y	0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
MoCbri ek.	0E007s	y	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
hi Celk.	0.0012	I	0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5
TgdCck.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:2m	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0E00075	y	0E00020	0E00075	. LAw		0UA2mA22 77:s7	70A0sA22 0U:0s	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	48		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1CR)	6.9		2E0	7E4	. LAw			0UA72A22 27:7s	7
hkCdni (hM 4500 hO4 R)	20		5E0	7E4	. LAw			0UA72A22 07:ss	7

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	5.19				hy			0UA0UA22 77:s4	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Client Corrd aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: MW-104

Date Collected: 09/09/22 11:24
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-3

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	2Em	y	20	2Em	. LAw			0UA74A22 02:sU	20

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3enl. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
3FBi elB	0.010		0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
GdFlk.	0.035		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
GoFoe	14		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
1dr. lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
1dGlk.	110		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA20A22 74:50	5
1gFo. lk.	0E0070	y	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
1obdCn	0.032		0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
wi dr	0.0021		0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
wlnglk.	0.015		0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
MoCbri ek.	0E007s	y	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
hi Celk.	0.020		0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5
TgdCck.	0.00051		0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:s7	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0.00082		0E00020	0E00075	. LAw		0UA2mA22 77:s7	70A0sA22 0U:79	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	1400		70	70	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1C-R)	140		20	74	. LAw			0UA72A22 27:74	70
hkCdni (hM 4500 hO4 R)	870		7s0	s5	. LAw			0UA72A22 07:57	25

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	4.08				hy			0UA0UA22 77:24	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Cl en t CoFr d aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC/1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: MW-105

Date Collected: 09/09/22 13:05
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-4

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 0s:00	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3eni. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
3F8i elB	0.0048		0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
GdFlk.	0.024		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
GoFoe	0.50		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
1dr . lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
1dGlk.	57		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA20A22 74:5s	5
1gFo. lk.	0.0020	I	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
1obdCn	0E00059	y	0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
wlnglk.	0E004U	y	0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
MoCbri ek.	0.0044	I	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
hi Celk.	0.0014		0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5
TgdCck.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:s4	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0E00075	y	0E00020	0E00075	. LAw		0UA2mA22 77:s7	70A0sA22 0U:7U	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	200		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1CR)	6.2		2E0	7E4	. LAw			0UA72A22 27:74	7
hkCdni (hM 4500 hO4 R)	17		5E0	7E4	. LAw			0UA72A22 07:s4	7

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	6.47				hy			0UA0UA22 7s:05	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Cl en t CoFr d aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC/1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: MW-106

Date Collected: 09/08/22 15:45
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-5

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 0s:20	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3eni. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
3F8i elB	0E0072	y	0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
GdFlk.	0.012		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
GoFoe	0.097		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
1dr . lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
1dGlk.	1.6		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
1gFo. lk.	0E0070	y	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
1obdCn	0E00059	y	0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
wlnglk.	0E004U	y	0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
MoCbri ek.	0E007s	y	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
hi Celk.	0.0016		0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5
TgdCck.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:s6	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0E00075	y	0E00020	0E00075	. LAw		0UA2mA22 70:44	70A02A22 76:7s	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	18		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1C-R)	3.3		2E0	7E4	. LAw			0UA72A22 27:0U	7
hkCdni (hM 4500 hO4 R)	7E4	y	5E0	7E4	. LAw			0UA77A22 2s:2U	7

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	5.00				hy			0UA0mA22 75:45	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Cl en t CoFr d aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC/1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: MW-109

Date Collected: 09/08/22 15:56
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-6

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 07:s7	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3eni. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
3F8i elB	0E0072	y	0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
GdFk.	0.017		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
Gi FfCk.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
GoFoe	0.45		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
1dr . lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
1dGlk.	6.0		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
1gFo. lk.	0E0070	y	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
1obdCi	0.0077		0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
wlnglk.	0E004U	y	0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
MoCbri ek.	0E007s	y	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
hi Celk.	0.0020		0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5
TgdCk.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:40	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0.00041		0E00020	0E00075	. LAw		0UA2mA22 70:44	70A02A22 76:27	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	80		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1CR)	17		2E0	7E4	. LAw			0UA72A22 27:77	7
hkCdni (hM 4500 hO4 R)	34		5E0	7E4	. LAw			0UA77A22 2s:2U	7

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	4.82				hy			0UA0mA22 75:59	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Cl en t CoFr d aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC/1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: MW-110

Date Collected: 09/09/22 09:56
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-7

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 02:sU	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3eni. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
3F8i elB	0E0072	y	0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
GdFlk.	0.023		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
GoFoe	4.4		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
1dr . lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
1dGlk.	26		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
1gFo. lk.	0E0070	y	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
1obdCn	0.019		0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
wlnglk.	0.0060		0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
MoCbri ek.	0E007s	y	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
hi Celk.	0.0045		0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5
TgdCck.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:44	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0.0036		0E00020	0E00075	. LAw		0UA2mA22 77:s7	70A0sA22 0U:27	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	560		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1CR)	84		2E0	7E4	. LAw			0UA72A22 27:75	7
hkCdni (hM 4500 hO4 R)	270		7s0	s5	. LAw			0UA72A22 07:57	25

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	4.68				hy			0UA0UA22 0U:59	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Cl en t CoFr d aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC/1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: DUP-03

Date Collected: 09/09/22 12:05
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-8

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 0s:02	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3eni. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
3F8i elB	0.0057		0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
GdFlk.	0.024		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
GoFoe	0.32		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
1dr . lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
1dGlk.	56		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA20A22 74:59	5
1gFo. lk.	0.0019	I	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
1obdCn	0E00059	y	0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
wlnglk.	0E004U	y	0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
MoCbri ek.	0.0041	I	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
hi Celk.	0.0025		0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5
TgdCck.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 27:46	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0E00075	y	0E00020	0E00075	. LAw		0UA2mA22 77:s7	70A0sA22 0U:2s	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	210		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCoFri (hM 4500 1CR)	6.3		2E0	7E4	. LAw			0UA72A22 27:75	7
hkCdni (hM 4500 hO4 R)	18		5E0	7E4	. LAw			0UA72A22 07:s5	7

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	6.47				hy			0UA0UA22 72:05	7

RkFo/le8 ai e8dBoCd

Client Sample Results

1 Client Corr d aoPi Fder wLgn
aFoui BnAlni : 1 1j SkC1 Cde Rei FLf 1 i eni F

Job ID: 400-225622-7
hDS: GdBcLFoker G

Client Sample ID: DUP-02

Date Collected: 09/08/22 14:56
Date Received: 09/09/22 16:40

Lab Sample ID: 400-225722-9

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t CoFri	0E74	y	7E0	0E74	. LAw			0UA74A22 0s:25	7

Method: SW846 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3enl. oef	0E0075	y	0E0025	0E0075	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
3FBi elB	0E0072	y	0E007s	0E0072	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
GdFlk.	0.017		0E0025	0E00060	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
Gi FfCck.	0E000U2	y	0E0025	0E000U2	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
GoFoe	0.49		0E050	0E0072	. LAw		0UA75A22 77:4m	0UA20A22 74:5U	5
1dr . lk.	0E00095	y	0E0025	0E00095	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
1dGlk.	5.3		0E25	0E7s	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
1gFo. lk.	0E0070	y	0E0025	0E0070	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
1obdCn	0.0078		0E0025	0E00059	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
wi dr	0E000m7	y	0E007s	0E000m7	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
wlnglk.	0E004U	y	0E0050	0E004U	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
MoCbri ek.	0E007s	y	0E075	0E007s	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
hi Celk.	0.0014	V	0E007s	0E000m2	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5
TgdCck.	0E00049	y	0E00050	0E00049	. LAw		0UA75A22 77:4m	0UA79A22 22:77	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mi FBkFf	0.00039		0E00020	0E00075	. LAw		0UA2mA22 70:44	70A02A22 76:24	7

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TondCDl88oCvi r hoCr 8 (hM 25401)	88		5E0	5E0	. LAw			0UA72A22 74:sm	7
1gCFri (hM 4500 1CR)	17		2E0	7E4	. LAw			0UA72A22 27:72	7
hkCdni (hM 4500 hO4 R)	34		5E0	7E4	. LAw			0UA77A22 2s:s0	7

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t li C pH	4.82				hy			0UA0mA22 74:59	7

RkFo/le8 ai e8dBoCd

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
Jv	Tstiq Ptef . Plj e3. Plj e q Ph not be Pddj uPte; y kiBe uedo. euh ouRwD oj tsif e oEduteuiP;
U	Inf idPtes taPt tae doq koj nf r Ps PnPlhzef Eoubj t not f etedtef ;

Metals

Qualifier	Qualifier Description
I	Vae uekoutef . Plj e is betr een tae lPbouPtouh q etaof f etedtion liq it Pnf tae lPbouPtouh kuPdtidPl ¤j PntitPtion liq it;
U	Inf idPtes taPt tae doq koj nf r Ps PnPlhzef Eoubj t not f etedtef ;
L	Inf idPtes taPt tae PnPlhte r Ps f etedtef Pt ouPbo. e tae q etaof f etedtion liq it in bota tae sPq kle Pnf tae PssodiPtef q etaof blPnB Pnf tae . Plj e oE90 tiq es tae blPnB. Plj e r Ps e¤j Pl to oupuePteutaPn tae PssodiPtef sPq kle . Plj e;

General Chemistry

Qualifier	Qualifier Description
I	Vae uekoutef . Plj e is betr een tae lPbouPtouh q etaof f etedtion liq it Pnf tae lPbouPtouh kuPdtidPl ¤j PntitPtion liq it;
U	Inf idPtes taPt tae doq koj nf r Ps PnPlhzef Eoubj t not f etedtef ;

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
"	mistef j nf eutae %D%dolj q n to f esipnPte taPt tae uesj lt is uekoutef on P f uh r eipat bPsis
F R	weudent Redo. euh
CGm	ContPins Guee mi¤j if
CGU	Colonh Gouq inp Unit
CNG	ContPins No Guee mi¤j if
DTR	Dj klidPte TuuouRPtio (nouq Plizef Pbsolj te f iEEeuende)
Dil GPd	Dilj tion GPdtou
Dm	Detedtion miq it (DoD/DOT)
Dm RA, RT, IN	Inf idPtes P Dilj tion, Re-PnPlhsis, Re-extuPdtion, ouPf f itionPl InitiPl q etPls/Pnion PnPlhsis oEtae sPq kle
DmC	Dedision me. el CondentuPtion (RPf iodaeq istuh)
TDm	Tstiq Ptef Detedtion miq it (Dioxin)
mOD	miq it oEDetedtion (DoD/DOT)
mOQ	miq it oEQj PntitPtion (DoD/DOT)
MCm	TwA uedoq q enf ef %MPxiq j q ContPq inPnt me. el%
MDA	Miniq j q DetedtPble Adti. ith (RPf iodaeq istuh)
MDC	Miniq j q DetedtPble CondentuPtion (RPf iodaeq istuh)
MDm	Metaof Detedtion miq it
Mm	Miniq j q me. el (Dioxin)
MwN	Most wuobPble Nj q beu
MQm	Metaof Qj PntitPtion miq it
NC	Not CPldj lPtef
ND	Not Detedtef Pt tae uekoutinp liq it (ouMDmouTDmiEsaor n)
NTS	NepPti. e / Absent
wOy	wositi. e / wuesent
wQm	wuPdtidPl Qj PntitPtion miq it
wRTy	wuesj q kti. e
QC	Qj Plith Contuol
RTR	RelPti. e TuuouRPtio (RPf iodaeq istuh)
Rm	Rekoutinp miq it ouRe¤j estef miq it (RPf iodaeq istuh)
RwD	RelPti. e weudent DiEEeuende, P q ePsj ue oEtae uelPti. e f iEEeuende betr een tr o koints
VTG	Voxidith T¤j i. Plent GPdtou(Dioxin)
VTQ	Voxidith T¤j i. Plent Qj otient (Dioxin)
VNVC	Voo Nj q euoj s Vo Coj nt

Client Sample ID: MW-104
Date Collectex: 0d/0d/44 17:7R
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-1
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2s92	Jk/	f f T Pf N	0. c74c22 07:75
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:25
TotaldNk	Prep	6460k			5. 4225	Nf T	f f T Pf N	0. c29c22 77:s7 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c0sc22 0. :07
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:72
TotaldNk	knalEAiA	/ M 4500 / O4 f		7	5. 2727	DN7	f f T Pf N	0. c72c22 07:s2
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c0. c22 75:5s

Client Sample ID: MW-10R
Date Collectex: 0d/0d/44 11:R2
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-4
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2s92	Jk/	f f T Pf N	0. c74c22 07:sK
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:29
TotaldNk	Prep	6460k			5. 4225	Nf T	f f T Pf N	0. c29c22 77:s7 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c0sc22 0. :0s
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:7s
TotaldNk	knalEAiA	/ M 4500 / O4 f		7	5. 2727	DN7	f f T Pf N	0. c72c22 07:ss
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c0. c22 77:s4

Client Sample ID: MW-102
Date Collectex: 0d/0d/44 11:42
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-R
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		20	5. 2s92	Jk/	f f T Pf N	0. c74c22 02:s.
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:s7
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. s29.	NTH	f f T Pf N	0. c20c22 74:50
TotaldNk	Prep	6460k			5. 4225	Nf T	f f T Pf N	0. c29c22 77:s7 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c0sc22 0. :7K
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		70	5. 22K9	DN7	f f T Pf N	0. c72c22 27:74
TotaldNk	knalEAiA	/ M 4500 / O4 f		25	5. 2727	DN7	f f T Pf N	0. c72c22 07:57
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c0. c22 77:24

Client Sample ID: MW-107
Date Collectex: 0d/0d/44 1R:07
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-2
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2s92	Jk/	f f T Pf N	0. c74c22 0s:00
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:s4
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. s29.	NTH	f f T Pf N	0. c20c22 74:5s
TotaldNk	Prep	6460k			5. 4225	Nf T	f f T Pf N	0. c29c22 77:s7 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c0sc22 0. :7.
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:74
TotaldNk	knalEAiA	/ M 4500 / O4 f		7	5. 2727	DN7	f f T Pf N	0. c72c22 07:s4
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c0. c22 7s:05

Client Sample ID: MW-10T
Date Collectex: 0d/09/44 17:27
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-7
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2s92	Jk/	f f T Pf N	0. c74c22 0s:20
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:s6
TotaldNk	Prep	6460k			5. 4205	Nf T	f f T Pf N	0. c29c22 70:44 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c02c22 76:7s
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:0.
TotaldNk	knalEAiA	/ M 4500 / O4 f		7	5. 277.	DN7	f f T Pf N	0. c77c22 2s:2.
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c09c22 75:45

Client Sample ID: MW-10d
Date Collectex: 0d/09/44 17:7T
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-T
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2409	Jk/	f f T Pf N	0. c74c22 07:s7
Total Sej o¹erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:40
TotaldNk	Prep	6460k			5. 4205	Nf T	f f T Pf N	0. c29c22 70:44 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c02c22 76:27
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:77
TotaldNk	knalEAiA	/ M 4500 / O4 f		7	5. 277.	DN7	f f T Pf N	0. c77c22 2s:2.
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c09c22 75:5K

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Client Sample ID: MW-110

Date Collectex: 0d/0d/44 0d:7T
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-3

Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2409	Jk/	f f T Pf N	0. c74c22 02:s.
Total Sej o¹ erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹ erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:44
TotaldNk	Prep	6460k			5. 4225	Nf T	f f T Pf N	0. c29c22 77:s7 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c0sc22 0. :27
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:75
TotaldNk	knalEAiA	/ M 4500 / O4 f		25	5. 2727	DN7	f f T Pf N	0. c72c22 07:57
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c0. c22 0. :5K

Client Sample ID: DUA-0R

Date Collectex: 0d/0d/44 14:07
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-9

Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2409	Jk/	f f T Pf N	0. c74c22 0s:02
Total Sej o¹ erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹ erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 27:46
Total Sej o¹ erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹ erable	knalEAiA	K020		5	5. s29.	NTH	f f T Pf N	0. c20c22 74:5K
TotaldNk	Prep	6460k			5. 4225	Nf T	f f T Pf N	0. c29c22 77:s7 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c0sc22 0. :2s
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:75
TotaldNk	knalEAiA	/ M 4500 / O4 f		7	5. 2727	DN7	f f T Pf N	0. c72c22 07:s5
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c0. c22 72:05

Client Sample ID: DUA-04

Date Collectex: 0d/09/44 12:7T
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-d

Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
TotaldNk	knalEAiA	s003)		7	5. 2409	Jk/	f f T Pf N	0. c74c22 0s:25
Total Sej o¹ erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹ erable	knalEAiA	K020		5	5. 2. 44	NTH	f f T Pf N	0. c7Kc22 22:77
Total Sej o¹ erable	Prep	s005k			5. 2K49	Ww N	f f T Pf N	0. c75c22 77:49 - 0. c75c22 75:40 8
Total Sej o¹ erable	knalEAiA	K020		5	5. s29.	NTH	f f T Pf N	0. c20c22 74:5.
TotaldNk	Prep	6460k			5. 4205	Nf T	f f T Pf N	0. c29c22 70:44 - 0. c29c22 75:s7 8
TotaldNk	knalEAiA	6460k		7	5. 4972	Nf T	f f T Pf N	70c02c22 76:24
TotaldNk	knalEAiA	/ M 2540C		7	5. 2270	Vy	f f T Pf N	0. c72c22 74:s9
TotaldNk	knalEAiA	/ M 4500 Cl- f		7	5. 22K9	DN7	f f T Pf N	0. c72c22 27:72
TotaldNk	knalEAiA	/ M 4500 / O4 f		7	5. 277.	DN7	f f T Pf N	0. c77c22 2s:s0
TotaldNk	knalEAiA	Field / ampling		7	5. 44. 6	/ 7W	f f T Pf N	0. c09c22 74:5K

8Completion dateA and timeA are reported or not reported per method reqGrementA or indi¹ idGal lab diAj retion3

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LaboratorB v eferenceu:

f f T Pf N = f GrouinA PenAaj ola, ss55 Mj Lemore Dri1 e, PenAaj ola, FL s2574, Tf L (950)464-7007

HPLC/IC

Analysis Batch: 592382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total/NA	Water	300.0	
400-225722-2	MW-103	Total/NA	Water	300.0	
400-225722-3	MW-104	Total/NA	Water	300.0	
400-225722-4	MW-105	Total/NA	Water	300.0	
400-225722-5	MW-106	Total/NA	Water	300.0	
MB 400-592382/25	Method Blank	Total/NA	Water	300.0	
LCS 400-592382/26	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-592382/27	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225739-B-14 MS	Matrix Spike	Total/NA	Water	300.0	
400-225739-B-14 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 592408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-6	MW-109	Total/NA	Water	300.0	
400-225722-7	MW-110	Total/NA	Water	300.0	
400-225722-8	DUP-03	Total/NA	Water	300.0	
400-225722-9	DUP-02	Total/NA	Water	300.0	
MB 400-592408/41	Method Blank	Total/NA	Water	300.0	
LCS 400-592408/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-592408/43	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225722-6 MS	MW-109	Total/NA	Water	300.0	
400-225722-6 MSD	MW-109	Total/NA	Water	300.0	

Metals

Prep Batch: 592648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total Recoverable	Water	3005A	
400-225722-2	MW-103	Total Recoverable	Water	3005A	
400-225722-3	MW-104	Total Recoverable	Water	3005A	
400-225722-4	MW-105	Total Recoverable	Water	3005A	
400-225722-5	MW-106	Total Recoverable	Water	3005A	
400-225722-6	MW-109	Total Recoverable	Water	3005A	
400-225722-7	MW-110	Total Recoverable	Water	3005A	
400-225722-8	DUP-03	Total Recoverable	Water	3005A	
400-225722-9	DUP-02	Total Recoverable	Water	3005A	
MB 400-592648/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-592648/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-225912-A-2-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-225912-A-2-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 592944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total Recoverable	Water	6020	592648
400-225722-2	MW-103	Total Recoverable	Water	6020	592648
400-225722-3	MW-104	Total Recoverable	Water	6020	592648
400-225722-4	MW-105	Total Recoverable	Water	6020	592648
400-225722-5	MW-106	Total Recoverable	Water	6020	592648
400-225722-6	MW-109	Total Recoverable	Water	6020	592648
400-225722-7	MW-110	Total Recoverable	Water	6020	592648
400-225722-8	DUP-03	Total Recoverable	Water	6020	592648

Metals (Continued)

Analysis Batch: 592944 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-9	DUP-02	Total Recoverable	Water	6020	592648
MB 400-592648/1-A ^5	Method Blank	Total Recoverable	Water	6020	592648
LCS 400-592648/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592648
400-225912-A-2-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	592648
400-225912-A-2-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	592648

Analysis Batch: 593289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-3	MW-104	Total Recoverable	Water	6020	592648
400-225722-4	MW-105	Total Recoverable	Water	6020	592648
400-225722-8	DUP-03	Total Recoverable	Water	6020	592648
400-225722-9	DUP-02	Total Recoverable	Water	6020	592648

Prep Batch: 594205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-5	MW-106	Total/NA	Water	7470A	
400-225722-6	MW-109	Total/NA	Water	7470A	
400-225722-9	DUP-02	Total/NA	Water	7470A	
MB 400-594205/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-594205/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-225704-C-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-225704-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 594225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total/NA	Water	7470A	
400-225722-2	MW-103	Total/NA	Water	7470A	
400-225722-3	MW-104	Total/NA	Water	7470A	
400-225722-4	MW-105	Total/NA	Water	7470A	
400-225722-7	MW-110	Total/NA	Water	7470A	
400-225722-8	DUP-03	Total/NA	Water	7470A	
MB 400-594225/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-594225/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-225722-2 MS	MW-103	Total/NA	Water	7470A	
400-225722-2 MSD	MW-103	Total/NA	Water	7470A	

Analysis Batch: 594812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total/NA	Water	7470A	594225
400-225722-2	MW-103	Total/NA	Water	7470A	594225
400-225722-3	MW-104	Total/NA	Water	7470A	594225
400-225722-4	MW-105	Total/NA	Water	7470A	594225
400-225722-5	MW-106	Total/NA	Water	7470A	594205
400-225722-6	MW-109	Total/NA	Water	7470A	594205
400-225722-7	MW-110	Total/NA	Water	7470A	594225
400-225722-8	DUP-03	Total/NA	Water	7470A	594225
400-225722-9	DUP-02	Total/NA	Water	7470A	594205
MB 400-594205/14-A	Method Blank	Total/NA	Water	7470A	594205
MB 400-594225/14-A	Method Blank	Total/NA	Water	7470A	594225
LCS 400-594205/15-A	Lab Control Sample	Total/NA	Water	7470A	594205
LCS 400-594225/15-A	Lab Control Sample	Total/NA	Water	7470A	594225

Metals (Continued)

Analysis Batch: 594812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225704-C-1-B MS	Matrix Spike	Total/NA	Water	7470A	594205
400-225704-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	594205
400-225722-2 MS	MW-103	Total/NA	Water	7470A	594225
400-225722-2 MSD	MW-103	Total/NA	Water	7470A	594225

General Chemistry

Analysis Batch: 592119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-5	MW-106	Total/NA	Water	SM 4500 SO4 E	
400-225722-6	MW-109	Total/NA	Water	SM 4500 SO4 E	
400-225722-9	DUP-02	Total/NA	Water	SM 4500 SO4 E	
MB 400-592119/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-592119/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-592119/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-225660-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-225660-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 592121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total/NA	Water	SM 4500 SO4 E	
400-225722-2	MW-103	Total/NA	Water	SM 4500 SO4 E	
400-225722-3	MW-104	Total/NA	Water	SM 4500 SO4 E	
400-225722-4	MW-105	Total/NA	Water	SM 4500 SO4 E	
400-225722-7	MW-110	Total/NA	Water	SM 4500 SO4 E	
400-225722-8	DUP-03	Total/NA	Water	SM 4500 SO4 E	
MB 400-592121/5	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-592121/6	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-592121/7	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-225722-1 MS	MW-102	Total/NA	Water	SM 4500 SO4 E	
400-225722-1 MSD	MW-102	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 592210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total/NA	Water	SM 2540C	
400-225722-2	MW-103	Total/NA	Water	SM 2540C	
400-225722-3	MW-104	Total/NA	Water	SM 2540C	
400-225722-4	MW-105	Total/NA	Water	SM 2540C	
400-225722-5	MW-106	Total/NA	Water	SM 2540C	
400-225722-6	MW-109	Total/NA	Water	SM 2540C	
400-225722-7	MW-110	Total/NA	Water	SM 2540C	
400-225722-8	DUP-03	Total/NA	Water	SM 2540C	
400-225722-9	DUP-02	Total/NA	Water	SM 2540C	
MB 400-592210/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-592210/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-225722-8 DU	DUP-03	Total/NA	Water	SM 2540C	

Analysis Batch: 592268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total/NA	Water	SM 4500 Cl- E	
400-225722-2	MW-103	Total/NA	Water	SM 4500 Cl- E	

General Chemistry (Continued)

Analysis Batch: 592268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-3	MW-104	Total/NA	Water	SM 4500 Cl- E	
400-225722-4	MW-105	Total/NA	Water	SM 4500 Cl- E	
400-225722-5	MW-106	Total/NA	Water	SM 4500 Cl- E	
400-225722-6	MW-109	Total/NA	Water	SM 4500 Cl- E	
400-225722-7	MW-110	Total/NA	Water	SM 4500 Cl- E	
400-225722-8	DUP-03	Total/NA	Water	SM 4500 Cl- E	
400-225722-9	DUP-02	Total/NA	Water	SM 4500 Cl- E	
MB 400-592268/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 400-592268/42	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592268/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592268/43	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-592268/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-225722-2 MS	MW-103	Total/NA	Water	SM 4500 Cl- E	
400-225722-2 MSD	MW-103	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 594497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225722-1	MW-102	Total/NA	Water	Field Sampling	
400-225722-2	MW-103	Total/NA	Water	Field Sampling	
400-225722-3	MW-104	Total/NA	Water	Field Sampling	
400-225722-4	MW-105	Total/NA	Water	Field Sampling	
400-225722-5	MW-106	Total/NA	Water	Field Sampling	
400-225722-6	MW-109	Total/NA	Water	Field Sampling	
400-225722-7	MW-110	Total/NA	Water	Field Sampling	
400-225722-8	DUP-03	Total/NA	Water	Field Sampling	
400-225722-9	DUP-02	Total/NA	Water	Field Sampling	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-592382/25
Matrix: Water
Analysis Batch: 592382

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/13/22 18:19	1

Lab Sample ID: LCS 400-592382/26
Matrix: Water
Analysis Batch: 592382

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-592382/27
Matrix: Water
Analysis Batch: 592382

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	10.0	10.7		mg/L		107	90 - 110	1	15

Lab Sample ID: 400-225739-B-14 MS
Matrix: Water
Analysis Batch: 592382

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	0.14	U	10.0	11.8		mg/L		118	80 - 120

Lab Sample ID: 400-225739-B-14 MSD
Matrix: Water
Analysis Batch: 592382

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	0.14	U	10.0	12.2	J3	mg/L		122	80 - 120	3	20

Lab Sample ID: MB 400-592408/41
Matrix: Water
Analysis Batch: 592408

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U	1.0	0.14	mg/L			09/14/22 00:22	1

Lab Sample ID: LCS 400-592408/42
Matrix: Water
Analysis Batch: 592408

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.2		mg/L		102	90 - 110

Lab Sample ID: LCSD 400-592408/43
Matrix: Water
Analysis Batch: 592408

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	10.0	10.4		mg/L		104	90 - 110	1	15

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 400-225722-6 MS
Matrix: Water
Analysis Batch: 592408

Client Sample ID: MW-109
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.14	U	10.0	10.3		mg/L		103	80 - 120

Lab Sample ID: 400-225722-6 MSD
Matrix: Water
Analysis Batch: 592408

Client Sample ID: MW-109
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.14	U	10.0	10.3		mg/L		103	80 - 120	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-592648/1-A ^5
Matrix: Water
Analysis Batch: 592944

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592648

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/15/22 11:48	09/16/22 20:39	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/15/22 11:48	09/16/22 20:39	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/15/22 11:48	09/16/22 20:39	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/15/22 11:48	09/16/22 20:39	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/15/22 11:48	09/16/22 20:39	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/15/22 11:48	09/16/22 20:39	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/15/22 11:48	09/16/22 20:39	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/15/22 11:48	09/16/22 20:39	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/15/22 11:48	09/16/22 20:39	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/15/22 11:48	09/16/22 20:39	5
Selenium	0.00128	I	0.0013	0.00082	mg/L		09/15/22 11:48	09/16/22 20:39	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/15/22 11:48	09/16/22 20:39	5

Lab Sample ID: LCS 400-592648/2-A ^5
Matrix: Water
Analysis Batch: 592944

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592648

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0540		mg/L		108	80 - 120
Arsenic	0.0500	0.0508		mg/L		102	80 - 120
Barium	0.0500	0.0529		mg/L		106	80 - 120
Beryllium	0.0500	0.0497		mg/L		99	80 - 120
Cadmium	0.0500	0.0518		mg/L		104	80 - 120
Chromium	0.0500	0.0520		mg/L		104	80 - 120
Cobalt	0.0500	0.0519		mg/L		104	80 - 120
Lead	0.0500	0.0495		mg/L		99	80 - 120
Lithium	0.0500	0.0481		mg/L		96	80 - 120
Molybdenum	0.0500	0.0548		mg/L		110	80 - 120
Selenium	0.0500	0.0510		mg/L		102	80 - 120
Thallium	0.0100	0.0100		mg/L		100	80 - 120

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

Lab Sample ID: 400-225912-A-2-B MS ^5
Matrix: Water
Analysis Batch: 592944

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 592648

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0547		mg/L		109	75 - 125
Boron	0.59	J3	0.100	0.708		mg/L		116	75 - 125
Cadmium	0.00065	U	0.0500	0.0512		mg/L		102	75 - 125
Calcium	130	J3	5.00	134		mg/L		121	75 - 125
Chromium	0.0010	U	0.0500	0.0503		mg/L		101	75 - 125
Cobalt	0.00056	U	0.0500	0.0498		mg/L		100	75 - 125
Lead	0.00081	U	0.0500	0.0503		mg/L		101	75 - 125
Molybdenum	0.0013	U	0.0500	0.0522		mg/L		104	75 - 125

Lab Sample ID: 400-225912-A-2-C MSD ^5
Matrix: Water
Analysis Batch: 592944

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 592648

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	0.0539		mg/L		108	75 - 125	1	20
Boron	0.59	J3	0.100	0.675		mg/L		84	75 - 125	5	20
Cadmium	0.00065	U	0.0500	0.0515		mg/L		103	75 - 125	0	20
Calcium	130	J3	5.00	133		mg/L		85	75 - 125	1	20
Chromium	0.0010	U	0.0500	0.0514		mg/L		103	75 - 125	2	20
Cobalt	0.00056	U	0.0500	0.0501		mg/L		100	75 - 125	0	20
Lead	0.00081	U	0.0500	0.0489		mg/L		98	75 - 125	3	20
Molybdenum	0.0013	U	0.0500	0.0510		mg/L		102	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-594205/14-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 594205

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/28/22 10:44	10/02/22 16:40	1

Lab Sample ID: LCS 400-594205/15-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 594205

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.000930		mg/L		92	80 - 120

Lab Sample ID: 400-225704-C-1-B MS
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 594205

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00221		mg/L		110	80 - 120

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

Lab Sample ID: 400-225704-C-1-C MSD
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 594205

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	0.00215		mg/L		107	80 - 120	3	20

Lab Sample ID: MB 400-594225/14-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 594225

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		09/28/22 11:31	10/03/22 08:56	1

Lab Sample ID: LCS 400-594225/15-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 594225

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

Lab Sample ID: 400-225722-2 MS
Matrix: Water
Analysis Batch: 594812

Client Sample ID: MW-103
Prep Type: Total/NA
Prep Batch: 594225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00233		mg/L		116	80 - 120

Lab Sample ID: 400-225722-2 MSD
Matrix: Water
Analysis Batch: 594812

Client Sample ID: MW-103
Prep Type: Total/NA
Prep Batch: 594225

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	0.00225		mg/L		112	80 - 120	4	20

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

Lab Sample ID: MB 400-592210/1
Matrix: Water
Analysis Batch: 592210

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			09/12/22 14:38	1

Lab Sample ID: LCS 400-592210/2
Matrix: Water
Analysis Batch: 592210

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	284		mg/L		97	78 - 122

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

Lab Sample ID: 400-225722-8 DU
Matrix: Water
Analysis Batch: 592210

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

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	210			208		mg/L				1	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-592268/13
Matrix: Water
Analysis Batch: 592268

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			09/12/22 20:55	1

Lab Sample ID: MB 400-592268/42
Matrix: Water
Analysis Batch: 592268

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			09/12/22 21:10	1

Lab Sample ID: LCS 400-592268/14
Matrix: Water
Analysis Batch: 592268

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	53.7		mg/L		107	90 - 110		

Lab Sample ID: LCS 400-592268/43
Matrix: Water
Analysis Batch: 592268

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	48.0		mg/L		96	90 - 110		

Lab Sample ID: MRL 400-592268/15
Matrix: Water
Analysis Batch: 592268

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	1.73	I	mg/L		87	50 - 150		

Lab Sample ID: 400-225722-2 MS
Matrix: Water
Analysis Batch: 592268

Client Sample ID: MW-103
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	6.9		10.0	16.3		mg/L		94	73 - 120		

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

Lab Sample ID: 400-225722-2 MSD
Matrix: Water
Analysis Batch: 592268

Client Sample ID: MW-103
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.9		10.0	16.5		mg/L		96	73 - 120	1	8

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-592119/12
Matrix: Water
Analysis Batch: 592119

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			09/11/22 23:25	1

Lab Sample ID: LCS 400-592119/13
Matrix: Water
Analysis Batch: 592119

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	14.8		mg/L		99	90 - 110

Lab Sample ID: MRL 400-592119/14
Matrix: Water
Analysis Batch: 592119

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	4.40	I	mg/L		88	50 - 150

Lab Sample ID: 400-225660-B-1 MS
Matrix: Water
Analysis Batch: 592119

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	9.8		10.0	21.1		mg/L		113	77 - 128

Lab Sample ID: 400-225660-B-1 MSD
Matrix: Water
Analysis Batch: 592119

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	9.8		10.0	21.4		mg/L		116	77 - 128	2	5

Lab Sample ID: MB 400-592121/5
Matrix: Water
Analysis Batch: 592121

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			09/12/22 01:31	1

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

Lab Sample ID: LCS 400-592121/6
Matrix: Water
Analysis Batch: 592121

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	14.6		mg/L		98	90 - 110		

Lab Sample ID: MRL 400-592121/7
Matrix: Water
Analysis Batch: 592121

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	4.38	I	mg/L		88	50 - 150		

Lab Sample ID: 400-225722-1 MS
Matrix: Water
Analysis Batch: 592121

Client Sample ID: MW-102
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	27		10.0	36.3		mg/L		96	77 - 128		

Lab Sample ID: 400-225722-1 MSD
Matrix: Water
Analysis Batch: 592121

Client Sample ID: MW-102
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	27		10.0	36.5		mg/L		98	77 - 128	1	5

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Rick Hegendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113839-23628.1
Client Contact: Barry Evans	Phone: 850-336-5192	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Florida Power and Light	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 #: 2000403482			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Downgradient B	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225722 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, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-102	9-9-22	1553	G	Water	ND		X	X	X	X	X	X		
MW-103	9-9-22	1134	G	Water	ND		X	X	X	X	X	X	4	
MW-104	9-9-22	1124	G	Water	ND		X	X	X	X	X	X	4	
MW-105	9-9-22	1305	G	Water	ND		X	X	X	X	X	X		
MW-106	9-8-22	1545	G	Water	ND		X	X	X	X	X	X	4	
MW-109	9-8-22	1556	G	Water	ND		X	X	X	X	X	X		
MW-110	9-9-22	0956	G	Water	ND		X	X	X	X	X	X	4	
DUP-03	9-9-22	1205	G	Water	ND		X	X		X	X	X	4	
DUP-02	9-8-22	1456	G	Water	ND		X	X		X	X	X	4	
				Water										

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	Trevor Braddock	9-9-22 1640	RDH ENV.			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/9/22 - 1640	Company

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

Cooler Temperature(s) °C and Other Remarks: 0.2, 5.5 °C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225722-1
SDG Number: Background B

Login Number: 225722
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins 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	0.2, 5.5°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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: GlufiPo wur ef onP mipat
wfu3e8tjc ite: CC/ SRIECleon Bnefpk Centef

yuJ bl : D440- - 21- - 07
cl S: go8dpfuRnP g

Laboratory: Eurofins Pensacola

All o88fePitotiunsj8eftiE8otiuns aelP Jk tais loJufotufk ofe listePh . ut oll o88fePitotiunsj8eftiE8otiuns ofe oNNi8oJle tu tais feNufth

Authority	Program	Identification Number	Expiration Date
AloJo5 o	c tote	D4724	460O40- O
A. Ag	bc L jbBC 714- 2	m- D17	4- 0- O0- O
Afdonsos I BQ	c tote	990469F	4F0470- O
ColiEufnio	c tote	- 274	460O40- O
GlufiPo	. BmAw	B97474	460O40- O
Seufpio	c tote	B97474(Gm)	460O40- O
bllinuis	. BmAw	- 444D7	7404F0- -
Konsos	. BmAw	B074- 2O	740O70- -
KentR8dk (Uc T)	c tote	2O	460O40- O
KentR8dk (WW)	c tote	KYF94O4	7- 0O70- -
muRisiono (All)	. BmAw	O4F16	460O40- O
muRisiono (I W)	c tote	mA471	7- 0O70- -
MofklonP	c tote	- OO	4F0O40- O
Mi8aipon	c tote	FF7-	460O40- O
. ufta Cofulino (WWjc W)	c tote	O7D	7- 0O70- -
L dloau5 o	. BmAw	F974	490O70- O
wennsklvonio	. BmAw	69044D61	470O70- O
cuRta Cofulino	c tote	F64- 6	460O40- O
Tennessee	c tote	T. 4- F41	460O40- O
Texos	. BmAw	T74D14D- 96	4F0O40- O
Uc Gisa & WilPliEe	Uc GePefol wfupfo5 s	A- - OD4	460O40- O
Uc I A	Uc GePefol wfupfo5 s	wOO40- 7044426	420710- D
Vifpinio	. BmAw	D64766	4607D0- O
West Vifpinio I Bw	c tote	7O6	4O0O70- O

BRfuEns wenso8ulo

eurofins | Environment Testing America

ANALYTICAL REPORT



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

Laboratory Job ID: 400-225722-2
Laboratory Sample Delivery Group: Background B
Client Project/Site: CCR Gulf Clean Energy Center

For:
Florida Power and Light
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Authorized for release by:
10/18/2022 5:00:43 PM

Cheyenne Whitmire, Project Manager II
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Cheyenne.Whitmire@et.eurofinsus.com

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

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

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Job ID: 400-225722-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225722-2

Receipt
The samples were received on 9/9/2022 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.2º C and 5.5º C.

RAD
Method 9315: Radium-226 batch 582139. The bracketing daily (check), run the day after the sample was run, was slightly outsic the established QC criteria. The efficiency is set at 3% and the bracketing check achieved 3.7%.The daily (check) run the day th sample was run, passed. Additionally the affected sample is the Method Blank which achieved its detection goal and had activity well below the MDC demonstrating no adverse affect from the potential bias. (MB 160-582139/1-A)

Method 9315: Radium-226 batch 582139. The method blank (MB) z-score is within limits and is stored in the level IV raw data. 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-102 (400-225722-1), MW-103 (400-225722-2), MW-104 (400-225722-3), MW-105 (400-225722-4), MW-106 (400-225722-5), MW-109 (400-225722-6), MW-110 (400-225722-7), DUP-03 (400-225722-8 DUP-02 (400-225722-9), (LCS 160-582139/2-A), (LCSD 160-582139/3-A) and (MB 160-582139/1-A)

Method 9320: Radium-228 batch 582166. The method blank (MB) z-score is within limits and is stored in the level IV raw data. 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-102 (400-225722-1), MW-103 (400-225722-2), MW-104 (400-225722-3), MW-105 (400-225722-4), MW-106 (400-225722-5), MW-109 (400-225722-6), MW-110 (400-225722-7), DUP-03 (400-225722-8 DUP-02 (400-225722-9), (LCS 160-582166/2-A), (LCSD 160-582166/3-A) and (MB 160-582166/1-A)

Method PrecSep_0: Radium-228 Prep batch 160-582166. The following sample was prepared at a reduced aliquot due to Matri DUP-03 (400-225722-8). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead o sample duplicate (DUP) to demonstrate batch precision.

Method PrecSep-21: Radium-226 Prep Batch 160-582139. The following samples were prepared at a reduced aliquot due to Matrix: MW-104 (400-225722-3) and DUP-03 (400-225722-8). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead of a sample duplicate (DUP) to demonstrate batch precision.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

3 8Ci e n8otCu f oPl t ui GwCme
f tok Seg pCe : 3 3 d a c8A3 8 ui j i l tr / 3 l i e t

Job ID: 400-221722-2
pDa : y uSBr toci Gy

Method	Method Description	Protocol	Laboratory
6951	d uGCc(-22WFa nf 3)	pR E4W	j j T pw
6920	d uGCc(-22E Fa nf 3)	pR E4W	j j T pw
d u22W_d u22E	3 o(bCl Gd uGCc(-22Wui Gd uGCc(-22E	TLw-pTw	j j T pw
f tl Spl , _0	f tl , utueCi hf tl SC,Cue l pl , utueCi	Noi l	j j T pw
f tl Spl , -25	f tl , utueCi hf tl SC,Cue l pl , utueCi F25-Du/ li -a toPem)	Noi l	j j T pw

Protocol References:

Noi l = Noi l

pR E4W= "Tl seMl emoGs not j vu8cueCr po8CGR use l hf m/ sCSu8g3 ml (CSu8Ml emoGs"hTmCCGj GCCi hNovl (bl t 56EWLi Gles U, Gue l s.

TLw-pTw= Tl seL (l tCSu wubotueotCshpe wocCshnuS8Ce/ peui GutGO, l tueCr f toSl Gctl .

Laboratory References:

j j T pw= j ctoACs pe wocCsh59751 d CGl t Ttu8CNotemhj utem3 Ce/ hMO W9041hTj wF954)26E-E1WW

Sample Summary

Client: Florida Power and Light
Prou eBtj1 ite: CC/ SklRClean f nergE Center

Job ID: 400-225722-2
1DS: GaBcgroknd G

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225722-y	MW-y02	Water	09j09j22 y5:53	09j09j22 y6:40
400-225722-2	MW-y03	Water	09j09j22 yy:34	09j09j22 y6:40
400-225722-3	MW-y04	Water	09j09j22 yy:24	09j09j22 y6:40
400-225722-4	MW-y05	Water	09j09j22 y3:05	09j09j22 y6:40
400-225722-5	MW-y06	Water	09j08j22 y5:45	09j09j22 y6:40
400-225722-6	MW-y09	Water	09j08j22 y5:56	09j09j22 y6:40
400-225722-7	MW-yy0	Water	09j09j22 09:56	09j09j22 y6:40
400-225722-8	DUP-03	Water	09j09j22 y2:05	09j09j22 y6:40
400-225722-9	DUP-02	Water	09j08j22 y4:56	09j09j22 y6:40

Client Sample ID: 8 M-302

Date Cxlleotec: 0d/0d/22 31:1v
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-3

8 atW r : MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	3.31		0.254	0.274	1.00	0.197	pCi/L	09/14/22 13:57	10/10/22 10:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3. 8*		*40 - 110*	*03/14/22 196 7*	*10/10/22 106 41*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	4.7h		0.642	0.778	1.00	0.425	pCi/L	09/14/22 14:40	10/07/22 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3. 8*		*40 - 110*	*03/14/22 146 40*	*10/07/22 116 97*	*1*
Y Carrier	*5. 87*		*40 - 110*	*03/14/22 146 40*	*10/07/22 116 97*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	1.d2		0.690	0.825	5.00	0.425	pCi/L		10/12/22 18:46	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225722-2
SDG: Background B

Client Sample ID: 8 M-30v
Date Cxlleotec: 0d/0d/22 33:v4
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-2
8 atWr: MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	3.02		0.220	0.239	1.00	0.139	pCi/L	09/14/22 13:57	10/10/22 10:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*378*		*40 - 110*	*03/14/22 196 7*	*10/10/22 106 41*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	2.34		0.442	0.483	1.00	0.384	pCi/L	09/14/22 14:40	10/07/22 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*378*		*40 - 110*	*03/14/22 146 40*	*10/07/22 116 97*	*1*
Y Carrier	*538*		*40 - 110*	*03/14/22 146 40*	*10/07/22 116 97*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	v.3h		0.494	0.539	5.00	0.384	pCi/L		10/12/22 18:46	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225722-2
SDG: Background B

Client Sample ID: 8 M-304
Date Cxlleotec: 0d/0d/22 33:24
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-v
8 atWr: MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	3.d3		0.303	0.348	1.00	0.185	pCi/L	09/14/22 13:57	10/10/22 10:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3. 85*		*40 - 110*	*03/14/22 196 7*	*10/10/22 1064 1*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	3d.v		1.23	2.16	1.00	0.429	pCi/L	09/14/22 14:40	10/07/22 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3. 85*		*40 - 110*	*03/14/22 1464 0*	*10/07/22 1169 7*	*1*
Y Carrier	*578*		*40 - 110*	*03/14/22 1464 0*	*10/07/22 1169 7*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	23.2		1.27	2.19	5.00	0.429	pCi/L		10/12/22 18:46	1

Client Sample ID: 8 M-301

Date Cxlleotec: 0d/0d/22 3v:01
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-4

8 atWr: MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	0.6v4		0.268	0.278	1.00	0.285	pCi/L	09/14/22 13:57	10/10/22 10:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*338*		*40 - 110*	*03/14/22 196 7*	*10/10/22 106:42*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	3.23		0.458	0.471	1.00	0.577	pCi/L	09/14/22 14:40	10/07/22 11:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*338*		*40 - 110*	*03/14/22 1464:0*	*10/07/22 116:03*	*1*
Y Carrier	*538*		*40 - 110*	*03/14/22 1464:0*	*10/07/22 116:03*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	2.04		0.531	0.547	5.00	0.577	pCi/L		10/12/22 18:46	1

Client Sample ID: 8 M-30h

Date Cxlleotec: 0d/06/22 31:41
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-1

8 atWr: MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	0.43h		0.144	0.149	1.00	0.125	pCi/L	09/14/22 13:57	10/10/22 10:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3785*		*40 - 110*	*03/14/22 196 7*	*10/10/22 1069*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	3.07		0.365	0.378	1.00	0.433	pCi/L	09/14/22 14:40	10/07/22 11:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3785*		*40 - 110*	*03/14/22 1464*	*10/07/22 1163*	*1*
Y Carrier	*578*		*40 - 110*	*03/14/22 1464*	*10/07/22 1163*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	3.4d		0.392	0.406	5.00	0.433	pCi/L		10/12/22 18:46	1

Client Sample ID: 8 M-30d
Date Cxlleotec: 0d/06/22 31:1h
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-h
8 atW: MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeW (2σ+/-)	Txtal UnoeW (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	0.6h0		0.197	0.212	1.00	0.128	pCi/L	09/14/22 13:57	10/10/22 10:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*358*		*40 - 110*	*03/14/22 196 7*	*10/10/22 1064*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeW (2σ+/-)	Txtal UnoeW (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	3.d2		0.453	0.486	1.00	0.482	pCi/L	09/14/22 14:40	10/07/22 11:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*358*		*40 - 110*	*03/14/22 1464*	*10/07/22 1164*	*1*
Y Carrier	*308*		*40 - 110*	*03/14/22 1464*	*10/07/22 1164*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeW (2σ+/-)	Txtal UnoeW (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	2.76		0.494	0.530	5.00	0.482	pCi/L		10/12/22 18:46	1

Client Sample ID: 8 M-330

Date Cxlleotec: 0d/0d/22 0d:1h
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-7

8 atWr: MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	3.3v		0.224	0.246	1.00	0.127	pCi/L	09/14/22 13:57	10/10/22 10:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*338*		*40 - 110*	*03/14/22 196 7*	*10/10/22 1064*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	1.20		0.668	0.822	1.00	0.474	pCi/L	09/14/22 14:40	10/07/22 11:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*338*		*40 - 110*	*03/14/22 1464*	*10/07/22 1164*	*1*
Y Carrier	*578*		*40 - 110*	*03/14/22 1464*	*10/07/22 1164*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	h.vv		0.705	0.858	5.00	0.474	pCi/L		10/12/22 18:46	1

Client Sample ID: DUP-0v

Date Cxlleotec: 0d/0d/22 32:01
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-6

8 atW r : MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	0.137		0.198	0.203	1.00	0.202	pCi/L	09/14/22 13:57	10/10/22 10:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3: 8l*		*40 - 110*	*03/14/22 196 7*	*10/10/22 1064 4*	*1*

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	3.1v		0.531	0.550	1.00	0.664	pCi/L	09/14/22 14:40	10/07/22 11:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*3: 8l*		*40 - 110*	*03/14/22 1464 0*	*10/07/22 1164 0*	*1*
Y Carrier	*3085*		*40 - 110*	*03/14/22 1464 0*	*10/07/22 1164 0*	*1*

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	2.01		0.567	0.586	5.00	0.664	pCi/L		10/12/22 18:46	1

Client Sample ID: DUP-02

Date Cxlleotec: 0d/06/22 34:1h
Date Reoei5ec: 0d/0d/22 3h:40

Lab Sample ID: 400-221722-d

8 atWr : MateW

8 et9xc: SM64h dv31 - Racium-22h (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-22h	0.h1d		0.184	0.193	1.00	0.151	pCi/L	09/14/22 13:57	10/10/22 10:44	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	3: 85		40 - 110	03/14/22 196 7	10/10/22 1064	1

8 et9xc: SM64h dv20 - Racium-226 (GFPC)

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Racium-226	3.70		0.424	0.452	1.00	0.444	pCi/L	09/14/22 14:40	10/07/22 11:40	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	3: 85		40 - 110	03/14/22 1464 0	10/07/22 1164 0	1
Y Carrier	318		40 - 110	03/14/22 1464 0	10/07/22 1164 0	1

8 et9xc: TAL-STL Ra22h_Ra226 - Cxmbinec Racium-22h anc Racium-226

Analyte	Result	QualifieW	Cxunt UnoeWt (2σ+/-)	Txtal UnoeWt (2σ+/-)	RL	8 DC	Unit	PWpaWc	Analyzec	Dil Fao
Cxmbinec Racium 22h + 226	2.vh		0.462	0.491	5.00	0.444	pCi/L		10/12/22 18:46	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: Florida Power and Light
Pro7ej td ite: CCS RGuClean f nergE Center

Job ID: 400-225622-2
/ DR: y aj BgroGnd y

Client Sample ID: MW-104
Date Collectex: 0d/0d/44 17:7R
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-1
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T65	/ Cy	f f p / L	A0oA0c22 A0:4A
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5150T4	FLC	f f p / L	A0o06c22 AA:T6
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

Client Sample ID: MW-10R
Date Collectex: 0d/0d/44 11:R2
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-4
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T65	/ Cy	f f p / L	A0oA0c22 A0:4A
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5150T4	FLC	f f p / L	A0o06c22 AA:T6
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

Client Sample ID: MW-102
Date Collectex: 0d/0d/44 11:42
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-R
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T65	/ Cy	f f p / L	A0oA0c22 A0:4A
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5150T4	FLC	f f p / L	A0o06c22 AA:T6
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

Client Sample ID: MW-107
Date Collectex: 0d/0d/44 1R:07
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-2
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T65	/ Cy	f f p / L	A0oA0c22 A0:42
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5148T1	/ Cy	f f p / L	A0o06c22 AA:T8
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

f Grouin3 Pen3aj ola

Client Sample ID: MW-10T
Lab Sample ID: 200-447344-7

Date Collectex: 0d/09/44 17:27
Matri8: Water
Date v ecei5ex: 0d/0d/44 1T:20

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T6T	/ Cy	f f p / L	A0oA0c22 A0:4T
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5148T1	/ Cy	f f p / L	A0c06c22 AA:T8
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

Client Sample ID: MW-10d
Lab Sample ID: 200-447344-T

Date Collectex: 0d/09/44 17:7T
Matri8: Water
Date v ecei5ex: 0d/0d/44 1T:20

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T6T	/ Cy	f f p / L	A0oA0c22 A0:4T
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5148T1	/ Cy	f f p / L	A0c06c22 AA:40
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

Client Sample ID: MW-110
Lab Sample ID: 200-447344-3

Date Collectex: 0d/0d/44 0d:7T
Matri8: Water
Date v ecei5ex: 0d/0d/44 1T:20

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T6T	/ Cy	f f p / L	A0oA0c22 A0:4T
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5148T1	/ Cy	f f p / L	A0c06c22 AA:40
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

Client Sample ID: DUA-0R
Lab Sample ID: 200-447344-9

Date Collectex: 0d/0d/44 14:07
Matri8: Water
Date v ecei5ex: 0d/0d/44 1T:20

Arep yBpe	Patch yBpe	Patch Methox	vzn	Dilztion 6actor	Patch Fzmber	snalBut	Lab	Areparex or snalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9nalE3i3	8TA5		A	515T6T	/ Cy	f f p / L	A0oA0c22 A0:44
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9nalE3i3	8T20		A	5148T1	/ Cy	f f p / L	A0c06c22 AA:40
potaldN9	9nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

Client: Florida Power and Light
Pro7ej td ite: CCS RGuClean f nergE Center

Job ID: 400-225622-2
/ DR: y aj BgroGnd y

Client Sample ID: DUA-04
Date Collectex: 0d/09/44 12:7T
Date v ecei5ex: 0d/0d/44 1T:20

Lab Sample ID: 200-447344-d
Matri8: Water

Arep yBpe	Patch yBpe	Patch Methox	v z n	Dilztion 6actor	Patch Fzmber	s nalBut	Lab	Areparex or s nalBNex
potaldN9	Prek	Prej / ek-2A			512AT8	pJ	f f p / L	08oA4c22 AT:56
potaldN9	9 nalE3i3	8TA5		A	515T6T	/ Cy	f f p / L	A0oA0c22 A0:44
potaldN9	Prek	Prej / eks0			512A__	pJ	f f p / L	08oA4c22 A4:40
potaldN9	9 nalE3i3	8T20		A	5148T1	/ Cy	f f p / L	A0c06c22 AA:40
potaldN9	9 nalE3i3	Sa22_sSa221		A	515642	f MH	f f p / L	A0oA2c22 A1:4_

LaboratorB v eferenceu:
f f p / L = f Grouin3 / t. LoG3, AT6A5 Sider prail North, f arth CitE, MO _T045, pf L (TA4)281-15__

QC Association Summary

9 Client Co Uf Powi Gf eu r Impn
PGoji gmcaIni : 9 9 / y BCR9 Cf e Eei GmW9 i eni G

Job ID: 400-221722-2
a Dy : Sf gdmGoBeu S

Rad

Prep Batch: 582139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-221722-N	A M-N02	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-2	A M-N08	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-8	A M-N04	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-4	A M-N01	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-1	A M-N0F	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-F	A M-N0U	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-7	A M-NN0	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-h	Dk P-08	3orf C5 6	Mf ri G	PGi gai T-2N	
400-221722-U	Dk P-02	3orf C5 6	Mf ri G	PGi gai T-2N	
A S NF0-1h2N8UcN-6	A i npou SCCed	3orf C5 6	Mf ri G	PGi gai T-2N	
r 9 a NF0-1h2N8Uc2-6	r f b 9 oenGoCaf L TCC	3orf C5 6	Mf ri G	PGi gai T-2N	
r 9 a D NF0-1h2N8Uc8-6	r f b 9 oenGoCaf L TCC DBT	3orf C5 6	Mf ri G	PGi gai T-2N	

Prep Batch: 582166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-221722-N	A M-N02	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-2	A M-N08	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-8	A M-N04	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-4	A M-N01	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-1	A M-N0F	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-F	A M-N0U	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-7	A M-NN0	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-h	Dk P-08	3orf C5 6	Mf ri G	PGi gai T_0	
400-221722-U	Dk P-02	3orf C5 6	Mf ri G	PGi gai T_0	
A S NF0-1h2NFFcN-6	A i npou SCCed	3orf C5 6	Mf ri G	PGi gai T_0	
r 9 a NF0-1h2NFFc2-6	r f b 9 oenGoCaf L TCC	3orf C5 6	Mf ri G	PGi gai T_0	
r 9 a D NF0-1h2NFFc8-6	r f b 9 oenGoCaf L TCC DBT	3orf C5 6	Mf ri G	PGi gai T_0	

EBGoRes Pi esf goCC

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10/18/2022

QC Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225722-2
SDG: Background B

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-5721398 1-/
MatAir : x ateA
/ nalTsis BatNh: 5753c5

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 572139

/ nalTte	MB Result	MB QualiUeA	Count z nNeAtf (24 σ8)	Wotal z nNeAtf (24 σ8)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
Radium-226	0.1078	U	0.105	0.105	1.00	0.162	pCi/L	09/14/22 13:57	10/10/22 10:39	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.1*		*40 - 110*	*09/14/22 13:57*	*10/10/22 10:39*	*1*

Lab Sample ID: LCS 160-5721398 2-/
MatAir : x ateA
/ nalTsis BatNh: 5753c5

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 572139

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAtf (24 σ8)	RL	MDC	z nit	. ReN	. ReN Limits		
Radium-226			11.3	11.01		1.22	1.00	0.177	pCi/L	97	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.9*		*40 - 110*

Lab Sample ID: LCSD 160-5721398 3-/
MatAir : x ateA
/ nalTsis BatNh: 5753c5

Client Sample ID: Lab ContAol Sample Dup
PAep WTpe: Wotal8y /
PAep BatNh: 572139

/ nalTte			Spike / dded	LCSD Result	LCSD Qual	Wotal z nNeAtf (24 σ8)	RL	MDC	z nit	. ReN	. ReN Limits	R%R	R%R Limit
Radium-226			11.3	10.47		1.17	1.00	0.193	pCi/L	92	75 - 125	0.23	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*93.9*		*40 - 110*

Method: 9320 - Radium-227 (GFPC)

Lab Sample ID: MB 160-5721668 1-/
MatAir : x ateA
/ nalTsis BatNh: 57503E

Client Sample ID: Method Blank
PAep WTpe: Wotal8y /
PAep BatNh: 572166

/ nalTte	MB Result	MB QualiUeA	Count z nNeAtf (24 σ8)	Wotal z nNeAtf (24 σ8)	RL	MDC	z nit	PAepaAed	/ nalT+ed	Dil FaN
Radium-228	0.1162	U	0.264	0.264	1.00	0.461	pCi/L	09/14/22 14:40	10/07/22 11:35	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.1*		*40 - 110*	*09/14/22 14:40*	*10/07/22 11:35*	*1*
Y Carrier	*89.0*		*40 - 110*	*09/14/22 14:40*	*10/07/22 11:35*	*1*

Method: 9320 - Radium-227 (GFPC) (Continued)

Lab Sample ID: LCS 160-572166[illegible]2-/
MatAr: x ateA
/ nalTsis BatNh: 57503E

Client Sample ID: Lab ContAol Sample
PAep WTpe: Wotal8y /
PAep BatNh: 572166

/ nalTte			Spike / dded	LCS Result	LCS Qual	Wotal z nNeAf (24o8)	RL	MDC	z nit	. ReN	. ReN Limits		
Radium-228			8.22	8.792		1.18	1.00	0.460	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.9*		*40 - 110*
Y Carrier	*87.1*		*40 - 110*

Lab Sample ID: LCSD 160-572166[illegible]8-/
MatAr: x ateA
/ nalTsis BatNh: 57503E

Client Sample ID: Lab ContAol Sample Dup
PAep WTpe: Wotal8y /
PAep BatNh: 572166

/ nalTte			Spike / dded	LCSD Result	LCSD Qual	Wotal z nNeAf (24o8)	RL	MDC	z nit	. ReN	. ReN Limits	R%R	R%R Limit
Radium-228			8.22	9.077		1.21	1.00	0.490	pCi/L	110	75 - 125	0.12	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*93.9*		*40 - 110*
Y Carrier	*87.5*		*40 - 110*

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Rick Hegendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113839-23628.1
Client Contact: Barry Evans	Phone: 850-336-5192	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Florida Power and Light	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 #: 2000403482			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Downgradient B	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225722 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, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N		
MW-102	9-9-22	1553	G	Water	ND		X	X	X	X	X	X		
MW-103	9-9-22	1134	G	Water	ND		X	X	X	X	X	X	4	
MW-104	9-9-22	1124	G	Water	ND		X	X	X	X	X	X	4	
MW-105	9-9-22	1305	G	Water	ND		X	X	X	X	X	X		
MW-106	9-8-22	1545	G	Water	ND		X	X	X	X	X	X	4	
MW-109	9-8-22	1556	G	Water	ND		X	X	X	X	X	X		
MW-110	9-9-22	0956	G	Water	ND		X	X	X	X	X	X	4	
DUP-03	9-9-22	1205	G	Water	ND		X	X		X	X	X	4	
DUP-02	9-8-22	1456	G	Water	ND		X	X		X	X	X	4	
				Water										

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
Trevor Braddock	9-9-22 1640	RDH ENV.			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/9/22 - 1640	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2/5.5 °C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225722-2
1SD Number: GaBcground G

Login Number: 225722
List Number: 1
Creator: Whitley, Adrian

List Source: Eurofins Pensacola

Question	Answer	Comment
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Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225722-2
1SD Number: GaBcground G

Login Number: 225722
List Number: 2
Creator: Booker, Autumn R

List Source: Eurofins St. Louis
List Creation: 09/13/22 11:22 AM

Question	Answer	Comment
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Accreditation/Certification Summary

Client: Florida Power and Light
ProZej td ite: CCS RGuClean f nergE Center

Job ID: 400-225622-2
/ DR: y aj BgroGnd y

Laboratory: Eurofins StPLouis

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APPENDIX B

Statistical Analyses – March 2022
Semi-Annual Monitoring

SPRING 2022

GROUNDWATER STATISTICAL ANALYSIS

FOR

GULF CLEAN ENERGY CENTER

Prepared by:

Groundwater Stats Consulting LLC

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GROUNDWATER STATS CONSULTING

July 27, 2022

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 – March 2022 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 March 2022 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 did not represent the zone of groundwater quality downgradient of the site; therefore, these wells would not identify whether groundwater was 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 to naturally occurring groundwater quality in the region.

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 downgradient wells affects 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, which are constructed using pooled upgradient well data, 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 account for 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 for a given constituent 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 prediction limits 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 data sets with non-normal distributions, 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 were recommended 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 were recommended for pH and interwell methods were recommended 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 are initially selected for the statistical method until further evidence shows that the higher

downgradient 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, 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 remained excluded from statistical limits 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, 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 ranged from 5.62 s.u. to 4.71 s.u., which is in line with concentrations in neighboring wells and showed only a slight decrease in more recent data. Therefore, all background data sets were updated through March 2019, and will be re-evaluated during the next 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 – March 2022

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, using background data through March 2019, are used to evaluate the March 2022 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 are evaluated using 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 after screening for new outliers. Data from upgradient wells are periodically also re-screened for newly developing trends, which may require adjustment of the background period to eliminate the trend. No new outliers were identified during this analysis. All available upgradient well data through March 2022 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. It was noted that the reported observation for sulfate at well MW-308 is significantly higher than remaining measurements within this record which may be a result of laboratory or sampling procedures.

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 – March 2022

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. 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

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

100% Non-Detects: 100 Series

Analysis Run 1/12/2023 11:03 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL 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-104, MW-110

Selenium (mg/L)
MW-106

Thallium (mg/L)
MW-106

100% Non-Detects: 200 Series

Analysis Run 1/12/2023 12:36 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Antimony (mg/L)
MW-200

Chromium (mg/L)
MW-200

100% Non-Detects: 300 Series

Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL 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

Date Ranges

Date: 1/12/2023 9:35 AM

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Cobalt (mg/L)

MW-304 overall:6/7/2018-3/25/2022

100 Series Outlier Summary

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:10 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)			

200 Series - Outlier Summary

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:34 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)				

300 Series - Outlier Summary

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:49 PM

	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)	

Appendix III - Interwell Prediction Limits - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:14 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	3/24/2022	0.2	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	3/23/2022	8.7	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	3/23/2022	0.23	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	3/23/2022	0.36	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	3/23/2022	4.5	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-102	1.533	n/a	3/23/2022	2	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-103	1.533	n/a	3/24/2022	3.6	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.533	n/a	3/23/2022	71	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.533	n/a	3/23/2022	62	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.533	n/a	3/23/2022	4.8	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.533	n/a	3/23/2022	28	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	7.118	n/a	3/24/2022	9.8	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.118	n/a	3/23/2022	120	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	7.118	n/a	3/23/2022	10	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.118	n/a	3/23/2022	28	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.118	n/a	3/23/2022	110	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	3/23/2022	4.15	Yes	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-105	6.42	4.5	3/23/2022	6.48	Yes	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	3/23/2022	0.3	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	3/24/2022	28	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	3/23/2022	560	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	3/23/2022	24	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	3/23/2022	28	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	3/23/2022	270	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	3/23/2022	1300	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	3/23/2022	230	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	3/23/2022	630	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:15 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	3/23/2022	0.017	No	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**3/24/2022**	**0.2**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**3/23/2022**	**8.7**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**3/23/2022**	**0.23**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	3/23/2022	0.0074J	No	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**3/23/2022**	**0.36**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**3/23/2022**	**4.5**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-102**	**1.533**	**n/a**	**3/23/2022**	**2**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-103**	**1.533**	**n/a**	**3/24/2022**	**3.6**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.533**	**n/a**	**3/23/2022**	**71**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.533**	**n/a**	**3/23/2022**	**62**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.533	n/a	3/23/2022	0.48	No	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.533**	**n/a**	**3/23/2022**	**4.8**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.533**	**n/a**	**3/23/2022**	**28**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	7.118	n/a	3/23/2022	6.9	No	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**7.118**	**n/a**	**3/24/2022**	**9.8**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**7.118**	**n/a**	**3/23/2022**	**120**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**7.118**	**n/a**	**3/23/2022**	**10**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	7.118	n/a	3/23/2022	4.1	No	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.118**	**n/a**	**3/23/2022**	**28**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.118**	**n/a**	**3/23/2022**	**110**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	3/23/2022	5.02	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	3/24/2022	5.02	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**3/23/2022**	**4.15**	**Yes**	**119**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002756**	**NP Inter (normality) 1 of 2**
Field pH (SU)	**MW-105**	**6.42**	**4.5**	**3/23/2022**	**6.48**	**Yes**	**119**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002756**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-106	6.42	4.5	3/23/2022	4.99	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	3/23/2022	5	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	3/23/2022	5.01	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**3/23/2022**	**0.3**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	3/23/2022	1.8J	No	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**3/24/2022**	**28**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**3/23/2022**	**560**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**3/23/2022**	**24**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	3/23/2022	5ND	No	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**3/23/2022**	**28**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**3/23/2022**	**270**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	3/23/2022	36	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	3/24/2022	90	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**3/23/2022**	**1300**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001349**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**3/23/2022**	**230**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001349**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	3/23/2022	30	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	3/23/2022	90	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**3/23/2022**	**630**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001349**	**NP Inter (normality) 1 of 2**

Appendix III - Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:55 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-201	0.081	n/a	3/25/2022	3.4	Yes	120	n/a	n/a	80	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-206	0.081	n/a	3/25/2022	10	Yes	120	n/a	n/a	80	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-201	1.406	n/a	3/25/2022	73	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-206	1.406	n/a	3/25/2022	170	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-200	6.907	n/a	3/25/2022	76	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-201	6.907	n/a	3/25/2022	160	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-206	6.907	n/a	3/25/2022	340	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	3/25/2022	0.25	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-200	5	n/a	3/25/2022	71	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001382	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-201	5	n/a	3/25/2022	120	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001382	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-206	5	n/a	3/25/2022	160	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001382	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-200	110	n/a	3/25/2022	380	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001353	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-201	110	n/a	3/25/2022	610	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001353	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-206	110	n/a	3/25/2022	630	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001353	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:55 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	3/25/2022	0.0043J	No	120	n/a	n/a	80	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**3/25/2022**	**3.4**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001353**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**3/25/2022**	**10**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001353**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-200	1.406	n/a	3/25/2022	0.025ND	No	120	-0.3719	0.4272	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	**MW-201**	**1.406**	**n/a**	**3/25/2022**	**73**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.406**	**n/a**	**3/25/2022**	**170**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.907**	**n/a**	**3/25/2022**	**76**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.907**	**n/a**	**3/25/2022**	**160**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.907**	**n/a**	**3/25/2022**	**340**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	3/25/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**3/25/2022**	**0.25**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001353**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	3/25/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**3/25/2022**	**71**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001382**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**3/25/2022**	**120**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001382**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**3/25/2022**	**160**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001382**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**3/25/2022**	**380**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001353**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**3/25/2022**	**610**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001353**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**3/25/2022**	**630**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001353**	**NP Inter (normality) 1 of 2**

Appendix III - Intrawell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-200**	**5.263**	**4.716**	**3/25/2022**	**5.34**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**3/25/2022**	**5.21**	**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: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:28 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	3/22/2022	4.9	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	3/22/2022	5.02	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	3/22/2022	4.91	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	3/22/2022	4.89	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**	**3/25/2022**	**5.34**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	MW-201	5.704	4.463	3/25/2022	4.95	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**	**3/25/2022**	**5.21**	**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	3/22/2022	5.1	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	3/22/2022	5.18	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: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:52 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	3/24/2022	3.2	Yes	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	3/24/2022	3.4	Yes	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	3/24/2022	3.2	Yes	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.485	n/a	3/24/2022	75	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.485	n/a	3/24/2022	200	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-305	1.485	n/a	3/24/2022	3.9	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.485	n/a	3/24/2022	68	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	7.041	n/a	3/24/2022	9.2	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	7.041	n/a	3/24/2022	36	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	7.041	n/a	3/24/2022	140	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	7.041	n/a	3/24/2022	9.2	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	7.041	n/a	3/24/2022	64	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	3/24/2022	0.22	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	3/24/2022	0.14	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5	n/a	3/24/2022	180	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5	n/a	3/24/2022	680	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5	n/a	3/24/2022	18	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5	n/a	3/24/2022	1700	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	3/24/2022	440	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	3/24/2022	1400	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	3/24/2022	470	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:52 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	3/24/2022	0.035	No	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**3/24/2022**	**3.2**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**3/24/2022**	**3.4**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	3/24/2022	0.028	No	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**3/24/2022**	**3.2**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.485	n/a	3/24/2022	0.59	No	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.485**	**n/a**	**3/24/2022**	**75**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.485**	**n/a**	**3/24/2022**	**200**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-305**	**1.485**	**n/a**	**3/24/2022**	**3.9**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.485**	**n/a**	**3/24/2022**	**68**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**7.041**	**n/a**	**3/24/2022**	**9.2**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**7.041**	**n/a**	**3/24/2022**	**36**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**7.041**	**n/a**	**3/24/2022**	**140**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**7.041**	**n/a**	**3/24/2022**	**9.2**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**7.041**	**n/a**	**3/24/2022**	**64**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**3/24/2022**	**0.22**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**3/24/2022**	**0.14**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	5	n/a	3/24/2022	5ND	No	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**3/24/2022**	**180**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**3/24/2022**	**680**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-305**	**5**	**n/a**	**3/24/2022**	**18**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**3/24/2022**	**1700**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	3/24/2022	16	No	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**3/24/2022**	**440**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001351**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**3/24/2022**	**1400**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001351**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	3/24/2022	62	No	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**3/24/2022**	**470**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001351**	**NP Inter (normality) 1 of 2**

Appendix III - Intrawell Prediction Limits - 300 Series Wells - All Results (No Significant)

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:55 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	3/22/2022	4.9	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	3/22/2022	5.02	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	3/22/2022	4.91	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	3/22/2022	4.89	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	3/24/2022	4.68	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	3/24/2022	6.9	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	3/24/2022	5.83	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	3/24/2022	4.84	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	3/22/2022	5.1	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	3/22/2022	5.18	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	3/24/2022	6.68	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: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:30 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06335**	**101**	**81**	**Yes**	**20**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-104**	**3.541**	**98**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4374**	**132**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**1.481**	**125**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.725**	**129**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-105**	**0.0546**	**95**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:30 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	0	81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-36	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02768	-55	-87	No	21	14.29	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	-0.02027	-15	-87	No	21	9.524	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-41	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-9	-81	No	20	70	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06335**	**101**	**81**	**Yes**	**20**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.207	64	87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.006981	-32	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-102	-0.07445	-76	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-103	-0.1449	-81	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-104**	**3.541**	**98**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-105	0.3649	15	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02101	-64	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4374**	**132**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	0.7328	26	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.00887	31	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1123	46	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**1.481**	**125**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	-4	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	-1.878	-39	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1151	-61	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2076	-60	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**2.725**	**129**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	2.398	12	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.0144	-21	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.007234	-7	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01826	44	87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-105**	**0.0546**	**95**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-107 (bg)	-0.006427	-6	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	6	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.008985	-14	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-31	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.00781	-25	-87	No	21	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	81	No	20	95	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	3	81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	8	74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-5	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.528	-71	-87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	20.5	25	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	-0.2915	-9	-87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	9	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-109	0.8411	26	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	7.946	53	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	3	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	15	81	No	20	90	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	5.564	73	81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9099	20	81	No	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	2.554	9	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	-5.5	-15	-87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9834	41	81	No	20	35	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8773	48	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	28.03	47	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.558	68	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-81	No	20	20	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:34 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-201**	**-5.181**	**-142**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-16.33**	**-182**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-134.6**	**-140**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-482**	**-198**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-279.6**	**-146**	**-87**	**Yes**	**21**	**4.762**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-254.7**	**-105**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-969**	**-176**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-206**	**0.1138**	**110**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-60.75**	**-137**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-78.57**	**-149**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-111.5**	**-169**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-899.7**	**-175**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-744.8**	**-117**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2235**	**-155**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 200 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:34 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	0	81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-36	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-41	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-9	-81	No	20	70	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-201**	**-5.181**	**-142**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-16.33**	**-182**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.006981	-32	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02101	-64	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-134.6**	**-140**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-482**	**-198**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.00887	31	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1123	46	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1151	-61	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2076	-60	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-279.6**	**-146**	**-87**	**Yes**	**21**	**4.762**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-254.7**	**-105**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-969**	**-176**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.0144	-21	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.007234	-7	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.006427	-6	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	6	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-200	0.04883	84	87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-206**	**0.1138**	**110**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-306 (bg)	-0.008985	-14	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-31	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	81	No	20	95	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.05554	-53	-87	No	21	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	3	81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	8	74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-5	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	9	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-60.75**	**-137**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-78.57**	**-149**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-111.5**	**-169**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	3	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	15	81	No	20	90	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	5.564	73	81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9099	20	81	No	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9834	41	81	No	20	35	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8773	48	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-899.7**	**-175**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-744.8**	**-117**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2235**	**-155**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.558	68	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-81	No	20	20	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.02**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-21.42**	**-96**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	0	81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-36	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-41	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-9	-81	No	20	70	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0	4	87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2803	65	87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.4381	-60	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.006981	-32	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02101	-64	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-303	3.615	56	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	2.693	25	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-305	-0.01299	-8	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.00887	31	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-2.581	-46	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1123	46	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1151	-61	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2076	-60	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0.03615	28	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	0.4639	7	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-3.927	-20	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.08985	33	87	No	21	4.762	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-308	4.726	31	87	No	21	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-31	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	81	No	20	95	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-303	0.02967	85	87	No	21	4.762	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	3	81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.02**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	8	74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-5	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	9	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-303	0	7	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	12.65	13	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-305	0	13	81	No	20	70	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	3	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	15	81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-21.42**	**-96**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	5.564	73	81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9099	20	81	No	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9834	41	81	No	20	35	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8773	48	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	15.13	19	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	7.783	10	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.558	68	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-20.26	-48	-87	No	21	0	n/a	n/a	0.01	NP

Upper Tolerance Limit Summary Table

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 2:06 PM

Constituent	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0005	n/a	n/a	n/a	n/a	102	n/a	n/a	100	n/a	n/a	0.005343	NP Inter(NDs)
Arsenic (mg/L)	0.0013	n/a	n/a	n/a	n/a	114	n/a	n/a	81.58	n/a	n/a	0.002887	NP Inter(NDs)
Barium (mg/L)	0.023	n/a	n/a	n/a	n/a	114	n/a	n/a	0	n/a	n/a	0.002887	NP Inter(normality)
Beryllium (mg/L)	0.0015	n/a	n/a	n/a	n/a	114	n/a	n/a	89.47	n/a	n/a	0.002887	NP Inter(NDs)
Cadmium (mg/L)	0.0005	n/a	n/a	n/a	n/a	114	n/a	n/a	100	n/a	n/a	0.002887	NP Inter(NDs)
Chromium (mg/L)	0.0088	n/a	n/a	n/a	n/a	113	n/a	n/a	81.42	n/a	n/a	0.003039	NP Inter(NDs)
Cobalt (mg/L)	0.0032	n/a	n/a	n/a	n/a	114	n/a	n/a	36.84	n/a	n/a	0.002887	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	2.328	n/a	n/a	n/a	n/a	114	1.031	0.2598	2.632	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	0.12	n/a	n/a	n/a	n/a	120	n/a	n/a	94.17	n/a	n/a	0.002122	NP Inter(NDs)
Lead (mg/L)	0.001	n/a	n/a	n/a	n/a	114	n/a	n/a	93.86	n/a	n/a	0.002887	NP Inter(NDs)
Lithium (mg/L)	0.0054	n/a	n/a	n/a	n/a	113	n/a	n/a	68.14	n/a	n/a	0.003039	NP Inter(NDs)
Mercury (mg/L)	0.00025	n/a	n/a	n/a	n/a	114	n/a	n/a	94.74	n/a	n/a	0.002887	NP Inter(NDs)
Molybdenum (mg/L)	0.0042	n/a	n/a	n/a	n/a	114	n/a	n/a	93.86	n/a	n/a	0.002887	NP Inter(NDs)
Selenium (mg/L)	0.0025	n/a	n/a	n/a	n/a	114	n/a	n/a	82.46	n/a	n/a	0.002887	NP Inter(NDs)
Thallium (mg/L)	0.00015	n/a	n/a	n/a	n/a	114	n/a	n/a	99.12	n/a	n/a	0.002887	NP Inter(NDs)

GULF CLEAN ENERGY CENTER GWPS				
Constituent Name	**MCL**	**CCR Rule Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0005	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		0.0005	0.005
Chromium, Total (mg/L)	0.1		0.0088	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)	n/a	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	0.0042	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

CCR = Coal Combustion Residuals

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01503**	**0.006**	**Yes**	**19**	**0.018**	**0.005066**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.2**	**13.43**	**5**	**Yes**	**19**	**15.81**	**4.075**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.08**	**5.535**	**5**	**Yes**	**19**	**6.307**	**1.32**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.005726**	**0.003468**	**0.002**	**Yes**	**19**	**0.004597**	**0.001928**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0005	0.00025	0.01	No	19	0.0002632	0.00005735	94.74	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	19	0.0003579	0.0004264	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.006592	0.002349	0.01	No	19	0.00447	0.003623	5.263	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0054	0.0036	0.01	No	19	0.004721	0.001751	0	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.00048	0.00025	0.01	No	19	0.0003068	0.0001992	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	19	0.0003342	0.0001551	57.89	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-102	0.01098	0.00918	2	No	19	0.01008	0.001535	0	None	No	0.01	Param.
Barium (mg/L)	MW-103	0.05765	0.03929	2	No	19	0.04847	0.01568	0	None	No	0.01	Param.
Barium (mg/L)	MW-104	0.02552	0.02048	2	No	19	0.023	0.004308	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04588	0.03465	2	No	19	0.04026	0.009591	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0097	2	No	19	0.011	0.00187	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02312	0.01858	2	No	19	0.021	0.004123	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	MW-110	0.04461	0.03328	2	No	19	0.03895	0.009675	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0005	0.00011	0.004	No	19	0.0004795	0.00008947	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001126	0.0007178	0.004	No	19	0.0009221	0.000349	5.263	None	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.0005	0.000044	0.004	No	19	0.000476	0.0001046	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0005	0.00013	0.004	No	19	0.0004586	0.0001242	89.47	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00056	0.00049	0.005	No	19	0.0005111	0.00008212	47.37	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.0005	0.000078	0.005	No	19	0.0004778	0.00009681	94.74	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0005	0.00032	0.005	No	19	0.00047	0.00009644	89.47	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.0012	0.1	No	19	0.002535	0.001073	78.95	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.003	0.0011	0.1	No	19	0.002692	0.001802	68.42	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.002086	0.001389	0.1	No	19	0.002095	0.0005349	21.05	Kaplan-Meier	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002502	0.00177	0.1	No	19	0.002136	0.0006247	5.263	None	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0044	0.0019	0.1	No	19	0.002568	0.0004643	89.47	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0061	0.0025	0.1	No	19	0.0034	0.003161	89.47	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0025	0.0016	0.1	No	19	0.002233	0.0006745	78.95	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00088	0.006	No	19	0.002172	0.0007892	84.21	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00041	0.006	No	19	0.001743	0.001033	63.16	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01503**	**0.006**	**Yes**	**19**	**0.018**	**0.005066**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	19	0.002179	0.0007699	84.21	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.00044	0.006	No	19	0.00119	0.0009302	31.58	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.007109	0.003643	0.006	No	19	0.005629	0.003174	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-110	0.0125	0.005814	0.006	No	19	0.009716	0.006339	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-102	1.821	1.254	5	No	19	1.56	0.5182	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.636	4.848	5	No	19	5.742	1.527	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.2**	**13.43**	**5**	**Yes**	**19**	**15.81**	**4.075**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.024	2.534	5	No	19	3.354	1.345	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.288	0.778	5	No	19	1.061	0.4765	5.263	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	3.074	1.751	5	No	19	2.412	1.13	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.08**	**5.535**	**5**	**Yes**	**19**	**6.307**	**1.32**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.24	0.037	4	No	20	0.1039	0.035	90	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3551	0.2572	4	No	21	0.3062	0.08874	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	20	0.08055	0.02792	65	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.05	4	No	20	0.0975	0.01118	95	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	20	0.07745	0.02907	60	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-102	0.00025	0.00018	0.015	No	19	0.0002405	0.00002915	89.47	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00025	0.00011	0.015	No	19	0.0002426	0.00003212	94.74	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002336	0.001854	0.015	No	19	0.002095	0.0004116	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	19	0.0002779	0.0001559	89.47	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00025	0.015	No	19	0.0002574	0.00003212	94.74	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	19	0.0003065	0.0002429	78.95	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00025	0.015	No	19	0.0002737	0.00004573	73.68	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-102	0.0012	0.0009	0.04	No	19	0.001026	0.0001046	84.21	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.001	0.04	No	19	0.001545	0.000792	42.11	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03197	0.01998	0.04	No	19	0.02684	0.01143	0	None	x^(1/3)	0.01	Param.
Lithium (mg/L)	MW-105	0.001	0.00039	0.04	No	19	0.0009679	0.0001399	94.74	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0012	0.00068	0.04	No	19	0.001437	0.001542	68.42	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-109	0.006557	0.005241	0.04	No	19	0.005932	0.001183	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.012	0.0073	0.04	No	19	0.01399	0.0191	0	None	No	0.01	NP (normality)

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	19	0.0001888	0.00003342	89.47	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00016	0.002	No	19	0.0002158	0.00009991	84.21	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.00122	0.0006608	0.002	No	19	0.0009779	0.0005263	0	None	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	19	0.0001937	0.00002753	94.74	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.00047	0.0002	0.002	No	19	0.000543	0.0007568	63.16	None	No	0.01	NP (NDs)
Mercury (mg/L)	**MW-110**	**0.005726**	**0.003468**	**0.002**	**Yes**	**19**	**0.004597**	**0.001928**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.015	0.00091	0.1	No	19	0.01426	0.003232	94.74	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.015	0.00092	0.1	No	19	0.01426	0.00323	94.74	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.005757	0.003722	0.1	No	19	0.004837	0.001887	5.263	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.015	0.00068	0.1	No	19	0.01425	0.003285	94.74	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.015	0.0009	0.1	No	19	0.01426	0.003235	94.74	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.00028	0.00025	0.05	No	19	0.00029	0.0001729	73.68	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.002742	0.001734	0.05	No	19	0.002238	0.0008602	5.263	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01092	0.005381	0.05	No	19	0.008579	0.005251	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-105	0.0004	0.00025	0.05	No	19	0.0003032	0.00009696	57.89	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.00035	0.00024	0.05	No	19	0.0002521	0.00002637	84.21	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003697	0.003209	0.05	No	19	0.003453	0.0004168	0	None	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.0001	0.002	No	19	0.0001058	0.00002524	94.74	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.00015	0.000026	0.002	No	19	0.00009874	0.00002101	89.47	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.000335	0.000225	0.002	No	19	0.00028	0.00009399	5.263	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00012	0.0001	0.002	No	19	0.0001084	0.00003219	89.47	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.00012	0.0001	0.002	No	19	0.0001011	0.000004588	94.74	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002927	0.0002252	0.002	No	19	0.0002526	0.00006789	5.263	None	x^2	0.01	Param.

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**14.61**	**6.823**	**5**	**Yes**	**19**	**11.37**	**7.023**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**19**	**12.62**	**7.574**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**7.14**	**5**	**Yes**	**19**	**19.23**	**12.32**	**0**	**None**	**No**	**0.01**	**NP (normality)**

Confidence Interval Summary Table - 200 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	17	0.002324	0.0004982	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	17	0.002418	0.0003395	94.12	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.001701	0.0004671	0.01	No	19	0.001692	0.001803	26.32	Kaplan-Meier	ln(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0043	0.00025	0.01	No	19	0.002305	0.003164	47.37	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.008016	0.001701	0.01	No	19	0.005886	0.006388	10.53	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.05948	0.03171	2	No	19	0.0456	0.02371	5.263	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.06439	0.03793	2	No	19	0.05116	0.0226	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1003	0.05627	2	No	19	0.07827	0.03757	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	19	0.002371	0.0005632	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	19	0.002372	0.0005577	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00055	0.004	No	19	0.002052	0.0008958	78.95	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	18	0.002012	0.0008246	72.22	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.013	0.0015	0.005	No	19	0.005592	0.005545	5.263	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.002114	0.0008688	0.005	No	19	0.001648	0.001055	10.53	None	x^(1/3)	0.01	Param.
Chromium (mg/L)	MW-201	0.0011	0.0005	0.1	No	16	0.0007125	0.0004884	81.25	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0005	0.1	No	16	0.0006313	0.000525	93.75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0019	0.0005	0.006	No	19	0.001203	0.0007407	26.32	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-201	0.00262	0.00119	0.006	No	19	0.002028	0.001355	5.263	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004306	0.002112	0.006	No	19	0.003209	0.001874	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**14.61**	**6.823**	**5**	**Yes**	**19**	**11.37**	**7.023**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**19**	**12.62**	**7.574**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**7.14**	**5**	**Yes**	**19**	**19.23**	**12.32**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Fluoride (mg/L)	MW-200	0.1	0.06	4	No	20	0.08995	0.05439	25	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7106	0.4599	4	No	21	0.5852	0.2272	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.07724	0.05102	4	No	21	0.06557	0.02511	9.524	None	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001053	0.0004504	0.015	No	19	0.0008474	0.0005669	21.05	Kaplan-Meier	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-201	0.0005	0.00025	0.015	No	19	0.0003442	0.0001435	63.16	Kaplan-Meier	No	0.01	NP (NDs)
Lead (mg/L)	MW-206	0.0092	0.00076	0.015	No	19	0.004816	0.004153	5.263	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	19	0.004795	0.001694	78.95	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0069	0.0033	0.04	No	19	0.006474	0.007101	15.79	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0029	0.04	No	19	0.0045	0.001226	84.21	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002022	0.000791	0.002	No	19	0.001406	0.001051	10.53	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00016	0.002	No	19	0.001174	0.001059	10.53	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.00064	0.00016	0.002	No	19	0.0003384	0.0002529	36.84	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-200	0.0078	0.003	0.1	No	17	0.003282	0.001164	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.003	0.0015	0.1	No	17	0.002912	0.0003638	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.003	0.00092	0.1	No	17	0.002878	0.0005045	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01089	0.004113	0.05	No	19	0.008217	0.005884	5.263	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01004	0.00398	0.05	No	19	0.007832	0.005536	0	None	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-206	0.01748	0.01109	0.05	No	19	0.01428	0.005454	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0004	0.0001	0.002	No	19	0.000202	0.0001508	36.84	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.0003803	0.0001744	0.002	No	19	0.0002774	0.0001758	10.53	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0006725	0.0002658	0.002	No	19	0.00051	0.0003354	10.53	None	sqrt(x)	0.01	Param.

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.28**	**5**	**Yes**	**19**	**6.106**	**1.921**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**MW-303**	**1.426**	**0.7566**	**0.1**	**Yes**	**19**	**1.137**	**0.6132**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0012	0.00025	0.01	No	17	0.0006976	0.0006551	52.94	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-304	0.00177	0.0004221	0.01	No	14	0.001494	0.001734	21.43	Kaplan-Meier	ln(x)	0.01	Param.
Arsenic (mg/L)	MW-305	0.00042	0.00025	0.01	No	17	0.0002924	0.00009801	82.35	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00025	0.01	No	17	0.0004329	0.0005244	82.35	Kaplan-Meier	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.011	2	No	19	0.01137	0.0007609	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04677	0.03047	2	No	19	0.04037	0.01612	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04289	0.02943	2	No	19	0.03616	0.0115	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	19	0.01932	0.005518	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02753	0.02205	2	No	19	0.02479	0.004685	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.0025	0.000074	0.004	No	16	0.002348	0.0006065	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0025	0.000075	0.005	No	19	0.002372	0.0005563	94.74	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0025	0.00039	0.005	No	19	0.001219	0.001011	36.84	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-304	0.0042	0.001	0.005	No	19	0.002417	0.0006726	84.21	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0025	0.000076	0.005	No	19	0.002372	0.0005561	94.74	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0025	0.000089	0.005	No	19	0.002373	0.0005531	94.74	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0012	0.1	No	16	0.002494	0.0004568	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0014	0.1	No	16	0.00235	0.0004115	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0021	0.1	No	16	0.002337	0.0003862	75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.002	0.1	No	16	0.002331	0.0003911	75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.0025	0.0022	0.1	No	16	0.002376	0.0004217	87.5	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.0025	0.00093	0.006	No	19	0.00206	0.0008868	78.95	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0025	0.00056	0.006	No	19	0.001504	0.0009754	47.37	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-304	0.05045	0.005293	0.006	No	10	0.04298	0.09059	0	None	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.0025	0.00045	0.006	No	19	0.001326	0.0009623	36.84	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.0025	0.00063	0.006	No	19	0.002299	0.0006008	89.47	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.5	4.795	5	No	19	5.147	0.6016	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.28**	**5**	**Yes**	**19**	**6.106**	**1.921**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	MW-304	7.009	4.193	5	No	19	5.601	2.405	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.694	1.233	5	No	19	1.5	0.4681	0	None	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.016	2.302	5	No	19	2.659	0.6097	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	20	0.09705	0.01319	95	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.249	0.1672	4	No	21	0.2081	0.0742	4.762	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.06	4	No	20	0.123	0.1406	45	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	20	0.09335	0.02047	90	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1424	0.089	4	No	21	0.1157	0.04843	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.00039	0.015	No	16	0.001167	0.0003676	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.00011	0.015	No	16	0.001226	0.0002975	93.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.0014	0.00047	0.015	No	16	0.001006	0.0004235	56.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0036	0.04	No	19	0.004276	0.001551	78.95	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.029	0.022	0.04	No	19	0.02516	0.004072	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-304	0.005	0.0027	0.04	No	19	0.004463	0.001827	63.16	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-305	0.005	0.0025	0.04	No	19	0.004206	0.001627	78.95	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.005	0.0021	0.04	No	19	0.004242	0.00152	78.95	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.0002	0.00019	0.002	No	19	0.0001995	0.000002294	94.74	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.0005246	0.0001801	0.002	No	19	0.0004319	0.0003161	26.32	Kaplan-Meier	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-305	0.0018	0.00014	0.002	No	19	0.0002811	0.0003681	89.47	Kaplan-Meier	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.00042	0.000087	0.002	No	19	0.0002056	0.00005801	89.47	Kaplan-Meier	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.426**	**0.7566**	**0.1**	**Yes**	**19**	**1.137**	**0.6132**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.015	0.0033	0.1	No	19	0.01091	0.005592	63.16	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-305	0.015	0.0016	0.1	No	19	0.01352	0.00443	89.47	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.015	0.002	0.1	No	19	0.01358	0.004263	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.0058	0.003611	0.05	No	19	0.004705	0.001869	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006396	0.004048	0.05	No	18	0.005222	0.001941	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00027	0.00025	0.05	No	19	0.0002784	0.0001191	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005478	0.003543	0.05	No	19	0.004511	0.001653	0	None	No	0.01	Param.
Thallium (mg/L)	MW-303	0.0002444	0.0001858	0.002	No	19	0.0002168	0.00005292	10.53	None	sqrt(x)	0.01	Param.
Thallium (mg/L)	MW-304	0.00029	0.00014	0.002	No	19	0.0002397	0.0001465	21.05	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-308	0.0002911	0.0002257	0.002	No	19	0.0002584	0.0000558	10.53	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: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:14 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	3/24/2022	0.2	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	3/23/2022	8.7	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	3/23/2022	0.23	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	3/23/2022	0.36	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	3/23/2022	4.5	Yes	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-102	1.533	n/a	3/23/2022	2	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-103	1.533	n/a	3/24/2022	3.6	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.533	n/a	3/23/2022	71	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.533	n/a	3/23/2022	62	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.533	n/a	3/23/2022	4.8	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.533	n/a	3/23/2022	28	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-103	7.118	n/a	3/24/2022	9.8	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.118	n/a	3/23/2022	120	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-105	7.118	n/a	3/23/2022	10	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.118	n/a	3/23/2022	28	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.118	n/a	3/23/2022	110	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	3/23/2022	4.15	Yes	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-105	6.42	4.5	3/23/2022	6.48	Yes	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	3/23/2022	0.3	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5	n/a	3/24/2022	28	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5	n/a	3/23/2022	560	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5	n/a	3/23/2022	24	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5	n/a	3/23/2022	28	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5	n/a	3/23/2022	270	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	3/23/2022	1300	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	3/23/2022	230	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	3/23/2022	630	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:15 AM

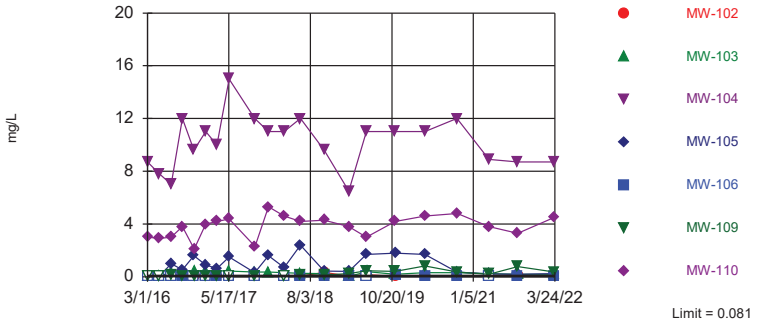
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	3/23/2022	0.017	No	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**3/24/2022**	**0.2**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**3/23/2022**	**8.7**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**3/23/2022**	**0.23**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-106	0.081	n/a	3/23/2022	0.0074J	No	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**3/23/2022**	**0.36**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**3/23/2022**	**4.5**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-102**	**1.533**	**n/a**	**3/23/2022**	**2**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-103**	**1.533**	**n/a**	**3/24/2022**	**3.6**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.533**	**n/a**	**3/23/2022**	**71**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.533**	**n/a**	**3/23/2022**	**62**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-106	1.533	n/a	3/23/2022	0.48	No	120	-0.3719	0.4272	0	None	ln(x)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	**MW-109**	**1.533**	**n/a**	**3/23/2022**	**4.8**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.533**	**n/a**	**3/23/2022**	**28**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-102	7.118	n/a	3/23/2022	6.9	No	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-103**	**7.118**	**n/a**	**3/24/2022**	**9.8**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-104**	**7.118**	**n/a**	**3/23/2022**	**120**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-105**	**7.118**	**n/a**	**3/23/2022**	**10**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-106	7.118	n/a	3/23/2022	4.1	No	120	2.298	0.1978	0	None	sqrt(x)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.118**	**n/a**	**3/23/2022**	**28**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.118**	**n/a**	**3/23/2022**	**110**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	3/23/2022	5.02	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	3/24/2022	5.02	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**3/23/2022**	**4.15**	**Yes**	**119**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002756**	**NP Inter (normality) 1 of 2**
Field pH (SU)	**MW-105**	**6.42**	**4.5**	**3/23/2022**	**6.48**	**Yes**	**119**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002756**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-106	6.42	4.5	3/23/2022	4.99	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	3/23/2022	5	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	3/23/2022	5.01	No	119	n/a	n/a	0	n/a	n/a	0.0002756	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-104**	**0.12**	**n/a**	**3/23/2022**	**0.3**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001349**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-105	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	3/23/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-102	5	n/a	3/23/2022	1.8J	No	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-103**	**5**	**n/a**	**3/24/2022**	**28**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5**	**n/a**	**3/23/2022**	**560**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5**	**n/a**	**3/23/2022**	**24**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5	n/a	3/23/2022	5ND	No	119	n/a	n/a	77.31	n/a	n/a	0.0001378	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5**	**n/a**	**3/23/2022**	**28**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5**	**n/a**	**3/23/2022**	**270**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001378**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	3/23/2022	36	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	3/24/2022	90	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**3/23/2022**	**1300**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001349**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**3/23/2022**	**230**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001349**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	3/23/2022	30	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	3/23/2022	90	No	120	n/a	n/a	23.33	n/a	n/a	0.0001349	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**3/23/2022**	**630**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001349**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 120 background values. 80% NDs. Annual per-constituent alpha = 0.001887. Individual comparison alpha = 0.0001349 (1 of 2). Comparing 7 points to limit.

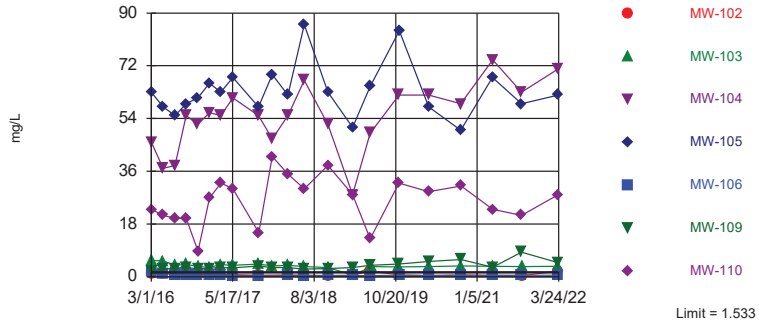
Constituent: Boron Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Exceeds Limit: MW-102, MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3719, Std. Dev.=0.4272, n=120. Normality test: Chi Squared @alpha = 0.01, calculated = 13.33, critical = 14.07. Kappa = 1.87 (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.

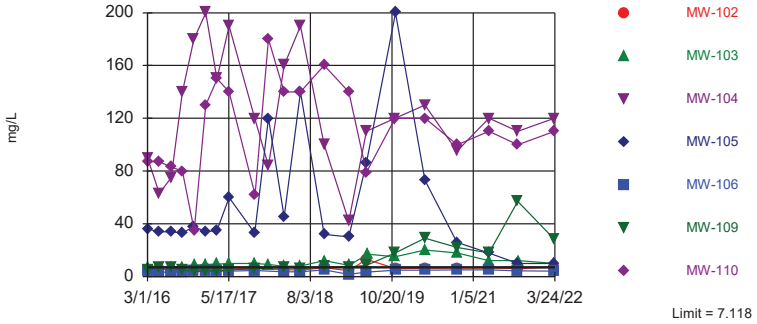
Constituent: Calcium Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=2.298, Std. Dev.=0.1978, n=120. Normality test: Chi Squared @alpha = 0.01, calculated = 12.5, critical = 14.07. Kappa = 1.87 (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.

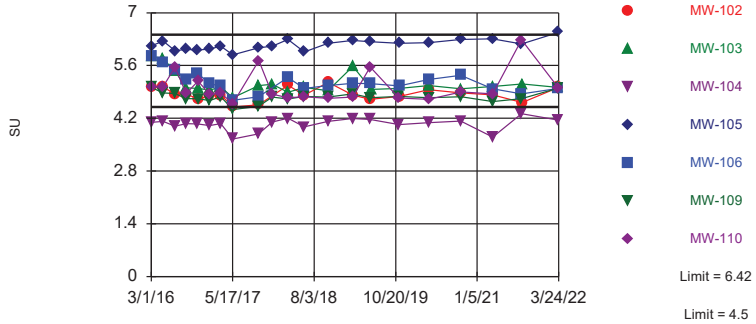
Constituent: Chloride Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Exceeds Limits: MW-104, MW-105

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 119 background values. Annual per-constituent alpha = 0.003855. Individual comparison alpha = 0.0002756 (1 of 2). Comparing 7 points to limit.

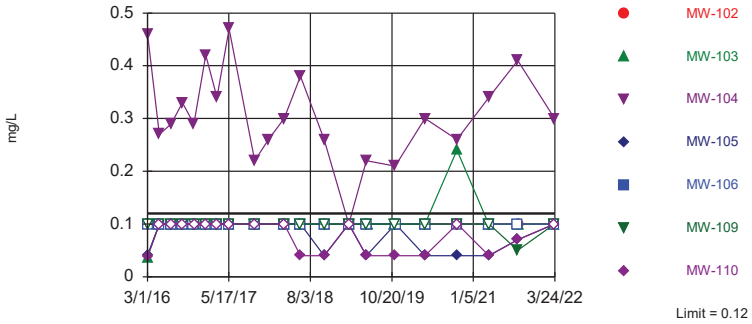
Constituent: Field pH Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-104

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 120 background values. 94.17% NDs. Annual per-constituent alpha = 0.001887. Individual comparison alpha = 0.0001349 (1 of 2). Comparing 7 points to limit.

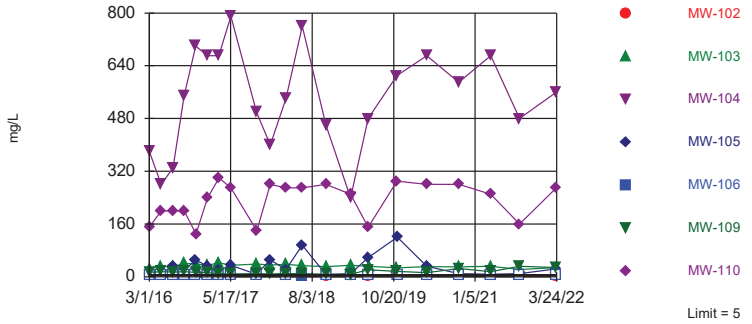
Constituent: Fluoride Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 119 background values. 77.31% NDs. Annual per-constituent alpha = 0.001928. Individual comparison alpha = 0.0001378 (1 of 2). Comparing 7 points to limit.

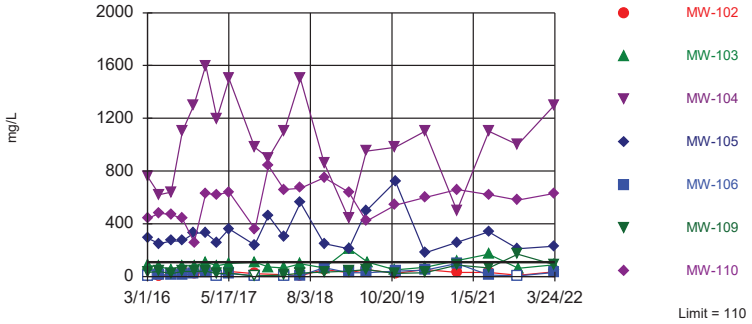
Constituent: Sulfate Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-104, MW-105, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 120 background values. 23.33% NDs. Annual per-constituent alpha = 0.001887. Individual comparison alpha = 0.0001349 (1 of 2). Comparing 7 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-106	MW-306 (bg)	MW-103	MW-105	MW-104
2/29/2016	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05	<0.05 (*)	<0.05 (*)	8.7
3/2/2016									
5/2/2016	<0.05	<0.05		<0.05					
5/3/2016						<0.05			
5/4/2016			<0.05		<0.05 (*)				
5/5/2016							<0.05 (*)	<0.05 (*)	7.8
7/5/2016	<0.05	<0.05		<0.05		<0.05			
7/7/2016							0.33	1	7
7/8/2016			<0.05		<0.05				
9/6/2016	<0.05	<0.05	<0.05	<0.05		<0.05			
9/7/2016					0.022 (J)		0.37	0.53	12
11/7/2016	<0.05	<0.05		<0.05		<0.05			
11/9/2016					<0.05			1.6	9.6
11/10/2016			<0.05				0.43		
1/9/2017	<0.05	<0.05		<0.05		<0.05			
1/11/2017			<0.05		<0.05			0.9	11
1/12/2017							0.44		
3/13/2017	<0.05	0.022 (J)		<0.05		<0.05			
3/14/2017			<0.05		0.071			0.63	10
3/15/2017							0.46		
5/15/2017	<0.05	<0.05		<0.05		<0.05			
5/18/2017			<0.05		<0.05 (*)		0.44	1.5	15
10/2/2017	<0.05	0.023 (J)		<0.05		<0.05			
10/5/2017			<0.05		<0.05			0.32	12
10/6/2017							0.37		
12/19/2017							0.35 (R)	1.6 (R)	11 (R)
3/12/2018	<0.05	<0.05		<0.05		<0.05			
3/14/2018			<0.05		<0.05		0.32	0.7	11
6/5/2018	<0.05	<0.05		<0.05					
6/6/2018						<0.05			
6/10/2018			<0.05		0.066			2.4	12
6/11/2018							0.26		
10/16/2018	<0.05	<0.05		<0.05					
10/17/2018						<0.05			
10/18/2018			0.081		0.067		0.25	0.43	9.6
10/19/2018									
2/27/2019	<0.05	<0.05	<0.05	<0.05		<0.05			
3/1/2019					0.048 (J)			0.4	6.5
3/2/2019							<0.05		
5/31/2019	<0.05	<0.05	<0.05	<0.05		<0.05			
6/3/2019					<0.05			1.7	11
6/11/2019							0.39		
11/6/2019	0.017 (V)	0.022 (V)	0.016 (V)	0.016 (V)		0.011 (V)			
11/7/2019							0.19		11
11/9/2019					0.097 (V)			1.8	
4/16/2020	0.02	0.017	0.013	0.013		0.0075 (J)			
4/17/2020					0.07		0.31		
4/18/2020								1.7	11
10/7/2020	<0.05	<0.05	<0.05	<0.05		<0.05			
10/8/2020					0.031 (J)		0.31	0.37	12
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-106	MW-306 (bg)	MW-103	MW-105	MW-104
3/29/2021	<0.05	<0.05	<0.05	<0.05		<0.05			
3/30/2021					<0.05		0.23	0.22	
3/31/2021									8.9
9/2/2021	0.021 (J)	0.022 (J)	<0.05	0.018 (J)		<0.05			
9/3/2021					0.021 (J)			0.2	8.7
9/7/2021							0.19		
3/22/2022	0.013	0.017	0.012	0.013		0.009 (J)			
3/23/2022					0.0074 (J)			0.23	8.7
3/24/2022							0.2		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-307 (bg)	MW-109	MW-110
2/29/2016				
3/1/2016	<0.05	<0.05		
3/2/2016			<0.05 (*)	3
5/2/2016		<0.05		
5/3/2016				
5/4/2016				
5/5/2016	<0.05		<0.05 (*)	2.9
7/5/2016		<0.05		
7/7/2016	<0.05		0.1	3
7/8/2016				
9/6/2016	<0.05	<0.05		
9/7/2016			0.073	3.8
11/7/2016		<0.05		
11/9/2016				
11/10/2016	<0.05		0.073	2.1
1/9/2017		<0.05		
1/11/2017				
1/12/2017	<0.05		0.059	4
3/13/2017		<0.05		
3/14/2017			0.044 (J)	
3/15/2017	<0.05			4.2
5/15/2017		<0.05		
5/18/2017	<0.05		<0.05 (*)	4.4
10/2/2017		<0.05		
10/5/2017			0.047 (J)	
10/6/2017	<0.05			2.3
12/19/2017				5.3 (R)
3/12/2018		<0.05		
3/14/2018	<0.05		<0.05	4.6
6/5/2018				
6/6/2018		<0.05		
6/10/2018				
6/11/2018	<0.05		0.11	4.2
10/16/2018				
10/17/2018		<0.05		
10/18/2018			0.15	4.3
10/19/2018	0.34			
2/27/2019		<0.05		
3/1/2019			0.23	3.8
3/2/2019	<0.05			
5/31/2019		<0.05		
6/3/2019	0.17		0.45	3
6/11/2019				
11/6/2019		0.0099 (J)		
11/7/2019			0.42	4.2
11/9/2019	0.023 (J)			
4/16/2020		0.0055 (J)		
4/17/2020			0.83	4.6
4/18/2020	0.012			
10/7/2020		<0.05		
10/8/2020	0.033 (J)			
10/9/2020			0.37	4.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-307 (bg)	MW-109	MW-110
3/29/2021		<0.05		
3/30/2021	<0.05			
3/31/2021			0.2	3.8
9/2/2021		<0.05		
9/3/2021			0.77	3.3
9/7/2021	<0.05			
3/22/2022		0.0063 (J)		
3/23/2022	0.017		0.36	4.5
3/24/2022				

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-104	MW-102	MW-306 (bg)	MW-105	MW-307 (bg)
2/29/2016	1	1.4	1 (J)	0.67					
3/1/2016					46	0.99 (J)	0.6	63	1.5
3/2/2016									
5/2/2016	0.78	1.1		0.58					0.83
5/3/2016							0.55		
5/4/2016			0.62						
5/5/2016					37	1.2		58	
7/5/2016	0.65	0.94		0.43			0.53		1.6
7/7/2016					38	1.1		55	
7/8/2016			0.4						
9/6/2016	0.7	1	0.45	0.48		1	0.5		1.6
9/7/2016					55			59	
11/7/2016	0.8	1.2		0.56			0.68		1.5
11/9/2016					52			61	
11/10/2016			0.44			0.73			
1/9/2017	0.74	1.2		0.43			0.56		0.98
1/11/2017			0.42		56			66	
1/12/2017						0.63			
3/13/2017	0.78	1.3		0.48			0.62		0.75
3/14/2017			0.42		55			63	
3/15/2017						0.72			
5/15/2017	0.76	1		0.37			0.58		0.83
5/18/2017			0.38		61	0.71		68	
10/2/2017	0.78	1.2		0.47			0.62		0.83
10/5/2017			0.39		55			58	
10/6/2017						0.56			
12/19/2017					47 (R)			69 (R)	
3/12/2018	0.88	1.4		0.49			0.59		0.71
3/14/2018			0.49		55	0.63		62	
6/5/2018	0.9	1.2		0.49					
6/6/2018							0.59		0.68
6/10/2018			0.39		67			86	
6/11/2018						0.55			
10/16/2018	0.86	1.4		0.42					
10/17/2018							0.54		0.66
10/18/2018			0.41		52			63	
10/19/2018						0.37			
2/27/2019	0.96	1.3	0.44	0.56			0.63		0.7
3/1/2019					28			51	
3/2/2019						0.57			
5/31/2019	0.76	1.1	0.28	0.33			0.45		0.52
6/3/2019					49	2		65	
6/11/2019									
11/6/2019	0.88	1.2	0.46	0.49			0.55		0.74
11/7/2019					62				
11/9/2019						0.61 (V)		84	
4/16/2020	0.84	1.3	0.38	0.36			0.53		0.59
4/17/2020									
4/18/2020					62	0.45		58	
10/7/2020	0.93	1.6	0.47	0.43			0.63		0.67
10/8/2020					59	0.67		50	
10/9/2020									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-104	MW-102	MW-306 (bg)	MW-105	MW-307 (bg)
3/29/2021	1	1.6	0.43	0.46			0.68		0.75
3/30/2021						0.47		68	
3/31/2021					74				
9/2/2021	1.1	1.5	0.63	0.47			0.56		0.73
9/3/2021					63			59	
9/7/2021						0.39			
3/22/2022	0.9	1.6	0.38	0.33			0.81		0.7
3/23/2022					71	2		62	
3/24/2022									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	5.6	1.8		
3/2/2016			23	2
5/2/2016				
5/3/2016				
5/4/2016		1.1		
5/5/2016	5.4		21	2.6
7/5/2016				
7/7/2016	3.9		20	2.9
7/8/2016		0.82		
9/6/2016				
9/7/2016	4.2	0.57	20	3.1
11/7/2016				
11/9/2016		0.62		
11/10/2016	3.5		8.7	2.7
1/9/2017				
1/11/2017		0.44		
1/12/2017	3.3		27	2.9
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	30	3
10/2/2017				
10/5/2017		0.39		3.7
10/6/2017	4.3		15	
12/19/2017	3.7 (R)		41 (R)	3.1 (R)
3/12/2018				
3/14/2018	3.9	0.47	35	3.1
6/5/2018				
6/6/2018				
6/10/2018		0.39		
6/11/2018	3.5		30	2.6
10/16/2018				
10/17/2018				
10/18/2018	3.1	0.47	38	2.8
10/19/2018				
2/27/2019				
3/1/2019		0.46	28	3.1
3/2/2019	0.56			
5/31/2019				
6/3/2019		0.38	13	3.9
6/11/2019	3.5			
11/6/2019				
11/7/2019	3.4		32	4.3
11/9/2019		0.56 (V)		
4/16/2020				
4/17/2020	3.5	0.42	29	5.2
4/18/2020				
10/7/2020				
10/8/2020	3.7	0.51		
10/9/2020			31	5.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
3/29/2021				
3/30/2021	3.6	0.49		
3/31/2021			23	3.3
9/2/2021				
9/3/2021		0.51	21	8.4
9/7/2021	3.5			
3/22/2022				
3/23/2022		0.48	28	4.8
3/24/2022	3.6			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-106	MW-306 (bg)	MW-103	MW-105	MW-104
2/29/2016	5.3	7.4	5.4	8.1					
3/1/2016					4.4	5.6	6.6	36	90
3/2/2016									
5/2/2016	4.4	6.3		6					
5/3/2016						5.1			
5/4/2016			4.5		3				
5/5/2016							6.5	34	63
7/5/2016	4.2	4.8		5.2		4.7			
7/7/2016							7.3	34	75
7/8/2016			4.9		3.5				
9/6/2016	4.3	6	4.3	5.5		4.4			
9/7/2016					3.3		7.4	33	140
11/7/2016	4.2	5.7		5.4		4.6			
11/9/2016					3.9			38	180
11/10/2016			4.5				8.4		
1/9/2017	5.3	6.8		6.1		5.3			
1/11/2017			5.3		4.1			34	200
1/12/2017							9.2		
3/13/2017	5.2	6.8		5.5		5.6			
3/14/2017			5.5		4			35	150
3/15/2017							9.5		
5/15/2017	4.8	6.1		4.7		5.2			
5/18/2017			5		4		9.9	60	190
10/2/2017	5.5	6		6.1		5.5			
10/5/2017			5.6		4.5			33	120
10/6/2017							10		
12/19/2017							9.3 (R)	120 (R)	84 (R)
3/12/2018	5.3	5.9		6.1		5.6			
3/14/2018			5.2		3.7		7.7	45	160
6/5/2018	5.3	6.5		5.5					
6/6/2018						5.6			
6/10/2018			5.2		3.6			140	190
6/11/2018							8		
10/16/2018	5.5	5.9		5.1					
10/17/2018						5.5			
10/18/2018			5.2		5		12	32	100
10/19/2018									
2/27/2019	4.6	4.3	5.1	5		5.1			
3/1/2019					1.7 (J)			30	42
3/2/2019							8.5		
5/31/2019	5.1	4.5	5	5.4		5.4			
6/3/2019					3.3			86	110
6/11/2019							17		
11/6/2019	5.8	5.7	6	6.1		5.9			
11/7/2019							15		120
11/9/2019					4.7			200	
4/16/2020	6.1	5.6	5.8	5.3		6.2			
4/17/2020					4.8		20		
4/18/2020								73	130
10/7/2020	6.6	5.1	5.9	5.7		6.1			
10/8/2020					5		18	26	95
10/9/2020									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-106	MW-306 (bg)	MW-103	MW-105	MW-104
3/29/2021	10	5	5.8	5.2		6.2			
3/30/2021					5		12	18	
3/31/2021									120
9/2/2021	5.8	5.2	5.1	5.1		5.9			
9/3/2021					4.4			10	110
9/7/2021							12		
3/22/2022	5.9	8.8	4.9	4.7		5.6			
3/23/2022					4.1			10	120
3/24/2022							9.8		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-307 (bg)	MW-109	MW-110
2/29/2016				
3/1/2016	4.8	4		
3/2/2016			5	87
5/2/2016		3.6		
5/3/2016				
5/4/2016				
5/5/2016	5.6		6.8	87
7/5/2016		3.6		
7/7/2016	5		6.7	83
7/8/2016				
9/6/2016	4.8	4		
9/7/2016			4.8	80
11/7/2016		4.4		
11/9/2016				
11/10/2016	4.7		4.2	35
1/9/2017		4.4		
1/11/2017				
1/12/2017	5.6		4.4	130
3/13/2017		4.1		
3/14/2017			4.4	
3/15/2017	5.9			150
5/15/2017		3.7		
5/18/2017	5.7		5	140
10/2/2017		4.8		
10/5/2017			5.8	
10/6/2017	6			62
12/19/2017				180 (R)
3/12/2018		4		
3/14/2018	5.2		6.9	140
6/5/2018				
6/6/2018		4.1		
6/10/2018				
6/11/2018	4.9		6	140
10/16/2018				
10/17/2018		3.7		
10/18/2018			7.5	160
10/19/2018	6.7			
2/27/2019		4		
3/1/2019			7.2	140
3/2/2019	4.4			
5/31/2019		3.7		
6/3/2019	13		8.5	79
6/11/2019				
11/6/2019		4.7		
11/7/2019			18	120
11/9/2019	6.1			
4/16/2020		4.9		
4/17/2020			29	120
4/18/2020	6.3			
10/7/2020		4.7		
10/8/2020	6.4			
10/9/2020			22	100

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-307 (bg)	MW-109	MW-110
3/29/2021		5.4		
3/30/2021	6.4			
3/31/2021			18	110
9/2/2021		5.1		
9/3/2021			57	100
9/7/2021	6.1			
3/22/2022		4.8		
3/23/2022	6.9		28	110
3/24/2022				

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-306 (bg)	MW-102	MW-105	MW-106	MW-104
2/29/2016	5.11	4.9	5.26	5.11					
3/1/2016					5.08	5.03	6.12	5.84	4.09
3/2/2016									
5/2/2016	4.76	4.69		4.77					
5/3/2016					5.14				
5/4/2016			5.1					5.69	
5/5/2016						5.03	6.25		4.12
7/5/2016	5.12	7.11 (o)		5.48	5.38				
7/7/2016						4.85	5.99		3.99
7/8/2016			4.96					5.49	
9/6/2016	5.11	5.19	5.43	5.12	5.37	4.84			
9/7/2016							6.03	5.22	4.06
11/7/2016	4.76	4.64		4.73	4.92				
11/9/2016							6.01	5.39	4.05
11/10/2016			4.89			4.72			
1/9/2017	4.99	4.94		5	5.05				
1/11/2017			4.87				6.04	5.12	4.01
1/12/2017						4.79			
3/13/2017	4.57	4.63		4.74	4.87				
3/14/2017			4.71				6.11	5.05	4.06
3/15/2017						4.81			
5/15/2017	4.6	4.52		4.63	4.69				
5/18/2017			4.5			4.5	5.88	4.68	3.65
10/2/2017	4.64	4.54		4.63	4.88				
10/5/2017			4.63				6.07	4.77	3.79
10/6/2017						4.56			
12/19/2017							6.11 (R)		4.1 (R)
3/12/2018	4.85	4.81		4.81	5.07				
3/14/2018			5.14			5.08	6.29	5.28	4.2
6/5/2018	4.92	4.9		5.04					
6/6/2018					5.09				
6/10/2018			5.12				5.96	4.99	3.97
6/11/2018						4.81			
10/16/2018	4.93	4.81		4.98					
10/17/2018					4.99				
10/18/2018			4.97				6.19	5.07	4.12
10/19/2018						5.15			
2/27/2019	4.75	4.71	4.84	4.78	4.87				
3/1/2019							6.27	5.13	4.19
3/2/2019						4.81			
5/31/2019	4.9	4.84	4.92	4.92	4.89				
6/3/2019						4.7	6.23	5.12	4.17
6/11/2019									
11/6/2019	4.82	4.78	4.94	4.88	5.04				
11/7/2019									4.03
11/9/2019						4.78	6.19	5.06	
4/16/2020	5.03	4.96	5.17	5.15	5.13				
4/17/2020								5.23	
4/18/2020						4.96	6.21		4.08
10/7/2020	4.74	4.8	5.08	4.91	5.13				
10/8/2020						4.87	6.29	5.34	4.13
10/9/2020									

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-306 (bg)	MW-102	MW-105	MW-106	MW-104
3/29/2021	4.79	4.8	4.92	4.89	4.93				
3/30/2021						4.82	6.31	4.98	
3/31/2021									3.7
9/2/2021	4.81	4.77	5.07	4.87	4.94				
9/3/2021							6.17	4.85	4.32
9/7/2021						4.62			
3/22/2022	4.9	4.89	5.02	4.91	5.1				
3/23/2022						5.02	6.48	4.99	4.15
3/24/2022									

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-307 (bg)	MW-109	MW-110
2/29/2016				
3/1/2016	5.86	6.37		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016		5.605 (D)		
5/3/2016				
5/4/2016				
5/5/2016	5.77		4.87	5.04
7/5/2016		6.29		
7/7/2016	5.45		4.86	5.55
7/8/2016				
9/6/2016		6.42		
9/7/2016	5.01		4.72	4.86
11/7/2016		5.75		
11/9/2016				
11/10/2016	4.99		4.72	5.19
1/9/2017		5.98		
1/11/2017				
1/12/2017	4.95		4.67	4.84
3/13/2017		5.81		
3/14/2017			4.77	
3/15/2017	5.03			4.86
5/15/2017		5.42		
5/18/2017	4.75		4.43	4.59
10/2/2017		5.63		
10/5/2017			4.52	
10/6/2017	5.07			5.73
12/19/2017	5.1 (R)		4.76 (R)	4.84 (R)
3/12/2018		5.6		
3/14/2018	4.89		4.71	4.75
6/5/2018				
6/6/2018		5.58		
6/10/2018				
6/11/2018	5.02		4.78	4.77
10/16/2018				
10/17/2018		5.54		
10/18/2018	4.93		4.76	4.73
10/19/2018				
2/27/2019		5.4		
3/1/2019			4.85	4.76
3/2/2019	5.58			
5/31/2019		5.45		
6/3/2019			4.75	5.56
6/11/2019	4.97			
11/6/2019		5.52		
11/7/2019	4.99		4.78	4.74
11/9/2019				
4/16/2020		5.58		
4/17/2020	5.07		4.75	4.7
4/18/2020				
10/7/2020		5.5		
10/8/2020	4.98			
10/9/2020			4.77	4.9

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-307 (bg)	MW-109	MW-110
3/29/2021		5.46		
3/30/2021	5.04			
3/31/2021			4.64	4.85
9/2/2021		5.16		
9/3/2021			4.72	6.28
9/7/2021	5.11			
3/22/2022		5.18		
3/23/2022			5	5.01
3/24/2022	5.02			

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-106	MW-307 (bg)	MW-102	MW-104
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	<0.1	0.033 (J)	<0.1	0.46
3/2/2016									
5/2/2016	<0.1		<0.1	<0.1			<0.1		
5/3/2016					<0.1				
5/4/2016		<0.1				<0.1			
5/5/2016								<0.1	0.27
7/5/2016	<0.1		<0.1	<0.1	<0.1		<0.1		
7/7/2016								<0.1	0.29
7/8/2016		<0.1				<0.1			
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	
9/7/2016						<0.1			0.33
11/7/2016	<0.1		<0.1	<0.1	<0.1		<0.1		
11/9/2016						<0.1			0.29
11/10/2016		<0.1						<0.1	
1/9/2017	<0.1		<0.1	<0.1	<0.1		<0.1		
1/11/2017		<0.1				<0.1			0.42
1/12/2017								<0.1	
3/13/2017	<0.1		<0.1	<0.1	<0.1		<0.1		
3/14/2017		<0.1				<0.1			0.34
3/15/2017								<0.1	
5/15/2017	<0.1		<0.1	<0.1	<0.1		<0.1		
5/18/2017		<0.1				<0.1		<0.1	0.47
10/2/2017	<0.1		<0.1	<0.1	<0.1		<0.1		
10/5/2017		<0.1				<0.1			0.22
10/6/2017								<0.1	
12/19/2017									0.26 (R)
3/12/2018	<0.1		<0.1	<0.1	<0.1		<0.1		
3/14/2018		0.12				<0.1		<0.1	0.3
6/5/2018	<0.1		<0.1	<0.1					
6/6/2018					<0.1		<0.1		
6/10/2018		<0.1				<0.1			0.38
6/11/2018								<0.1	
10/16/2018	<0.1		<0.1	<0.1					
10/17/2018					<0.1		<0.1		
10/18/2018		<0.1				<0.1			0.26
10/19/2018								<0.1	
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1		
3/1/2019						<0.1			0.1
3/2/2019								<0.1	
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1		
6/3/2019						<0.1		<0.1	0.22
6/11/2019									
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1		
11/7/2019									0.21
11/9/2019						<0.1		<0.1	
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1		
4/17/2020						<0.1			
4/18/2020								<0.1	0.3
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1		
10/8/2020						<0.1		<0.1	0.26
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-106	MW-307 (bg)	MW-102	MW-104
3/29/2021	0.06	<0.1	<0.1	<0.1	<0.1		<0.1		
3/30/2021						<0.1		<0.1	
3/31/2021									0.34
9/2/2021	0.08 (J)	0.04 (J)	0.1	<0.1	<0.1		0.04 (J)		
9/3/2021						<0.1			0.41
9/7/2021								<0.1	
3/22/2022	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1		
3/23/2022						<0.1		<0.1	0.3
3/24/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-105	MW-103	MW-109	MW-110
2/29/2016				
3/1/2016	0.041 (J)	0.037 (J)		
3/2/2016			<0.1	0.039 (J)
5/2/2016				
5/3/2016				
5/4/2016				
5/5/2016	<0.1	<0.1	<0.1	<0.1
7/5/2016				
7/7/2016	<0.1	<0.1	<0.1	<0.1
7/8/2016				
9/6/2016				
9/7/2016	<0.1	<0.1	<0.1	<0.1
11/7/2016				
11/9/2016	<0.1			
11/10/2016		<0.1	<0.1	<0.1
1/9/2017				
1/11/2017	<0.1			
1/12/2017		<0.1	<0.1	<0.1
3/13/2017				
3/14/2017	<0.1		<0.1	
3/15/2017		<0.1		<0.1
5/15/2017				
5/18/2017	<0.1	<0.1	<0.1	<0.1
10/2/2017				
10/5/2017	<0.1		<0.1	
10/6/2017		<0.1		<0.1
12/19/2017				
3/12/2018				
3/14/2018	<0.1	<0.1	<0.1	<0.1
6/5/2018				
6/6/2018				
6/10/2018	<0.1			
6/11/2018		<0.1	<0.1	0.04 (J)
10/16/2018				
10/17/2018				
10/18/2018	0.04 (J)	<0.1	<0.1	0.04 (J)
10/19/2018				
2/27/2019				
3/1/2019	<0.1		<0.1	<0.1
3/2/2019		<0.1		
5/31/2019				
6/3/2019	0.04 (J)		<0.1	0.04 (J)
6/11/2019		<0.1		
11/6/2019				
11/7/2019		<0.1	<0.1	0.04 (J)
11/9/2019	<0.1			
4/16/2020				
4/17/2020		<0.1	<0.1	0.04 (J)
4/18/2020	0.04 (J)			
10/7/2020				
10/8/2020	0.04 (J)	0.24		
10/9/2020			<0.1	<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-105	MW-103	MW-109	MW-110
3/29/2021				
3/30/2021	0.04	<0.1		
3/31/2021			<0.1	0.04
9/2/2021				
9/3/2021	0.07 (J)		0.05 (J)	0.07 (J)
9/7/2021		<0.1		
3/22/2022				
3/23/2022	<0.1		<0.1	<0.1
3/24/2022		<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-104	MW-102	MW-306 (bg)	MW-105	MW-307 (bg)
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					380	<5	<5	17	<5
3/2/2016									
5/2/2016	15 (o)	2.1 (J)		<5					<5
5/3/2016							<5		
5/4/2016			<5						
5/5/2016					280	<5		11	
7/5/2016	<5	2 (J)		<5			<5		<5
7/7/2016					330	<5		33	
7/8/2016			<5						
9/6/2016	<5	1.8 (J)	<5	<5		<5	<5		3.7 (J)
9/7/2016					550			18	
11/7/2016	<5	1.7 (J)		<5			<5		<5
11/9/2016					700			52	
11/10/2016			<5			<5			
1/9/2017	<5	1.5 (J)		2.6 (J)			<5		<5
1/11/2017			<5		670			31	
1/12/2017						<5			
3/13/2017	2.5 (J)	2.2 (J)		<5			<5		<5
3/14/2017			<5		670			20	
3/15/2017						<5 (*)			
5/15/2017	<5	1.9 (J)		<5			<5		<5
5/18/2017			<5 (X)		790	<5 (X)		35	
10/2/2017	<5	3.4 (J)		<5			1.5 (J)		1.7 (J)
10/5/2017			<5		500			7.7	
10/6/2017						<5			
12/19/2017					400 (R)			51 (R)	
3/12/2018	<5	2.6 (J)		<5			<5		<5
3/14/2018			<5		540	<5		22	
6/5/2018	<5	2.6 (J)		<5					
6/6/2018							<5		<5
6/10/2018			1.5 (J)		760			96	
6/11/2018						1.7 (J)			
10/16/2018	<5	2.8 (J)		<5					
10/17/2018							<5		<5
10/18/2018			<5		460			6.6	
10/19/2018						3.4 (J)			
2/27/2019	<5	2.4 (J)	1.9 (J)	<5			<5		<5
3/1/2019					240			9.6	
3/2/2019						<5			
5/31/2019	<5	3.3 (J)	<5	<5			<5		<5
6/3/2019					480	3.5 (J)		58	
6/11/2019									
11/6/2019	<5	3.7 (J)	<5	<5			<5		<5
11/7/2019					610				
11/9/2019						<5		120	
4/16/2020	<5	1.7 (J)	<5	<5			<5		<5
4/17/2020									
4/18/2020					670	<5		32	
10/7/2020	<5	4 (J)	<5	<5			<5		<5
10/8/2020					590	<5		9.3	
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-104	MW-102	MW-306 (bg)	MW-105	MW-307 (bg)
3/29/2021	<5	2.3	<5	<5			<5		<5
3/30/2021						<5		7.6	
3/31/2021					670				
9/2/2021	<5	4.7 (J)	<5	<5			<5		<5
9/3/2021					480			9.3	
9/7/2021						<5			
3/22/2022	<5	4.5 (J)	<5	<5			<5		<5
3/23/2022					560	1.8 (J)		24	
3/24/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	26	<5		
3/2/2016			150	13
5/2/2016				
5/3/2016				
5/4/2016		<5		
5/5/2016	31		200	15
7/5/2016				
7/7/2016	31		200	14
7/8/2016		<5		
9/6/2016				
9/7/2016	41	<5	200	15
11/7/2016				
11/9/2016		<5		
11/10/2016	39		130	13
1/9/2017				
1/11/2017		<5		
1/12/2017	35		240	12
3/13/2017				
3/14/2017		<5		10 (V)
3/15/2017	43		300	
5/15/2017				
5/18/2017	35	<5 (X)	270	8.7
10/2/2017				
10/5/2017		<5		9.8
10/6/2017	39		140	
12/19/2017	36 (R)		280 (R)	8.4 (R)
3/12/2018				
3/14/2018	38	<5	270	9.7
6/5/2018				
6/6/2018				
6/10/2018		1.4 (J)		
6/11/2018	34		270	10
10/16/2018				
10/17/2018				
10/18/2018	31	<5	280	8.1
10/19/2018				
2/27/2019				
3/1/2019		<5	250	7.4
3/2/2019	35			
5/31/2019				
6/3/2019		<5	150	21
6/11/2019	32			
11/6/2019				
11/7/2019	27		290	16
11/9/2019		<5		
4/16/2020				
4/17/2020	31	<5	280	12
4/18/2020				
10/7/2020				
10/8/2020	30	<5		
10/9/2020			280	25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
3/29/2021				
3/30/2021	32	<5		
3/31/2021			250	15
9/2/2021				
9/3/2021		<5	160	32
9/7/2021	22			
3/22/2022				
3/23/2022		<5	270	28
3/24/2022	28			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-106	MW-306 (bg)	MW-103	MW-105	MW-104
2/29/2016	20	12	20	<5					
3/1/2016					<5	10	84	290	760
3/2/2016									
5/2/2016	<5	6		<5					
5/3/2016						<5			
5/4/2016			6		12				
5/5/2016							76	250	620
7/5/2016	12	<5		14		<5			
7/7/2016							54	270	640
7/8/2016			6		10				
9/6/2016	36	38	36	30		36			
9/7/2016					10		82	270	1100
11/7/2016	18	<5		8		<5			
11/9/2016					26			330	1300
11/10/2016			16				80		
1/9/2017	4 (J)	14		<5		<5			
1/11/2017			38		28			330	1600
1/12/2017							110		
3/13/2017	6	8		<5		22			
3/14/2017			<5		<5			260	1200
3/15/2017							82		
5/15/2017	<5	<5		<5		6			
5/18/2017			10		26		100	360	1500
10/2/2017	<5	6		<5		16			
10/5/2017			<5		<5			240	980
10/6/2017							110		
12/19/2017							72 (R)	460 (R)	900 (R)
3/12/2018	18	<5		14		<5			
3/14/2018			8		<5		66	300	1100
6/5/2018	10	14		<5					
6/6/2018						20			
6/10/2018			8		6			560	1500
6/11/2018							96		
10/16/2018	32	6		12					
10/17/2018						44			
10/18/2018			28		68		64	250	860
10/19/2018									
2/27/2019	110	110	68	54		20			
3/1/2019					28			210	440
3/2/2019							210		
5/31/2019	46	26	<5	8		32			
6/3/2019					28			500	950
6/11/2019							110		
11/6/2019	<5	<5	10	4 (J)		24			
11/7/2019							50		980
11/9/2019					42			720	
4/16/2020	28	8	44	18		6			
4/17/2020					48		70		
4/18/2020								180	1100
10/7/2020	30	26	24	20		16			
10/8/2020					100		120	260	500
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-106	MW-306 (bg)	MW-103	MW-105	MW-104
3/29/2021	38	28	26	12		42			
3/30/2021					12		170	340	
3/31/2021									1100
9/2/2021	40	8	8	10		10			
9/3/2021					<5			210	1000
9/7/2021							62		
3/22/2022	58	46	14	18		84			
3/23/2022					30			230	1300
3/24/2022							90		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-307 (bg)	MW-109	MW-110
2/29/2016				
3/1/2016	<5	<5		
3/2/2016			30	440
5/2/2016		36		
5/3/2016				
5/4/2016				
5/5/2016	<5		38	480
7/5/2016		<5		
7/7/2016	24		22	470
7/8/2016				
9/6/2016	40	44		
9/7/2016			38	440
11/7/2016		30		
11/9/2016				
11/10/2016	20		38	260
1/9/2017		12		
1/11/2017				
1/12/2017	54		40	630
3/13/2017		20		
3/14/2017			22	
3/15/2017	14			620
5/15/2017		4 (J)		
5/18/2017	38		24	640
10/2/2017		24		
10/5/2017			<5	
10/6/2017	22			360
12/19/2017				840 (R)
3/12/2018		<5		
3/14/2018	14		12	660
6/5/2018				
6/6/2018		16		
6/10/2018				
6/11/2018	8		26	670
10/16/2018				
10/17/2018		44		
10/18/2018			34	750
10/19/2018	54			
2/27/2019		28		
3/1/2019			42	640
3/2/2019	28			
5/31/2019		18		
6/3/2019	54		54	420
6/11/2019				
11/6/2019		20		
11/7/2019			24	540
11/9/2019	24			
4/16/2020		8		
4/17/2020			28	600
4/18/2020	54			
10/7/2020		12		
10/8/2020	32			
10/9/2020			86	660

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:15 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-307 (bg)	MW-109	MW-110
3/29/2021		40		
3/30/2021	32			
3/31/2021			66	620
9/2/2021		<5		
9/3/2021			170	580
9/7/2021	10			
3/22/2022		22		
3/23/2022	36		90	630
3/24/2022				

ND substitution: RL or RL/2 if <15% NDs.

200 Series

Appendix III - Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:55 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-201	0.081	n/a	3/25/2022	3.4	Yes	120	n/a	n/a	80	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-206	0.081	n/a	3/25/2022	10	Yes	120	n/a	n/a	80	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-201	1.406	n/a	3/25/2022	73	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-206	1.406	n/a	3/25/2022	170	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-200	6.907	n/a	3/25/2022	76	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-201	6.907	n/a	3/25/2022	160	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Chloride (mg/L)	MW-206	6.907	n/a	3/25/2022	340	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	3/25/2022	0.25	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-200	5	n/a	3/25/2022	71	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001382	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-201	5	n/a	3/25/2022	120	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001382	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-206	5	n/a	3/25/2022	160	Yes	119	n/a	n/a	77.31	n/a	n/a	0.0001382	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-200	110	n/a	3/25/2022	380	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001353	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-201	110	n/a	3/25/2022	610	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001353	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-206	110	n/a	3/25/2022	630	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001353	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:55 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	3/25/2022	0.0043J	No	120	n/a	n/a	80	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**3/25/2022**	**3.4**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001353**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**3/25/2022**	**10**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001353**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-200	1.406	n/a	3/25/2022	0.025ND	No	120	-0.3719	0.4272	0	None	ln(x)	0.002505	Param Inter 1 of 2
Calcium (mg/L)	**MW-201**	**1.406**	**n/a**	**3/25/2022**	**73**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.406**	**n/a**	**3/25/2022**	**170**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.907**	**n/a**	**3/25/2022**	**76**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.907**	**n/a**	**3/25/2022**	**160**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.907**	**n/a**	**3/25/2022**	**340**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	3/25/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-201**	**0.12**	**n/a**	**3/25/2022**	**0.25**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001353**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-206	0.12	n/a	3/25/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001353	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5**	**n/a**	**3/25/2022**	**71**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001382**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5**	**n/a**	**3/25/2022**	**120**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001382**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5**	**n/a**	**3/25/2022**	**160**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.0001382**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**3/25/2022**	**380**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001353**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**3/25/2022**	**610**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001353**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**3/25/2022**	**630**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001353**	**NP Inter (normality) 1 of 2**

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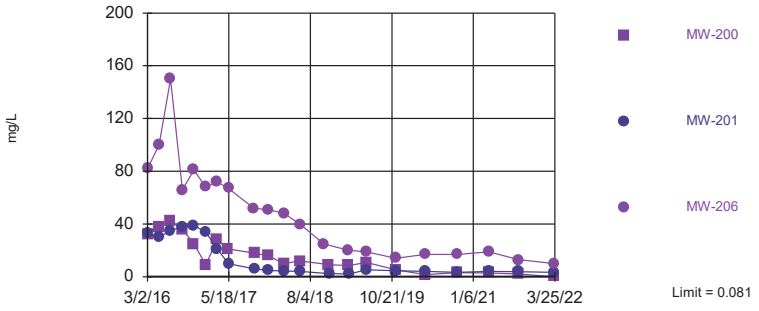
Exceeds Limit: MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 120 background values. 80% NDs. Annual per-constituent alpha = 0.0008113. Individual comparison alpha = 0.0001353 (1 of 2). Comparing 3 points to limit.

Constituent: Boron Analysis Run 1/12/2023 11:54 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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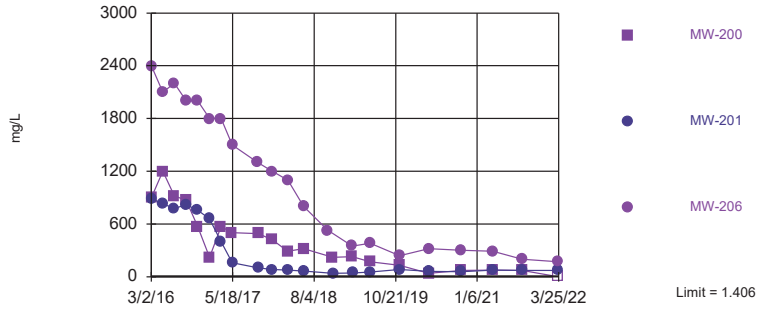
Hollow symbols indicate censored values.

Exceeds Limit: MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3719, Std. Dev.=0.4272, n=120. Normality test: Chi Squared @alpha = 0.01, calculated = 13.33, critical = 14.07. Kappa = 1.669 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Calcium Analysis Run 1/12/2023 11:54 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

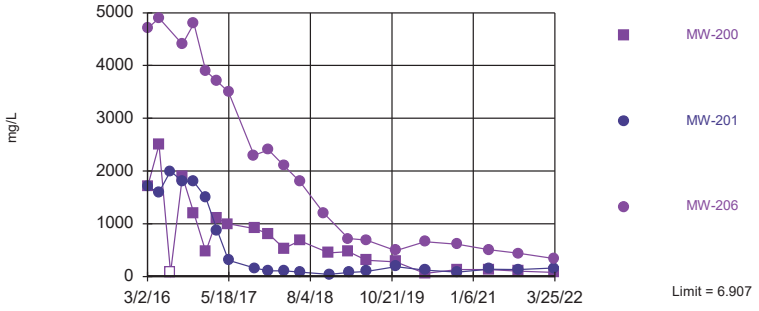
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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=2.298, Std. Dev.=0.1978, n=120. Normality test: Chi Squared @alpha = 0.01, calculated = 12.5, critical = 14.07. Kappa = 1.669 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Chloride Analysis Run 1/12/2023 11:54 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

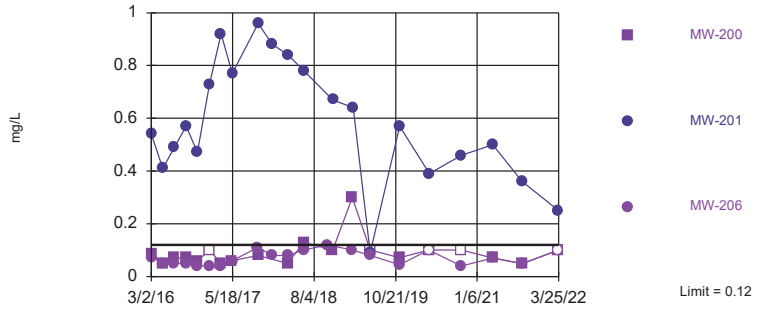
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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 120 background values. 94.17% NDs. Annual per-constituent alpha = 0.0008113. Individual comparison alpha = 0.0001353 (1 of 2). Comparing 3 points to limit.

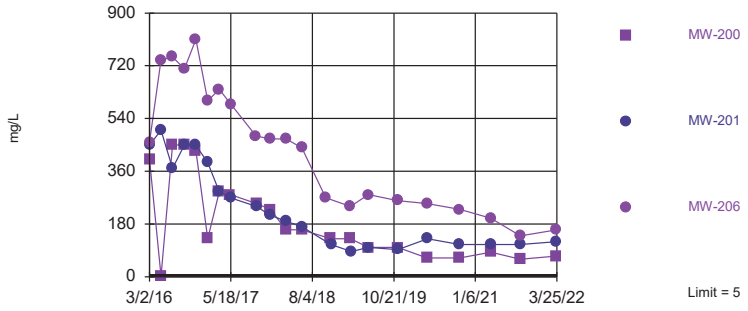
Constituent: Fluoride Analysis Run 1/12/2023 11:54 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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 119 background values. 77.31% NDs. Annual per-constituent alpha = 0.0008288. Individual comparison alpha = 0.0001382 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 1/12/2023 11:54 AM View: 200 Series - Interwell

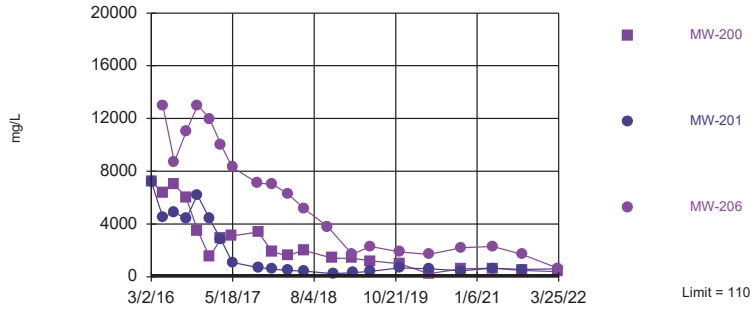
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 120 background values. 23.33% NDs. Annual per-constituent alpha = 0.0008113. Individual comparison alpha = 0.0001353 (1 of 2). Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/2/2016							32	82	33
5/2/2016	<0.05	<0.05	<0.05			<0.05			
5/3/2016					<0.05		38	100	
5/4/2016				<0.05					30
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05	42	150	
7/6/2016									35
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/8/2016							36	66	38
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
11/8/2016									39
11/9/2016							25	81	
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/11/2017				<0.05					
1/12/2017							9.1	68	
1/13/2017									34
3/13/2017	<0.05	0.022 (J)	<0.05		<0.05	<0.05			
3/14/2017				<0.05					
3/16/2017									21
3/17/2017							28	72	
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
5/16/2017							21		
5/17/2017								67	10
5/18/2017				<0.05					
10/2/2017	<0.05	0.023 (J)	<0.05		<0.05	<0.05			
10/3/2017								52	
10/4/2017							18		6
10/5/2017				<0.05					
12/20/2017							16 (R)	51	4.9 (R)
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018							10		
3/14/2018				<0.05				48	4.4
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			
6/8/2018							12	40	
6/9/2018									4.1
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05		25	
10/18/2018				0.081					
11/13/2018							9.1		
11/14/2018									2.3
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							8.5	20	
3/5/2019									2.1
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
6/4/2019							11	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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/12/2020							3	17	3.3
3/29/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
4/1/2021							2.9	19	4
9/2/2021	0.021 (J)	0.022 (J)	0.018 (J)	<0.05	<0.05	<0.05			
9/8/2021							2.1	13	3.8
3/22/2022	0.013	0.017	0.013	0.012	0.009 (J)	0.0063 (J)			
3/25/2022							0.0043 (J)	10	3.4

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.9	1.6	0.33	0.38	0.81	0.7			
3/25/2022							<0.05	170	73

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-206	MW-200	MW-201
2/29/2016	5.3	8.1	5.4	7.4					
3/1/2016					5.6	4			
3/2/2016							4700	1700	1700
5/2/2016	4.4	6		6.3		3.6			
5/3/2016					5.1		4900	2500	
5/4/2016			4.5						1600
7/5/2016	4.2	5.2		4.8	4.7	3.6	360 (o)	<140 (*)	
7/6/2016									2000
7/8/2016			4.9						
9/6/2016	4.3	5.5	4.3	6	4.4	4			
9/8/2016							4400	1900	1800
11/7/2016	4.2	5.4		5.7	4.6	4.4			
11/8/2016									1800
11/9/2016							4800	1200	
11/10/2016			4.5						
1/9/2017	5.3	6.1		6.8	5.3	4.4			
1/11/2017			5.3						
1/12/2017							3900	470	
1/13/2017									1500
3/13/2017	5.2	5.5		6.8	5.6	4.1			
3/14/2017			5.5						
3/16/2017									870
3/17/2017							3700	1100	
5/15/2017	4.8	4.7		6.1	5.2	3.7			
5/16/2017								1000	
5/17/2017							3500		310
5/18/2017			5						
10/2/2017	5.5	6.1		6	5.5	4.8			
10/3/2017							2300		
10/4/2017								910	160
10/5/2017			5.6						
12/20/2017							2400	810 (R)	110 (R)
3/12/2018	5.3	6.1		5.9	5.6	4			
3/13/2018								530	
3/14/2018			5.2				2100		110
6/5/2018	5.3	5.5		6.5					
6/6/2018					5.6	4.1			
6/8/2018							1800	680	
6/9/2018									86
6/10/2018			5.2						
10/16/2018	5.5	5.1		5.9					
10/17/2018					5.5	3.7	1200		
10/18/2018			5.2						
11/13/2018								450	
11/14/2018									41
2/27/2019	4.6	5	5.1	4.3	5.1	4			
2/28/2019							720	470	
3/5/2019									75
5/31/2019	5.1	5.4	5	4.5	5.4	3.7			
6/4/2019							690	310	98
11/6/2019	5.8	6.1	6	5.7	5.9	4.7			
11/12/2019							490	280	190

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-206	MW-200	MW-201
4/16/2020	6.1	5.3	5.8	5.6	6.2	4.9			
4/18/2020							660	59	
4/22/2020									120
10/7/2020	6.6	5.7	5.9	5.1	6.1	4.7			
10/12/2020							610	130	82
3/29/2021	10	5.2	5.8	5	6.2	5.4			
4/1/2021							510	130	140
9/2/2021	5.8	5.1	5.1	5.2	5.9	5.1			
9/8/2021							440	100	130
3/22/2022	5.9	4.7	4.9	8.8	5.6	4.8			
3/25/2022							340	76	160

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/2/2016							0.088 (J)	0.074 (J)	0.54
5/2/2016	<0.1	<0.1	<0.1			<0.1			
5/3/2016					<0.1		0.05 (J)	0.05 (J)	
5/4/2016				<0.1					0.41
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1	0.07 (J)	0.05 (J)	
7/6/2016									0.49
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/8/2016							0.07 (J)	0.05 (J)	0.57
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
11/8/2016									0.47
11/9/2016							0.06 (J)	0.04 (J)	
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/11/2017				<0.1					
1/12/2017							<0.1	0.04 (J)	
1/13/2017									0.73
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/16/2017									0.92
3/17/2017							0.05 (J)	0.04 (J)	
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
5/16/2017							0.06 (J)		
5/17/2017								0.06 (J)	0.77
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017								0.11	
10/4/2017							0.08 (J)		0.96
10/5/2017				<0.1					
12/20/2017								0.08 (I)	0.88 (R)
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							0.05 (J)		
3/14/2018				0.12				0.08 (J)	0.84
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			
6/8/2018							0.13	0.1	
6/9/2018									0.78
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1		0.12	
10/18/2018				<0.1					
11/13/2018							0.1		
11/14/2018									0.67
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.3	0.1	
3/5/2019									0.64
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
6/4/2019							<0.1	0.08 (J)	0.09 (J)
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/12/2019							0.072 (J)	0.045 (J)	0.57

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							<0.1	<0.1	
4/22/2020									0.39
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/12/2020							<0.1	0.04 (J)	0.46
3/29/2021	0.06	<0.1	<0.1	<0.1	<0.1	<0.1			
4/1/2021							0.07	0.07	0.5
9/2/2021	0.08 (J)	<0.1	0.1	0.04 (J)	<0.1	0.04 (J)			
9/8/2021							0.049 (J)	0.048 (J)	0.36
3/22/2022	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
3/25/2022							<0.1	<0.1	0.25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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	1.6 (J)	<5	<5					
3/1/2016					<5	<5			
3/2/2016							400	460	450
5/2/2016	15 (o)	2.1 (J)	<5			<5			
5/3/2016					<5		2.2 (J)	740	
5/4/2016				<5					500
7/5/2016	<5	2 (J)	<5		<5	<5	450 (J)	750	
7/6/2016									370
7/8/2016				<5					
9/6/2016	<5	1.8 (J)	<5	<5	<5	3.7 (J)			
9/8/2016							450	710	450
11/7/2016	<5	1.7 (J)	<5		<5	<5			
11/8/2016									450
11/9/2016							430	810	
11/10/2016				<5					
1/9/2017	<5	1.5 (J)	2.6 (J)		<5	<5			
1/11/2017				<5					
1/12/2017							130	600	
1/13/2017									390
3/13/2017	2.5 (J)	2.2 (J)	<5		<5	<5			
3/14/2017				<5					
3/16/2017									290
3/17/2017							290	640	
5/15/2017	<5	1.9 (J)	<5		<5	<5			
5/16/2017							280		
5/17/2017								590	270
5/18/2017				<5 (X)					
10/2/2017	<5	3.4 (J)	<5		1.5 (J)	1.7 (J)			
10/3/2017								480	
10/4/2017							250		240
10/5/2017				<5					
12/20/2017							230 (R)	470	210 (R)
3/12/2018	<5	2.6 (J)	<5		<5	<5			
3/13/2018							160		
3/14/2018				<5				470	190
6/5/2018	<5	2.6 (J)	<5						
6/6/2018					<5	<5			
6/8/2018							160	440	
6/9/2018									170
6/10/2018				1.5 (J)					
10/16/2018	<5	2.8 (J)	<5						
10/17/2018					<5	<5		270	
10/18/2018				<5					
11/13/2018							130		
11/14/2018									110
2/27/2019	<5	2.4 (J)	<5	1.9 (J)	<5	<5			
2/28/2019							130	240	
3/5/2019									86
5/31/2019	<5	3.3 (J)	<5	<5	<5	<5			
6/4/2019							100	280	100
11/6/2019	<5	3.7 (J)	<5	<5	<5	<5			
11/12/2019							100	260	93

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL 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	<5	1.7 (J)	<5	<5	<5	<5			
4/18/2020							64	250	
4/22/2020									130
10/7/2020	<5	4 (J)	<5	<5	<5	<5			
10/12/2020							64	230	110
3/29/2021	<5	2.3	<5	<5	<5	<5			
4/1/2021							84	200	110
9/2/2021	<5	4.7 (J)	<5	<5	<5	<5			
9/8/2021							60	140	110
3/22/2022	<5	4.5 (J)	<5	<5	<5	<5			
3/25/2022							71	160	120

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
2/29/2016	20	<5	20	12					
3/1/2016					10	<5			
3/2/2016							7200	7200	32000 (o)
5/2/2016	<5	<5		6		36			
5/3/2016					<5		6400		13000
5/4/2016			6					4500	
7/5/2016	12	14		<5	<5	<5	7000		8700
7/6/2016								4900	
7/8/2016			6						
9/6/2016	36	30	36	38	36	44			
9/8/2016							6000	4400	11000 (Q)
11/7/2016	18	8		<5	<5	30			
11/8/2016								6200	
11/9/2016							3500		13000
11/10/2016			16						
1/9/2017	4 (J)	<5		14	<5	12			
1/11/2017			38						
1/12/2017							1500		12000
1/13/2017								4400	
3/13/2017	6	<5		8	22	20			
3/14/2017			<5						
3/16/2017								2800	
3/17/2017							2900		10000
5/15/2017	<5	<5		<5	6	4 (J)			
5/16/2017							3100		
5/17/2017								1100	8300
5/18/2017			10						
10/2/2017	<5	<5		6	16	24			
10/3/2017									7100
10/4/2017							3400	700	
10/5/2017			<5						
12/20/2017							1900 (R)	590 (R)	7000
3/12/2018	18	14		<5	<5	<5			
3/13/2018							1600		
3/14/2018			8					490	6300
6/5/2018	10	<5		14					
6/6/2018					20	16			
6/8/2018							2000		5200
6/9/2018								430	
6/10/2018			8						
10/16/2018	32	12		6					
10/17/2018					44	44			3800
10/18/2018			28						
11/13/2018							1400		
11/14/2018								230	
2/27/2019	110	54	68	110	20	28			
2/28/2019							1400		1700
3/5/2019								300	
5/31/2019	46	8	<5	26	32	18			
6/4/2019							1200	400	2300
11/6/2019	<5	4 (J)	10	<5	24	20			
11/12/2019							1000	670	1900

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 11:55 AM View: 200 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-101 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-201	MW-206
4/16/2020	28	18	44	8	6	8			
4/18/2020							240		1700
4/22/2020								600	
10/7/2020	30	20	24	26	16	12			
10/12/2020							600	460	2200
3/29/2021	38	12	26	28	42	40			
4/1/2021							640	650	2300
9/2/2021	40	10	8	8	10	<5			
9/8/2021							480	550	1700
3/22/2022	58	18	14	46	84	22			
3/25/2022							380	610	630

ND substitution: RL or RL/2 if <15% NDs.

Appendix III - Intrawell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	**MW-200**	**5.263**	**4.716**	**3/25/2022**	**5.34**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	**MW-206**	**4.64**	**3.998**	**3/25/2022**	**5.21**	**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

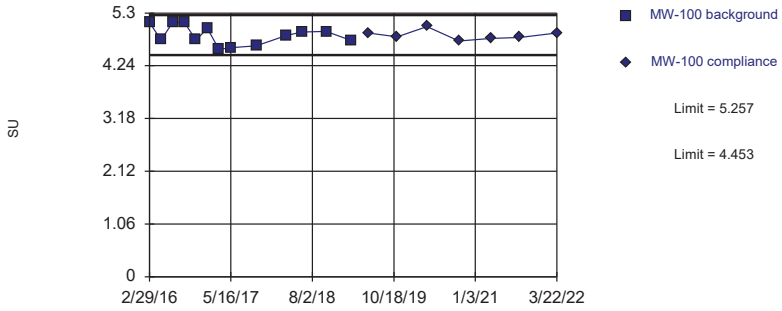
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:28 PM

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	3/22/2022	4.9	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	3/22/2022	5.02	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	3/22/2022	4.91	No	13	4.909	0.2421	0	None	No	0.001253	Param Intra 1 of 2
Field pH (SU)	MW-108	5.178	4.369	3/22/2022	4.89	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**	**3/25/2022**	**5.34**	**Yes**	**14**	**4.989**	**0.134**	**0**	**None**	**No**	**0.001253**	**Param Intra 1 of 2**
Field pH (SU)	MW-201	5.704	4.463	3/25/2022	4.95	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**	**3/25/2022**	**5.21**	**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	3/22/2022	5.1	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	3/22/2022	5.18	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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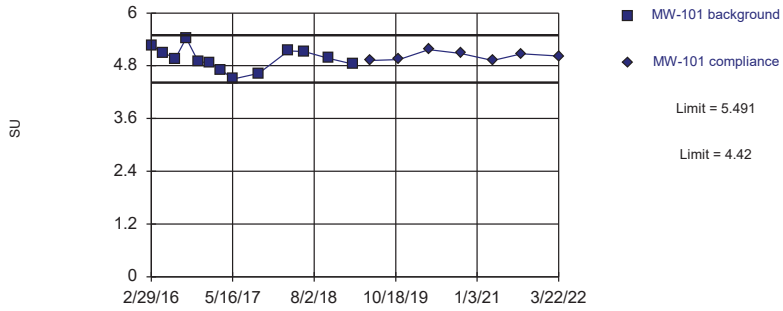
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

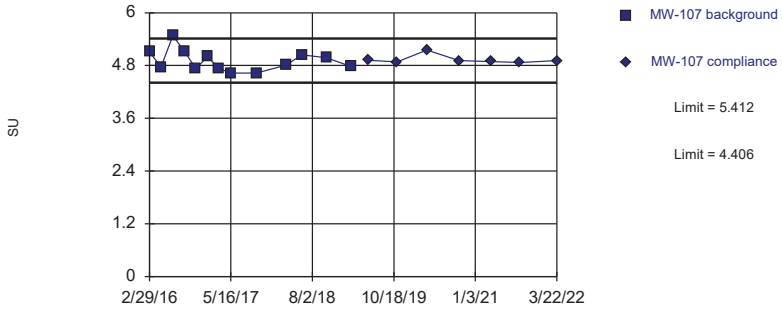
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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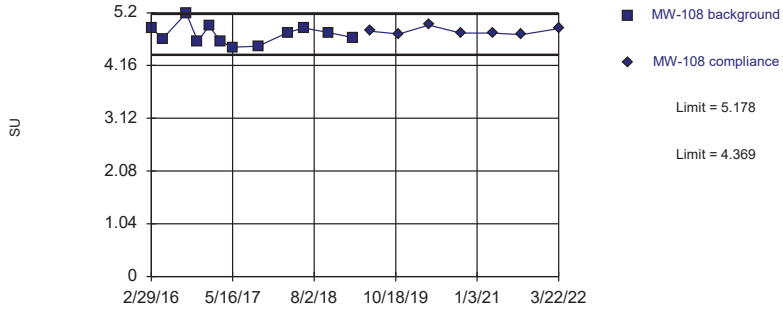
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.112 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

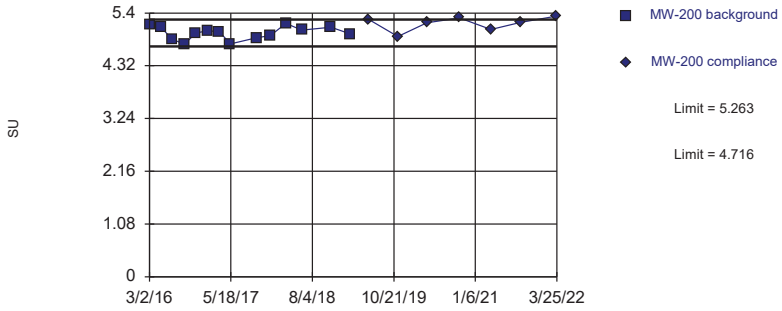
Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.989, Std. Dev.=0.134, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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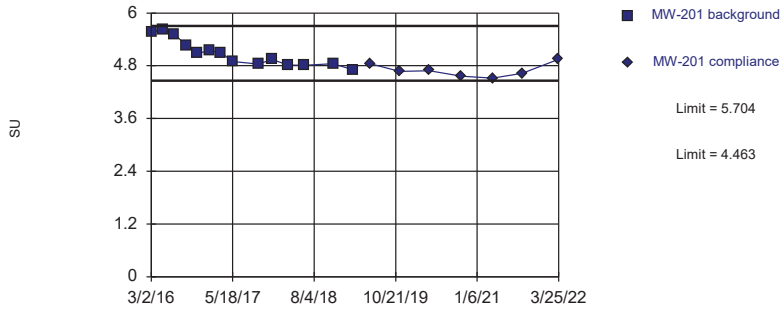
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.084, Std. Dev.=0.304, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8864, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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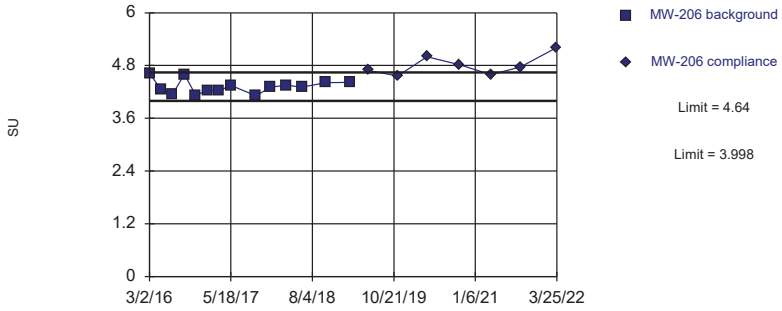
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.319, Std. Dev.=0.1573, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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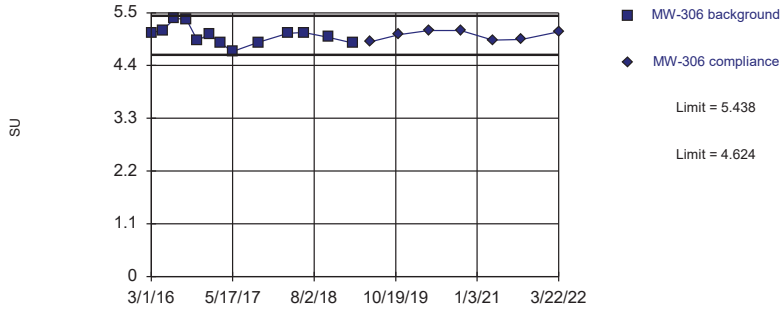
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

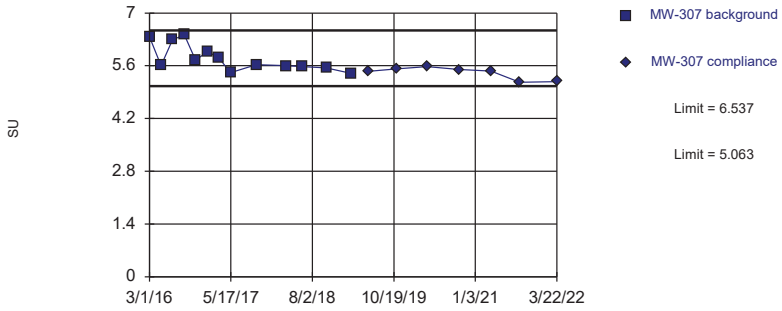
Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.9

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.02

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.91

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.89

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/25/2022		5.34

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/25/2022		4.95

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/25/2022		5.21

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.1

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 12:28 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.18

300 Series

Appendix III - Interwell Prediction Limits - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:52 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	3/24/2022	3.2	Yes	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	3/24/2022	3.4	Yes	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	3/24/2022	3.2	Yes	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.485	n/a	3/24/2022	75	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.485	n/a	3/24/2022	200	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-305	1.485	n/a	3/24/2022	3.9	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.485	n/a	3/24/2022	68	Yes	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	7.041	n/a	3/24/2022	9.2	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	7.041	n/a	3/24/2022	36	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	7.041	n/a	3/24/2022	140	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	7.041	n/a	3/24/2022	9.2	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	7.041	n/a	3/24/2022	64	Yes	120	2.298	0.1978	0	None	sqrt(x)	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	3/24/2022	0.22	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-308	0.12	n/a	3/24/2022	0.14	Yes	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5	n/a	3/24/2022	180	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5	n/a	3/24/2022	680	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5	n/a	3/24/2022	18	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5	n/a	3/24/2022	1700	Yes	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	3/24/2022	440	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	3/24/2022	1400	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	3/24/2022	470	Yes	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:52 PM

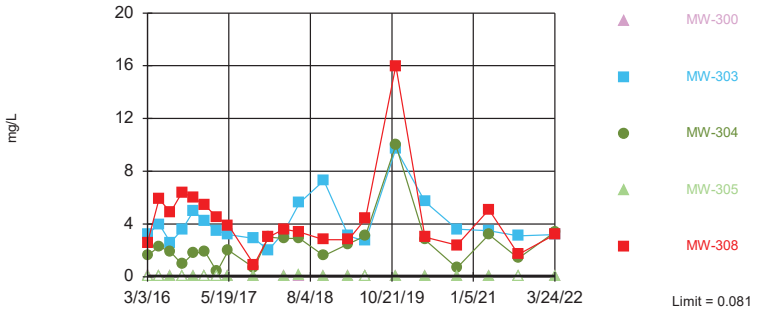
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	3/24/2022	0.035	No	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**3/24/2022**	**3.2**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**3/24/2022**	**3.4**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	MW-305	0.081	n/a	3/24/2022	0.028	No	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**3/24/2022**	**3.2**	**Yes**	**120**	**n/a**	**n/a**	**80**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.485	n/a	3/24/2022	0.59	No	120	-0.3719	0.4272	0	None	ln(x)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.485**	**n/a**	**3/24/2022**	**75**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.485**	**n/a**	**3/24/2022**	**200**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-305**	**1.485**	**n/a**	**3/24/2022**	**3.9**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.485**	**n/a**	**3/24/2022**	**68**	**Yes**	**120**	**-0.3719**	**0.4272**	**0**	**None**	**ln(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**7.041**	**n/a**	**3/24/2022**	**9.2**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**7.041**	**n/a**	**3/24/2022**	**36**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**7.041**	**n/a**	**3/24/2022**	**140**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**7.041**	**n/a**	**3/24/2022**	**9.2**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**7.041**	**n/a**	**3/24/2022**	**64**	**Yes**	**120**	**2.298**	**0.1978**	**0**	**None**	**sqrt(x)**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-303**	**0.12**	**n/a**	**3/24/2022**	**0.22**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-304	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	3/24/2022	0.1ND	No	120	n/a	n/a	94.17	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-308**	**0.12**	**n/a**	**3/24/2022**	**0.14**	**Yes**	**120**	**n/a**	**n/a**	**94.17**	**n/a**	**n/a**	**0.0001351**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-300	5	n/a	3/24/2022	5ND	No	119	n/a	n/a	77.31	n/a	n/a	0.000138	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5**	**n/a**	**3/24/2022**	**180**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5**	**n/a**	**3/24/2022**	**680**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-305**	**5**	**n/a**	**3/24/2022**	**18**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**5**	**n/a**	**3/24/2022**	**1700**	**Yes**	**119**	**n/a**	**n/a**	**77.31**	**n/a**	**n/a**	**0.000138**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	3/24/2022	16	No	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**3/24/2022**	**440**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001351**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**3/24/2022**	**1400**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001351**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-305	110	n/a	3/24/2022	62	No	120	n/a	n/a	23.33	n/a	n/a	0.0001351	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**3/24/2022**	**470**	**Yes**	**120**	**n/a**	**n/a**	**23.33**	**n/a**	**n/a**	**0.0001351**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 120 background values. 80% NDs. Annual per-constituent alpha = 0.00135. Individual comparison alpha = 0.0001351 (1 of 2). Comparing 5 points to limit.

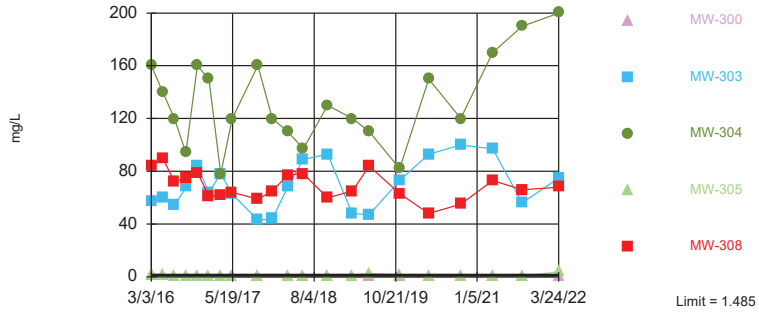
Constituent: Boron Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.3719, Std. Dev.=0.4272, n=120. Normality test: Chi Squared @alpha = 0.01, calculated = 13.33, critical = 14.07. Kappa = 1.797 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

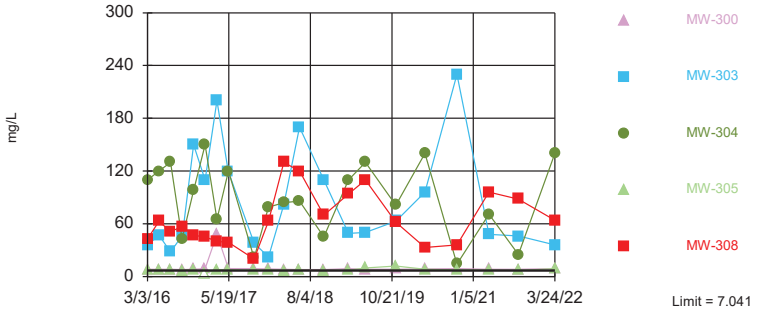
Constituent: Calcium Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-300, MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=2.298, Std. Dev.=0.1978, n=120. Normality test: Chi Squared @alpha = 0.01, calculated = 12.5, critical = 14.07. Kappa = 1.797 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

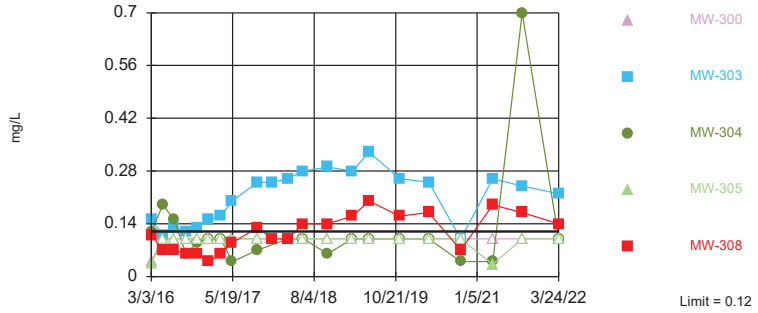
Constituent: Chloride Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 120 background values. 94.17% NDs. Annual per-constituent alpha = 0.00135. Individual comparison alpha = 0.0001351 (1 of 2). Comparing 5 points to limit.

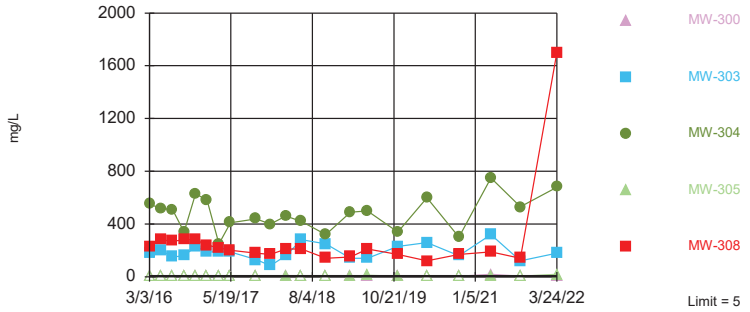
Constituent: Fluoride Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 119 background values. 77.31% NDs. Annual per-constituent alpha = 0.001379. Individual comparison alpha = 0.000138 (1 of 2). Comparing 5 points to limit.

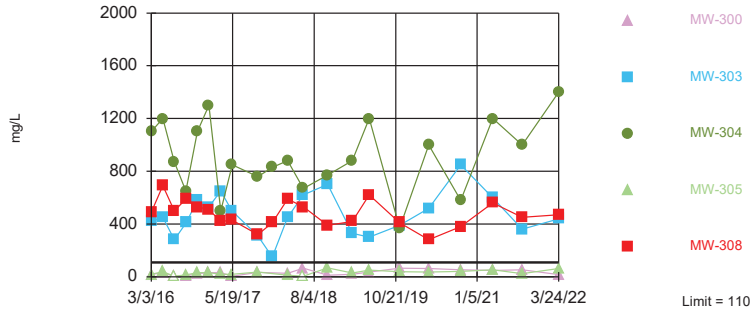
Constituent: Sulfate Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 120 background values. 23.33% NDs. Annual per-constituent alpha = 0.00135. Individual comparison alpha = 0.0001351 (1 of 2). Comparing 5 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/3/2016							1.6	3.2	<0.05
5/2/2016	<0.05	<0.05		<0.05		<0.05			
5/3/2016					<0.05				
5/4/2016			<0.05				2.3	4	<0.05 (*)
7/5/2016	<0.05	<0.05		<0.05	<0.05	<0.05			
7/6/2016							1.9	2.6	
7/7/2016									0.034 (J)
7/8/2016			<0.05						
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/7/2016							0.95		<0.05
9/8/2016								3.6	
11/7/2016	<0.05	<0.05		<0.05	<0.05	<0.05			0.045 (J)
11/8/2016							1.8	5	
11/10/2016			<0.05						
1/9/2017	<0.05	<0.05		<0.05	<0.05	<0.05			
1/10/2017							1.9	4.2	<0.05 (*)
1/11/2017			<0.05						
3/13/2017	<0.05	<0.05		0.022 (J)	<0.05	<0.05			
3/14/2017			<0.05						
3/15/2017							0.38		<0.05
3/16/2017								3.5	
5/15/2017	<0.05	<0.05		<0.05	<0.05	<0.05		3.2	
5/16/2017							2		0.043 (J)
5/18/2017			<0.05						
10/2/2017	<0.05	<0.05		0.023 (J)	<0.05	<0.05			
10/3/2017							0.67	2.9	0.026 (J)
10/5/2017			<0.05						
12/20/2017							3	2	
3/12/2018	<0.05	<0.05		<0.05	<0.05	<0.05			
3/13/2018							2.9	3.4	0.07
3/14/2018			<0.05						
6/5/2018	<0.05	<0.05		<0.05					
6/6/2018					<0.05	<0.05			
6/7/2018							2.9	5.6	0.1
6/10/2018			<0.05						
10/16/2018	<0.05	<0.05		<0.05					
10/17/2018					<0.05	<0.05	1.6	7.3	0.074
10/18/2018			0.081						
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							2.5	3.1	0.027 (J)
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	3.1	2.7	<0.05
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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/8/2020								3.6	
10/9/2020							0.68		0.018 (J)
3/29/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
3/31/2021									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/2/2021	0.021 (J)	0.018 (J)	<0.05	0.022 (J)	<0.05	<0.05			
9/7/2021							1.4	3.1	<0.05
3/22/2022	0.013	0.013	0.012	0.017	0.009 (J)	0.0063 (J)			
3/24/2022							3.4	3.2	0.028

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-308
2/29/2016		
3/1/2016		
3/3/2016	0.11 (J)	2.6
5/2/2016		
5/3/2016		
5/4/2016	<0.05	5.9
7/5/2016		
7/6/2016		4.9
7/7/2016	<0.05	
7/8/2016		
9/6/2016		
9/7/2016	0.028 (J)	6.4
9/8/2016		
11/7/2016		
11/8/2016	0.025 (J)	6
11/10/2016		
1/9/2017		
1/10/2017	<0.05 (*)	5.4
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	<0.05	
3/16/2017		4.5
5/15/2017		
5/16/2017	<0.05	3.9
5/18/2017		
10/2/2017		
10/3/2017	0.03 (J)	0.93
10/5/2017		
12/20/2017		3
3/12/2018		
3/13/2018	<0.05	3.6
3/14/2018		
6/5/2018		
6/6/2018	0.024 (J)	
6/7/2018		3.4
6/10/2018		
10/16/2018		
10/17/2018		2.8
10/18/2018	0.022 (J)	
2/27/2019		2.8
2/28/2019	<0.05	
5/31/2019	<0.05	4.4
11/6/2019		
11/11/2019	0.035 (V)	16
4/16/2020		
4/18/2020	0.027	3
10/7/2020		
10/8/2020		2.4
10/9/2020	0.025 (J)	
3/29/2021		
3/31/2021	0.046	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-308
4/1/2021		5.1
9/2/2021		
9/7/2021	0.022 (J)	1.7
3/22/2022		
3/24/2022	0.035	3.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/2/2021	1.1	0.47	0.63	1.5	0.56	0.73			
9/7/2021							190	56	0.53
3/22/2022	0.9	0.33	0.38	1.6	0.81	0.7			
3/24/2022							200	75	3.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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 1/12/2023 1:52 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-308
4/1/2021		73
9/2/2021		
9/7/2021	0.46	66
3/22/2022		
3/24/2022	0.59	68

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL 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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022	5.9	8.8	4.7	4.9	5.6	4.8			
3/24/2022							36	9.2	9.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-308
4/1/2021	71	96
9/2/2021		
9/7/2021	25	88
3/22/2022		
3/24/2022	140	64

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-308	MW-305
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/3/2016							0.041 (J)	0.11	0.035 (J)
5/2/2016	<0.1	<0.1	<0.1			<0.1			
5/3/2016					<0.1				
5/4/2016				<0.1			<0.1	0.07 (J)	<0.1
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
7/6/2016								0.07 (J)	
7/7/2016							<0.1		<0.1
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/7/2016							<0.1	0.06 (J)	<0.1
9/8/2016									
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1			<0.1
11/8/2016							<0.1	0.06 (J)	
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/10/2017							<0.1	0.04 (J)	<0.1
1/11/2017				<0.1					
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/15/2017							<0.1		<0.1
3/16/2017								0.06 (J)	
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
5/16/2017							<0.1	0.09 (J)	<0.1
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017							<0.1	0.13	<0.1
10/5/2017				<0.1					
12/20/2017								0.1	
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							<0.1	0.1	<0.1
3/14/2018				0.12					
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1	<0.1		
6/7/2018								0.14	<0.1
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1		0.14	<0.1
10/18/2018				<0.1			<0.1		
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		0.16	
2/28/2019							<0.1		<0.1
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/11/2019							<0.1	0.16	<0.1
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							<0.1	0.17	<0.1
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/8/2020								0.07 (J)	
10/9/2020							<0.1		<0.1
3/29/2021	0.06	<0.1	<0.1	<0.1	<0.1	<0.1			
3/31/2021							<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-107 (bg)	MW-101 (bg)	MW-306 (bg)	MW-307 (bg)	MW-300	MW-308	MW-305
4/1/2021								0.19	0.032
9/2/2021	0.08 (J)	<0.1	0.1	0.04 (J)	<0.1	0.04 (J)			
9/7/2021							<0.1	0.17	<0.1
3/22/2022	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
3/24/2022							<0.1	0.14	<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-303
2/29/2016		
3/1/2016		
3/3/2016	0.12	0.15
5/2/2016		
5/3/2016		
5/4/2016	0.19	0.11
7/5/2016		
7/6/2016	0.15	0.13
7/7/2016		
7/8/2016		
9/6/2016		
9/7/2016	0.06 (J)	
9/8/2016		0.12
11/7/2016		
11/8/2016	0.09 (J)	0.13
11/10/2016		
1/9/2017		
1/10/2017	<0.1	0.15
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	<0.1	
3/16/2017		0.16
5/15/2017		0.2
5/16/2017	0.04 (J)	
5/18/2017		
10/2/2017		
10/3/2017	0.07 (J)	0.25
10/5/2017		
12/20/2017		0.25
3/12/2018		
3/13/2018	<0.1	0.26
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	<0.1	0.28
6/10/2018		
10/16/2018		
10/17/2018	0.06 (J)	0.29
10/18/2018		
2/27/2019		
2/28/2019	<0.1	0.28
5/31/2019	<0.1	0.33
11/6/2019		
11/11/2019	<0.1	0.26
4/16/2020		
4/18/2020	<0.1	0.25
10/7/2020		
10/8/2020		<0.1
10/9/2020	0.04 (J)	
3/29/2021		
3/31/2021		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-303
4/1/2021	0.04	0.26
9/2/2021		
9/7/2021	0.7	0.24
3/22/2022		
3/24/2022	<0.1	0.22

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL 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	1.6 (J)	<5	<5					
3/1/2016					<5	<5			
3/3/2016							180	<5	<5
5/2/2016	15 (o)	2.1 (J)	<5			<5			
5/3/2016					<5				
5/4/2016				<5			200	<5	<5
7/5/2016	<5	2 (J)	<5		<5	<5			
7/6/2016							150		
7/7/2016								<5	<5
7/8/2016				<5					
9/6/2016	<5	1.8 (J)	<5	<5	<5	3.7 (J)			
9/7/2016								<5	<5
9/8/2016							160		
11/7/2016	<5	1.7 (J)	<5		<5	<5		<5	
11/8/2016							230		<5
11/10/2016				<5					
1/9/2017	<5	1.5 (J)	2.6 (J)		<5	<5			
1/10/2017							190	<5	<5
1/11/2017				<5					
3/13/2017	2.5 (J)	2.2 (J)	<5		<5	<5			
3/14/2017				<5					
3/15/2017								<5 (*)	<5 (*)
3/16/2017							190		
5/15/2017	<5	1.9 (J)	<5		<5	<5	190		
5/16/2017								<5	<5
5/18/2017				<5 (X)					
10/2/2017	<5	3.4 (J)	<5		1.5 (J)	1.7 (J)			
10/3/2017							130	<5	<5
10/5/2017				<5					
12/20/2017							85		
3/12/2018	<5	2.6 (J)	<5		<5	<5			
3/13/2018							160	1.5 (J)	<5
3/14/2018				<5					
6/5/2018	<5	2.6 (J)	<5						
6/6/2018					<5	<5			<5
6/7/2018							280	<5	
6/10/2018				1.5 (J)					
10/16/2018	<5	2.8 (J)	<5						
10/17/2018					<5	<5	250	<5	
10/18/2018				<5					<5
2/27/2019	<5	2.4 (J)	<5	1.9 (J)	<5	<5			
2/28/2019							140	2.6 (J)	<5
5/31/2019	<5	3.3 (J)	<5	<5	<5	<5	140	12	<5
11/6/2019	<5	3.7 (J)	<5	<5	<5	<5			
11/11/2019							230	5.5	<5
4/16/2020	<5	1.7 (J)	<5	<5	<5	<5			
4/18/2020							260	<5	<5
10/7/2020	<5	4 (J)	<5	<5	<5	<5			
10/8/2020							160		
10/9/2020								<5	<5
3/29/2021	<5	2.3	<5	<5	<5	<5			
3/31/2021									18

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL 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							320	1.9	
9/2/2021	<5	4.7 (J)	<5	<5	<5	<5			
9/7/2021							120	<5	<5
3/22/2022	<5	4.5 (J)	<5	<5	<5	<5			
3/24/2022							180	18	<5

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	190	750
9/2/2021		
9/7/2021	140	530
3/22/2022		
3/24/2022	1700	680

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/2/2021	40	10	8	8	10	<5			
9/7/2021							1000	360	24
3/22/2022	58	18	14	46	84	22			
3/24/2022							1400	440	62

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 1:52 PM View: 300 Series - Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-308
4/1/2021		560
9/2/2021		
9/7/2021	54	450
3/22/2022		
3/24/2022	16	470

Appendix III - Intrawell Prediction Limits - 300 Series Wells - All Results (No Significant)

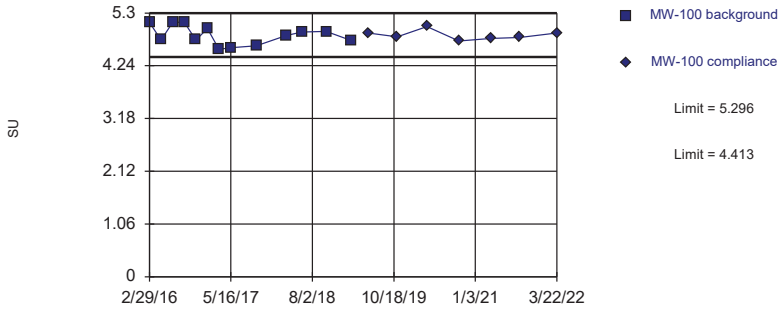
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:55 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Field pH (SU)	MW-100	5.296	4.413	3/22/2022	4.9	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	3/22/2022	5.02	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	3/22/2022	4.91	No	13	4.909	0.2421	0	None	No	0.000752	Param Intra 1 of 2
Field pH (SU)	MW-108	5.218	4.328	3/22/2022	4.89	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	3/24/2022	4.68	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	3/24/2022	6.9	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	3/24/2022	5.83	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	3/24/2022	4.84	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	3/22/2022	5.1	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	3/22/2022	5.18	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	3/24/2022	6.68	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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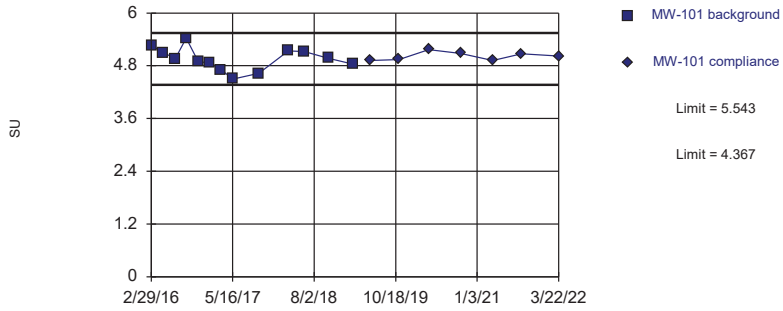
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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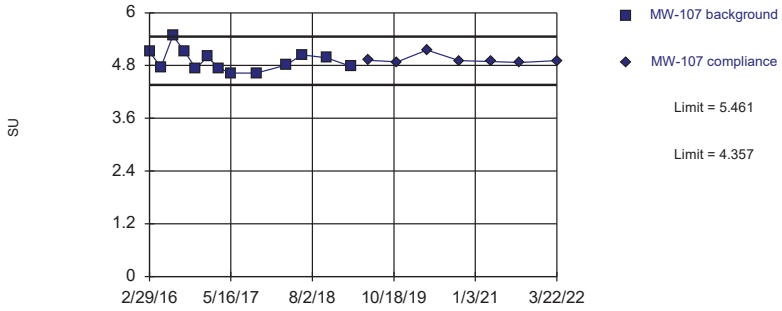
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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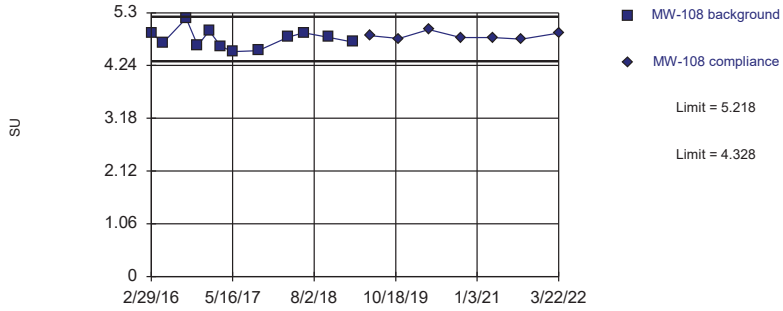
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.322 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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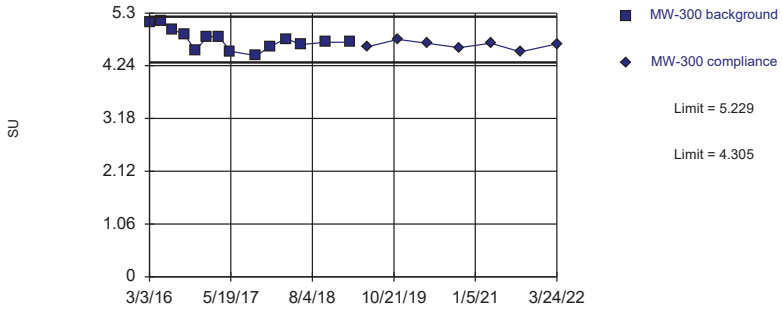
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.767, Std. Dev.=0.2067, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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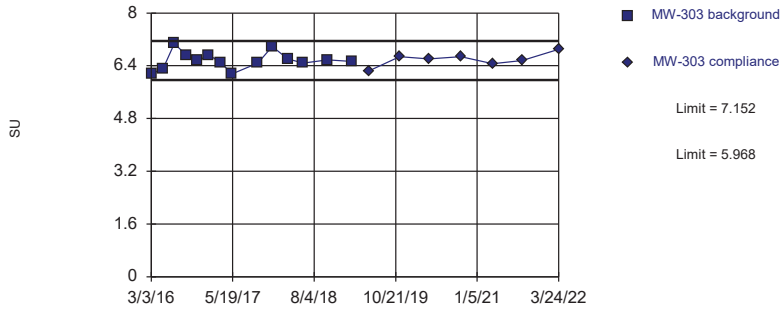
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.56, Std. Dev.=0.2649, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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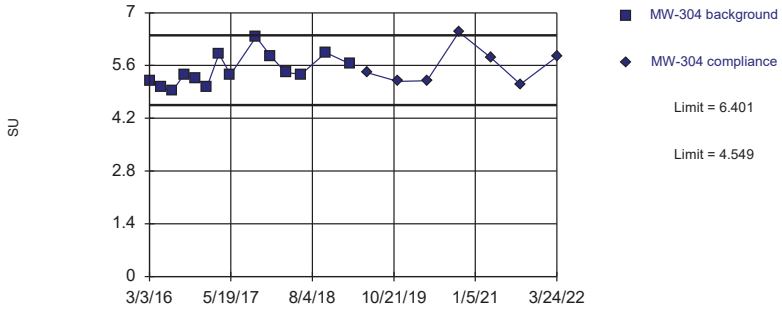
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.475, Std. Dev.=0.4141, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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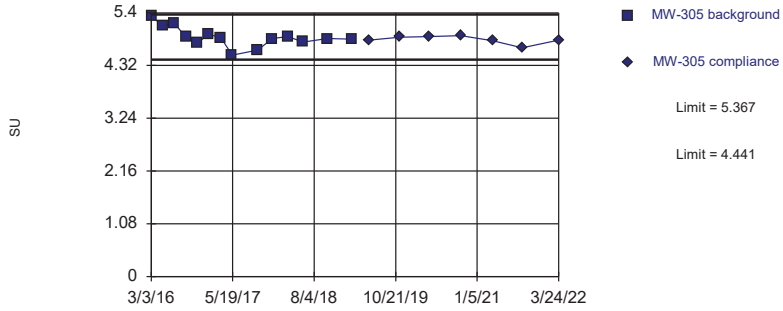
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.904, Std. Dev.=0.2071, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

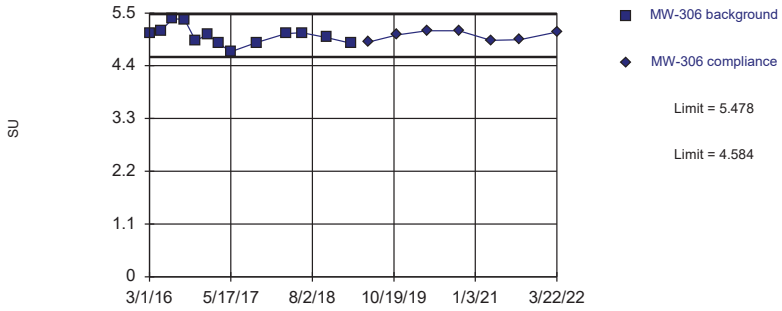
Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.031, Std. Dev.=0.1961, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

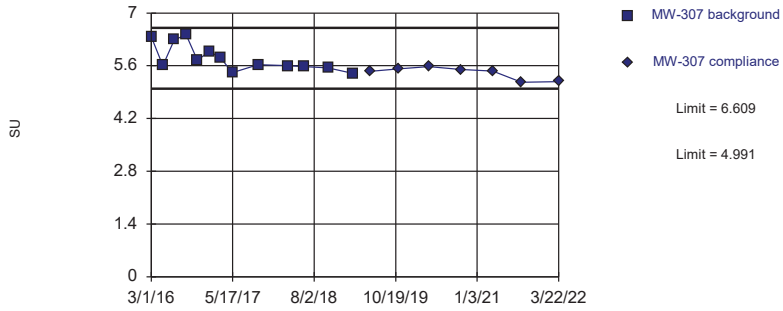
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

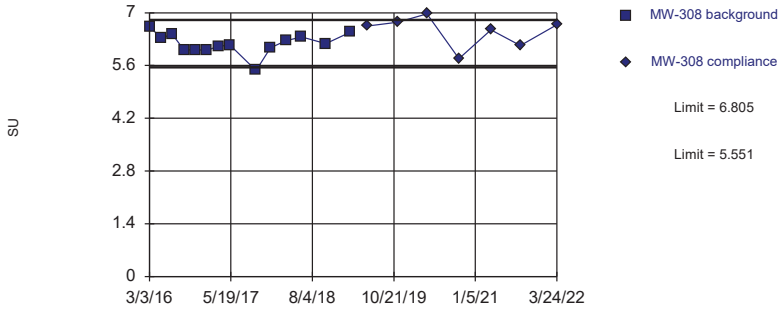
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.178, Std. Dev.=0.2805, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.9

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.02

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.91

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.89

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		4.68

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		6.9

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		5.83

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		4.84

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.1

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.18

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:55 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		6.68

Trend Tests - 100, 200 & 300 Series

100 Series

Appendix III Trend Test Summary - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:30 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06335**	**101**	**81**	**Yes**	**20**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-104**	**3.541**	**98**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4374**	**132**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-103**	**1.481**	**125**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.725**	**129**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-105**	**0.0546**	**95**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

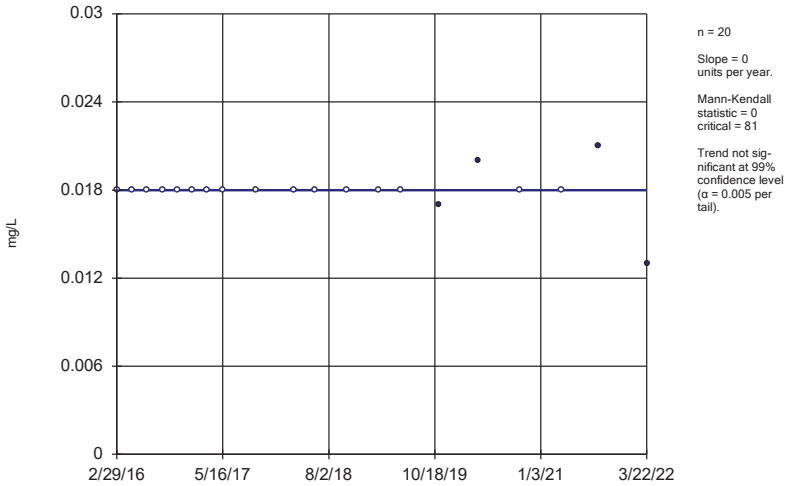
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:30 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	0	81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-36	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02768	-55	-87	No	21	14.29	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	-0.02027	-15	-87	No	21	9.524	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-41	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-9	-81	No	20	70	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06335**	**101**	**81**	**Yes**	**20**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.207	64	87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.006981	-32	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-102	-0.07445	-76	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-103	-0.1449	-81	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-104**	**3.541**	**98**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-105	0.3649	15	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02101	-64	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4374**	**132**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	0.7328	26	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.00887	31	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1123	46	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-103**	**1.481**	**125**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	-4	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-105	-1.878	-39	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1151	-61	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2076	-60	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**2.725**	**129**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	2.398	12	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.0144	-21	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.007234	-7	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01826	44	87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-105**	**0.0546**	**95**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-107 (bg)	-0.006427	-6	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	6	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.008985	-14	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-31	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-104	-0.00781	-25	-87	No	21	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	81	No	20	95	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	3	81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	8	74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-5	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.528	-71	-87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	20.5	25	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	-0.2915	-9	-87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	9	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-109	0.8411	26	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	7.946	53	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	3	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	15	81	No	20	90	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	5.564	73	81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9099	20	81	No	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	2.554	9	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	-5.5	-15	-87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9834	41	81	No	20	35	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8773	48	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	28.03	47	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.558	68	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-81	No	20	20	n/a	n/a	0.01	NP

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 81

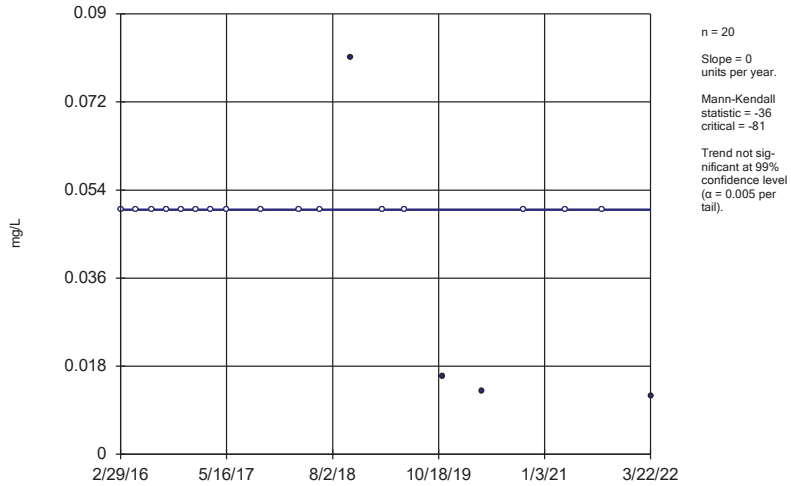
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -36
critical = -81

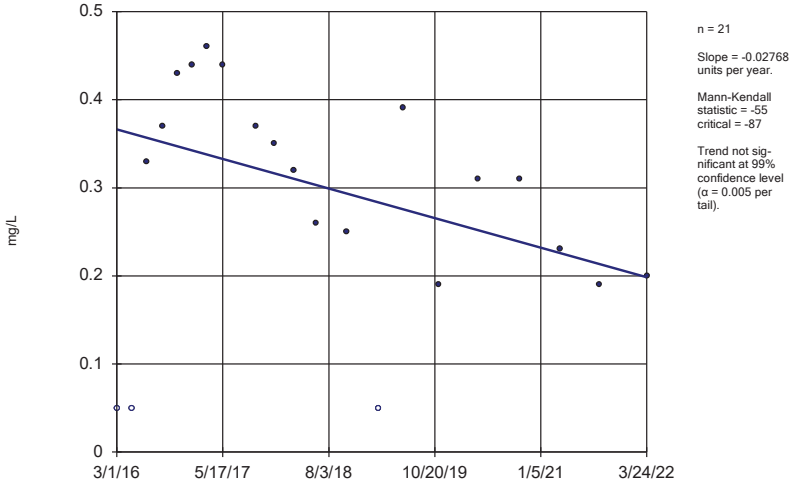
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-103



n = 21

Slope = -0.02768 units per year.

Mann-Kendall statistic = -55
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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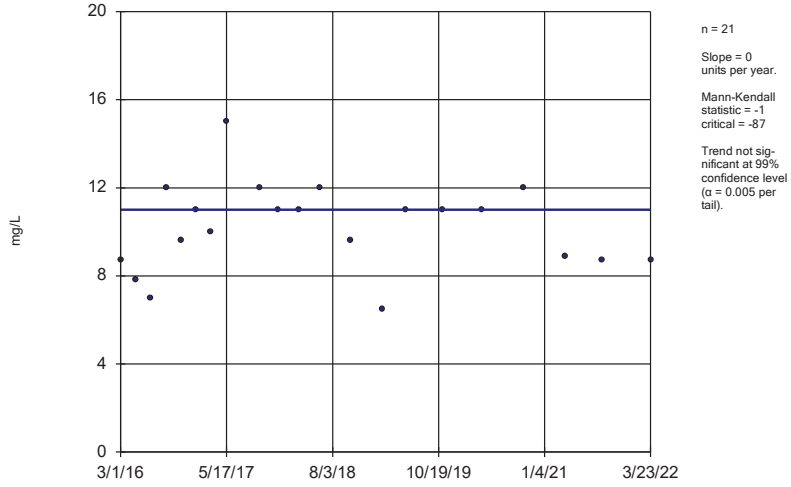
Sen's Slope Estimator

MW-104



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -87

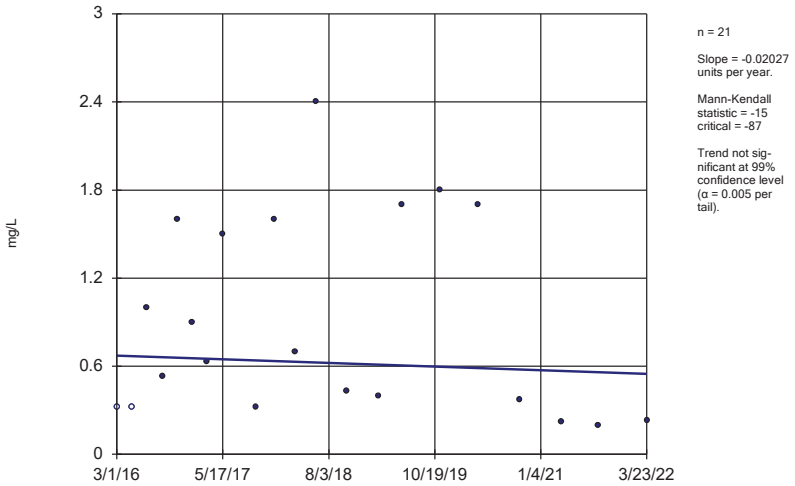
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-105



n = 21

Slope = -0.02027 units per year.

Mann-Kendall statistic = -15
critical = -87

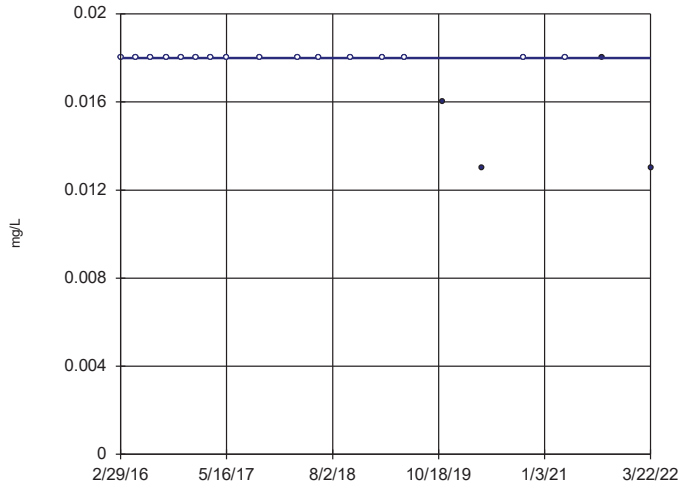
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -41
critical = -81

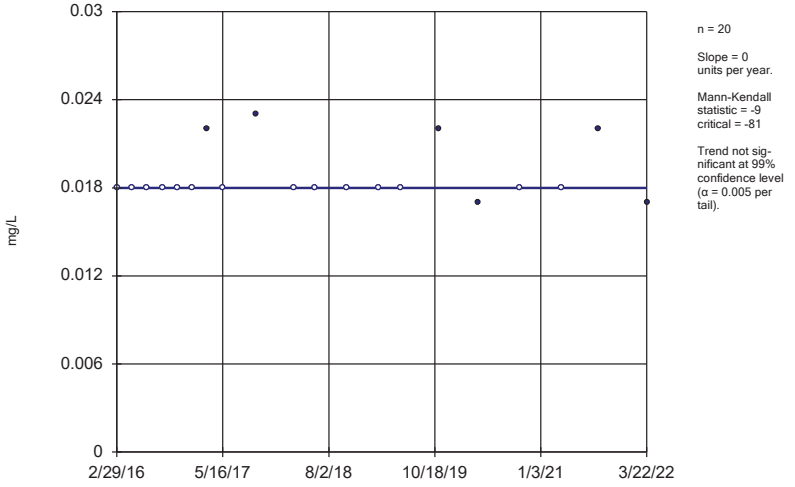
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -9
critical = -81

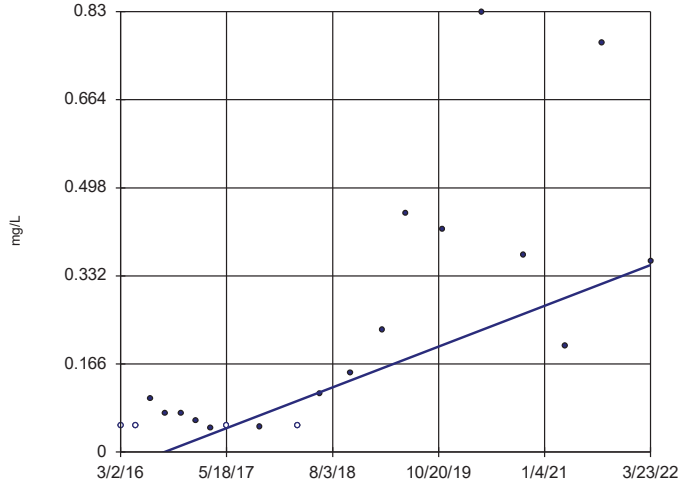
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-109



n = 20

Slope = 0.06335 units per year.

Mann-Kendall statistic = 101
critical = 81

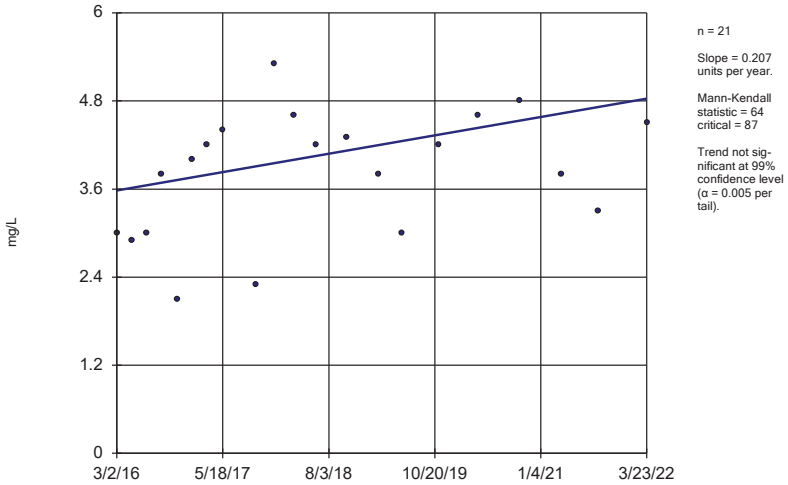
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 21

Slope = 0.207 units per year.

Mann-Kendall statistic = 64 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

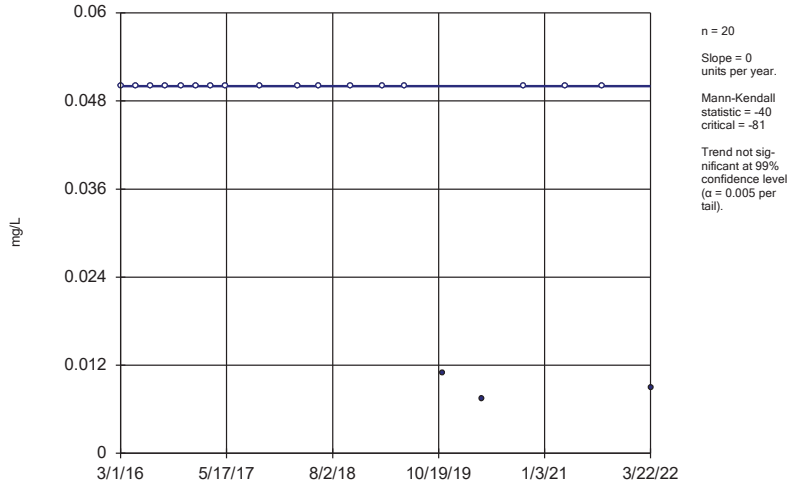
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -40 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

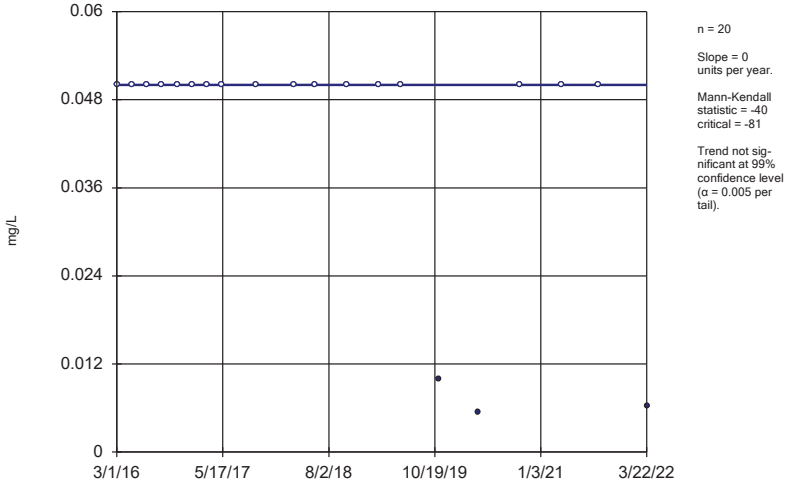
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -40 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

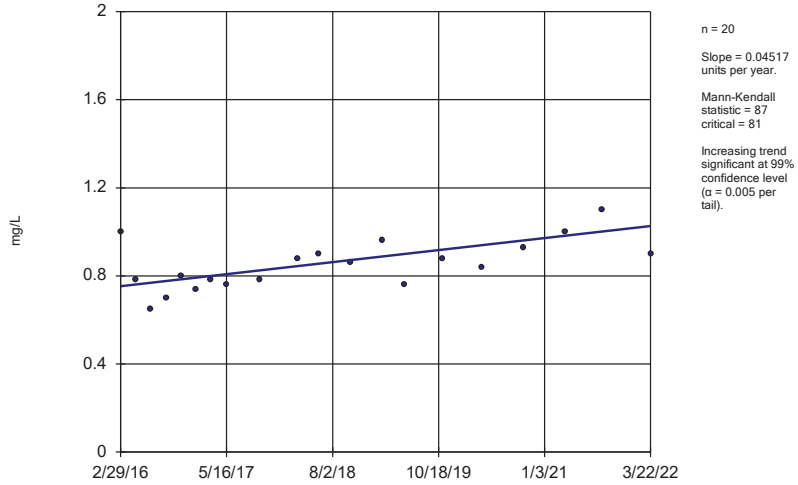
Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0.04517 units per year.

Mann-Kendall statistic = 87 critical = 81

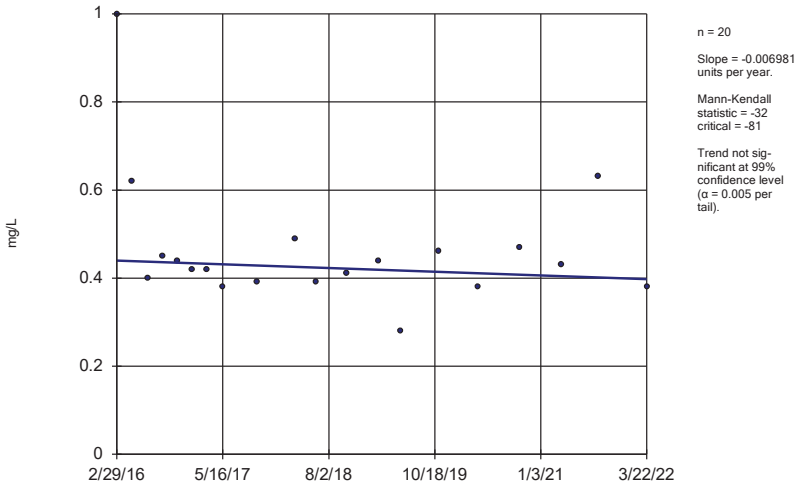
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = -0.006981 units per year.

Mann-Kendall statistic = -32
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

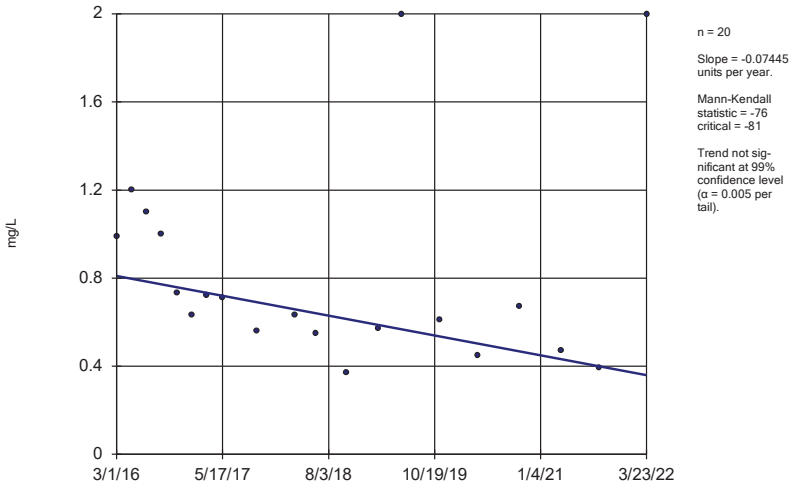
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-102



n = 20

Slope = -0.07445 units per year.

Mann-Kendall statistic = -76
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

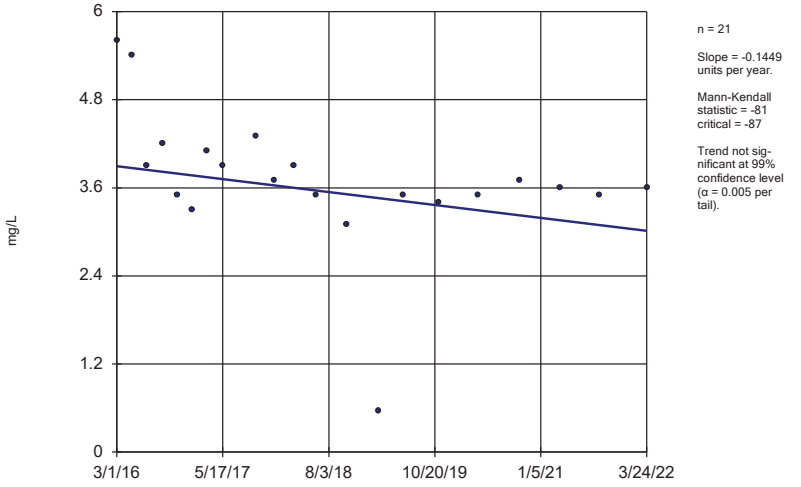
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 21

Slope = -0.1449 units per year.

Mann-Kendall statistic = -81
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

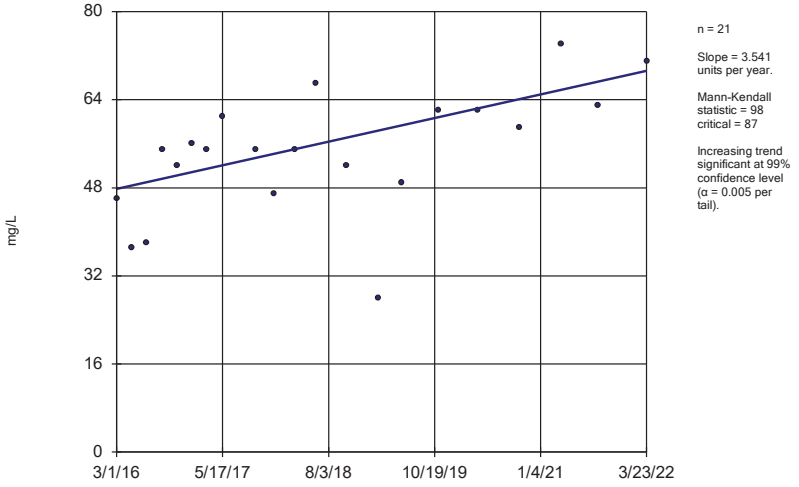
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 21

Slope = 3.541 units per year.

Mann-Kendall statistic = 98
critical = 87

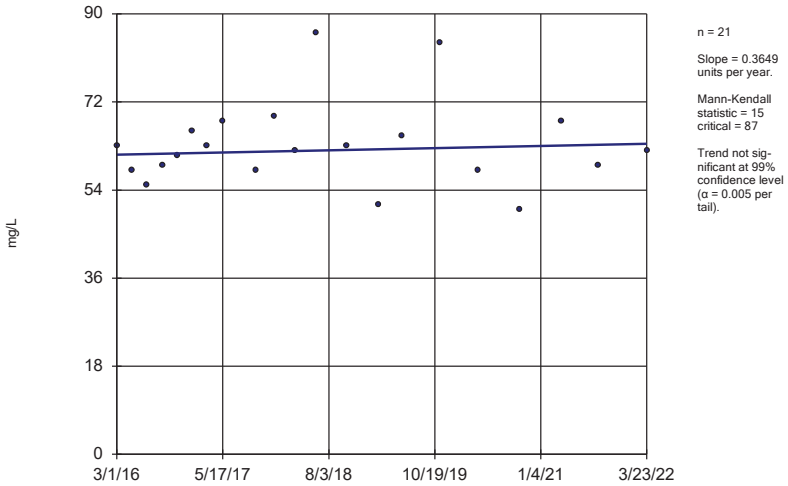
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-105



n = 21

Slope = 0.3649 units per year.

Mann-Kendall statistic = 15 critical = 87

Trend not sig-nificant at 99% confidence level (α = 0.005 per tail).

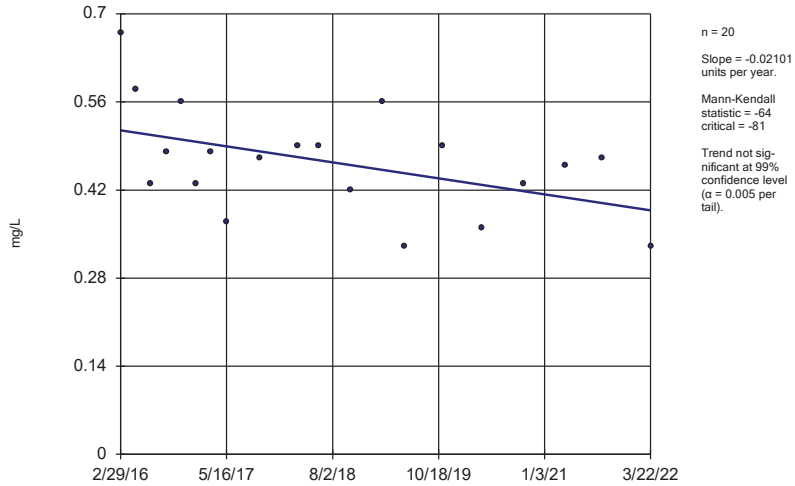
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.02101 units per year.

Mann-Kendall statistic = -64 critical = -81

Trend not sig-nificant at 99% confidence level (α = 0.005 per tail).

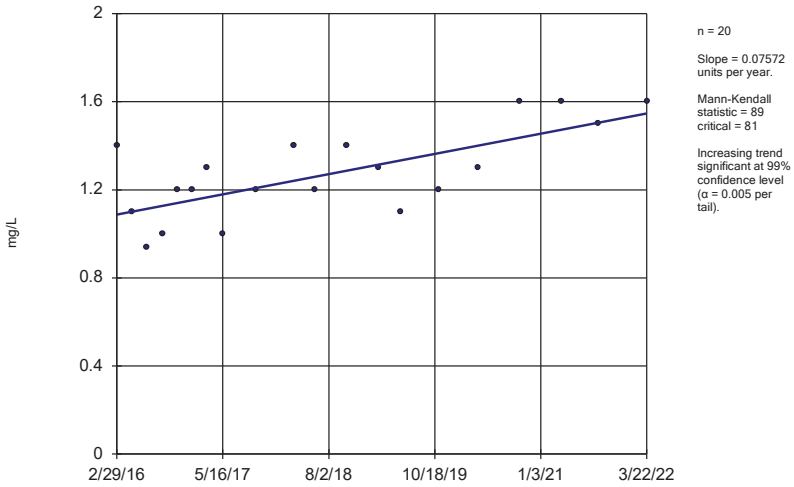
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.07572 units per year.

Mann-Kendall statistic = 89 critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

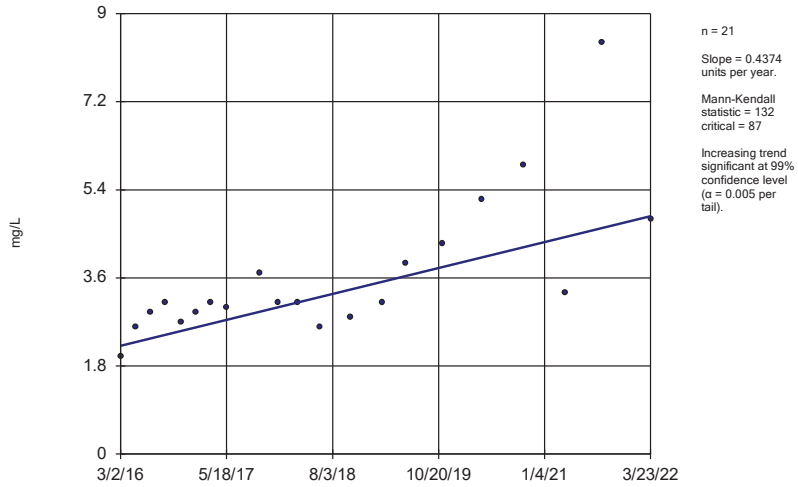
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109



n = 21

Slope = 0.4374 units per year.

Mann-Kendall statistic = 132 critical = 87

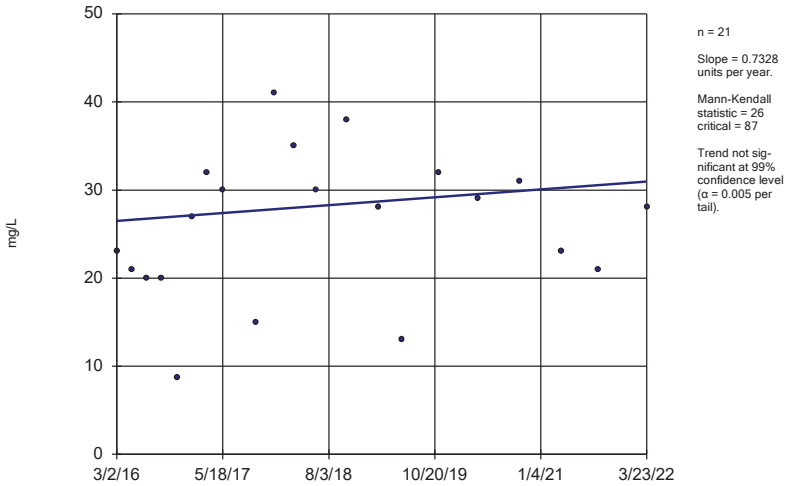
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-110



n = 21

Slope = 0.7328 units per year.

Mann-Kendall statistic = 26
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

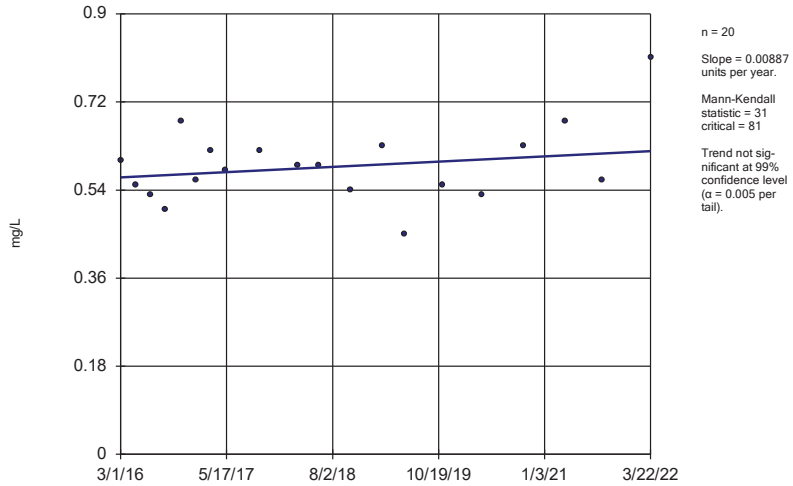
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0.00887 units per year.

Mann-Kendall statistic = 31
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

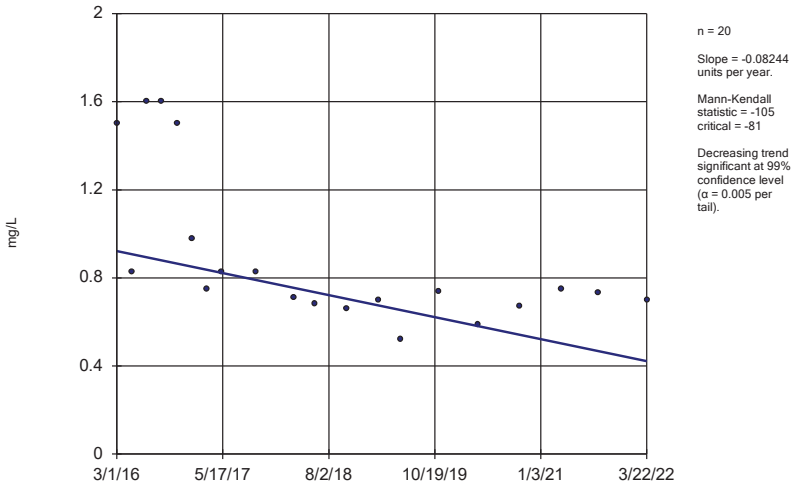
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = -0.08244 units per year.

Mann-Kendall statistic = -105
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

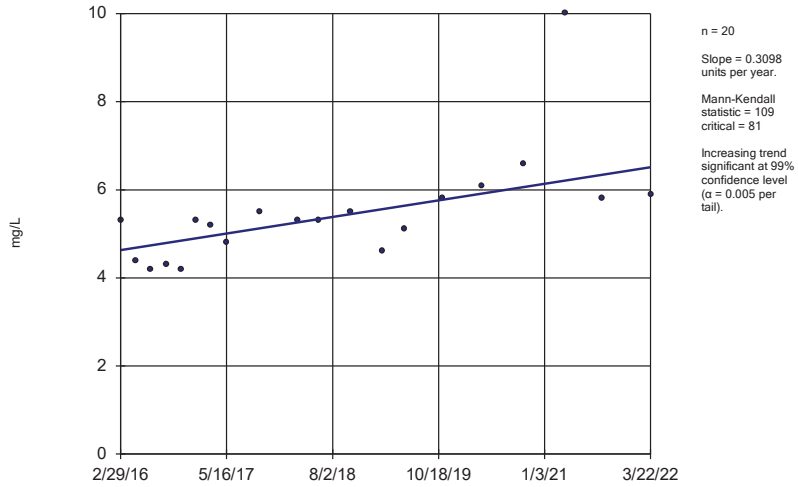
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0.3098 units per year.

Mann-Kendall statistic = 109
critical = 81

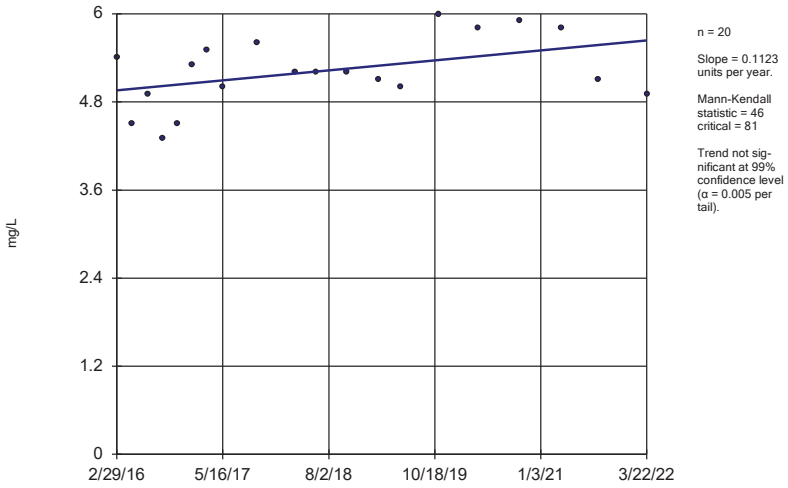
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0.1123 units per year.

Mann-Kendall statistic = 46 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

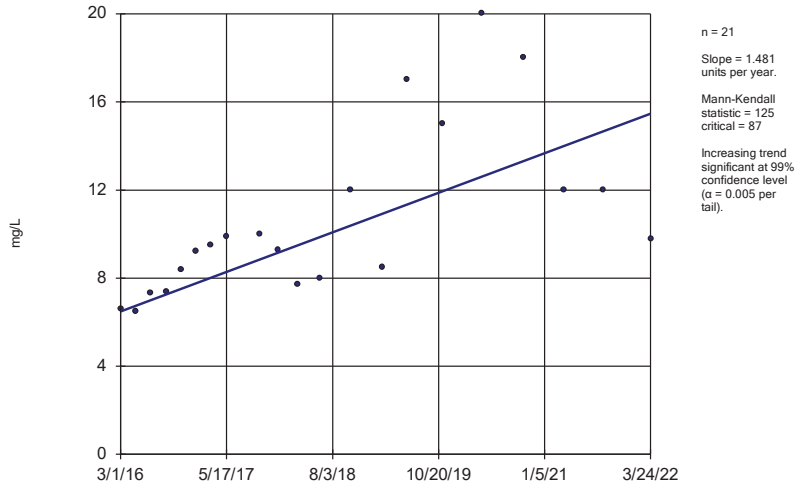
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 21

Slope = 1.481 units per year.

Mann-Kendall statistic = 125 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

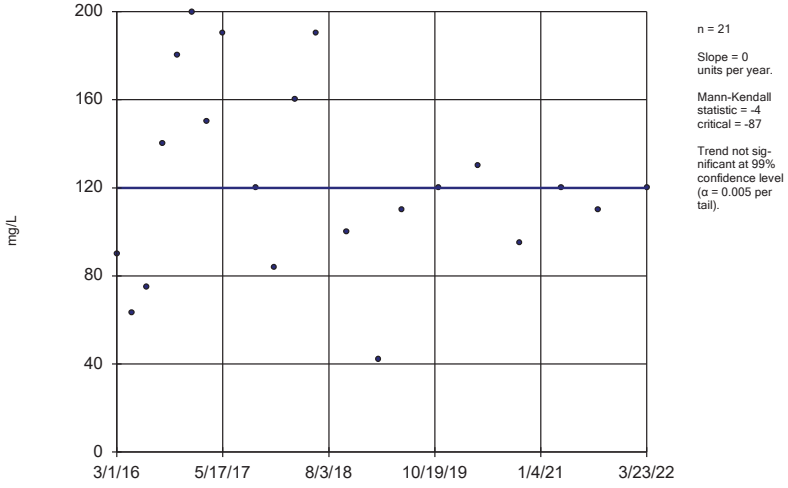
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -4 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

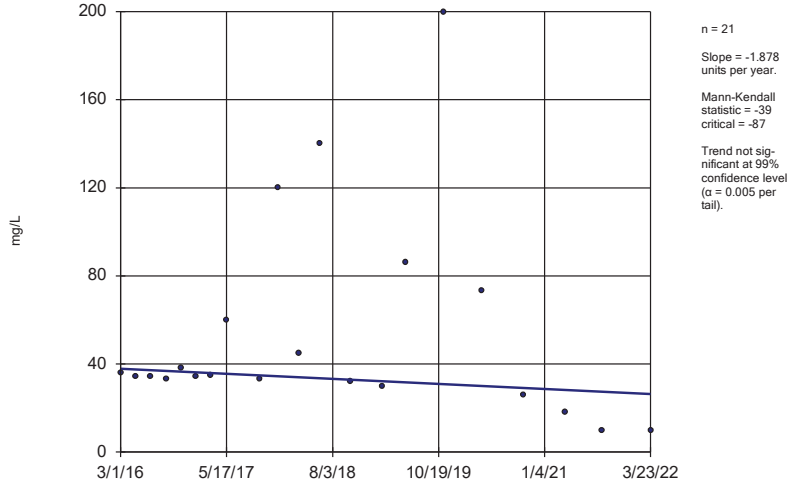
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 21

Slope = -1.878 units per year.

Mann-Kendall statistic = -39 critical = -87

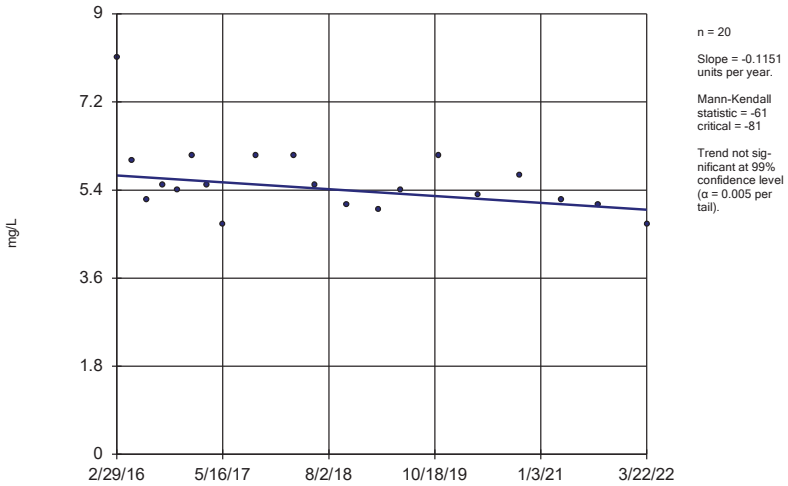
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.1151 units per year.

Mann-Kendall statistic = -61
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

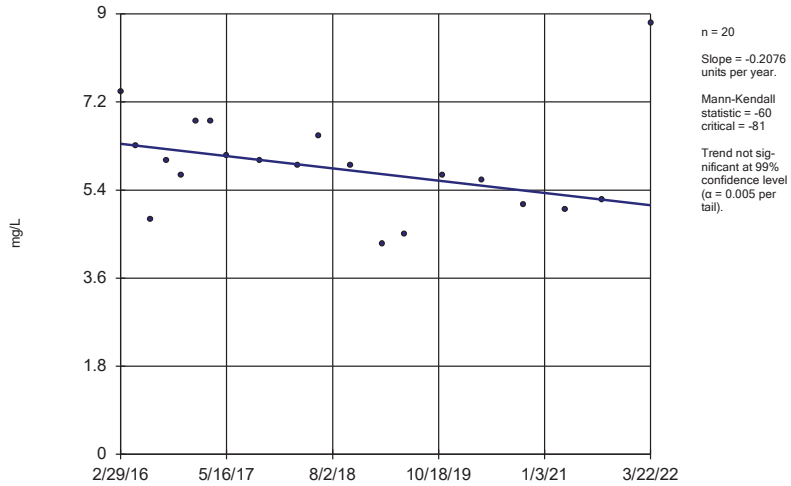
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = -0.2076 units per year.

Mann-Kendall statistic = -60
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

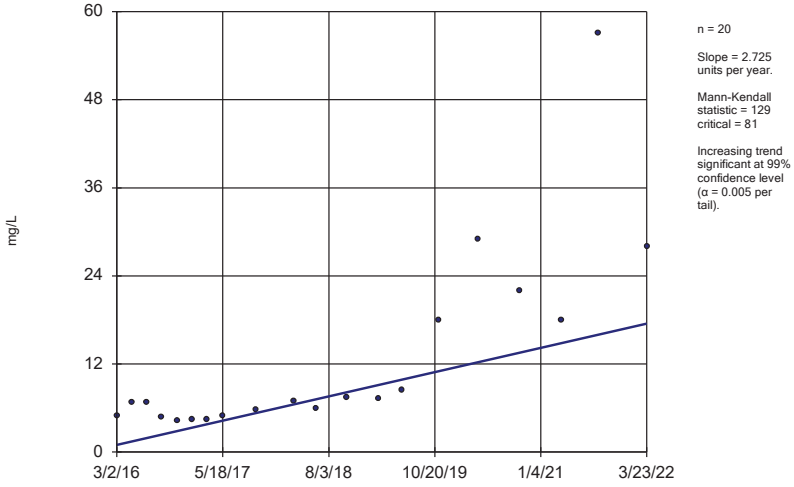
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109



n = 20

Slope = 2.725 units per year.

Mann-Kendall statistic = 129
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

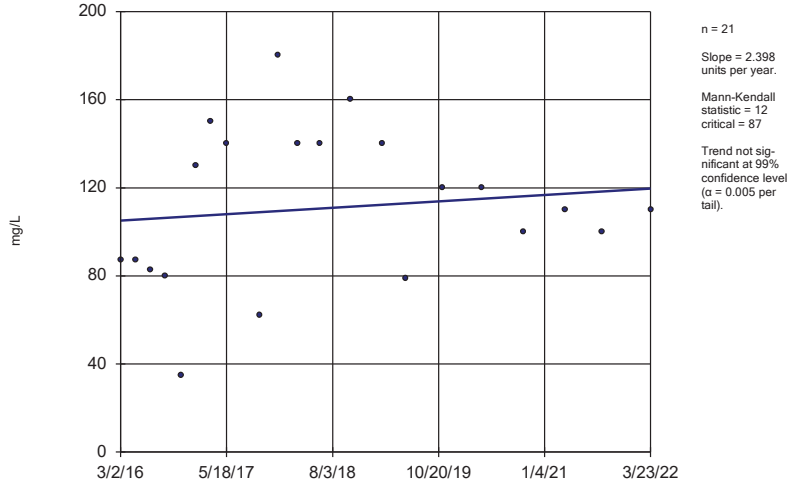
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 21

Slope = 2.398 units per year.

Mann-Kendall statistic = 12
critical = 87

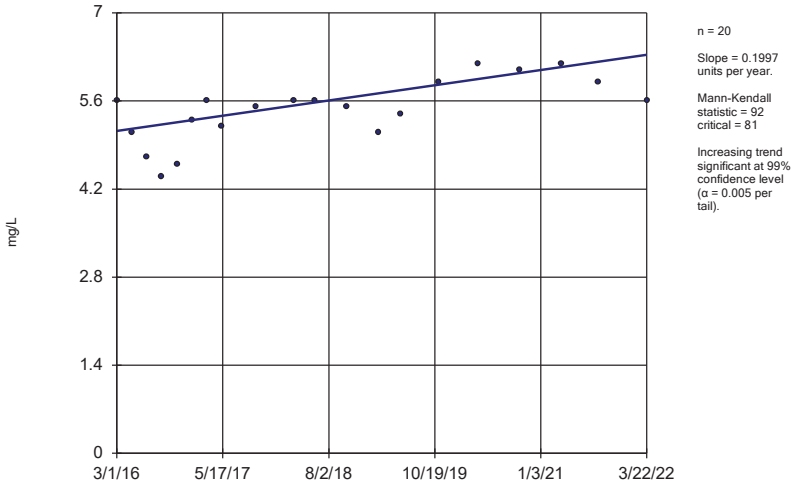
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0.1997 units per year.

Mann-Kendall statistic = 92
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

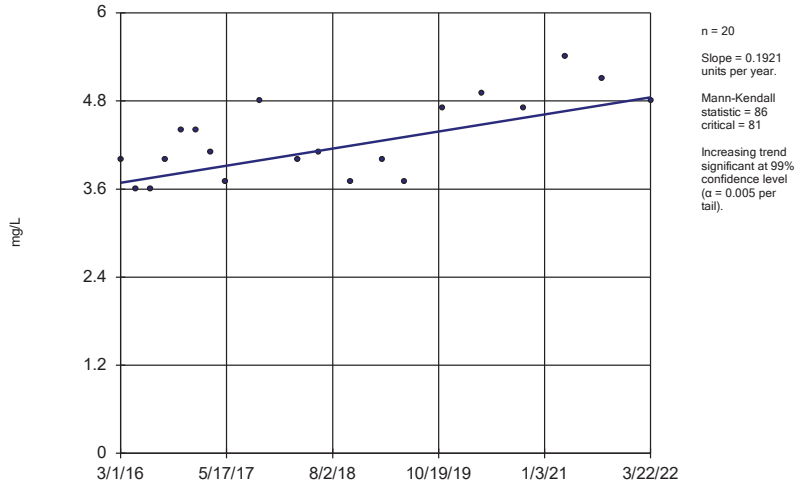
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0.1921 units per year.

Mann-Kendall statistic = 86
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

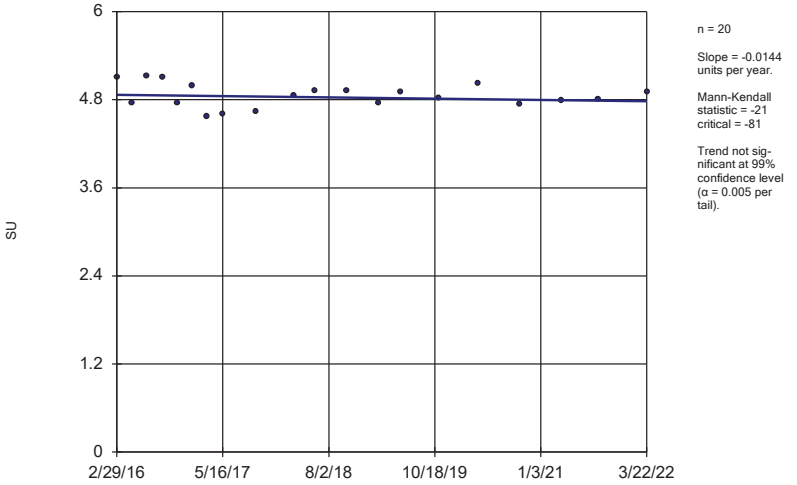
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = -0.0144 units per year.

Mann-Kendall statistic = -21
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

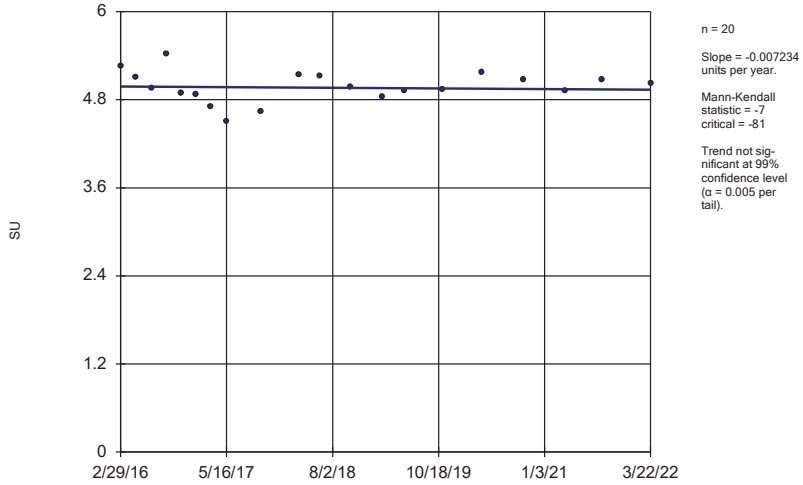
Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = -0.007234 units per year.

Mann-Kendall statistic = -7
critical = -81

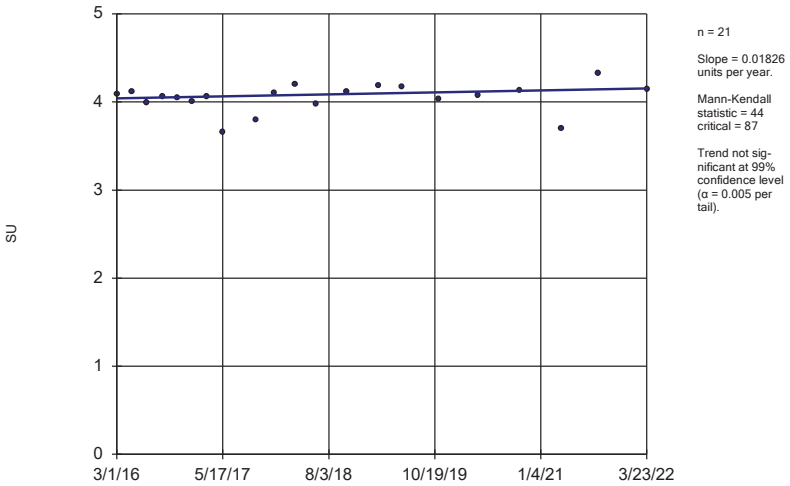
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-104



n = 21

Slope = 0.01826 units per year.

Mann-Kendall statistic = 44
critical = 87

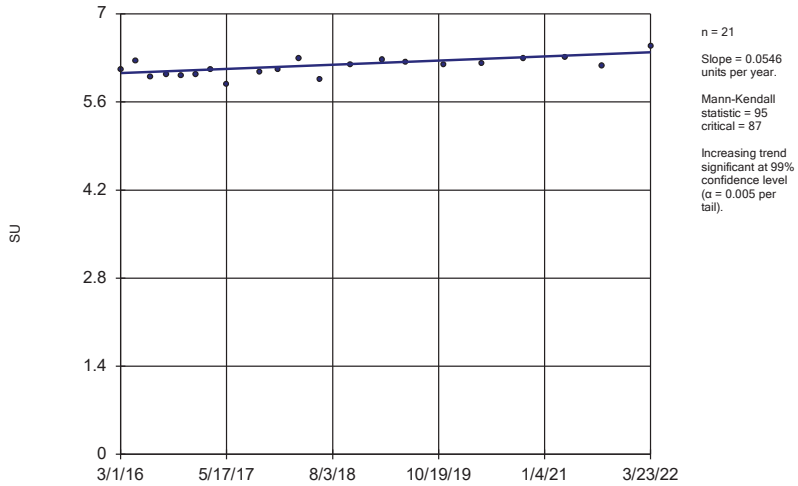
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 21

Slope = 0.0546 units per year.

Mann-Kendall statistic = 95
critical = 87

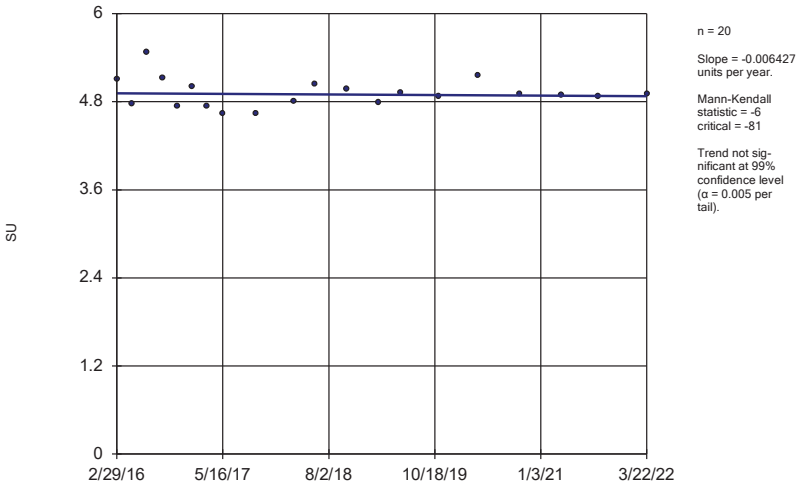
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.006427 units per year.

Mann-Kendall statistic = -6
critical = -81

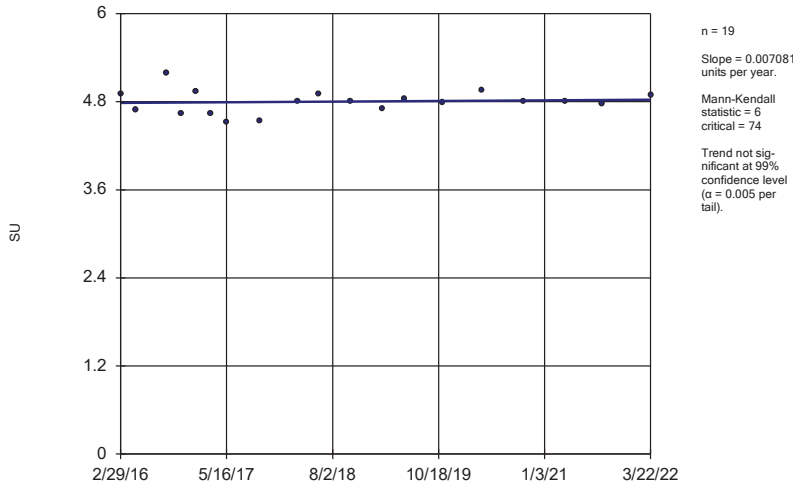
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.007081 units per year.

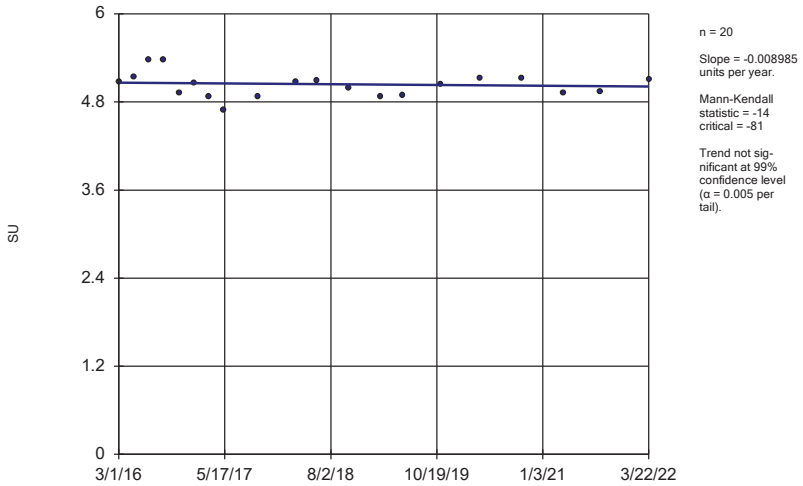
Mann-Kendall statistic = 6
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = -0.008985 units per year.

Mann-Kendall statistic = -14
critical = -81

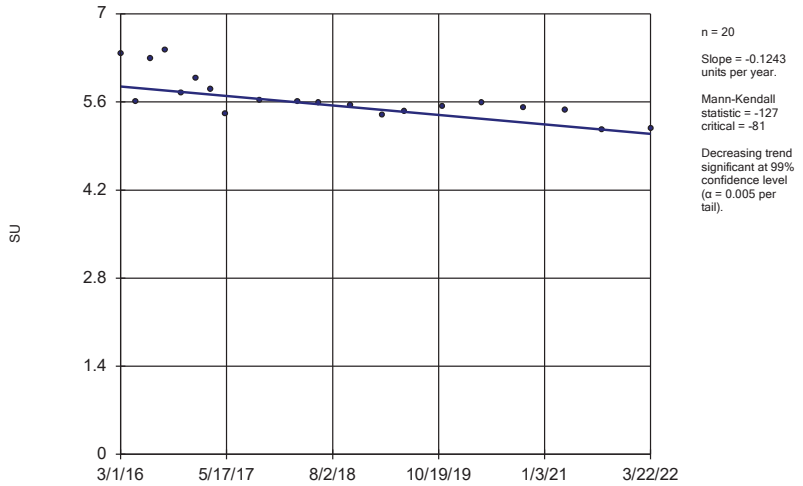
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = -0.1243 units per year.

Mann-Kendall statistic = -127
critical = -81

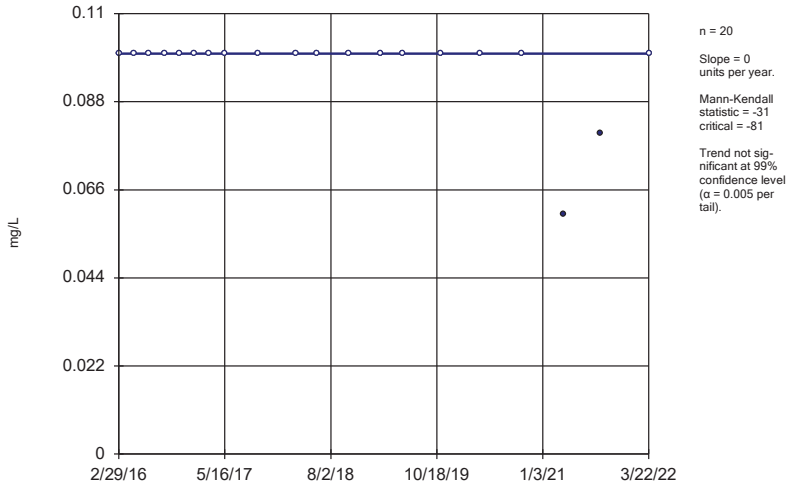
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -31
critical = -81

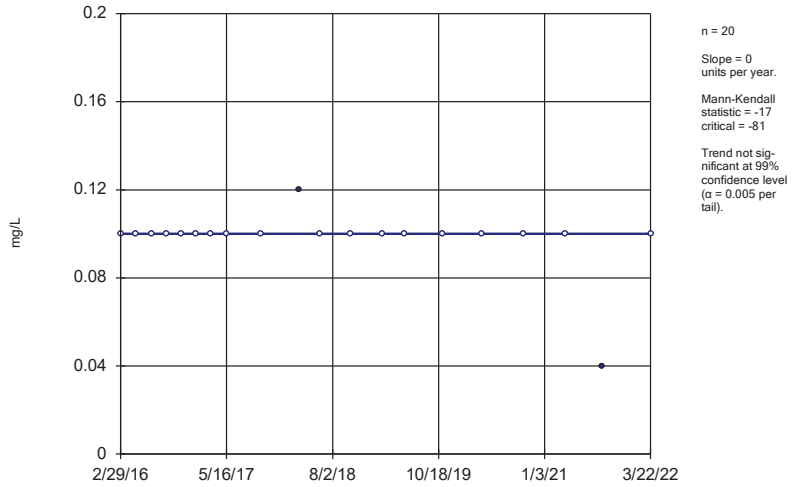
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -17
critical = -81

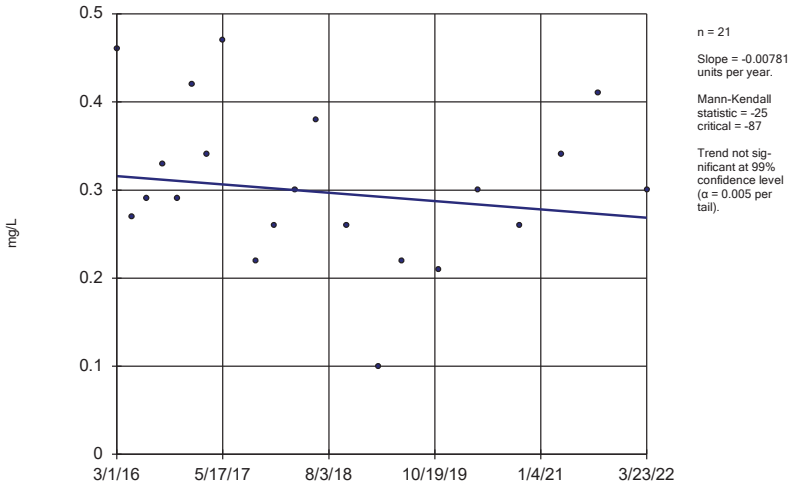
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 21

Slope = -0.00781 units per year.

Mann-Kendall statistic = -25 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

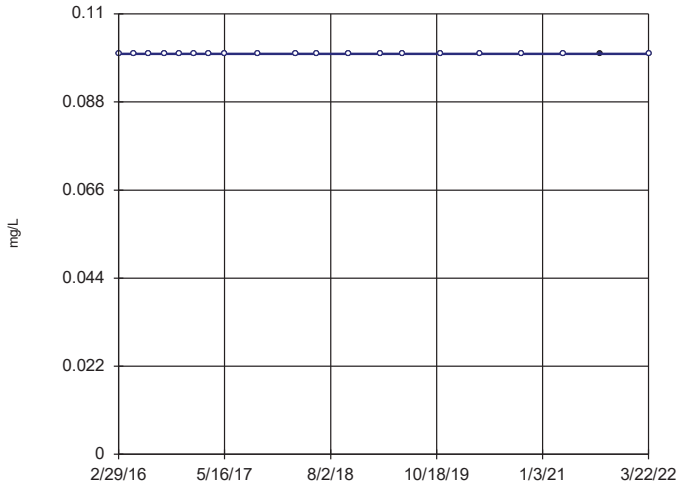
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

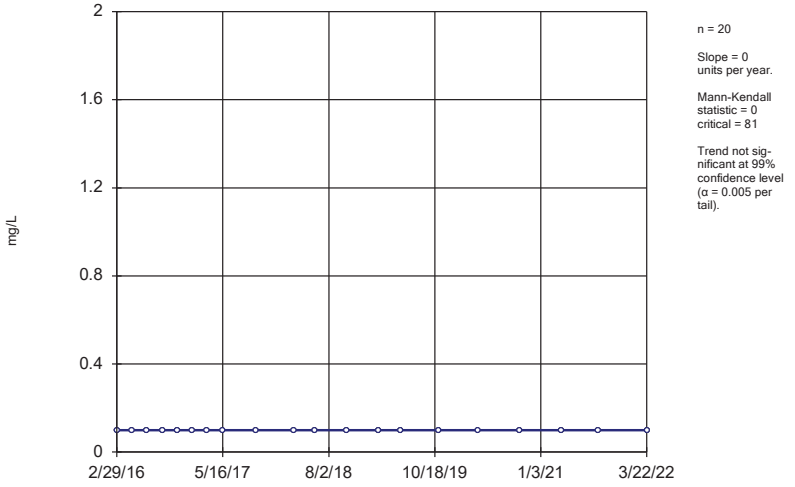
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

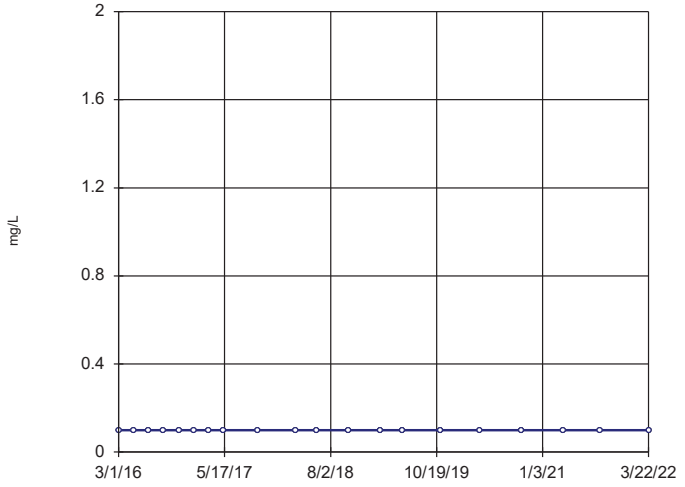
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

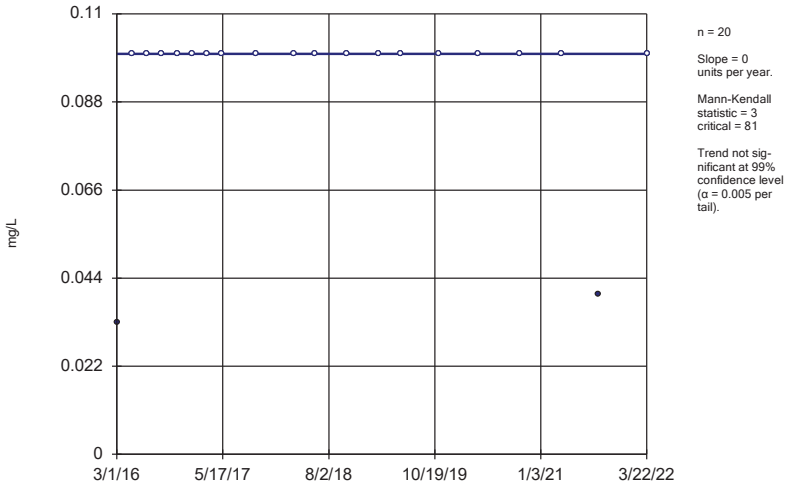
Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 3
critical = 81

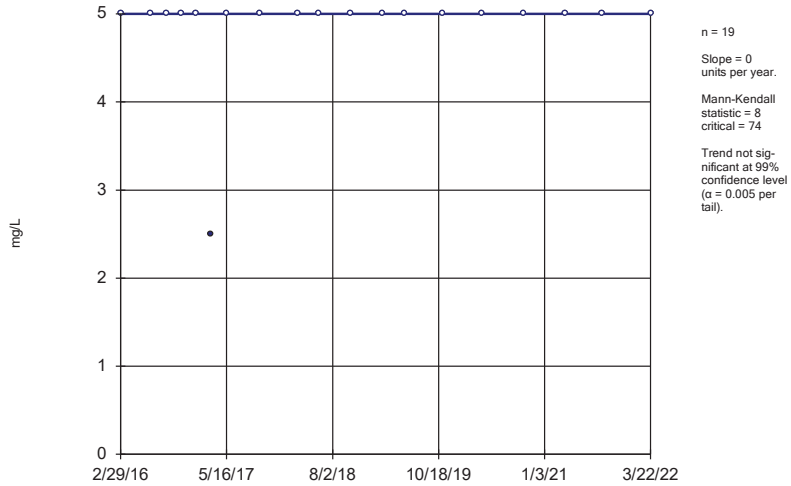
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 8
critical = 74

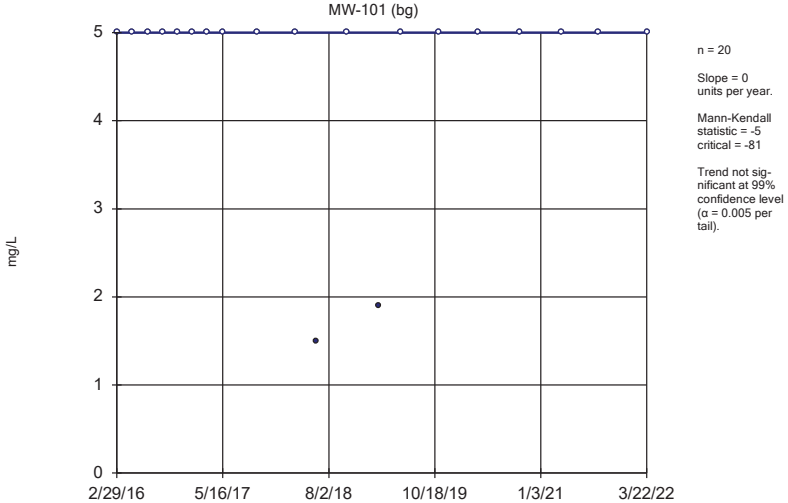
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -5
critical = -81

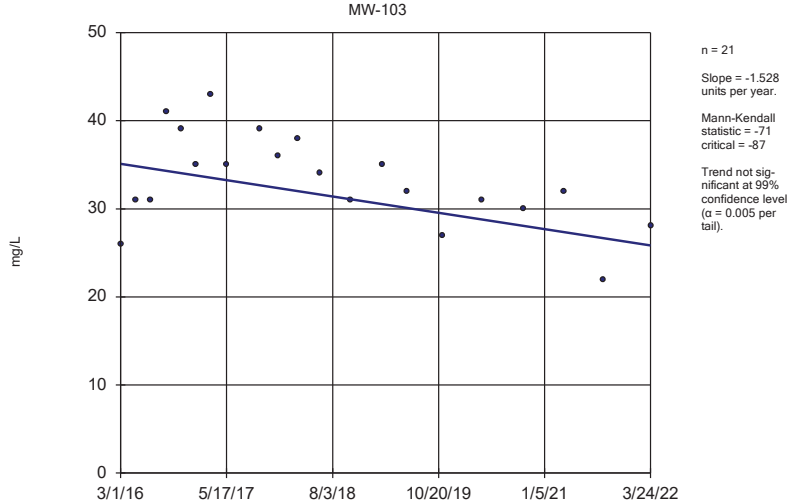
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-103



n = 21

Slope = -1.528 units per year.

Mann-Kendall statistic = -71
critical = -87

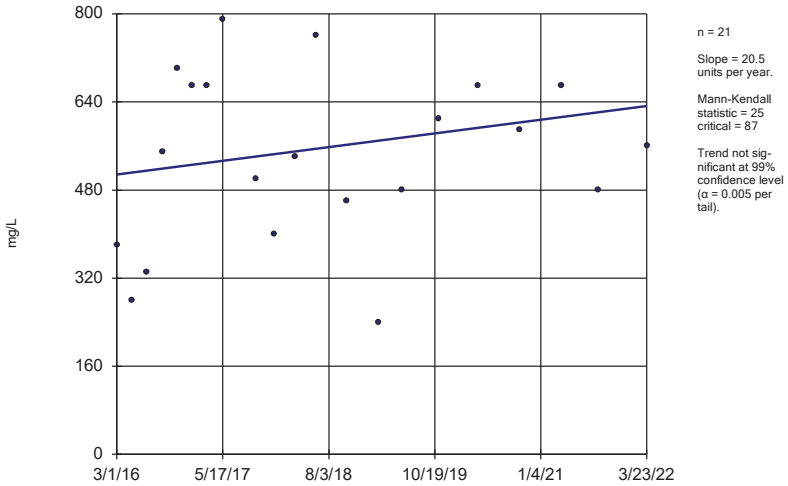
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 21

Slope = 20.5 units per year.

Mann-Kendall statistic = 25 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

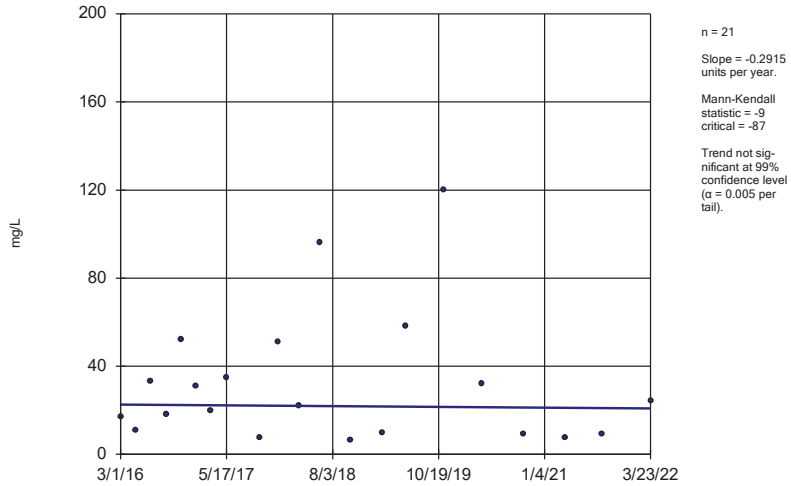
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 21

Slope = -0.2915 units per year.

Mann-Kendall statistic = -9 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

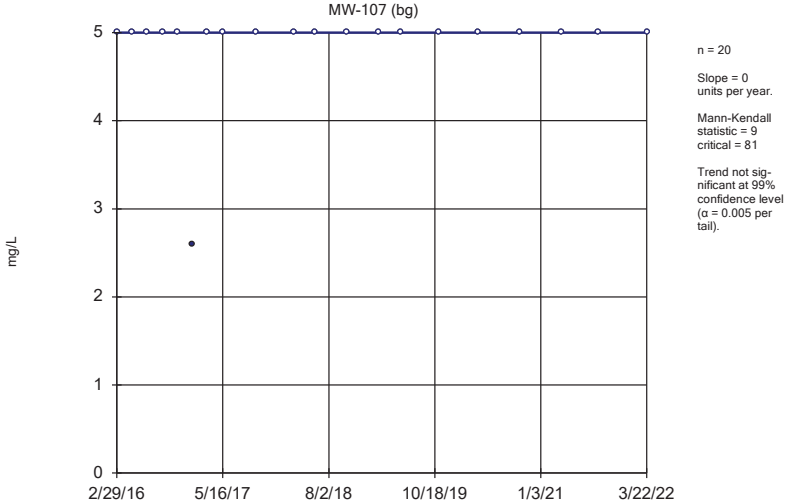
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 9 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

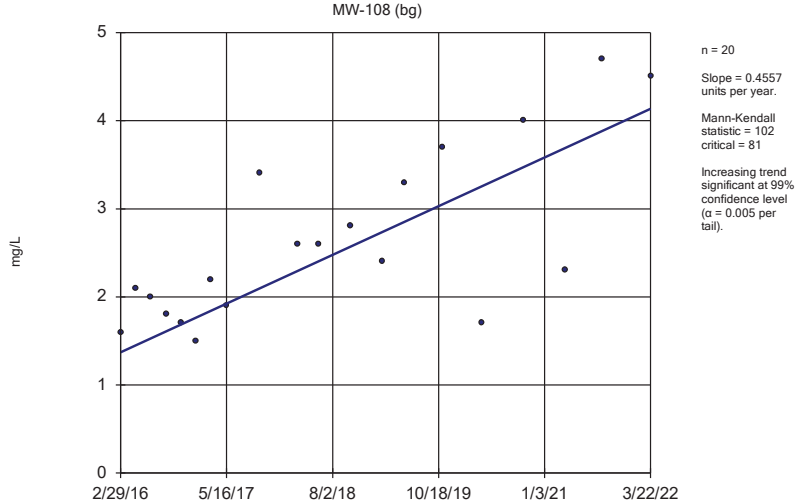
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.4557 units per year.

Mann-Kendall statistic = 102 critical = 81

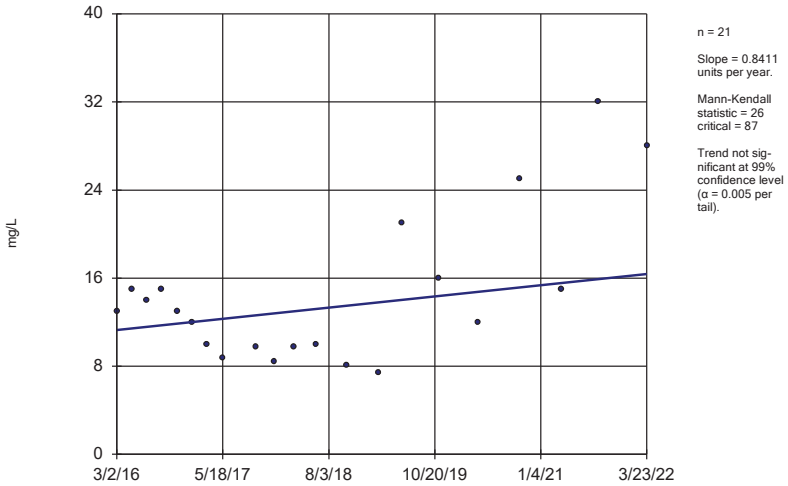
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-109



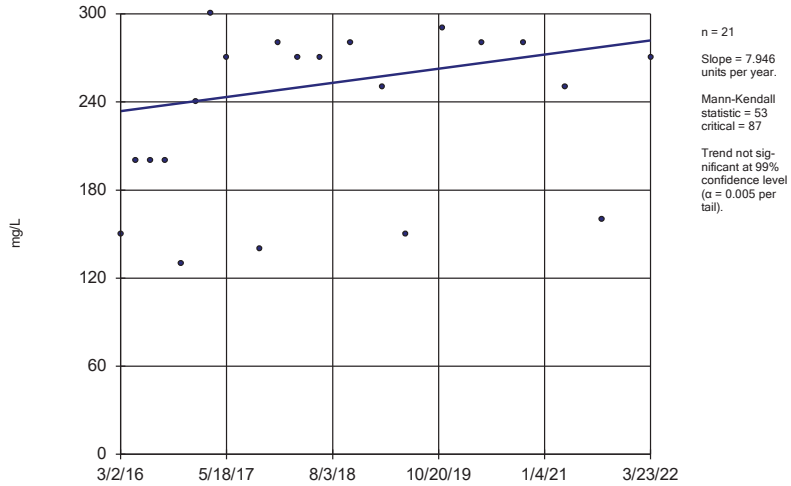
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

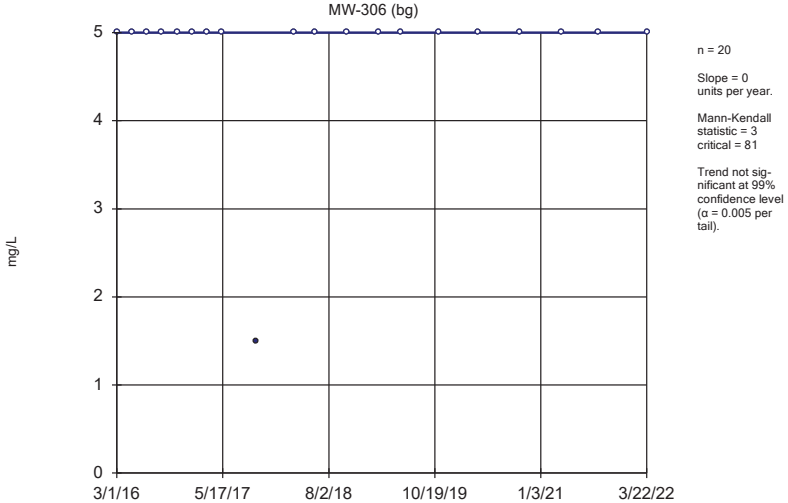
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

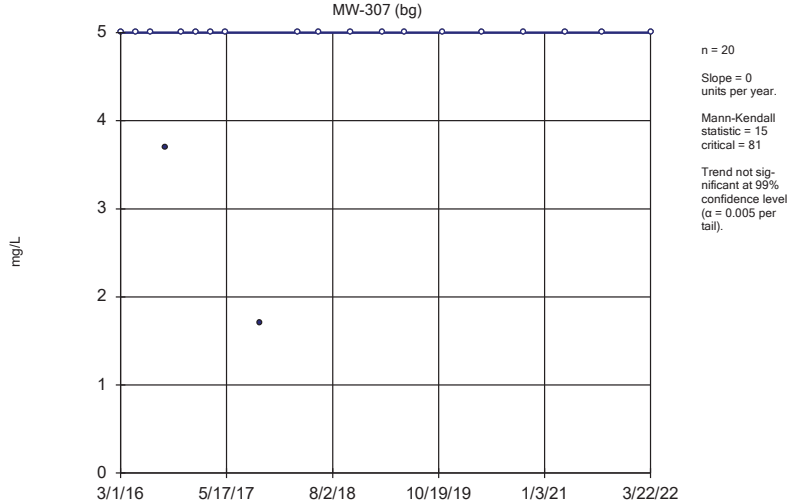
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



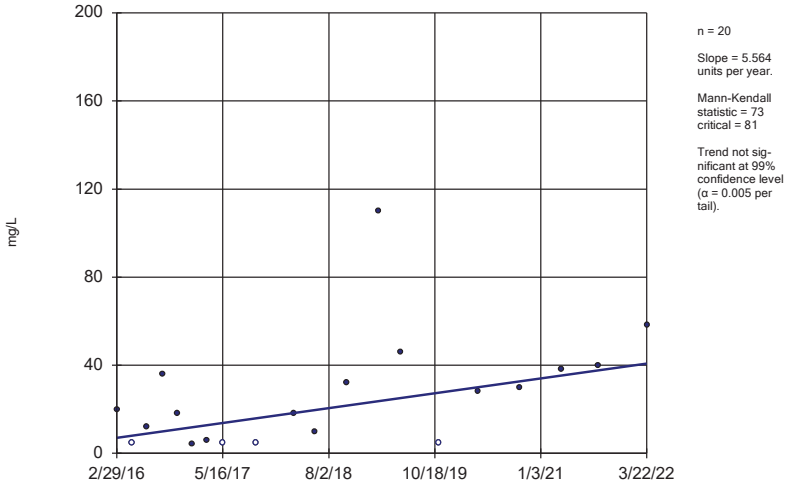
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 5.564 units per year.

Mann-Kendall statistic = 73
critical = 81

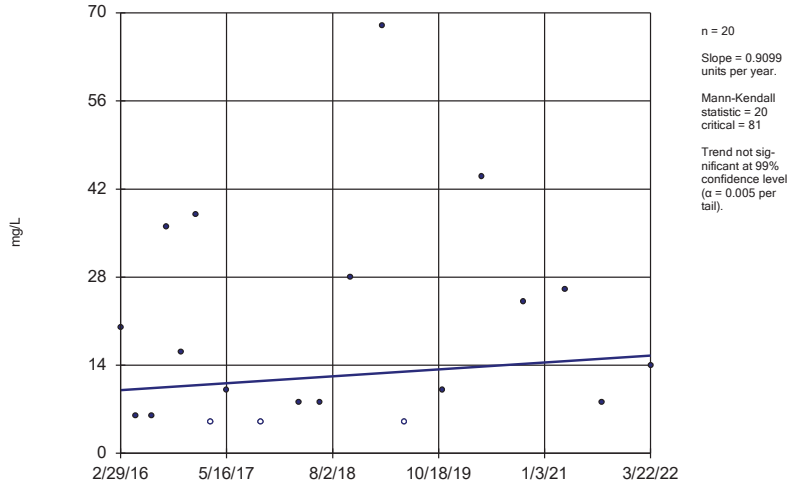
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0.9099 units per year.

Mann-Kendall statistic = 20
critical = 81

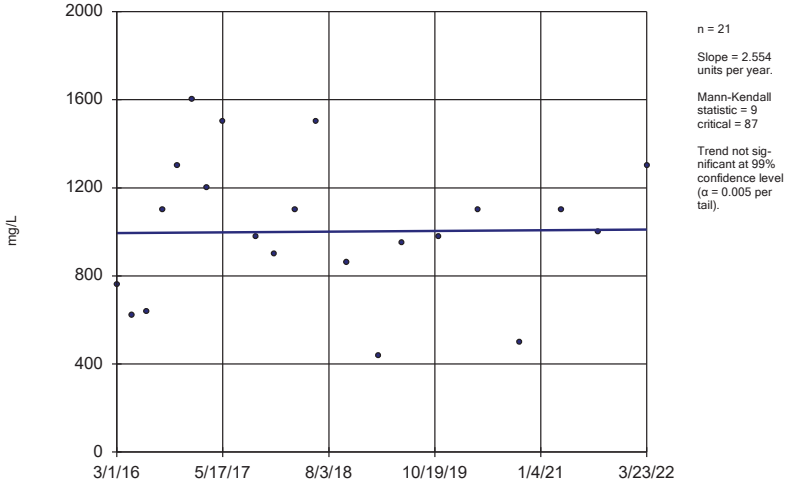
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-104



n = 21

Slope = 2.554 units per year.

Mann-Kendall statistic = 9
critical = 87

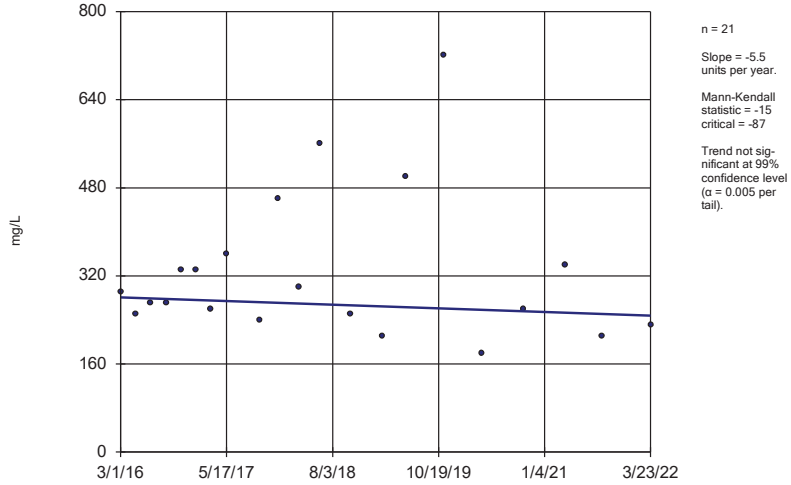
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-105



n = 21

Slope = -5.5 units per year.

Mann-Kendall statistic = -15
critical = -87

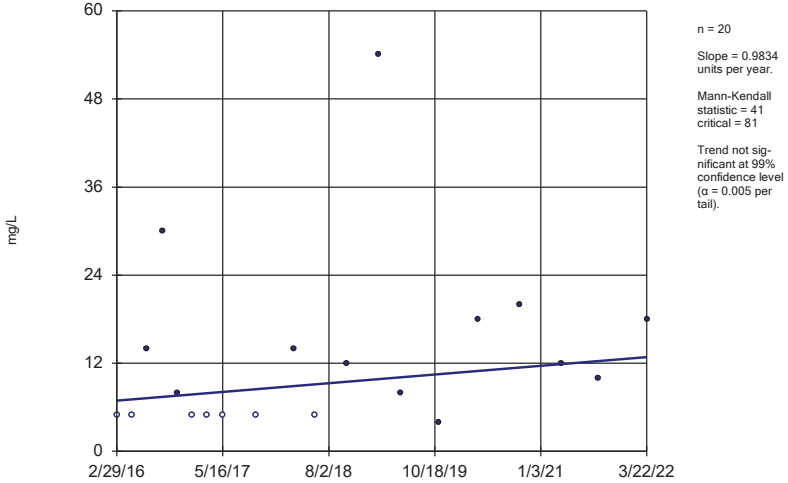
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0.9834 units per year.

Mann-Kendall statistic = 41
critical = 81

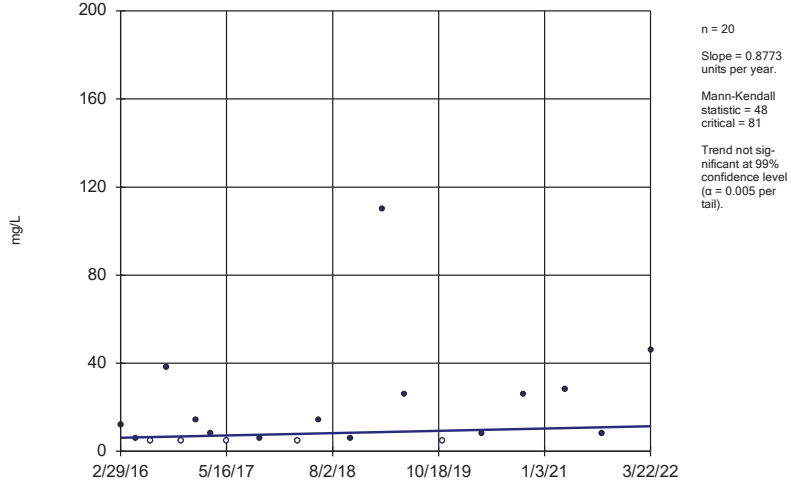
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.8773 units per year.

Mann-Kendall statistic = 48
critical = 81

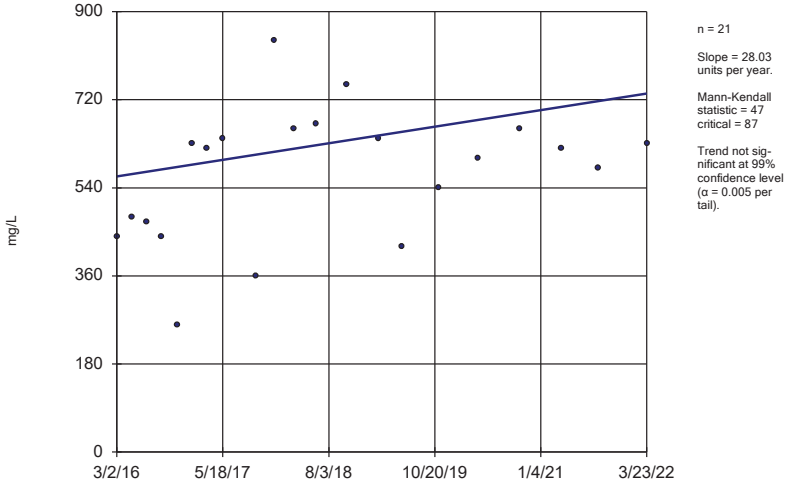
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-110



n = 21

Slope = 28.03 units per year.

Mann-Kendall statistic = 47
critical = 87

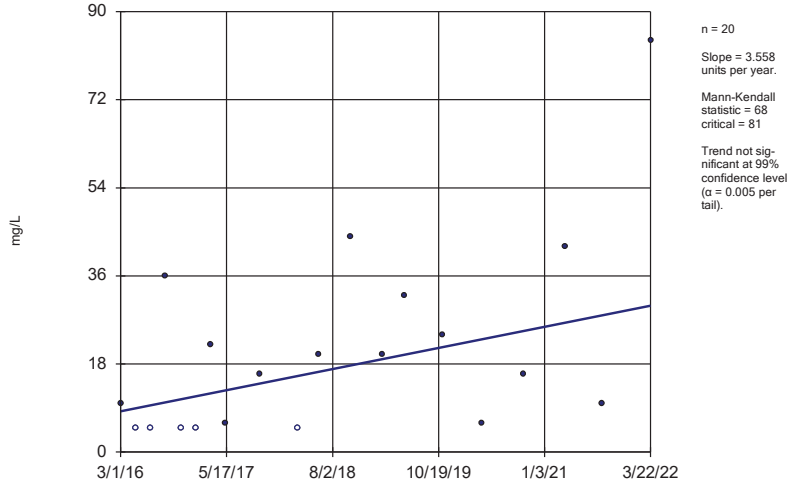
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 3.558 units per year.

Mann-Kendall statistic = 68
critical = 81

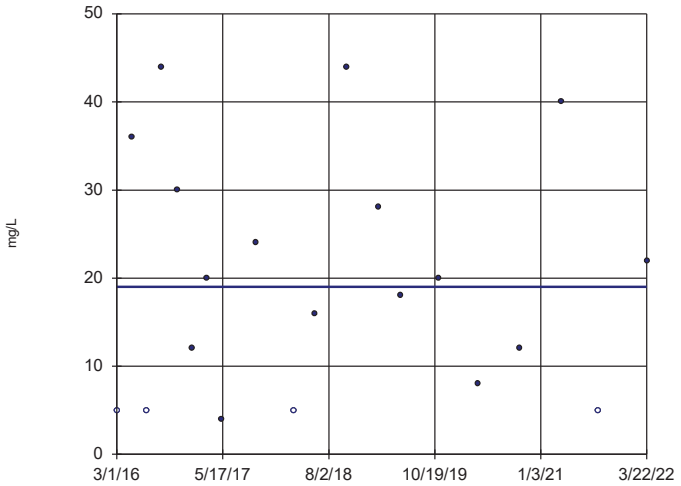
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



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 1/12/2023 10:28 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

200 Series

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:34 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-201**	**-5.181**	**-142**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-16.33**	**-182**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-134.6**	**-140**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-482**	**-198**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-200**	**-279.6**	**-146**	**-87**	**Yes**	**21**	**4.762**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-254.7**	**-105**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-969**	**-176**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-206**	**0.1138**	**110**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-60.75**	**-137**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-78.57**	**-149**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-111.5**	**-169**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-200**	**-899.7**	**-175**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-744.8**	**-117**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2235**	**-155**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 200 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:34 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	0	81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-36	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-41	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-9	-81	No	20	70	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-201**	**-5.181**	**-142**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-16.33**	**-182**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.006981	-32	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02101	-64	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-134.6**	**-140**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-482**	**-198**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.00887	31	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1123	46	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1151	-61	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2076	-60	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-279.6**	**-146**	**-87**	**Yes**	**21**	**4.762**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-254.7**	**-105**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-969**	**-176**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.0144	-21	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.007234	-7	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	-0.006427	-6	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0.007081	6	74	No	19	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-200	0.04883	84	87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-206**	**0.1138**	**110**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-306 (bg)	-0.008985	-14	-81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1243**	**-127**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-31	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	81	No	20	95	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-201	-0.05554	-53	-87	No	21	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	3	81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	8	74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-5	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	9	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-60.75**	**-137**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-78.57**	**-149**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-111.5**	**-169**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	3	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	15	81	No	20	90	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	5.564	73	81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9099	20	81	No	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9834	41	81	No	20	35	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8773	48	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-899.7**	**-175**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-744.8**	**-117**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2235**	**-155**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.558	68	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-81	No	20	20	n/a	n/a	0.01	NP

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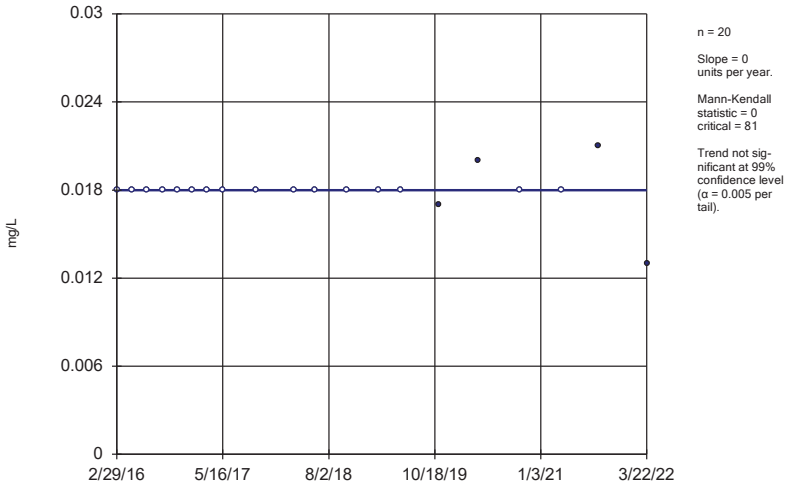
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

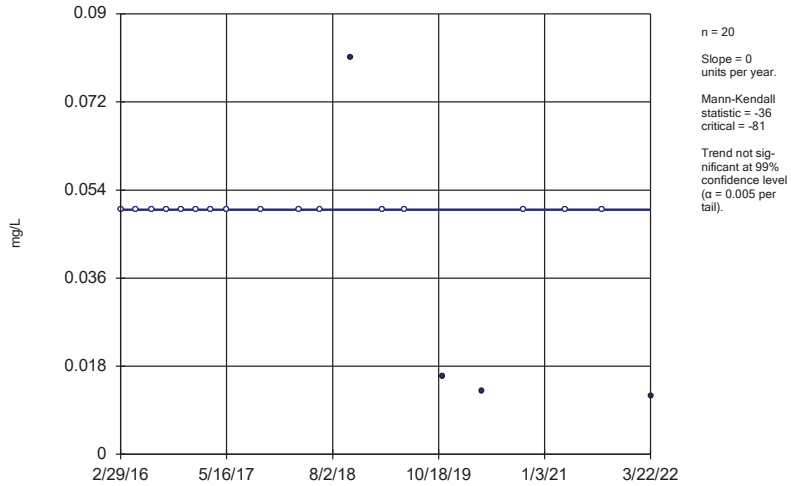
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -36 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

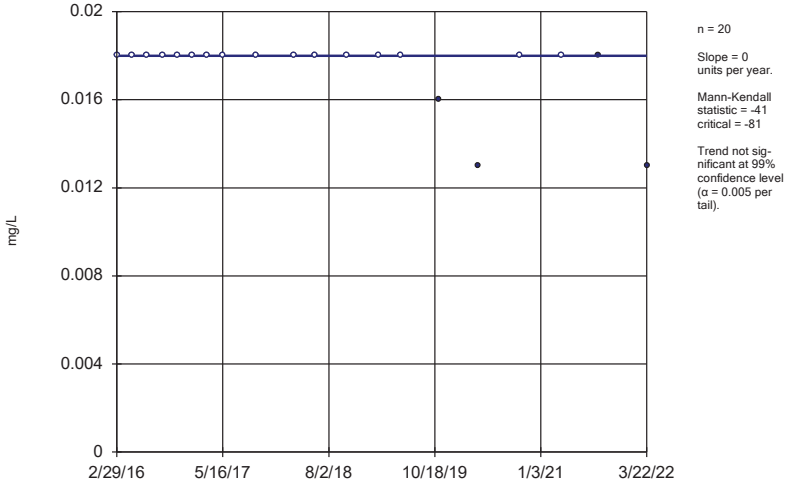
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -41 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

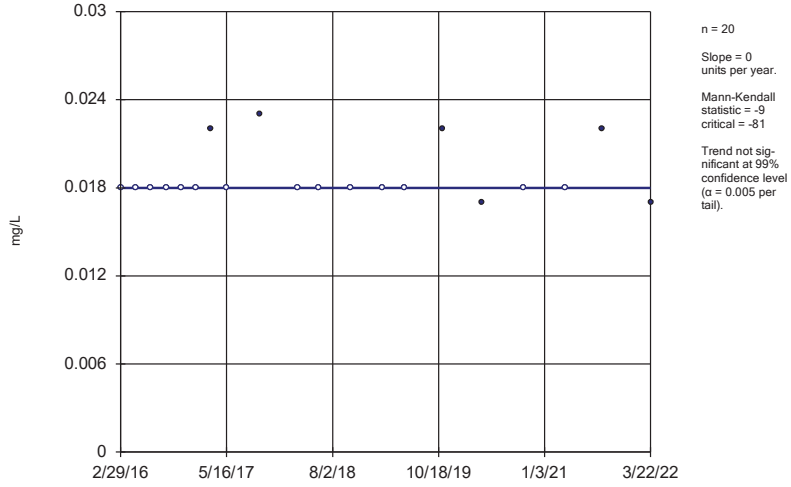
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -9 critical = -81

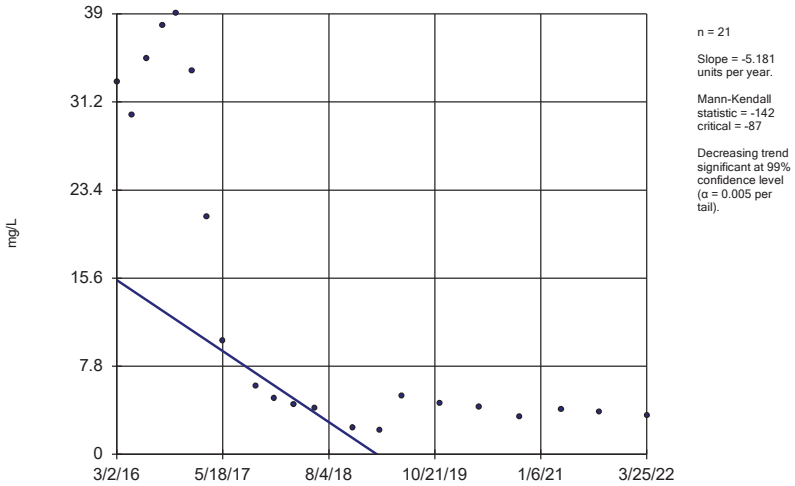
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-201



n = 21

Slope = -5.181 units per year.

Mann-Kendall statistic = -142 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

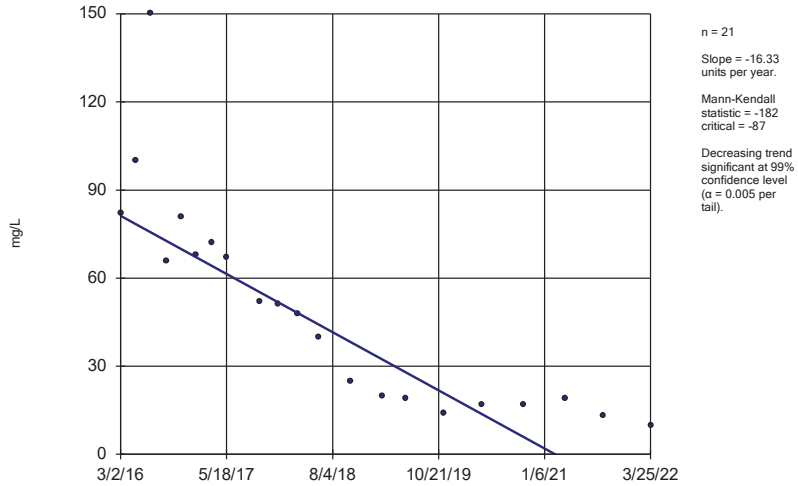
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 21

Slope = -16.33 units per year.

Mann-Kendall statistic = -182 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

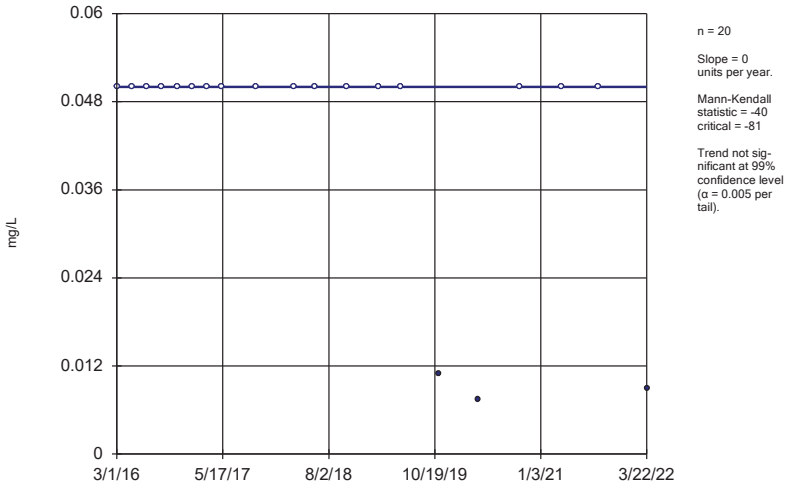
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -40 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

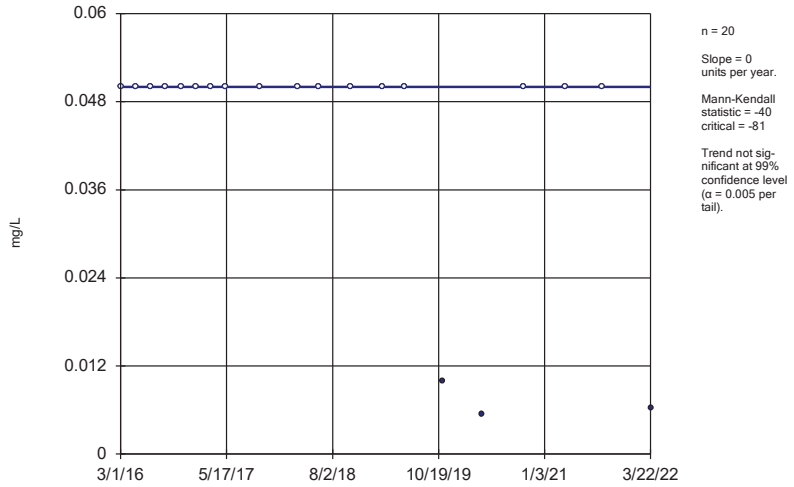
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -40 critical = -81

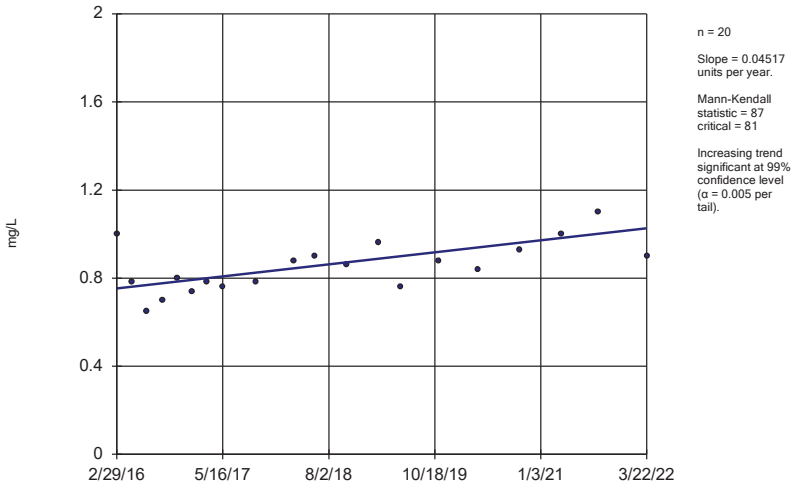
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0.04517 units per year.

Mann-Kendall statistic = 87
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

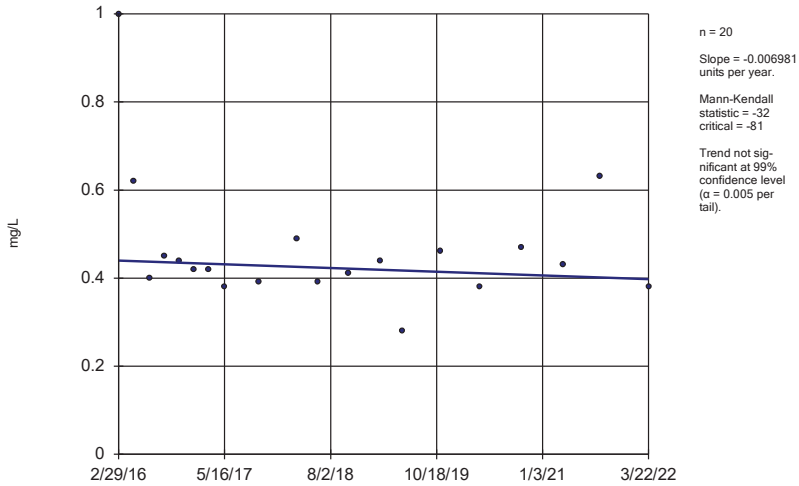
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = -0.006981 units per year.

Mann-Kendall statistic = -32
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

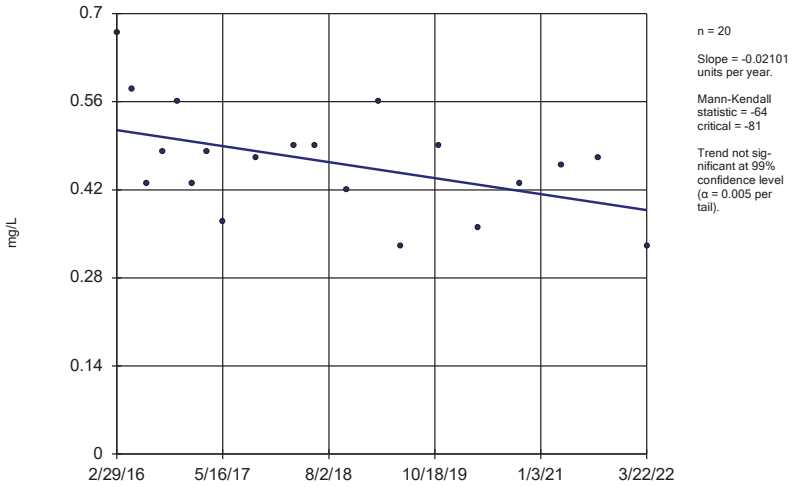
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.02101 units per year.

Mann-Kendall statistic = -64
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

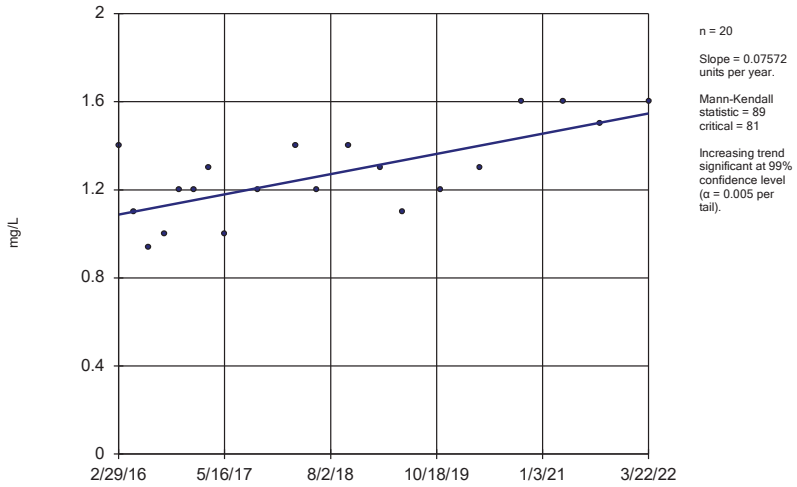
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.07572 units per year.

Mann-Kendall statistic = 89
critical = 81

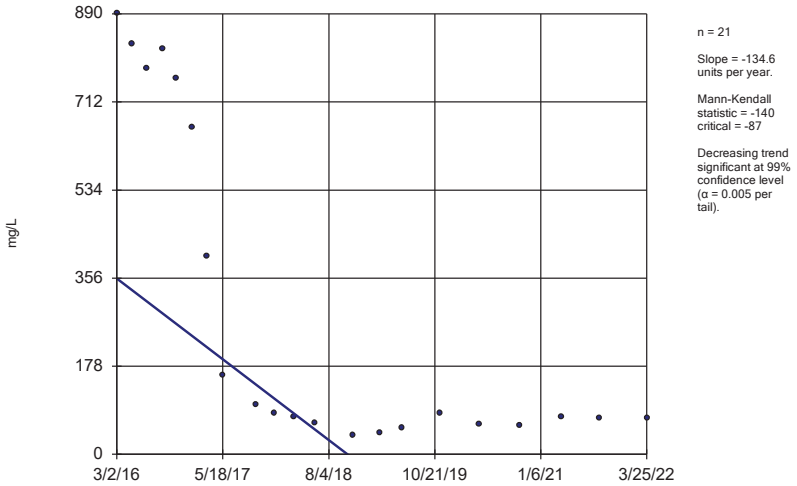
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-201



n = 21

Slope = -134.6 units per year.

Mann-Kendall statistic = -140 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

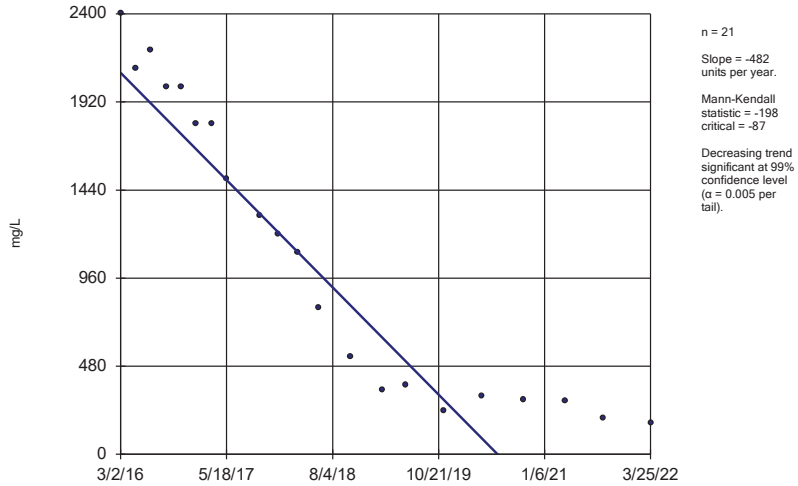
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 21

Slope = -482 units per year.

Mann-Kendall statistic = -198 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

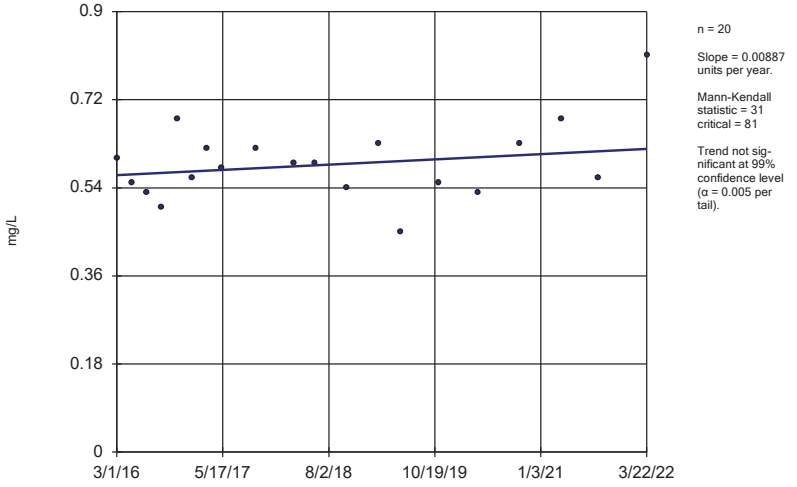
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0.00887 units per year.

Mann-Kendall statistic = 31 critical = 81

Trend not sig-nificant at 99% confidence level (α = 0.005 per tail).

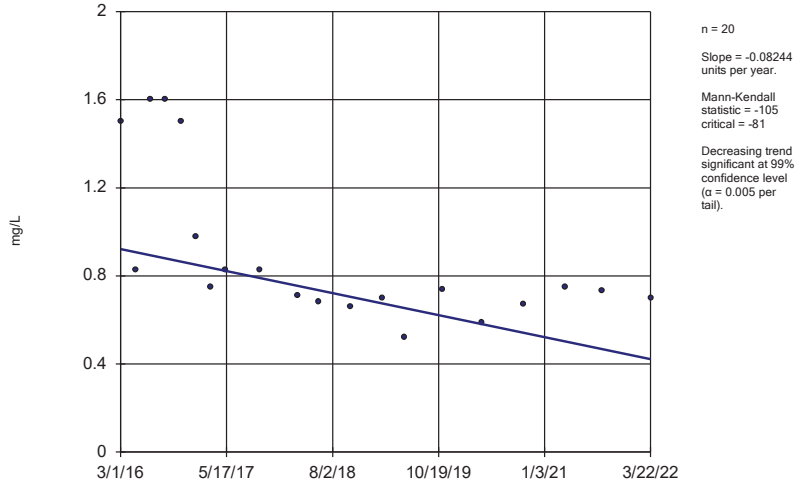
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = -0.08244 units per year.

Mann-Kendall statistic = -105 critical = -81

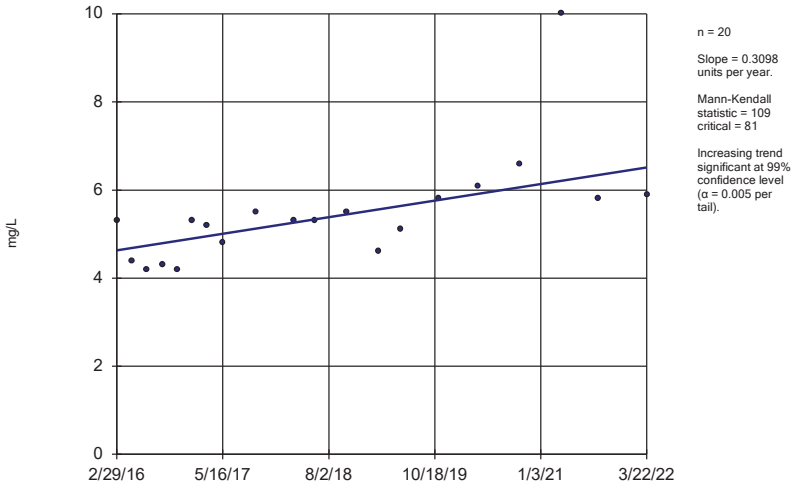
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0.3098 units per year.

Mann-Kendall statistic = 109
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

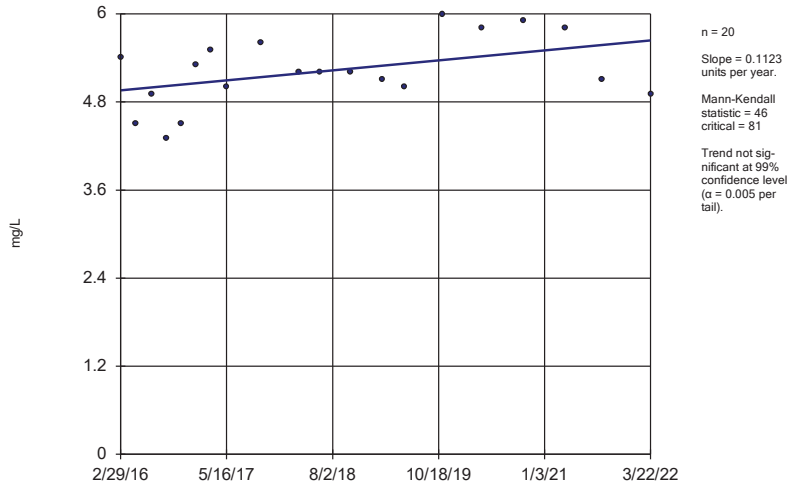
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0.1123 units per year.

Mann-Kendall statistic = 46
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

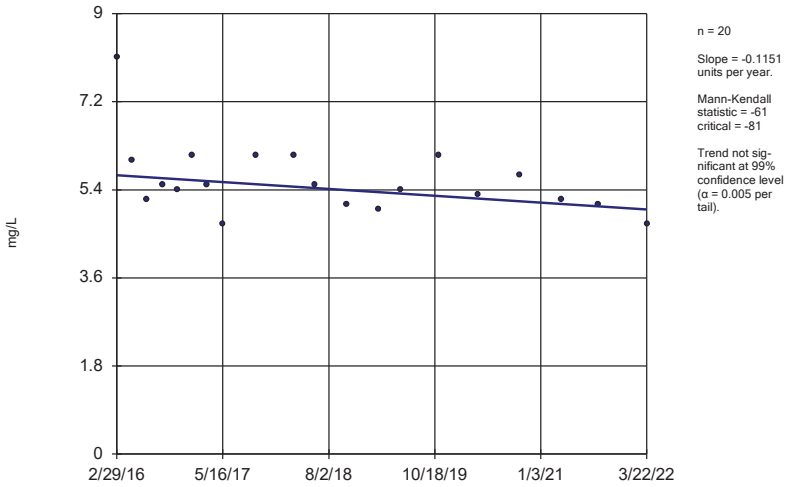
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.1151 units per year.

Mann-Kendall statistic = -61
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

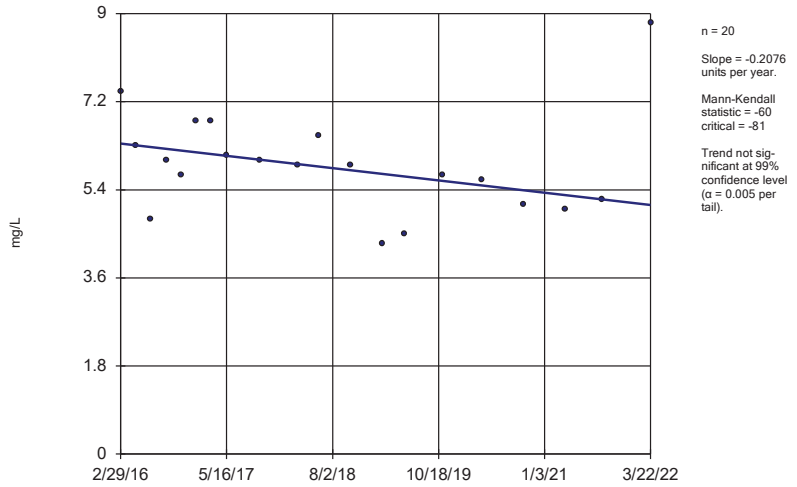
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = -0.2076 units per year.

Mann-Kendall statistic = -60
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

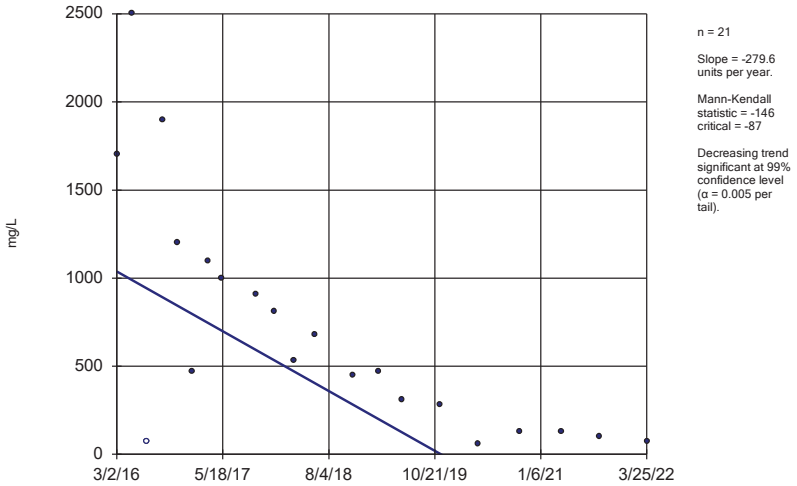
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-200



n = 21

Slope = -279.6 units per year.

Mann-Kendall statistic = -146
critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

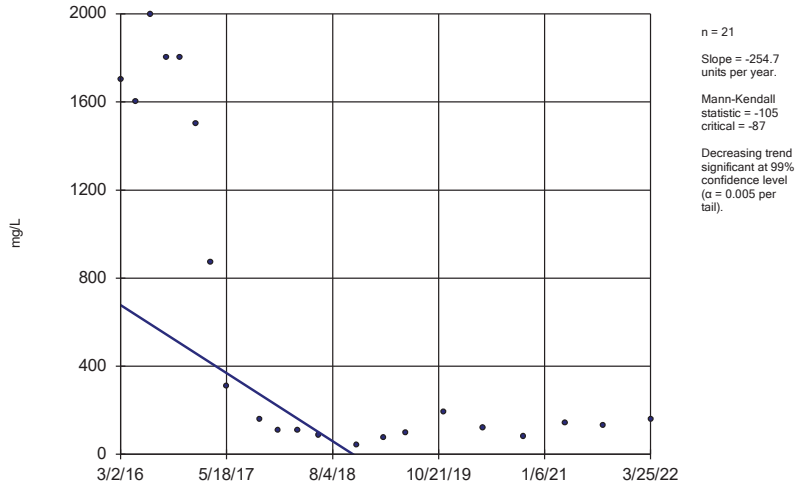
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 21

Slope = -254.7 units per year.

Mann-Kendall statistic = -105
critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

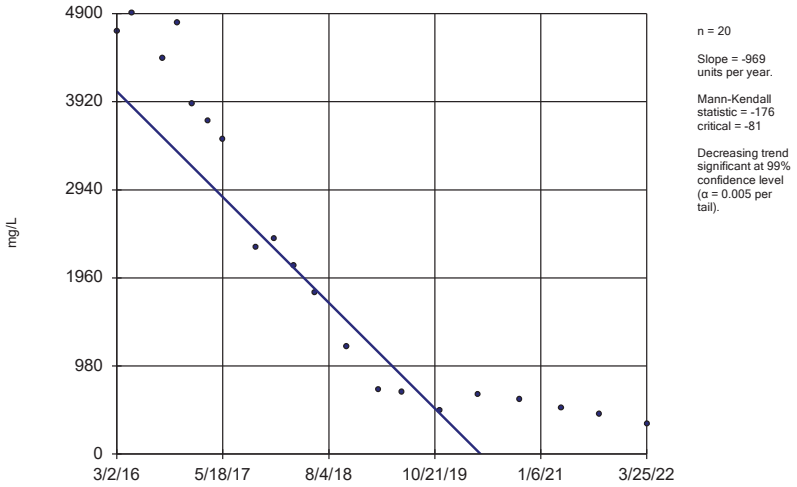
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 20

Slope = -969 units per year.

Mann-Kendall statistic = -176
critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

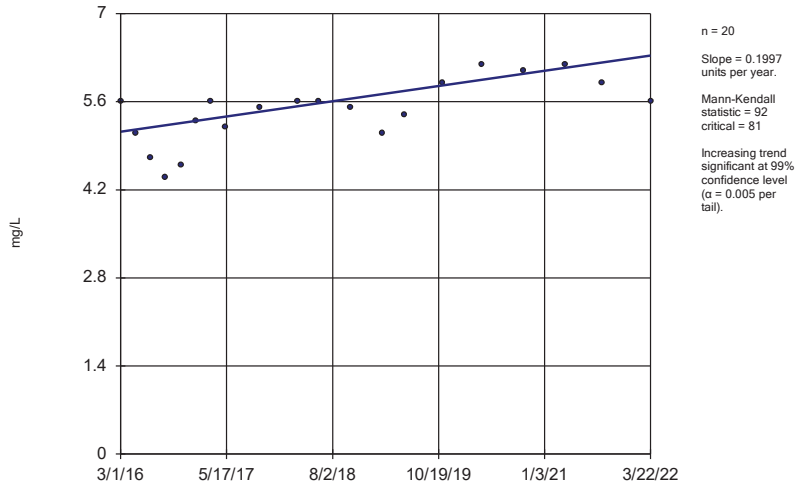
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0.1997 units per year.

Mann-Kendall statistic = 92
critical = 81

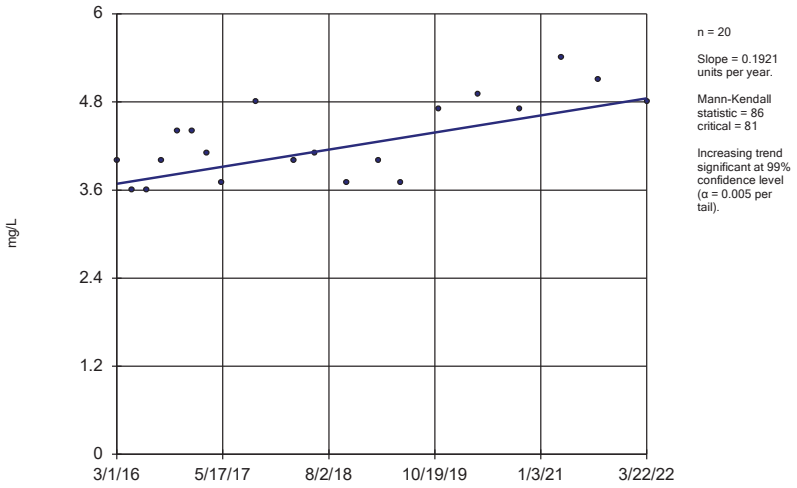
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0.1921 units per year.

Mann-Kendall statistic = 86
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

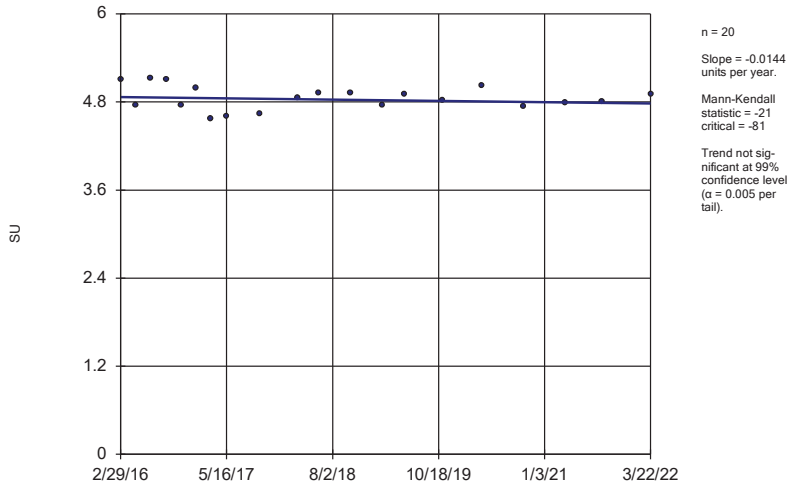
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = -0.0144 units per year.

Mann-Kendall statistic = -21
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

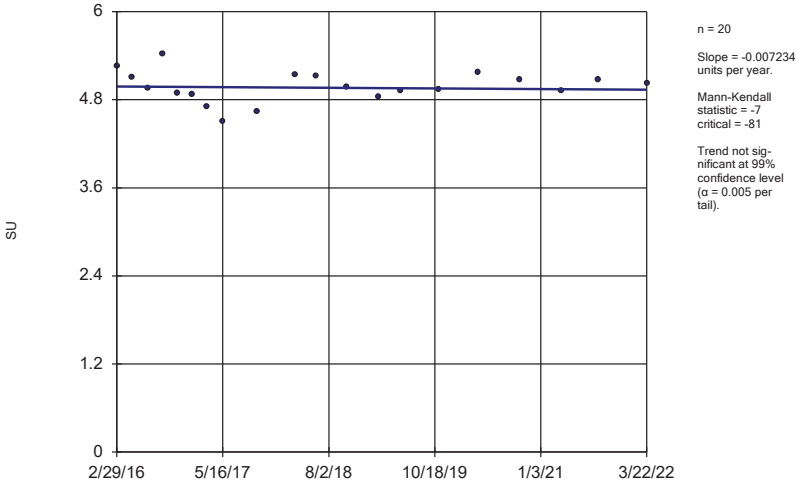
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = -0.007234 units per year.

Mann-Kendall statistic = -7
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

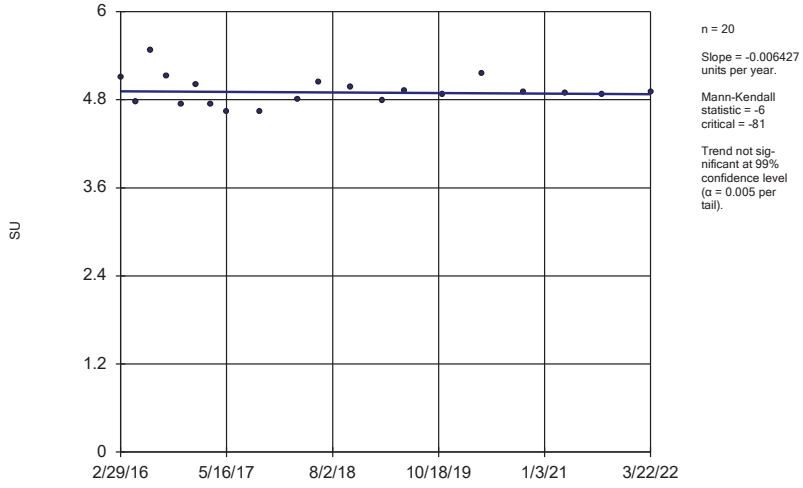
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.006427 units per year.

Mann-Kendall statistic = -6
critical = -81

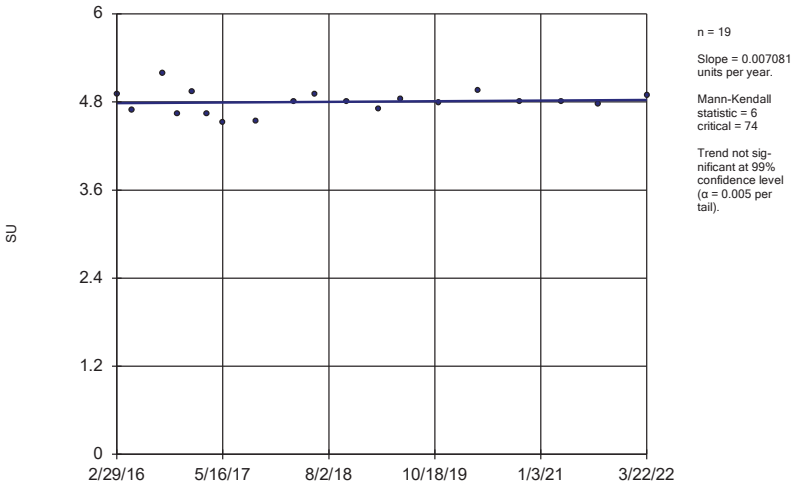
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-108 (bg)



n = 19

Slope = 0.007081 units per year.

Mann-Kendall statistic = 6
critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

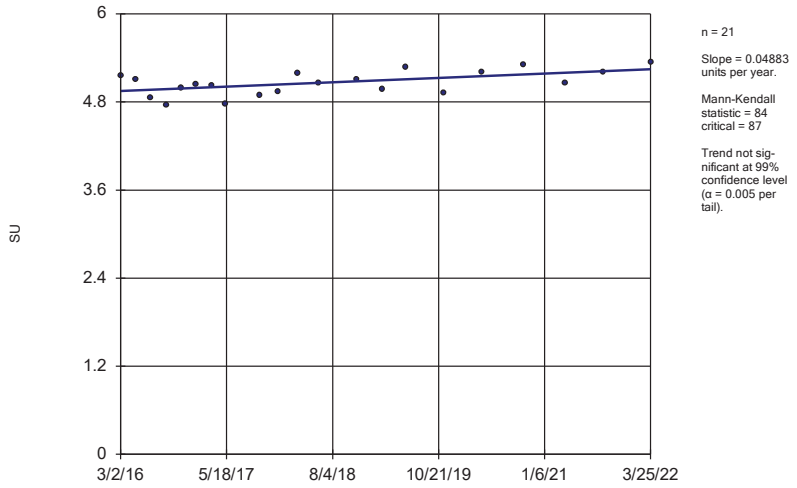
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 21

Slope = 0.04883 units per year.

Mann-Kendall statistic = 84
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

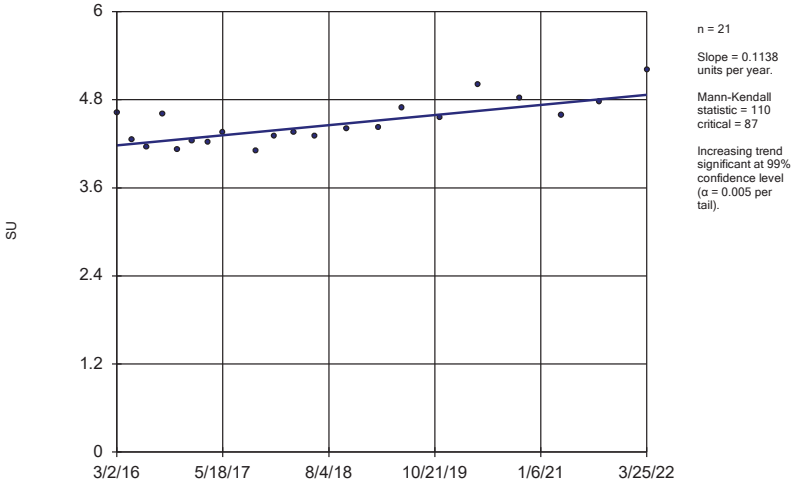
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 21

Slope = 0.1138 units per year.

Mann-Kendall statistic = 110
critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

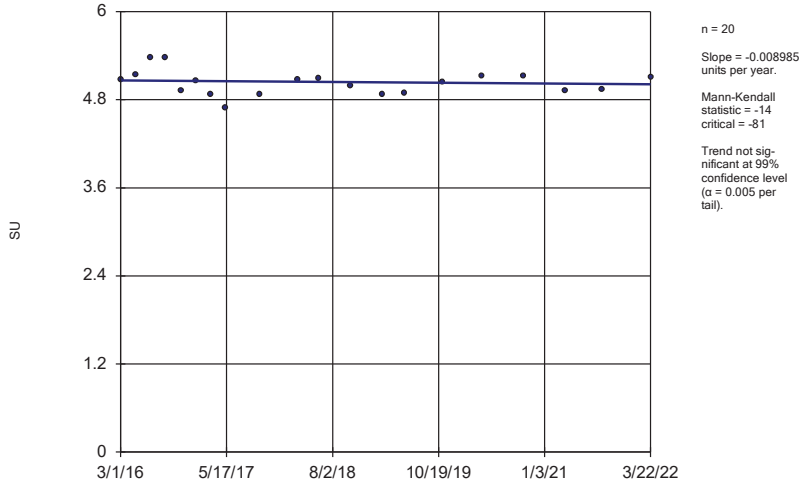
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = -0.008985 units per year.

Mann-Kendall statistic = -14
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

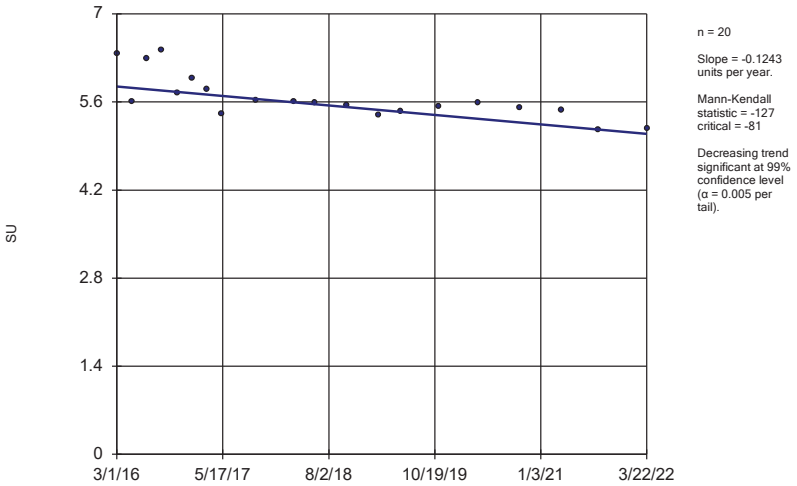
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

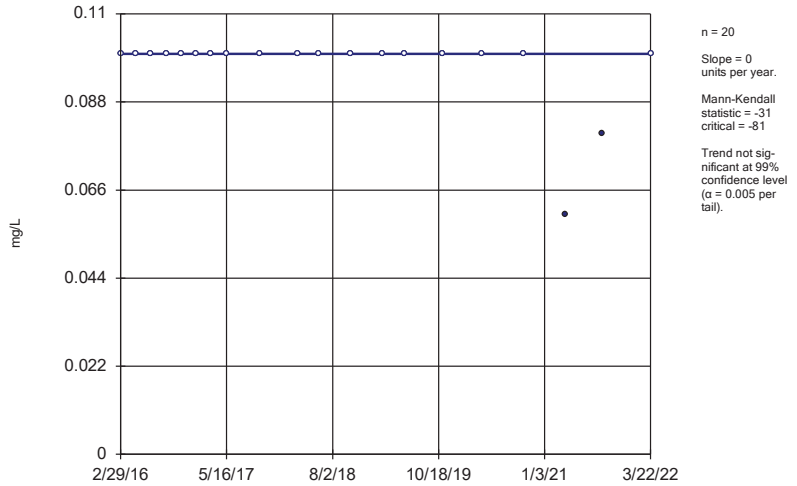
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



Constituent: Fluoride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

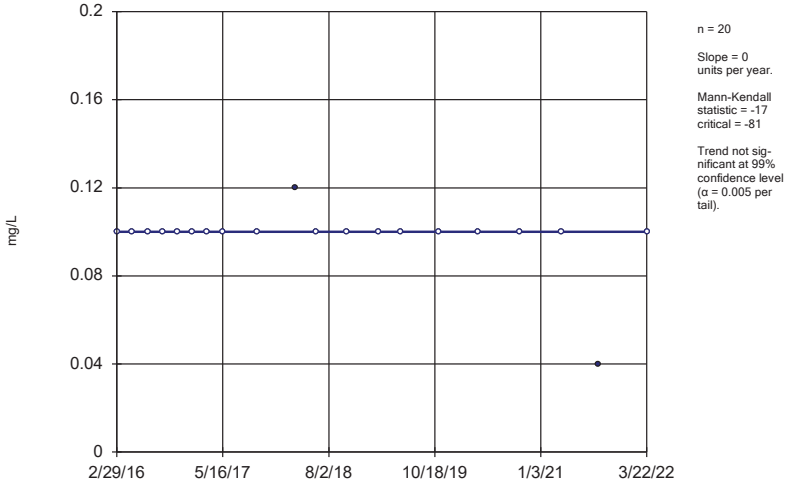
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



Constituent: Fluoride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

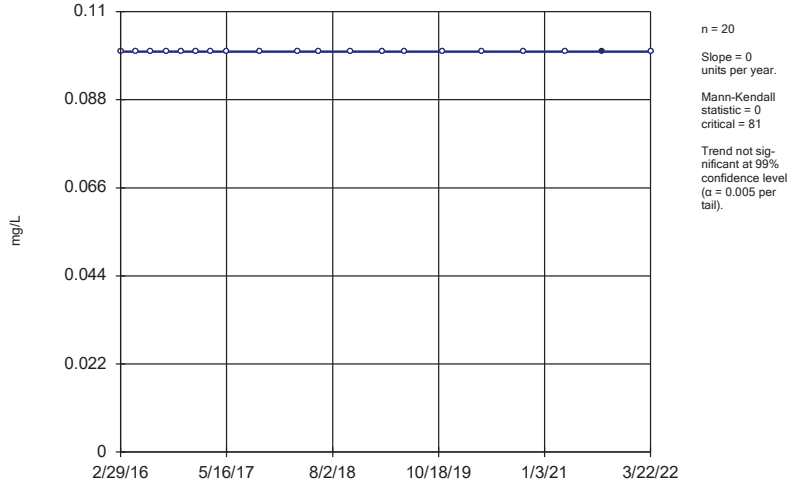
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



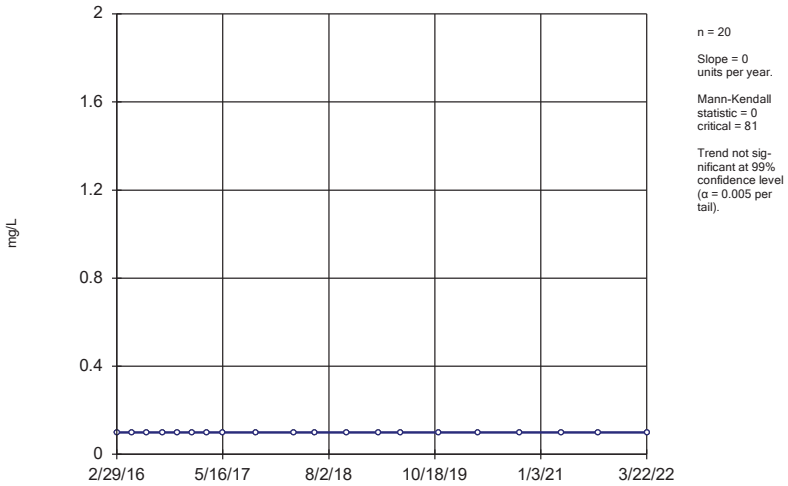
Constituent: Fluoride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

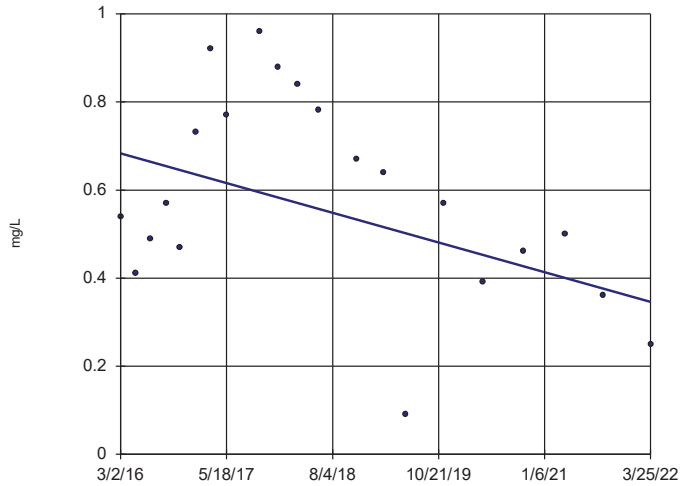
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 21

Slope = -0.05554 units per year.

Mann-Kendall statistic = -53 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

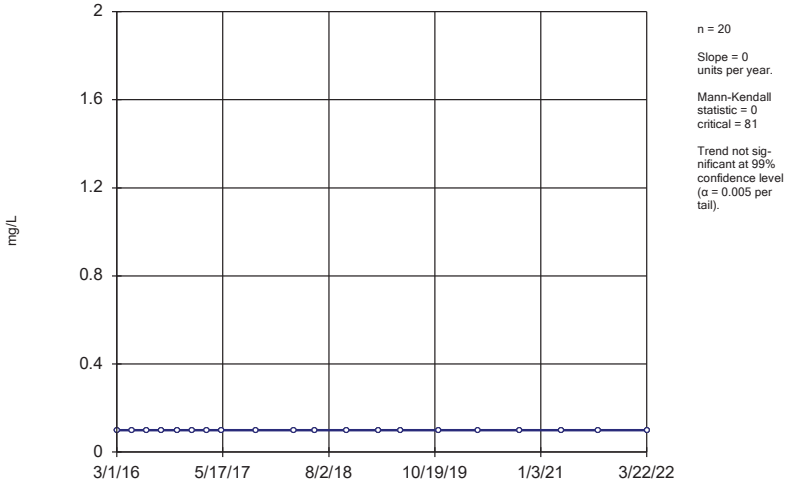
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

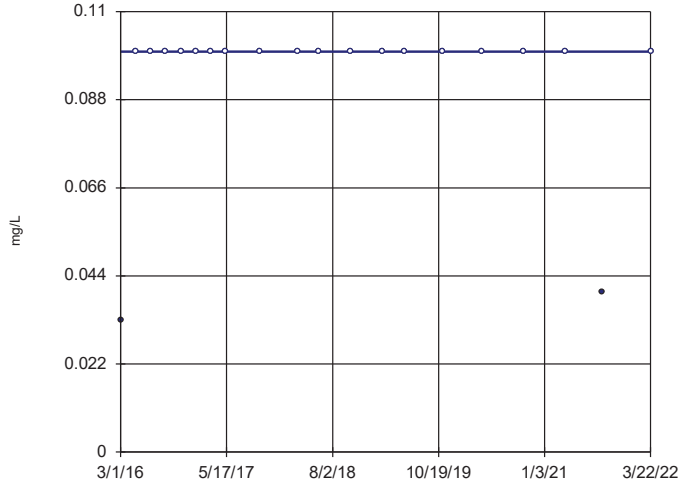
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 3 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

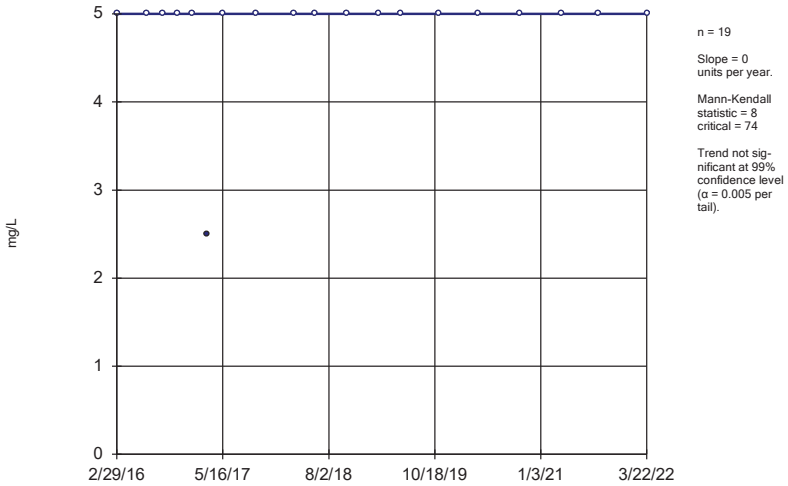
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0
units per year.

Mann-Kendall
statistic = 8
critical = 74

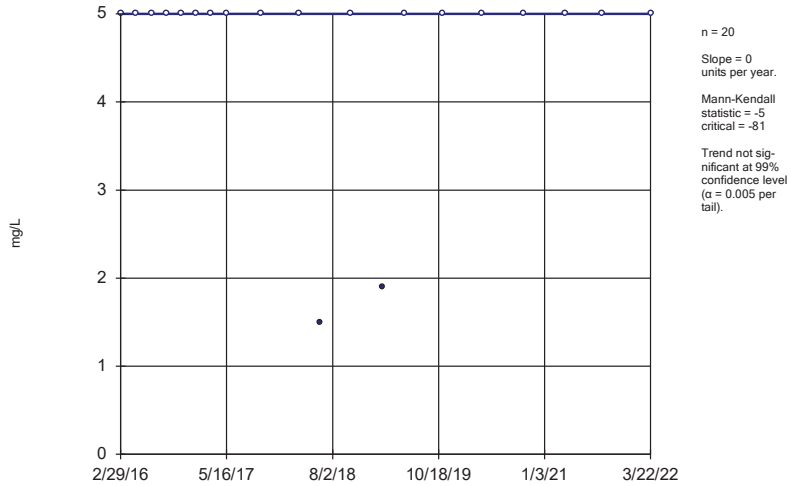
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0
units per year.

Mann-Kendall
statistic = -5
critical = -81

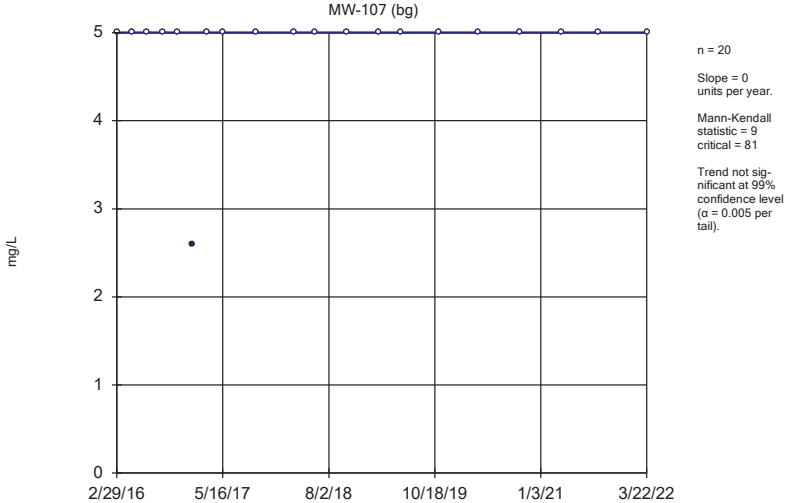
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0
units per year.

Mann-Kendall
statistic = 9
critical = 81

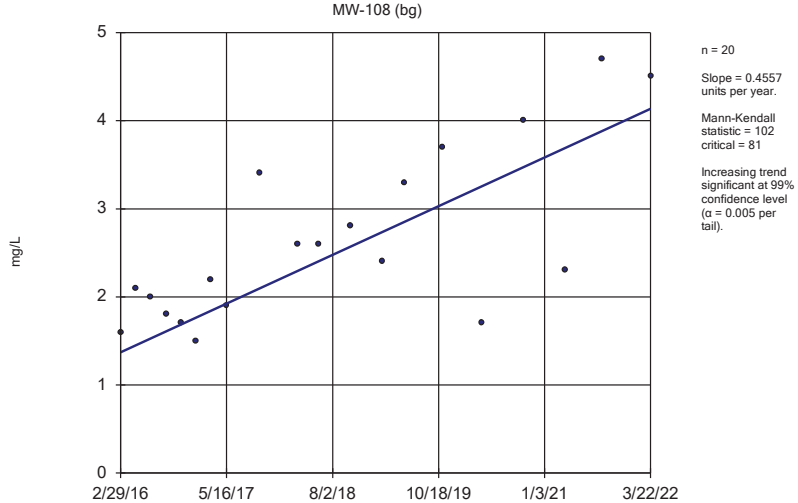
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.4557
units per year.

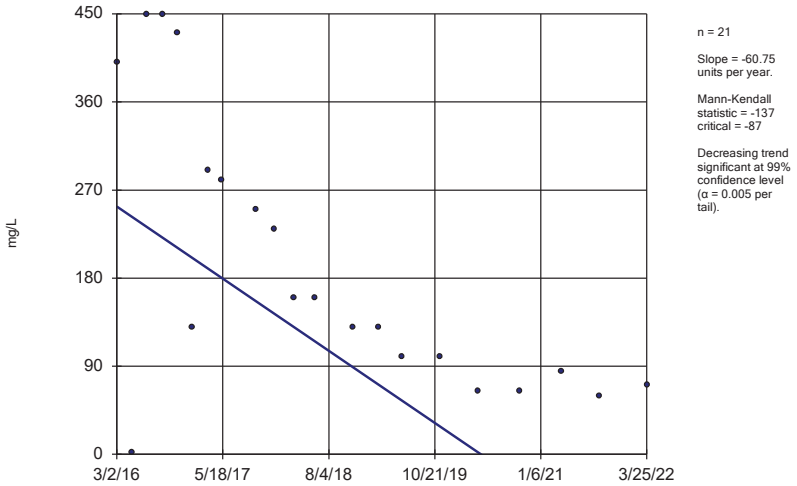
Mann-Kendall
statistic = 102
critical = 81

Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-200



n = 21

Slope = -60.75 units per year.

Mann-Kendall statistic = -137 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

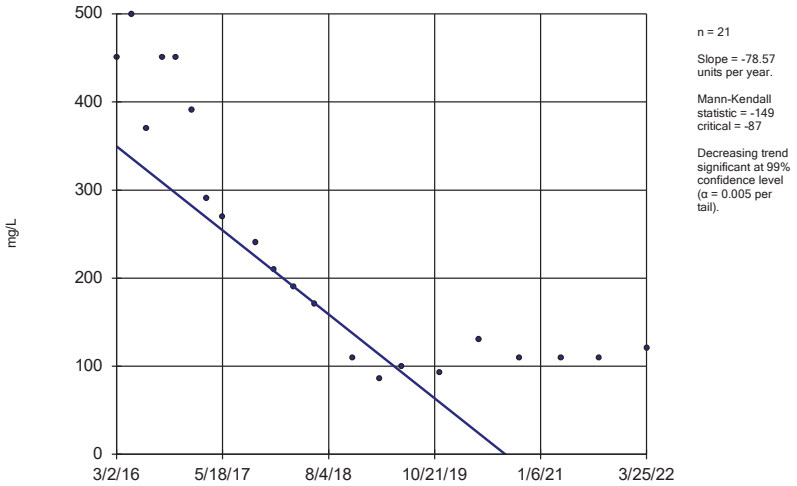
Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 21

Slope = -78.57 units per year.

Mann-Kendall statistic = -149 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

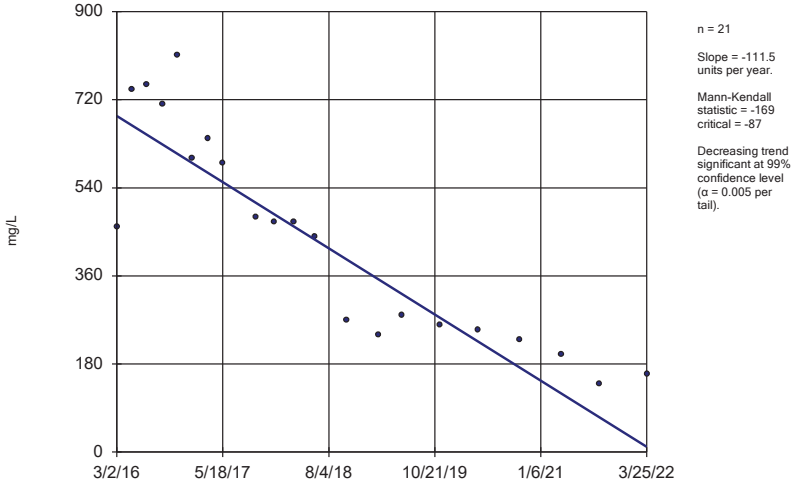
Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 21

Slope = -111.5 units per year.

Mann-Kendall statistic = -169 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

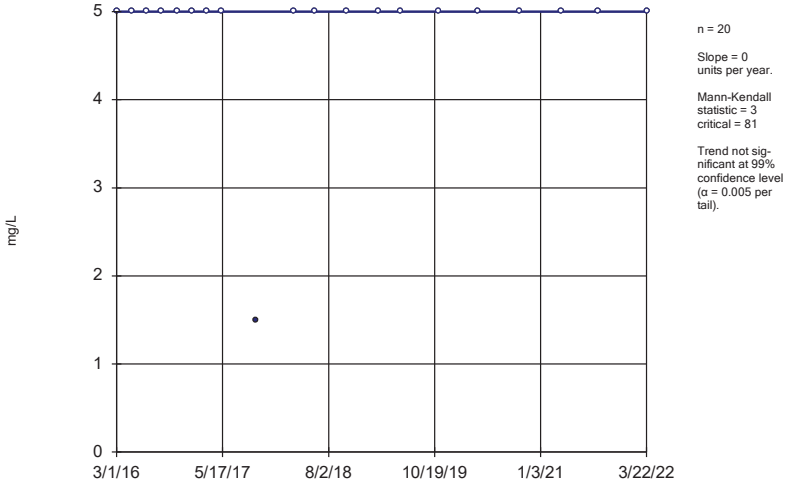
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 3 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

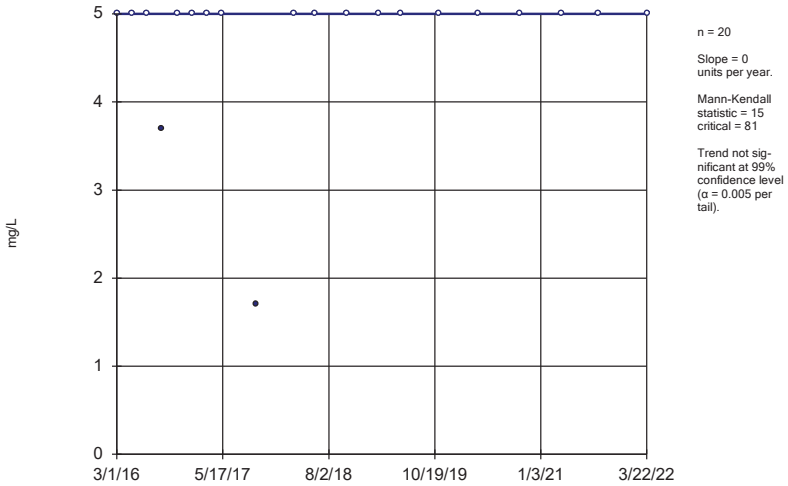
Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 15
critical = 81

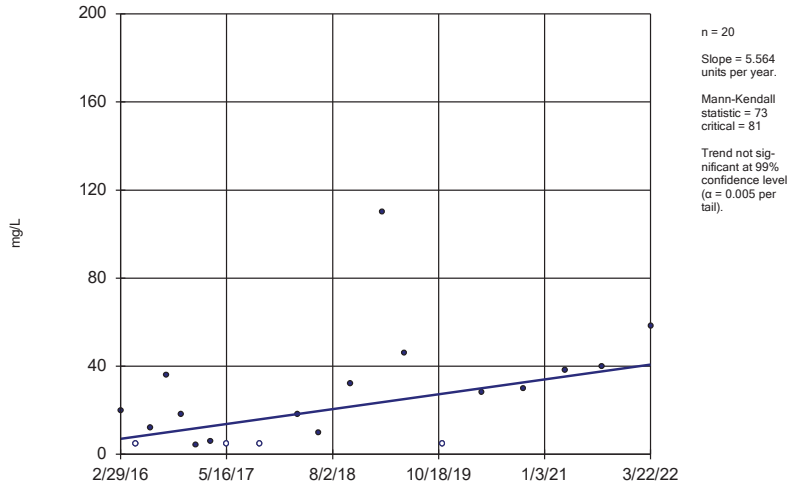
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 5.564 units per year.

Mann-Kendall statistic = 73
critical = 81

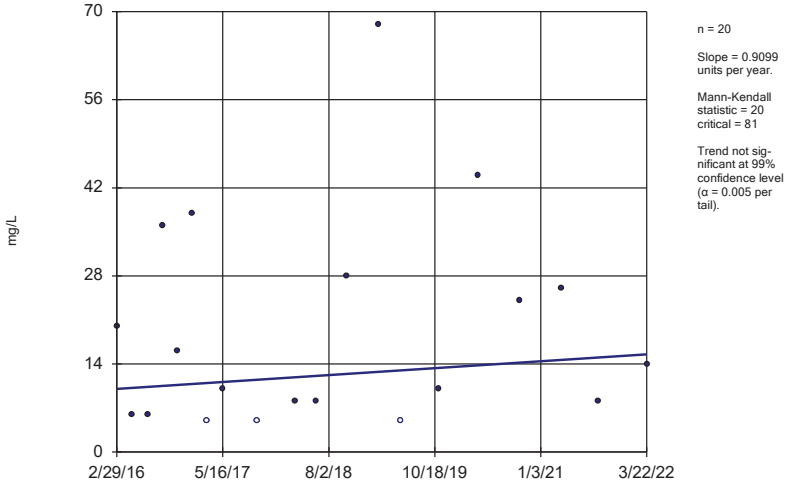
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0.9099 units per year.

Mann-Kendall statistic = 20
critical = 81

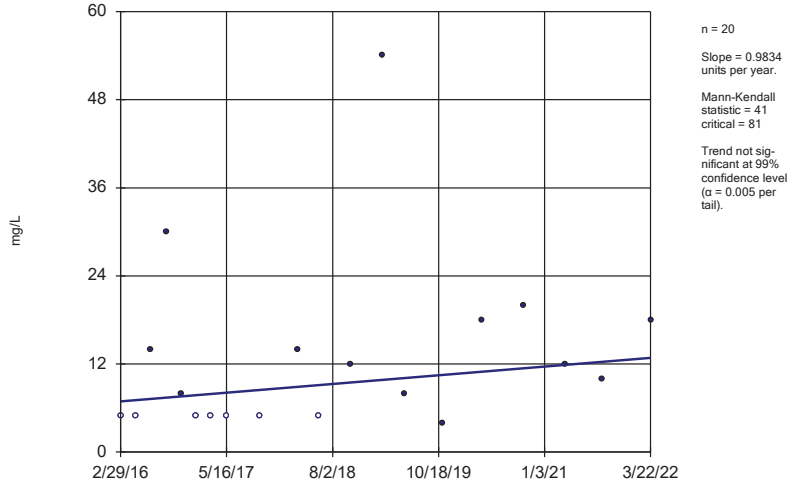
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0.9834 units per year.

Mann-Kendall statistic = 41
critical = 81

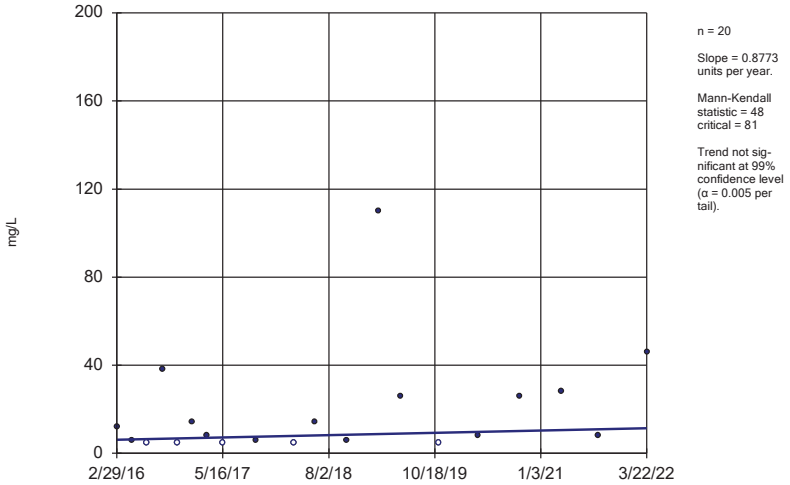
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.8773 units per year.

Mann-Kendall statistic = 48
critical = 81

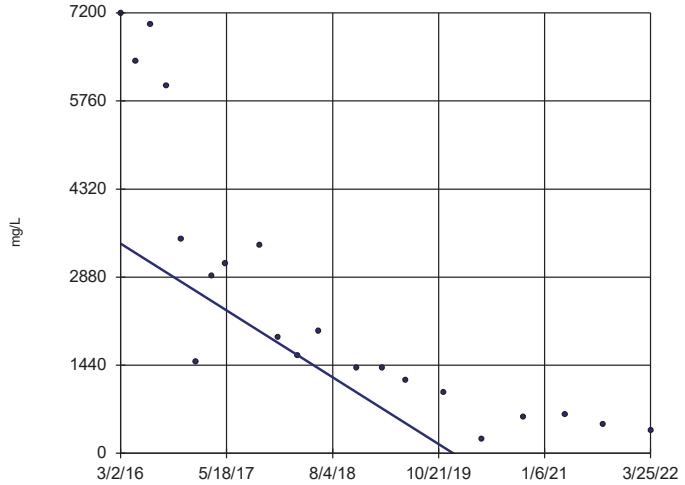
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-200



n = 21

Slope = -899.7 units per year.

Mann-Kendall statistic = -175
critical = -87

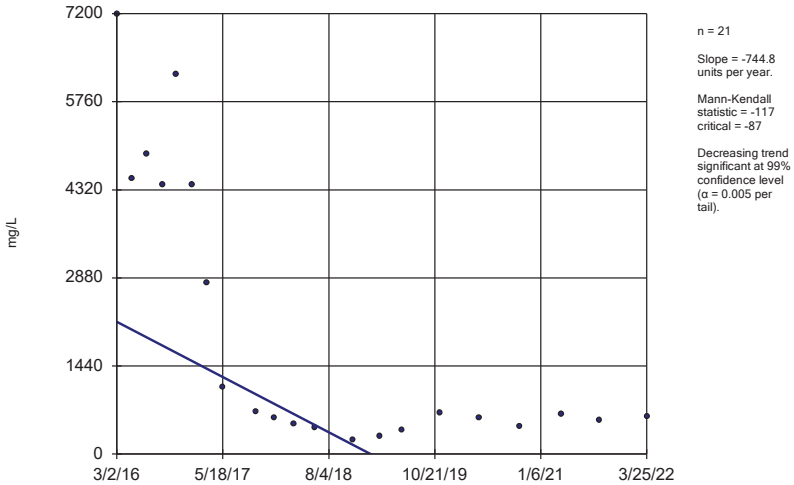
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



n = 21

Slope = -744.8 units per year.

Mann-Kendall statistic = -117
critical = -87

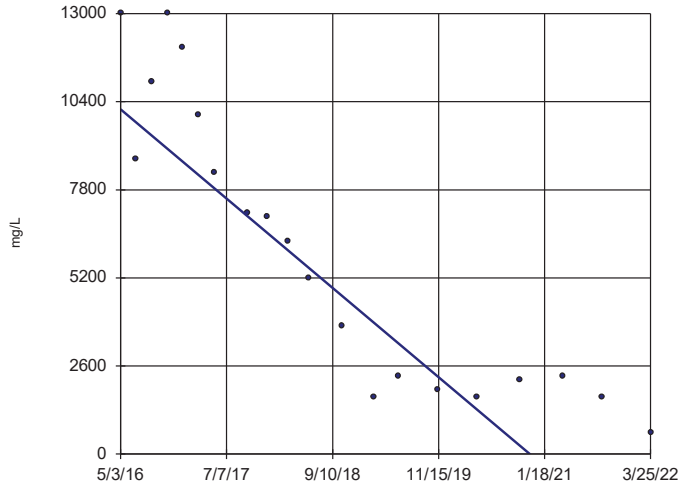
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-206



n = 20

Slope = -2235 units per year.

Mann-Kendall statistic = -155
critical = -81

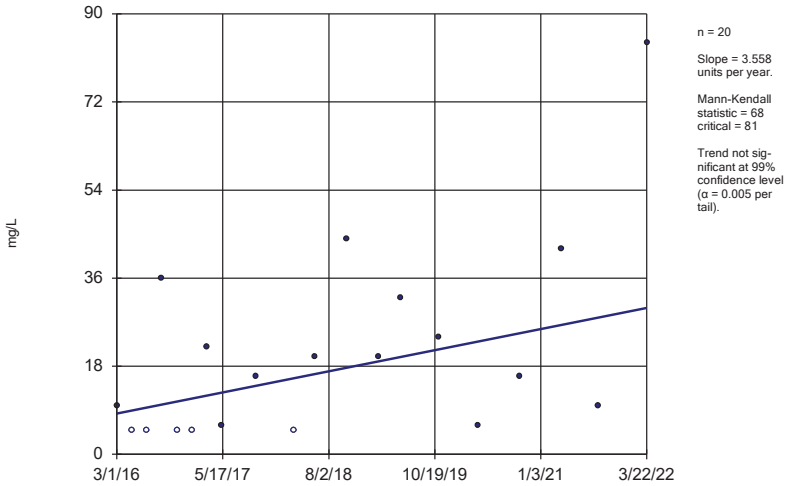
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 3.558 units per year.

Mann-Kendall statistic = 68
critical = 81

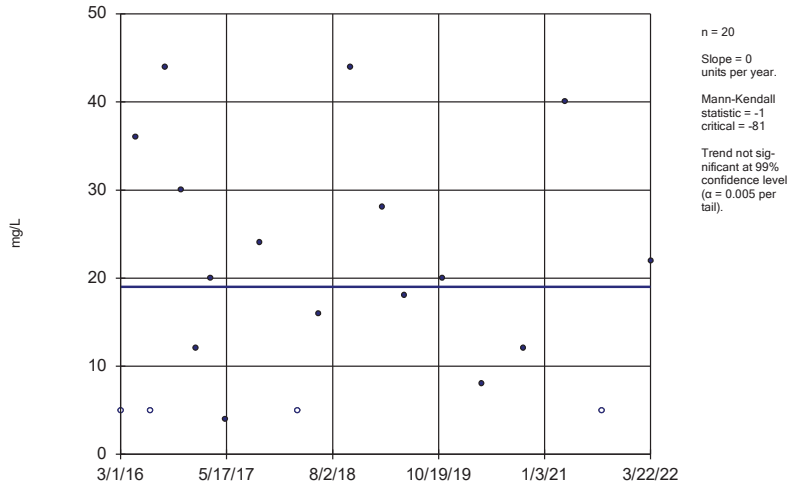
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



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 1/12/2023 12:32 PM View: 200 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

300 Series

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**MW-308**	**0.02**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-21.42**	**-96**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

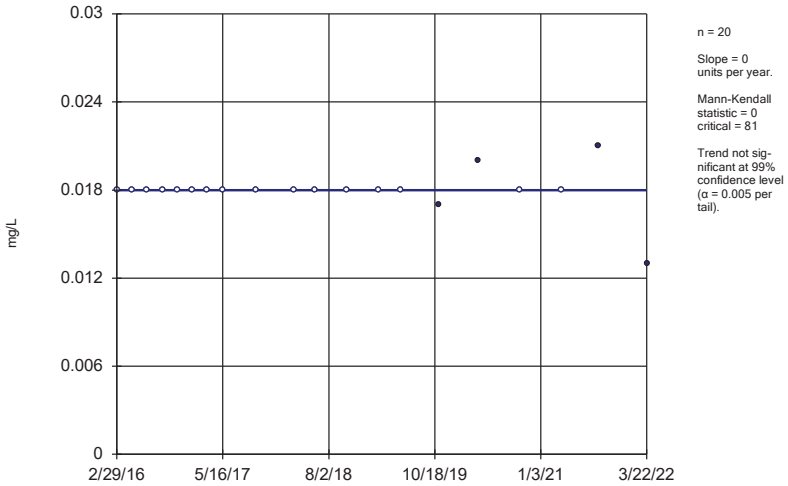
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:58 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	0	81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-36	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-41	-81	No	20	80	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	-9	-81	No	20	70	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0	4	87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2803	65	87	No	21	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-40	-81	No	20	85	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.4381	-60	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04517**	**87**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.006981	-32	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.02101	-64	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.07572**	**89**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-303	3.615	56	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	2.693	25	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-305	-0.01299	-8	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.00887	31	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.08244**	**-105**	**-81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-2.581	-46	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.3098**	**109**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.1123	46	81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.1151	-61	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2076	-60	-81	No	20	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0.03615	28	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	0.4639	7	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-3.927	-20	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.08985	33	87	No	21	4.762	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-306 (bg)**	**0.1997**	**92**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.1921**	**86**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-308	4.726	31	87	No	21	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-100 (bg)	0	-31	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	81	No	20	95	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-303	0.02967	85	87	No	21	4.762	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	3	81	No	20	90	n/a	n/a	0.01	NP
Fluoride (mg/L)	**MW-308**	**0.02**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	8	74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-5	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	9	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4557**	**102**	**81**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-303	0	7	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	12.65	13	87	No	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-305	0	13	81	No	20	70	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	3	81	No	20	95	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	15	81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-21.42**	**-96**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	5.564	73	81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9099	20	81	No	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	0.9834	41	81	No	20	35	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	0.8773	48	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	15.13	19	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	7.783	10	87	No	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	3.558	68	81	No	20	25	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0	-1	-81	No	20	20	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-20.26	-48	-87	No	21	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)

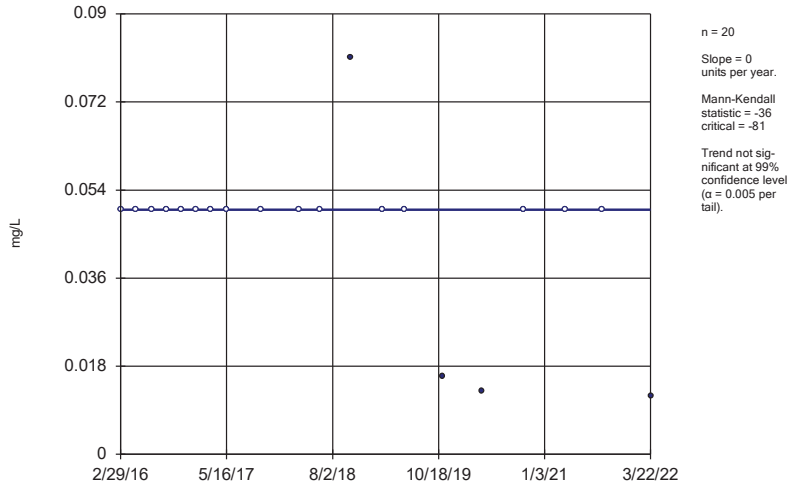


Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)

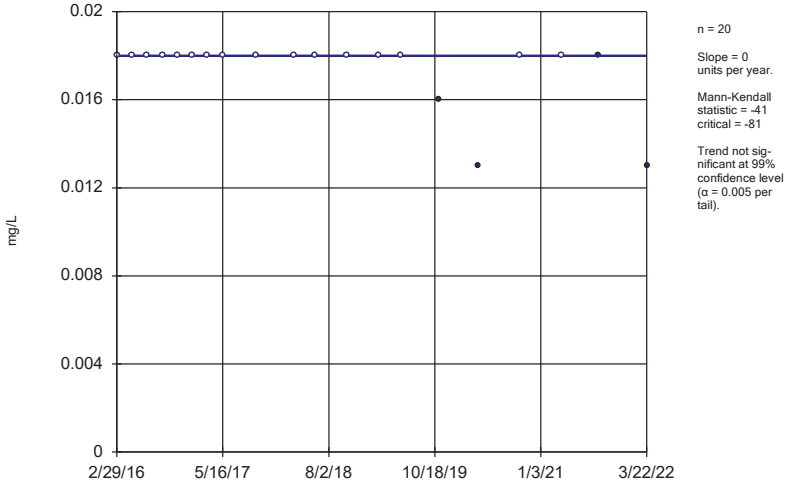


Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)

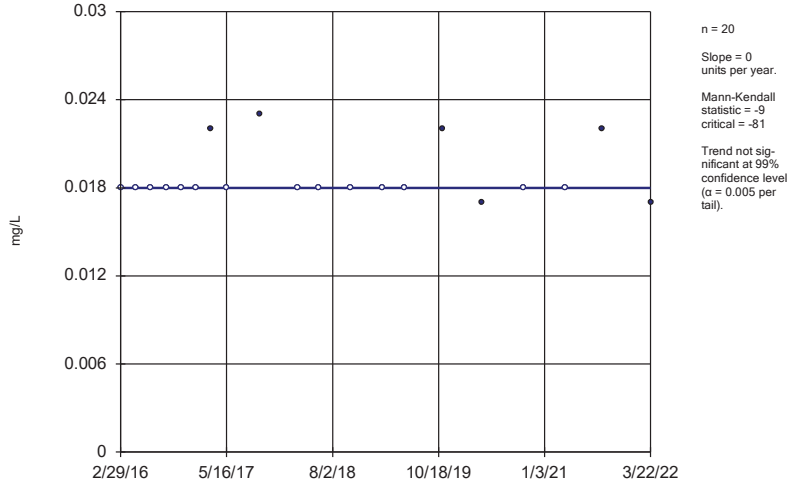


Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)

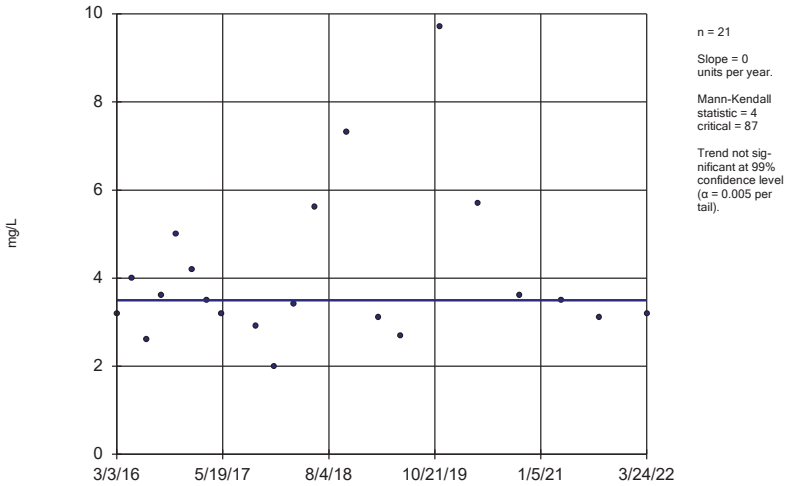


Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 4 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

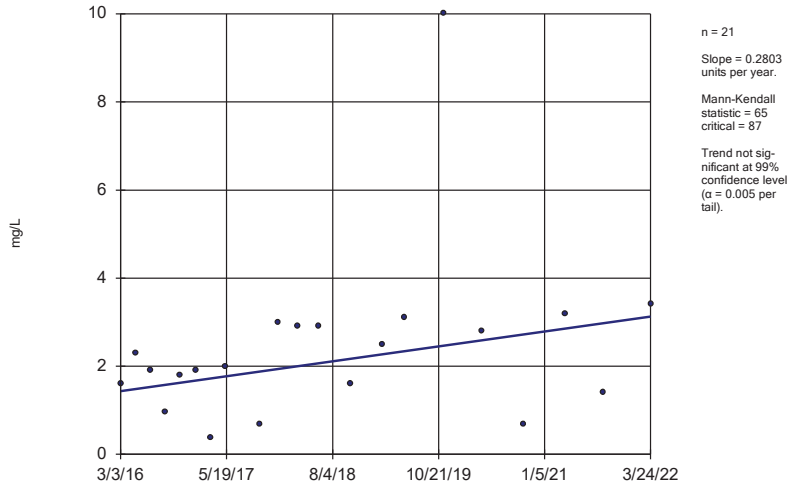
Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 21

Slope = 0.2803 units per year.

Mann-Kendall statistic = 65 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

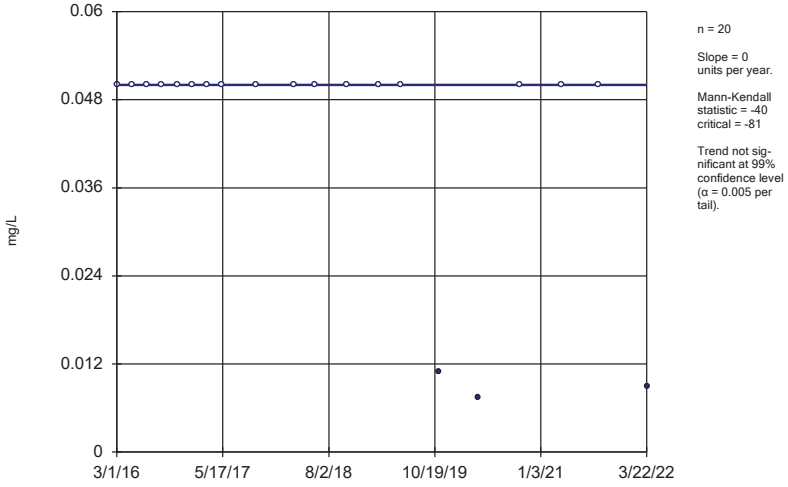
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -40 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

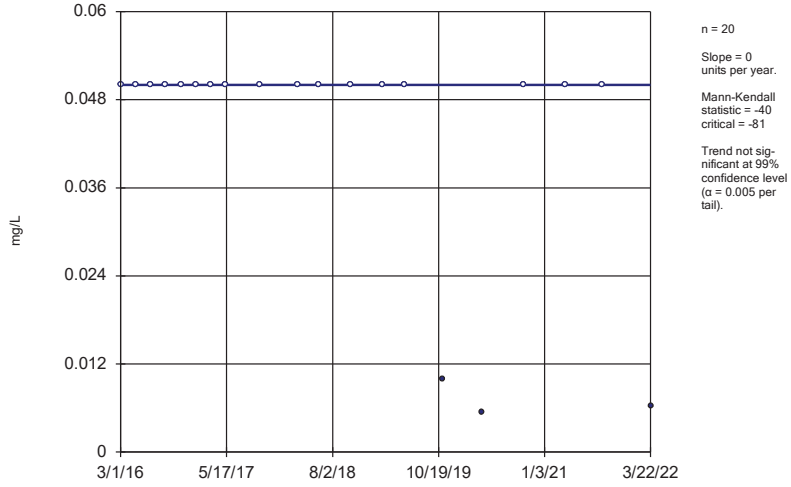
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -40 critical = -81

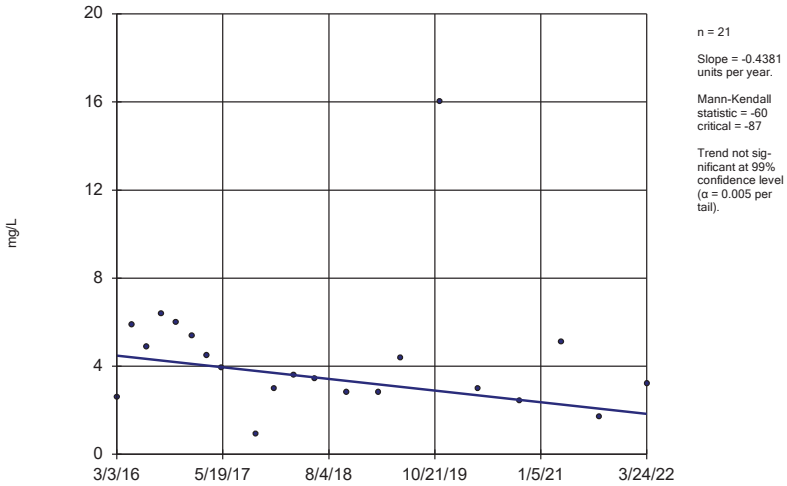
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-308



n = 21

Slope = -0.4381 units per year.

Mann-Kendall statistic = -60
critical = -87

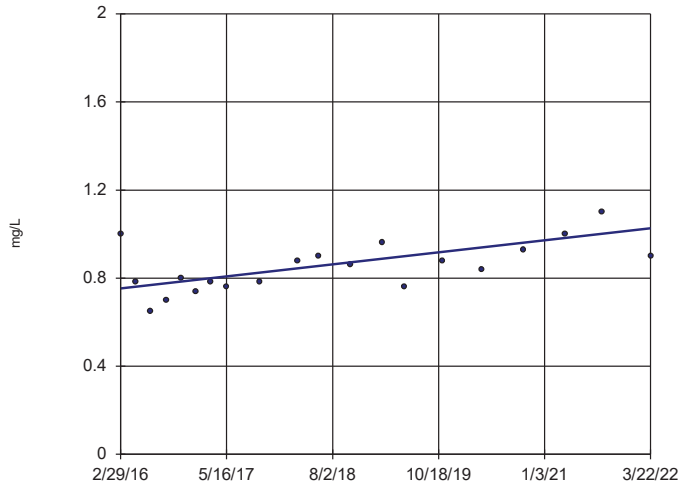
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0.04517 units per year.

Mann-Kendall statistic = 87
critical = 81

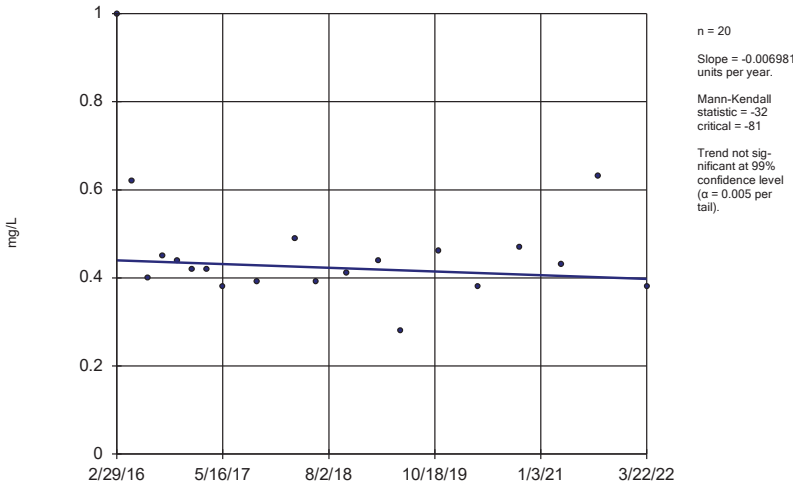
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = -0.006981 units per year.

Mann-Kendall statistic = -32
critical = -81

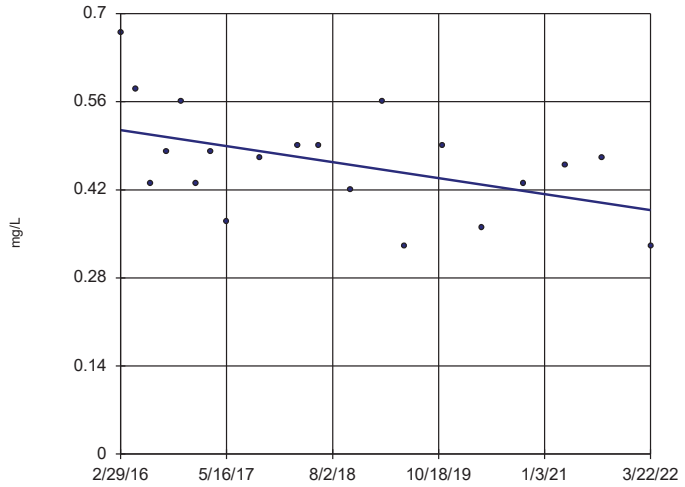
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.02101 units per year.

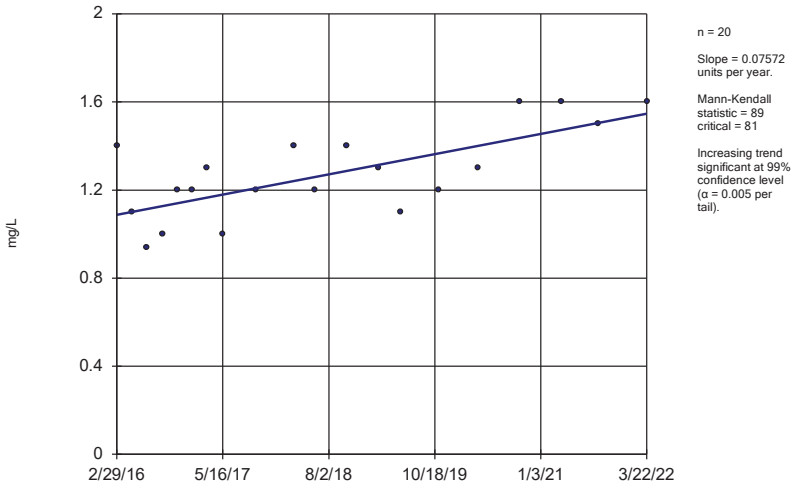
Mann-Kendall statistic = -64
critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.07572 units per year.

Mann-Kendall statistic = 89
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

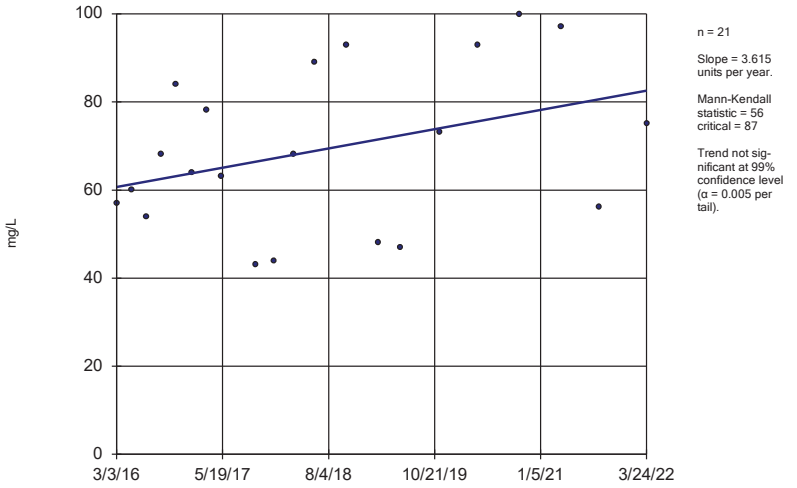
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 21

Slope = 3.615 units per year.

Mann-Kendall statistic = 56
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

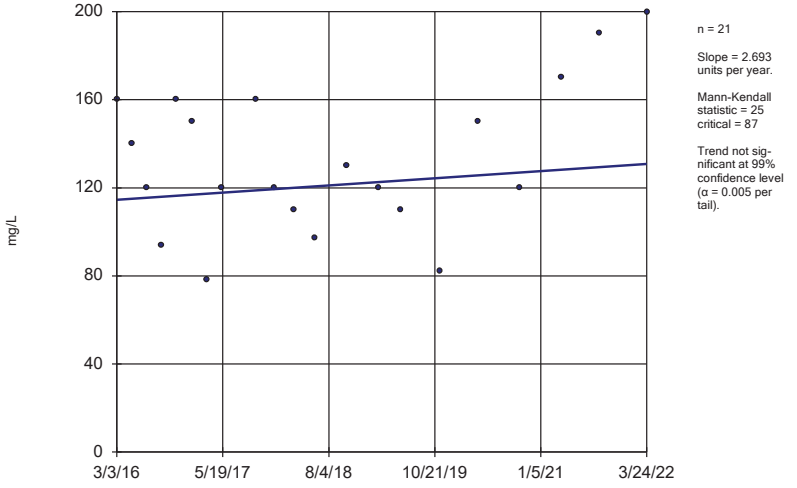
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 21

Slope = 2.693 units per year.

Mann-Kendall statistic = 25
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

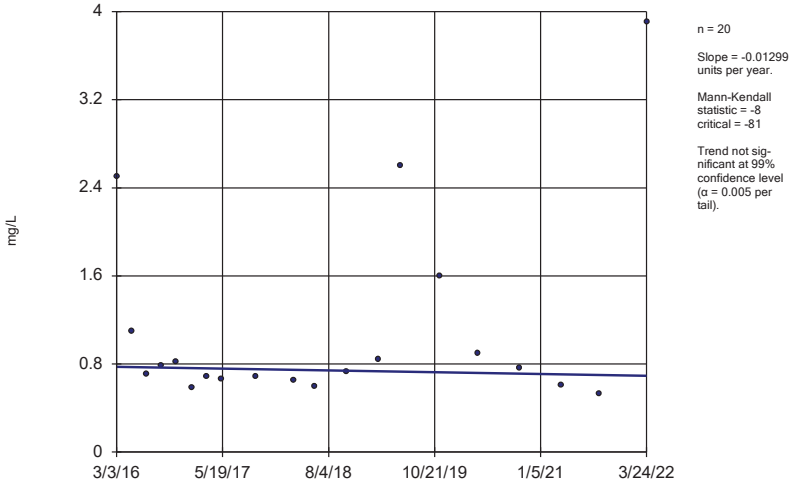
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-305



n = 20

Slope = -0.01299 units per year.

Mann-Kendall statistic = -8
critical = -81

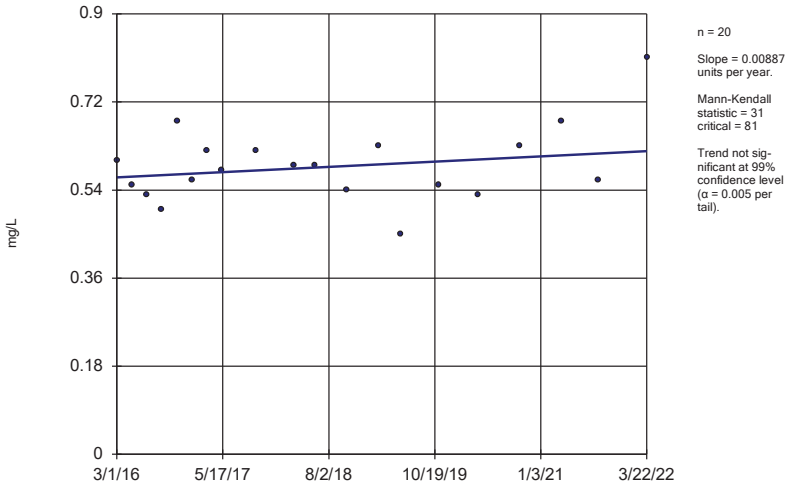
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0.00887 units per year.

Mann-Kendall statistic = 31 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

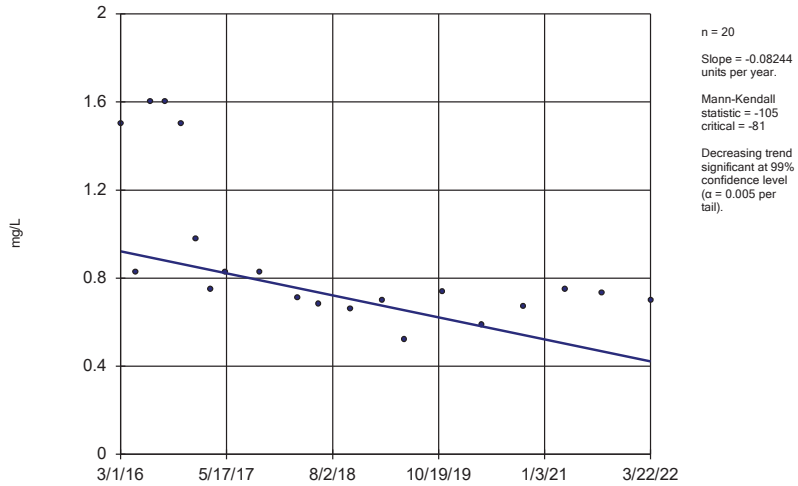
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = -0.08244 units per year.

Mann-Kendall statistic = -105 critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

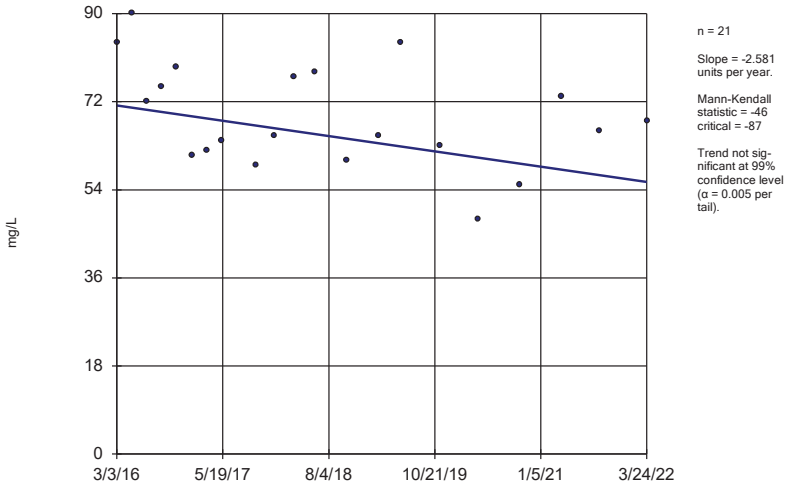
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



n = 21

Slope = -2.581 units per year.

Mann-Kendall statistic = -46 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

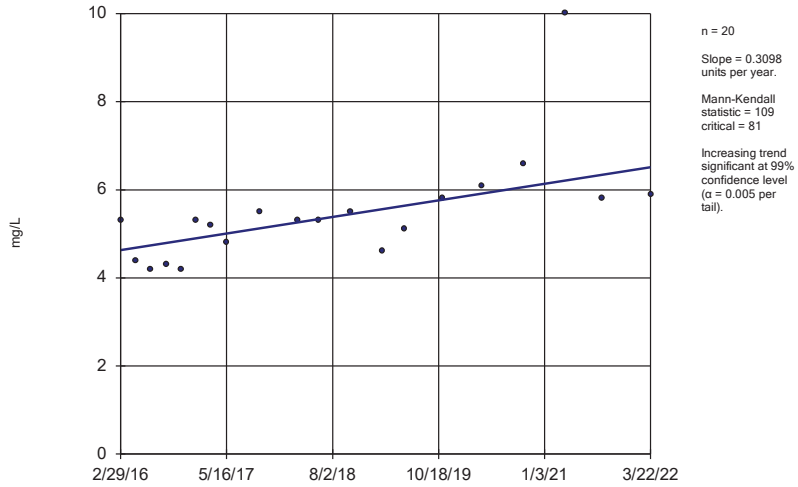
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0.3098 units per year.

Mann-Kendall statistic = 109 critical = 81

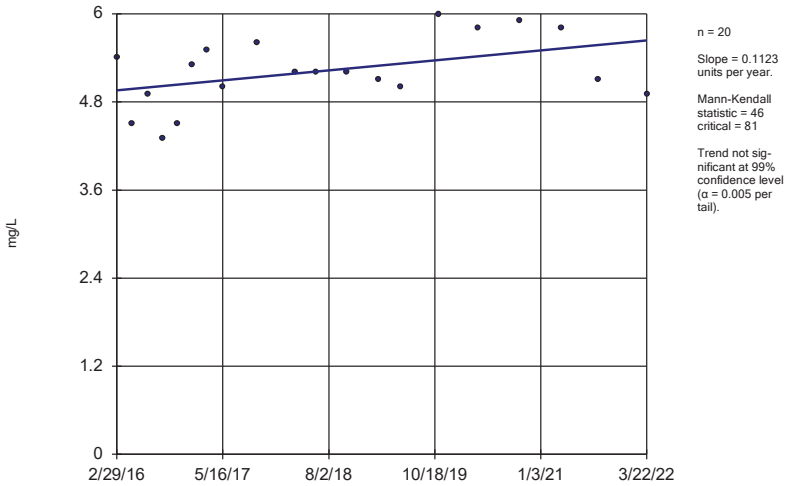
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0.1123 units per year.

Mann-Kendall statistic = 46 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

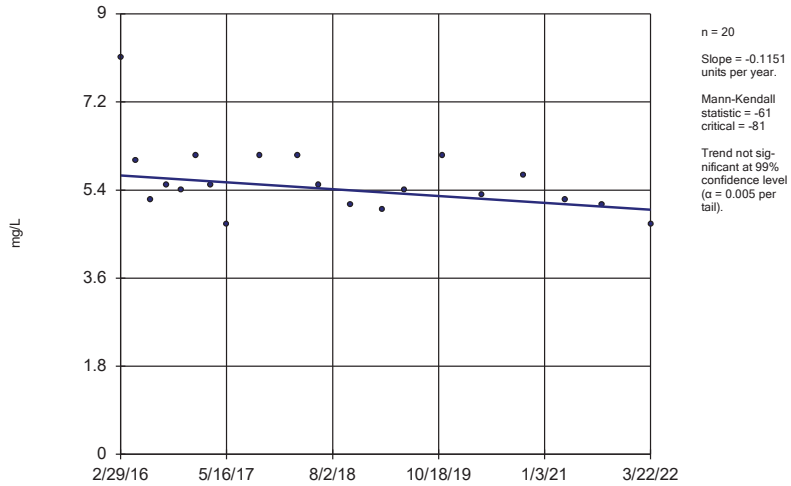
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = -0.1151 units per year.

Mann-Kendall statistic = -61 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

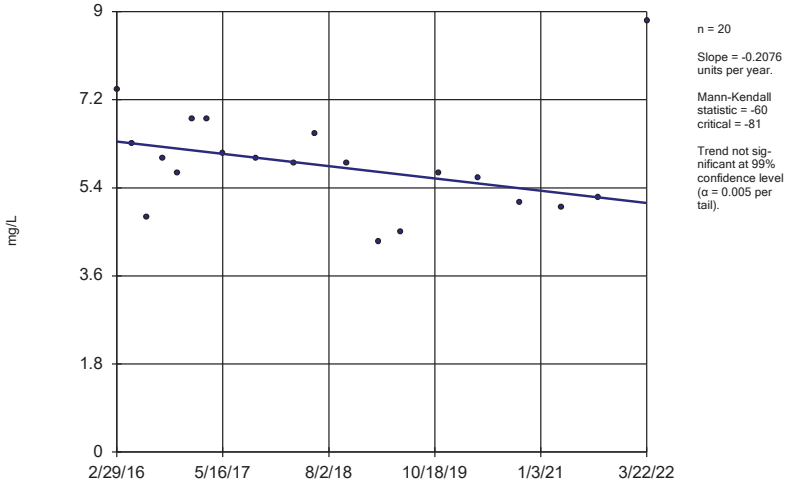
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = -0.2076 units per year.

Mann-Kendall statistic = -60 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

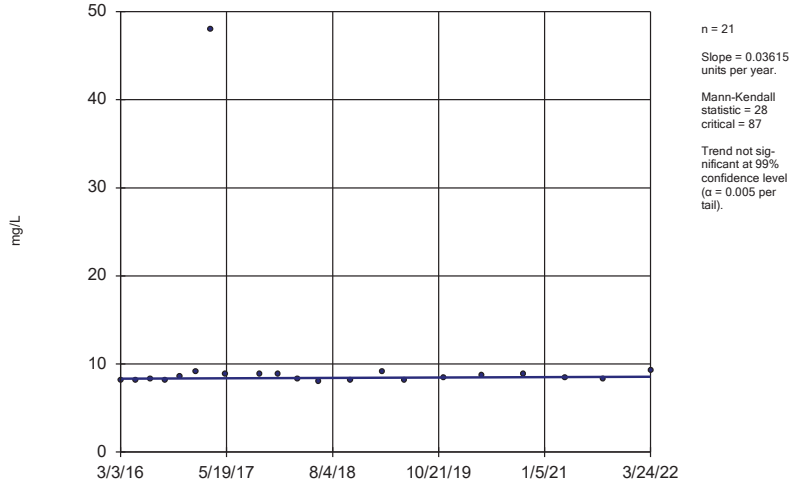
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-300



n = 21

Slope = 0.03615 units per year.

Mann-Kendall statistic = 28 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

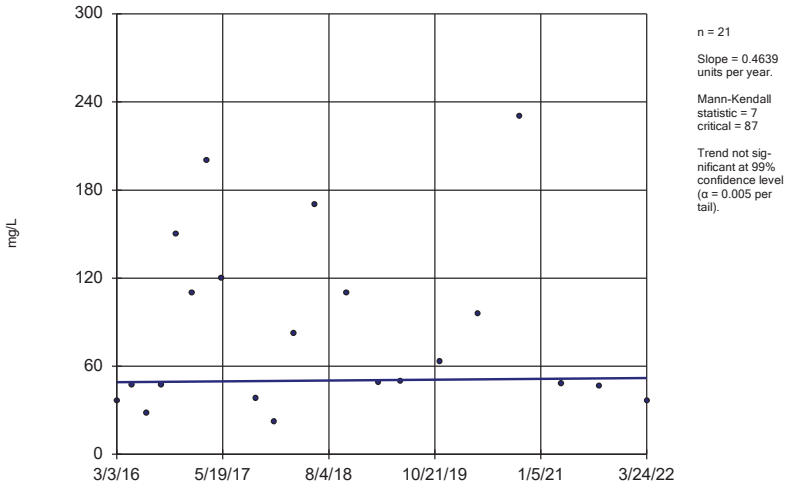
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 21

Slope = 0.4639 units per year.

Mann-Kendall statistic = 7 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

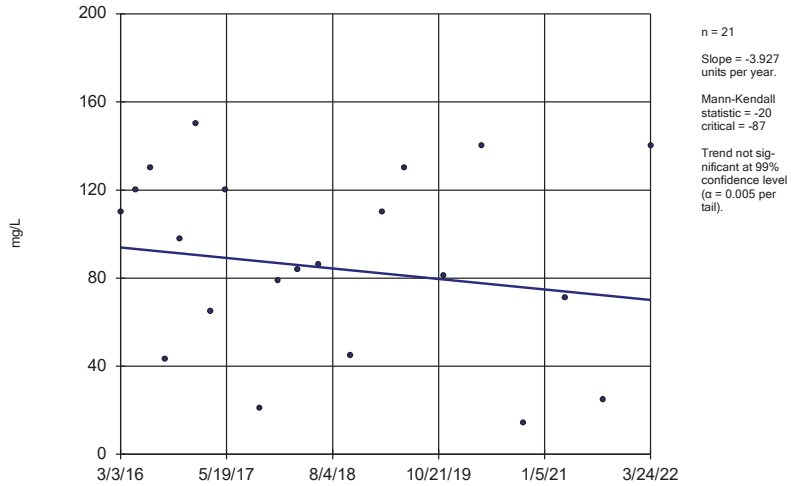
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 21

Slope = -3.927 units per year.

Mann-Kendall statistic = -20 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

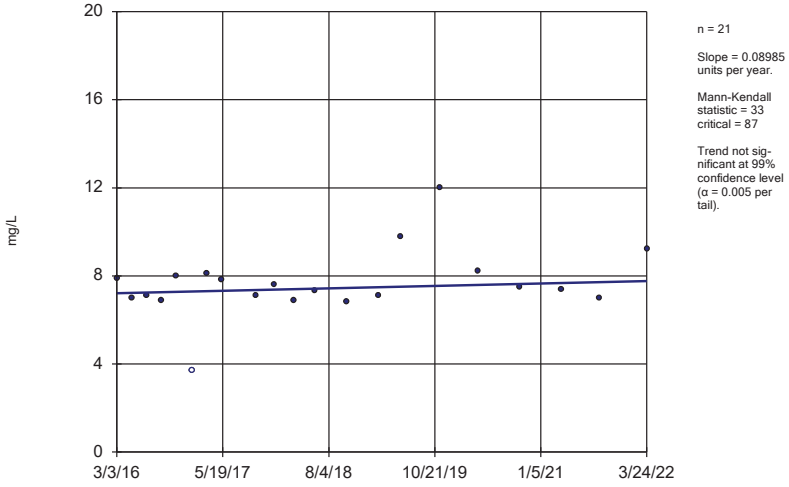
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 21

Slope = 0.08985 units per year.

Mann-Kendall statistic = 33 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

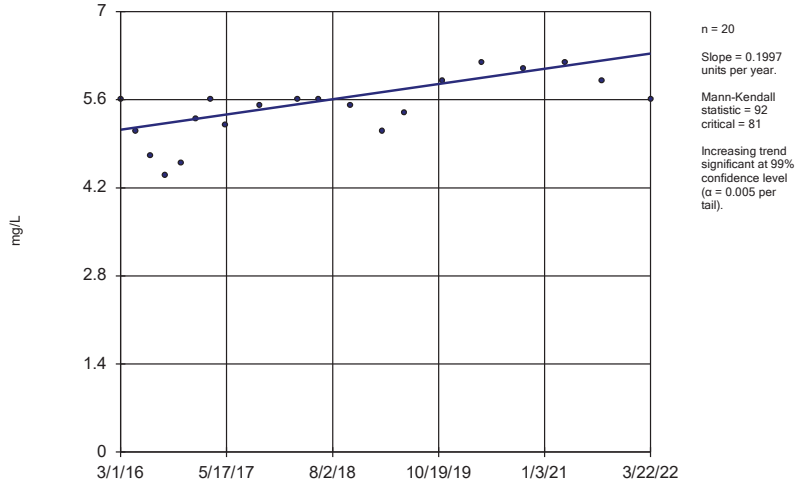
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0.1997 units per year.

Mann-Kendall statistic = 92 critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

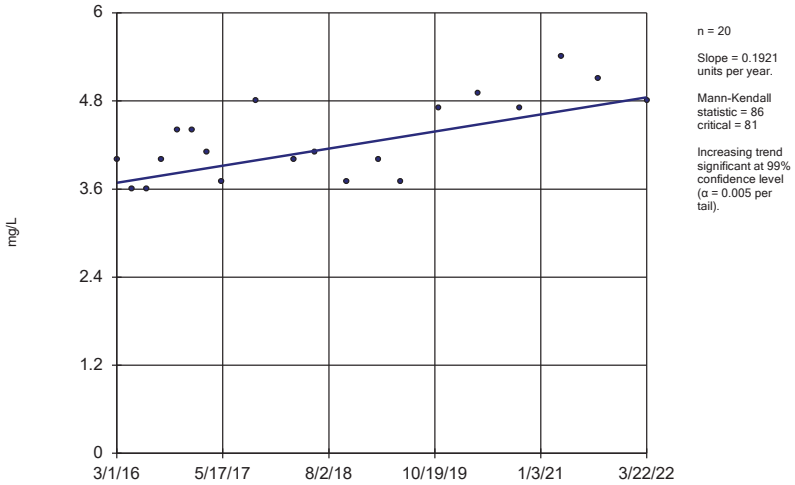
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0.1921 units per year.

Mann-Kendall statistic = 86 critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

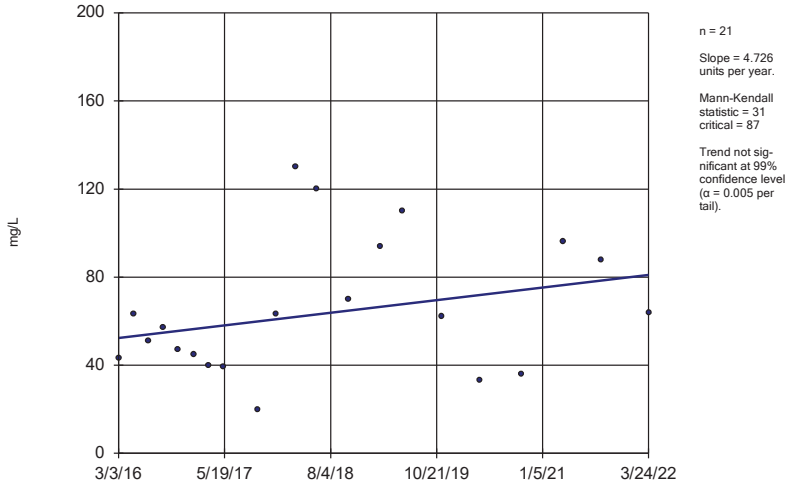
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



n = 21

Slope = 4.726 units per year.

Mann-Kendall statistic = 31 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

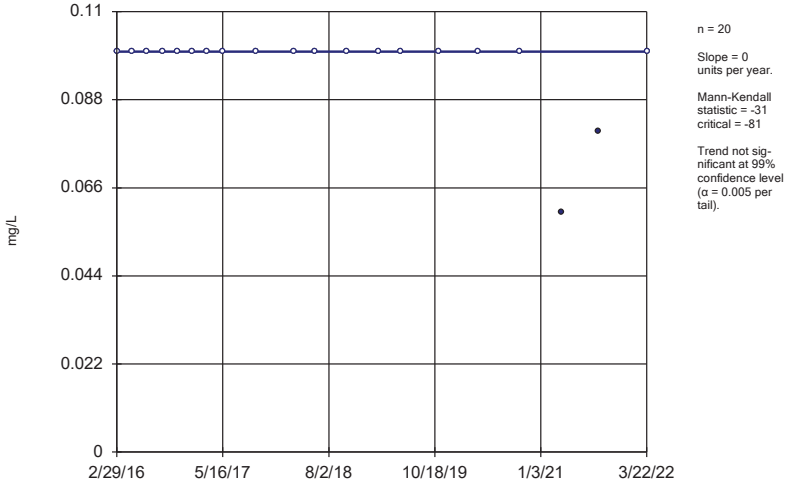
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -31 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

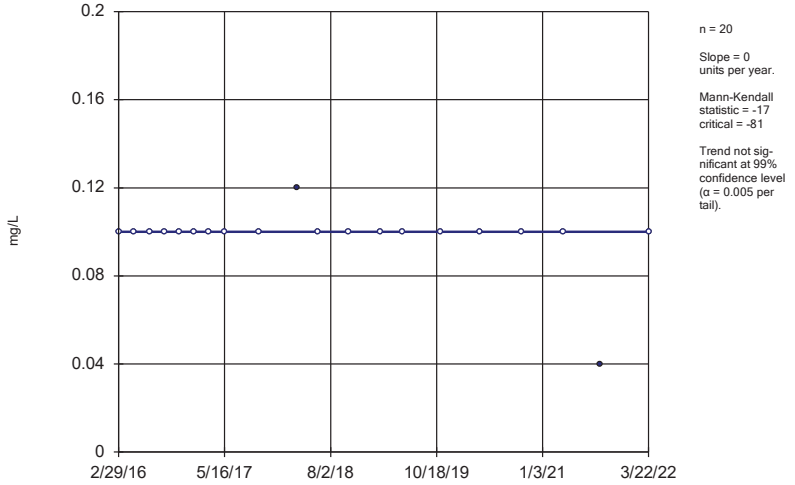
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -17 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

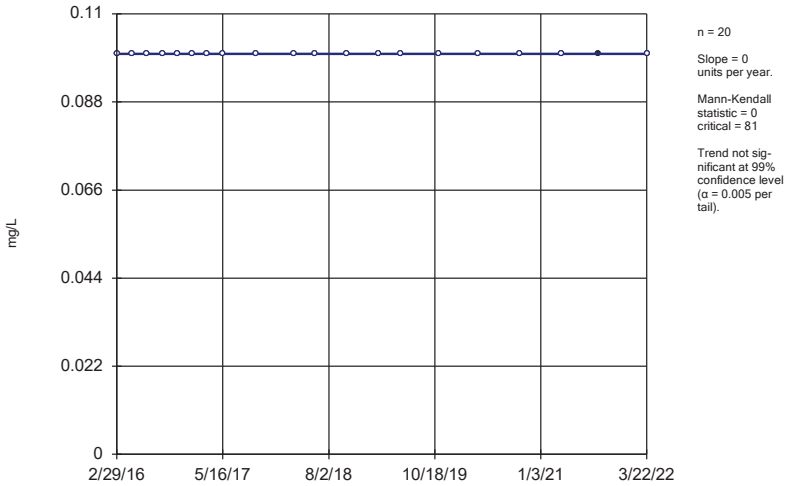
Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 81

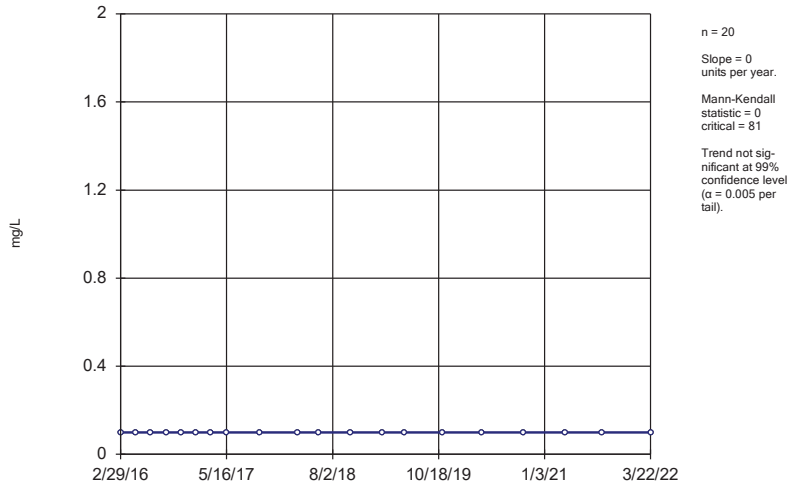
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 81

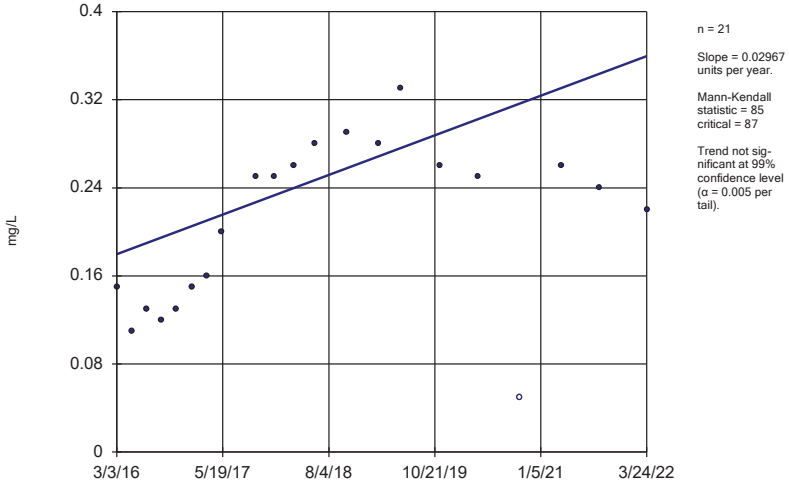
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-303



n = 21

Slope = 0.02967 units per year.

Mann-Kendall statistic = 85
critical = 87

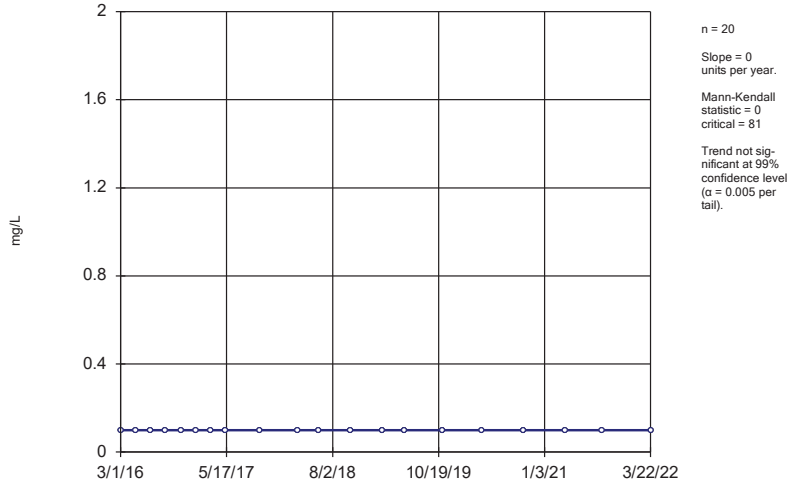
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 81

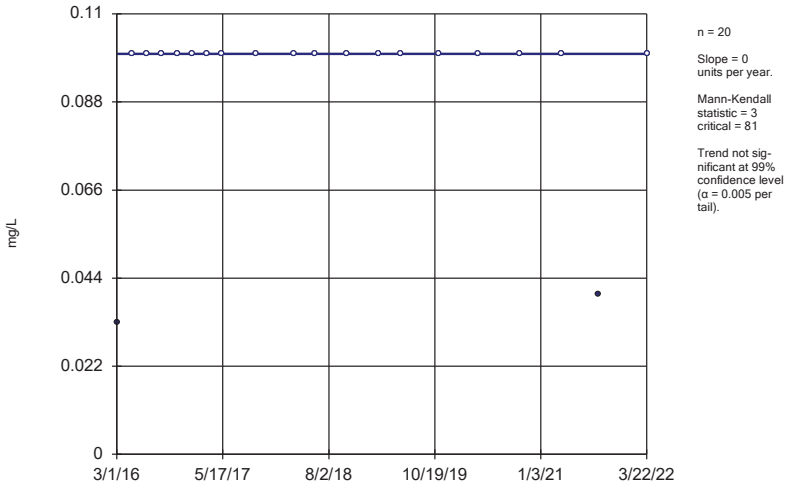
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 3
critical = 81

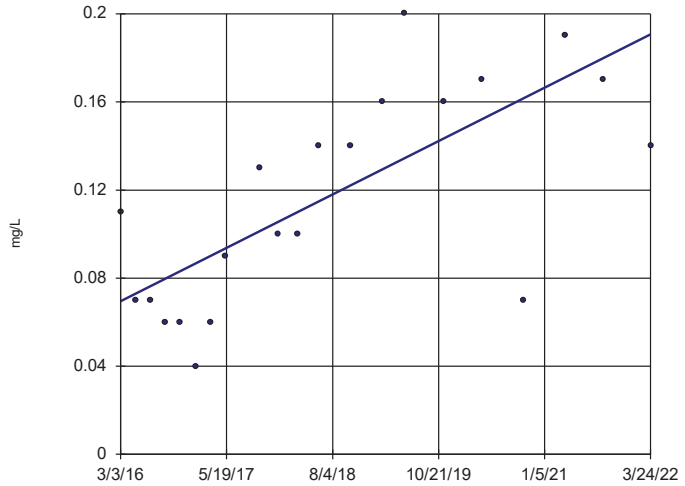
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308



n = 21

Slope = 0.02 units per year.

Mann-Kendall statistic = 112
critical = 87

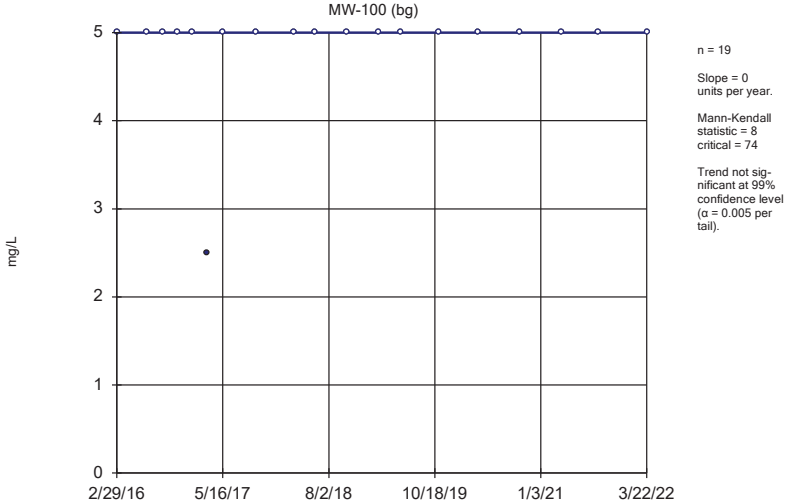
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = 8
critical = 74

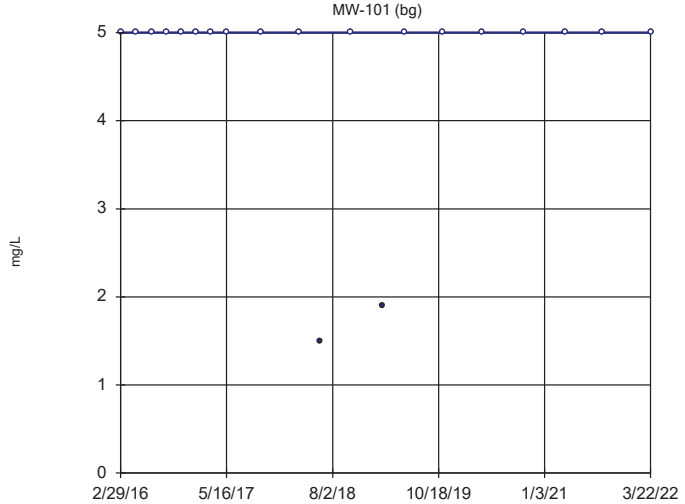
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



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).

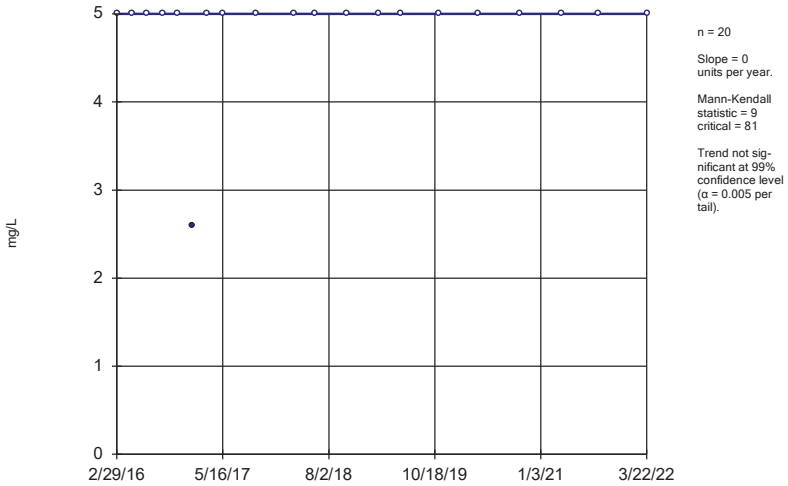
Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

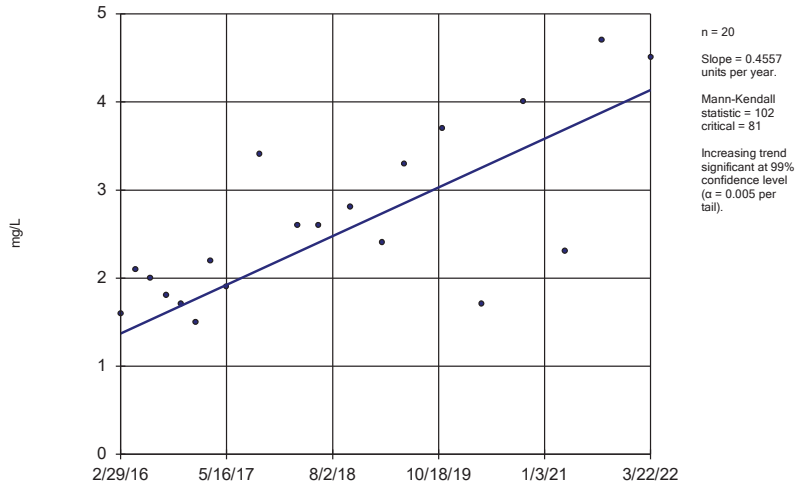
Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.4557 units per year.

Mann-Kendall statistic = 102
critical = 81

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

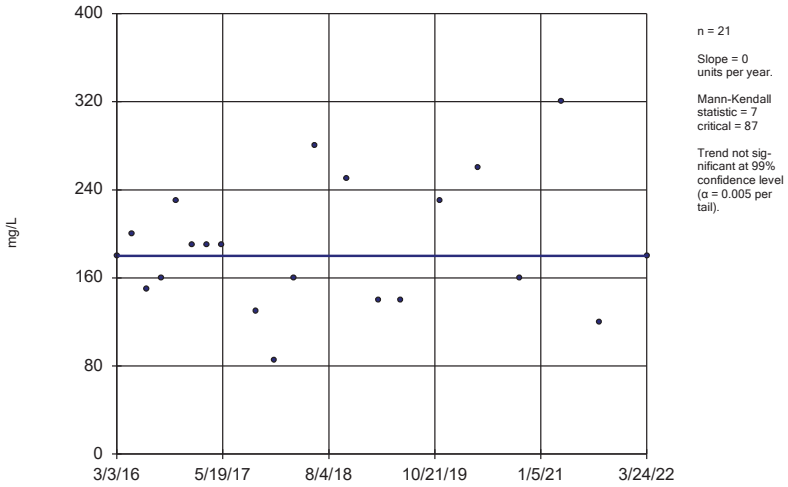
Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 7
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

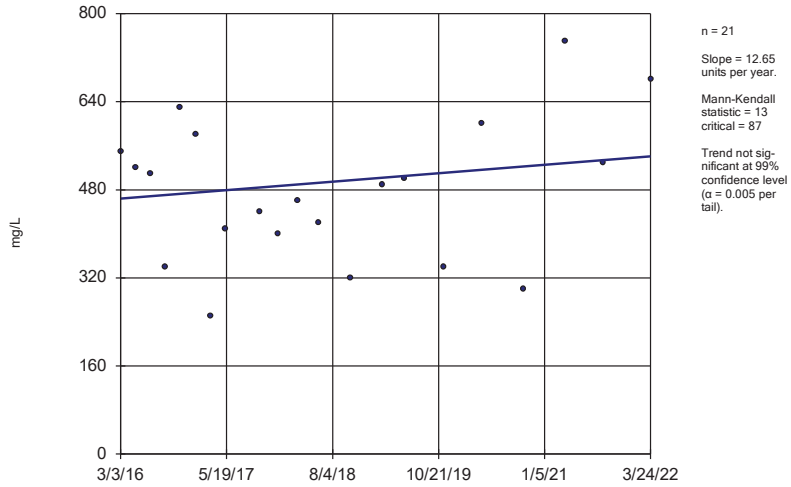
Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



n = 21

Slope = 12.65 units per year.

Mann-Kendall statistic = 13
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

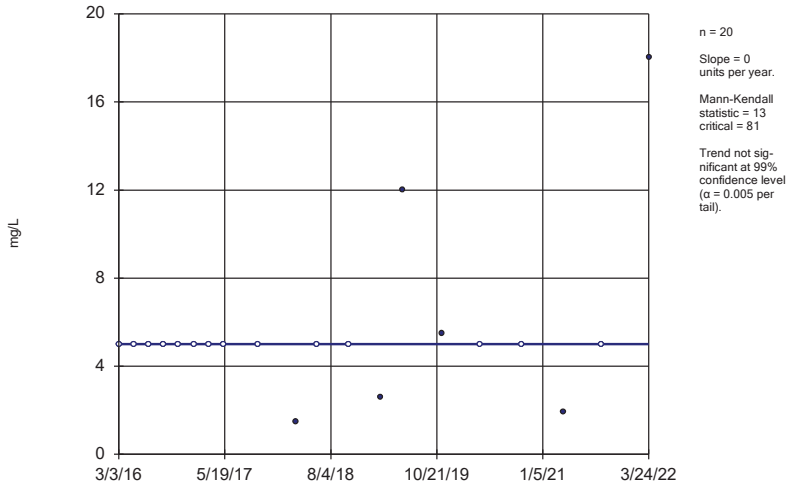
Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305

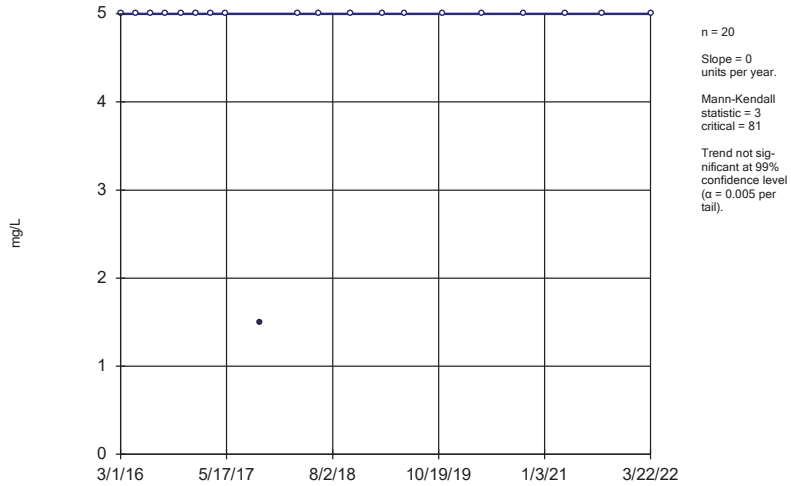


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

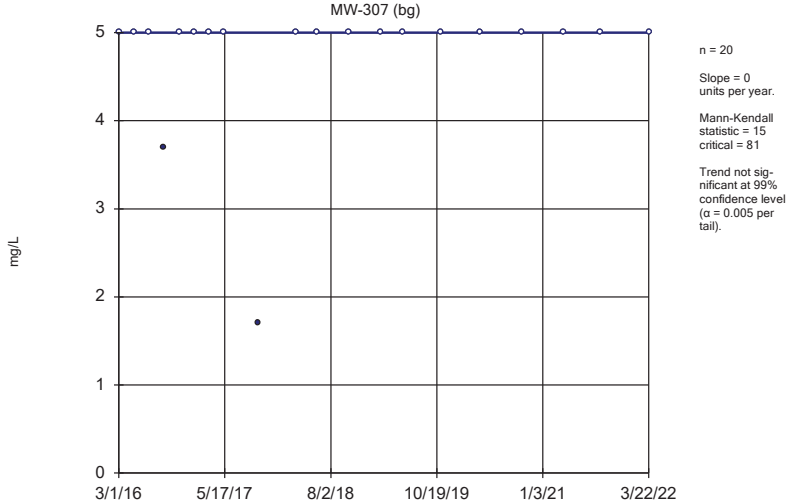


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

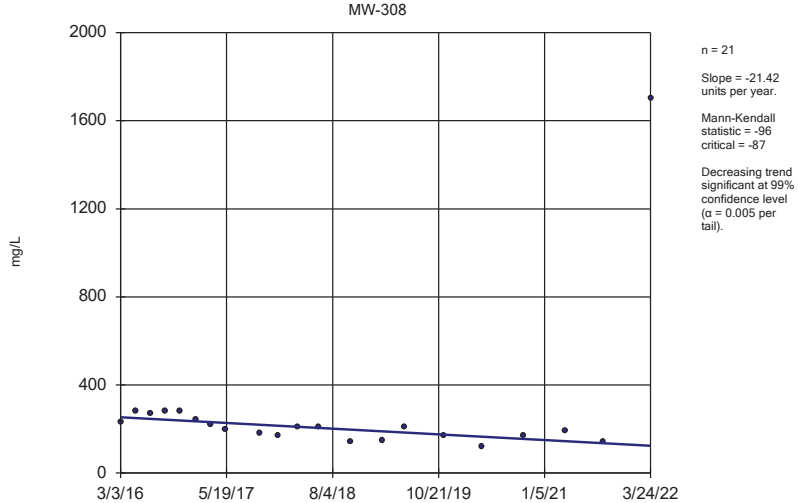


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308

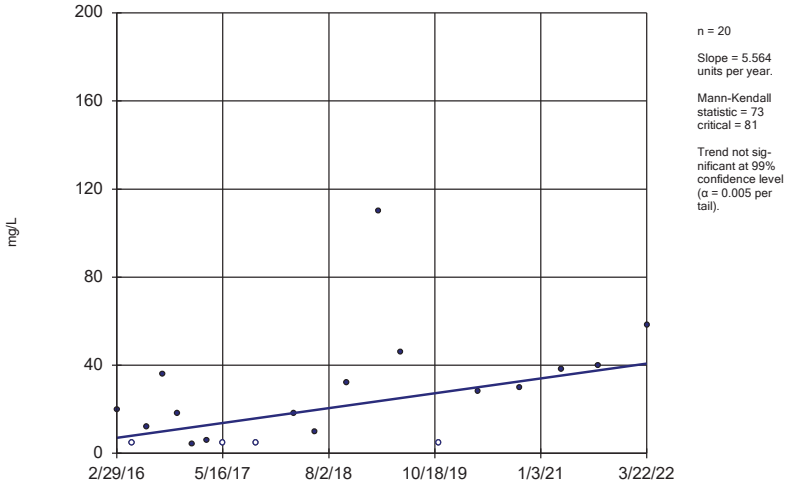


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 5.564 units per year.

Mann-Kendall statistic = 73
critical = 81

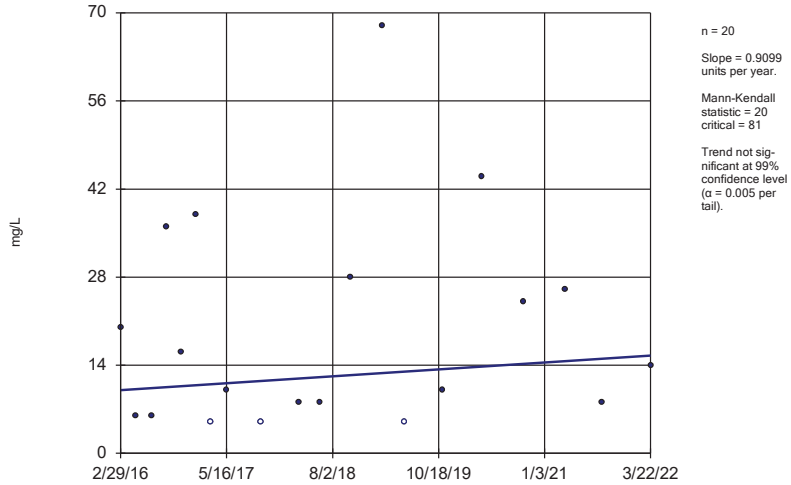
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 20

Slope = 0.9099 units per year.

Mann-Kendall statistic = 20
critical = 81

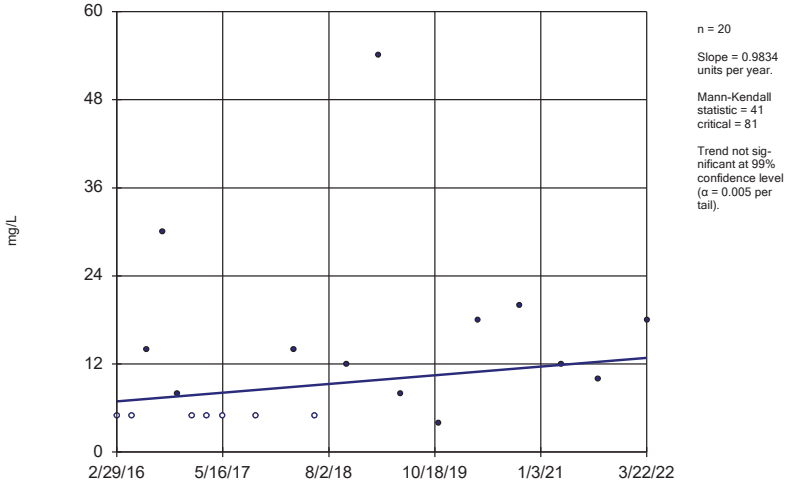
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 20

Slope = 0.9834 units per year.

Mann-Kendall statistic = 41
critical = 81

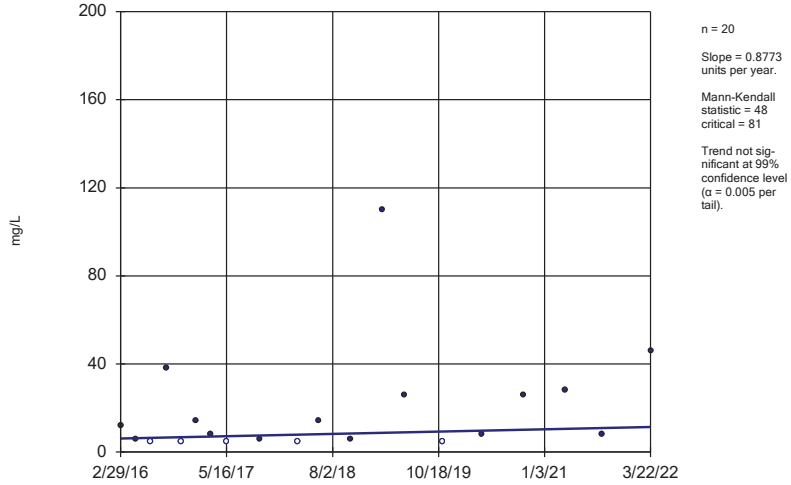
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0.8773 units per year.

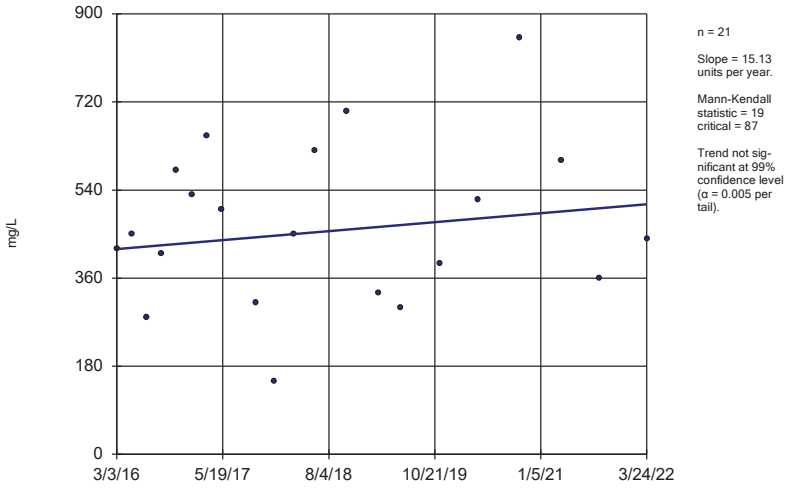
Mann-Kendall statistic = 48
critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-303



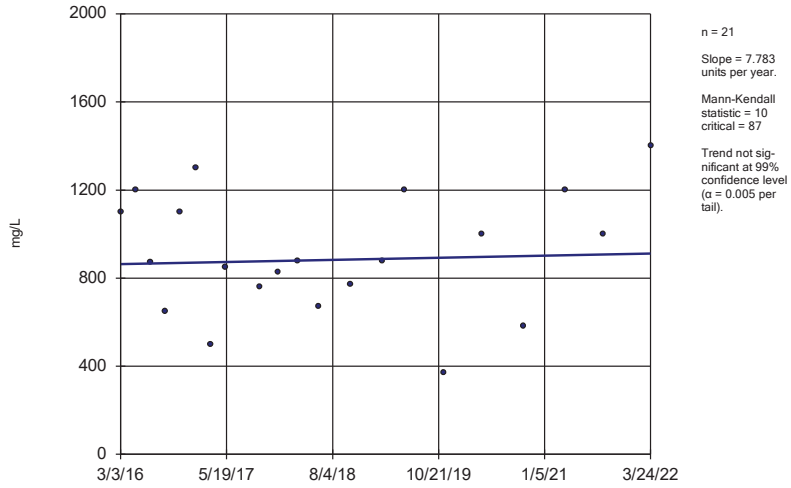
Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-304



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

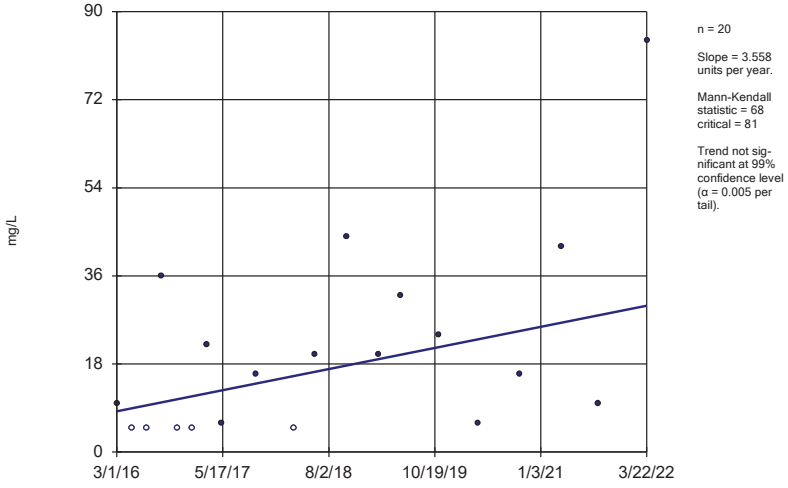
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

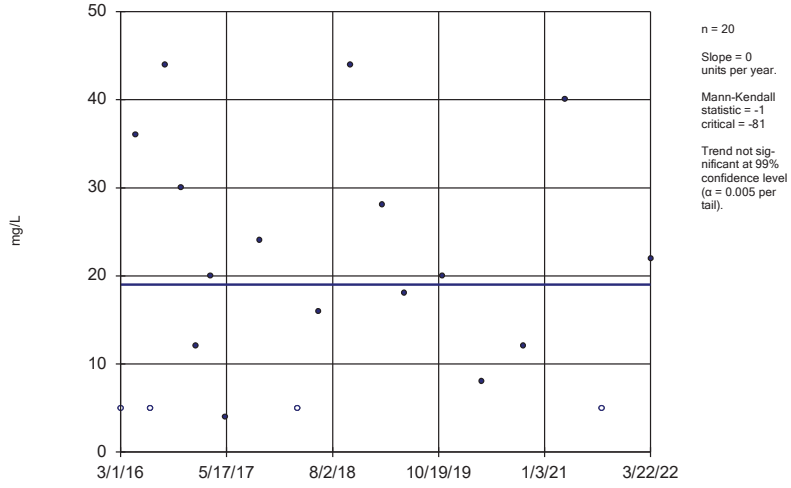
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

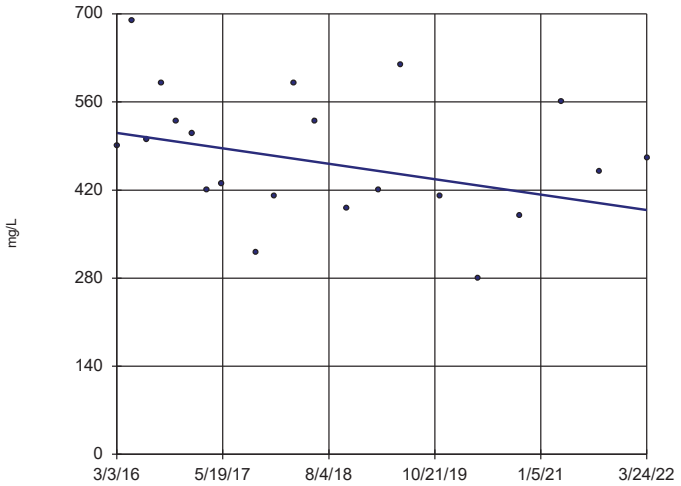


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-308



n = 21

Slope = -20.26 units per year.

Mann-Kendall statistic = -48
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Tolerance Limits

Upper Tolerance Limit Summary Table

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 2:06 PM

Constituent	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0005	n/a	n/a	n/a	n/a	102	n/a	n/a	100	n/a	n/a	0.005343	NP Inter(NDs)
Arsenic (mg/L)	0.0013	n/a	n/a	n/a	n/a	114	n/a	n/a	81.58	n/a	n/a	0.002887	NP Inter(NDs)
Barium (mg/L)	0.023	n/a	n/a	n/a	n/a	114	n/a	n/a	0	n/a	n/a	0.002887	NP Inter(normality)
Beryllium (mg/L)	0.0015	n/a	n/a	n/a	n/a	114	n/a	n/a	89.47	n/a	n/a	0.002887	NP Inter(NDs)
Cadmium (mg/L)	0.0005	n/a	n/a	n/a	n/a	114	n/a	n/a	100	n/a	n/a	0.002887	NP Inter(NDs)
Chromium (mg/L)	0.0088	n/a	n/a	n/a	n/a	113	n/a	n/a	81.42	n/a	n/a	0.003039	NP Inter(NDs)
Cobalt (mg/L)	0.0032	n/a	n/a	n/a	n/a	114	n/a	n/a	36.84	n/a	n/a	0.002887	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	2.328	n/a	n/a	n/a	n/a	114	1.031	0.2598	2.632	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	0.12	n/a	n/a	n/a	n/a	120	n/a	n/a	94.17	n/a	n/a	0.002122	NP Inter(NDs)
Lead (mg/L)	0.001	n/a	n/a	n/a	n/a	114	n/a	n/a	93.86	n/a	n/a	0.002887	NP Inter(NDs)
Lithium (mg/L)	0.0054	n/a	n/a	n/a	n/a	113	n/a	n/a	68.14	n/a	n/a	0.003039	NP Inter(NDs)
Mercury (mg/L)	0.00025	n/a	n/a	n/a	n/a	114	n/a	n/a	94.74	n/a	n/a	0.002887	NP Inter(NDs)
Molybdenum (mg/L)	0.0042	n/a	n/a	n/a	n/a	114	n/a	n/a	93.86	n/a	n/a	0.002887	NP Inter(NDs)
Selenium (mg/L)	0.0025	n/a	n/a	n/a	n/a	114	n/a	n/a	82.46	n/a	n/a	0.002887	NP Inter(NDs)
Thallium (mg/L)	0.00015	n/a	n/a	n/a	n/a	114	n/a	n/a	99.12	n/a	n/a	0.002887	NP Inter(NDs)

Groundwater Protection Standards

GULF CLEAN ENERGY CENTER GWPS				
Constituent Name	**MCL**	**CCR Rule Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0005	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		0.0005	0.005
Chromium, Total (mg/L)	0.1		0.0088	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)	n/a	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	0.0042	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

CCR = Coal Combustion Residuals

Confidence Intervals - 100, 200 & 300 Series

100 Series

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01503**	**0.006**	**Yes**	**19**	**0.018**	**0.005066**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.2**	**13.43**	**5**	**Yes**	**19**	**15.81**	**4.075**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.08**	**5.535**	**5**	**Yes**	**19**	**6.307**	**1.32**	**0**	**None**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.005726**	**0.003468**	**0.002**	**Yes**	**19**	**0.004597**	**0.001928**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0005	0.00025	0.01	No	19	0.0002632	0.00005735	94.74	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.00051	0.00019	0.01	No	19	0.0003579	0.0004264	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.006592	0.002349	0.01	No	19	0.00447	0.003623	5.263	None	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0054	0.0036	0.01	No	19	0.004721	0.001751	0	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.00048	0.00025	0.01	No	19	0.0003068	0.0001992	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.00051	0.0002	0.01	No	19	0.0003342	0.0001551	57.89	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-102	0.01098	0.00918	2	No	19	0.01008	0.001535	0	None	No	0.01	Param.
Barium (mg/L)	MW-103	0.05765	0.03929	2	No	19	0.04847	0.01568	0	None	No	0.01	Param.
Barium (mg/L)	MW-104	0.02552	0.02048	2	No	19	0.023	0.004308	0	None	No	0.01	Param.
Barium (mg/L)	MW-105	0.04588	0.03465	2	No	19	0.04026	0.009591	0	None	No	0.01	Param.
Barium (mg/L)	MW-106	0.012	0.0097	2	No	19	0.011	0.00187	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-109	0.02312	0.01858	2	No	19	0.021	0.004123	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	MW-110	0.04461	0.03328	2	No	19	0.03895	0.009675	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0005	0.00011	0.004	No	19	0.0004795	0.00008947	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001126	0.0007178	0.004	No	19	0.0009221	0.000349	5.263	None	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.0005	0.000044	0.004	No	19	0.000476	0.0001046	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0005	0.00013	0.004	No	19	0.0004586	0.0001242	89.47	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.00056	0.00049	0.005	No	19	0.0005111	0.00008212	47.37	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.0005	0.000078	0.005	No	19	0.0004778	0.00009681	94.74	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0005	0.00032	0.005	No	19	0.00047	0.00009644	89.47	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.0012	0.1	No	19	0.002535	0.001073	78.95	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.003	0.0011	0.1	No	19	0.002692	0.001802	68.42	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-104	0.002086	0.001389	0.1	No	19	0.002095	0.0005349	21.05	Kaplan-Meier	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002502	0.00177	0.1	No	19	0.002136	0.0006247	5.263	None	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0044	0.0019	0.1	No	19	0.002568	0.0004643	89.47	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0061	0.0025	0.1	No	19	0.0034	0.003161	89.47	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0025	0.0016	0.1	No	19	0.002233	0.0006745	78.95	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00088	0.006	No	19	0.002172	0.0007892	84.21	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00041	0.006	No	19	0.001743	0.001033	63.16	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**MW-104**	**0.02097**	**0.01503**	**0.006**	**Yes**	**19**	**0.018**	**0.005066**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	19	0.002179	0.0007699	84.21	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.00044	0.006	No	19	0.00119	0.0009302	31.58	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.007109	0.003643	0.006	No	19	0.005629	0.003174	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-110	0.0125	0.005814	0.006	No	19	0.009716	0.006339	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-102	1.821	1.254	5	No	19	1.56	0.5182	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-103	6.636	4.848	5	No	19	5.742	1.527	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.2**	**13.43**	**5**	**Yes**	**19**	**15.81**	**4.075**	**0**	**None**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.024	2.534	5	No	19	3.354	1.345	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.288	0.778	5	No	19	1.061	0.4765	5.263	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	3.074	1.751	5	No	19	2.412	1.13	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.08**	**5.535**	**5**	**Yes**	**19**	**6.307**	**1.32**	**0**	**None**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.24	0.037	4	No	20	0.1039	0.035	90	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3551	0.2572	4	No	21	0.3062	0.08874	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	20	0.08055	0.02792	65	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-109	0.1	0.05	4	No	20	0.0975	0.01118	95	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	20	0.07745	0.02907	60	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-102	0.00025	0.00018	0.015	No	19	0.0002405	0.00002915	89.47	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.00025	0.00011	0.015	No	19	0.0002426	0.00003212	94.74	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002336	0.001854	0.015	No	19	0.002095	0.0004116	0	None	No	0.01	Param.
Lead (mg/L)	MW-105	0.00091	0.00012	0.015	No	19	0.0002779	0.0001559	89.47	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.00039	0.00025	0.015	No	19	0.0002574	0.00003212	94.74	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.00067	0.00011	0.015	No	19	0.0003065	0.0002429	78.95	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0003	0.00025	0.015	No	19	0.0002737	0.00004573	73.68	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-102	0.0012	0.0009	0.04	No	19	0.001026	0.0001046	84.21	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.0021	0.001	0.04	No	19	0.001545	0.000792	42.11	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03197	0.01998	0.04	No	19	0.02684	0.01143	0	None	x^(1/3)	0.01	Param.
Lithium (mg/L)	MW-105	0.001	0.00039	0.04	No	19	0.0009679	0.0001399	94.74	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.0012	0.00068	0.04	No	19	0.001437	0.001542	68.42	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-109	0.006557	0.005241	0.04	No	19	0.005932	0.001183	0	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-110	0.012	0.0073	0.04	No	19	0.01399	0.0191	0	None	No	0.01	NP (normality)

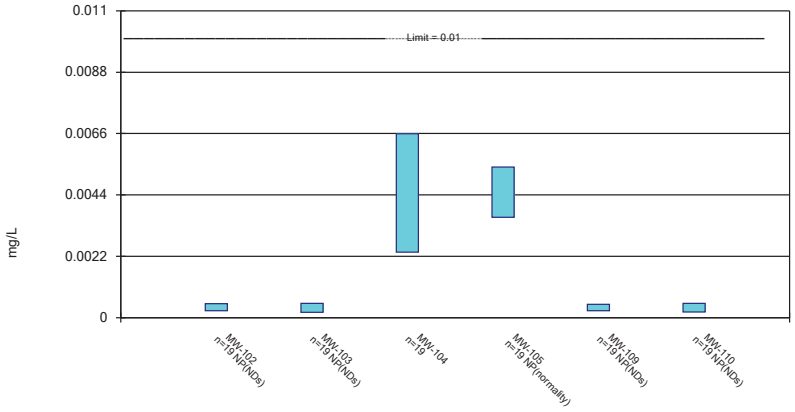
Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 11:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	19	0.0001888	0.00003342	89.47	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00016	0.002	No	19	0.0002158	0.00009991	84.21	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.00122	0.0006608	0.002	No	19	0.0009779	0.0005263	0	None	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	19	0.0001937	0.00002753	94.74	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.00047	0.0002	0.002	No	19	0.000543	0.0007568	63.16	None	No	0.01	NP (NDs)
Mercury (mg/L)	**MW-110**	**0.005726**	**0.003468**	**0.002**	**Yes**	**19**	**0.004597**	**0.001928**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.015	0.00091	0.1	No	19	0.01426	0.003232	94.74	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.015	0.00092	0.1	No	19	0.01426	0.00323	94.74	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-105	0.005757	0.003722	0.1	No	19	0.004837	0.001887	5.263	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.015	0.00068	0.1	No	19	0.01425	0.003285	94.74	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.015	0.0009	0.1	No	19	0.01426	0.003235	94.74	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.00028	0.00025	0.05	No	19	0.00029	0.0001729	73.68	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-103	0.002742	0.001734	0.05	No	19	0.002238	0.0008602	5.263	None	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01092	0.005381	0.05	No	19	0.008579	0.005251	0	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-105	0.0004	0.00025	0.05	No	19	0.0003032	0.00009696	57.89	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.00035	0.00024	0.05	No	19	0.0002521	0.00002637	84.21	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003697	0.003209	0.05	No	19	0.003453	0.0004168	0	None	No	0.01	Param.
Thallium (mg/L)	MW-102	0.00021	0.0001	0.002	No	19	0.0001058	0.00002524	94.74	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.00015	0.000026	0.002	No	19	0.00009874	0.00002101	89.47	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.000335	0.000225	0.002	No	19	0.00028	0.00009399	5.263	None	No	0.01	Param.
Thallium (mg/L)	MW-105	0.00012	0.0001	0.002	No	19	0.0001084	0.00003219	89.47	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.00012	0.0001	0.002	No	19	0.0001011	0.000004588	94.74	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002927	0.0002252	0.002	No	19	0.0002526	0.00006789	5.263	None	x^2	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 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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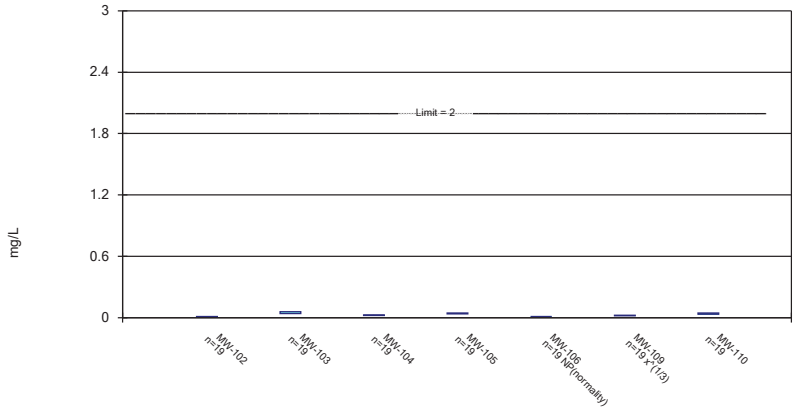
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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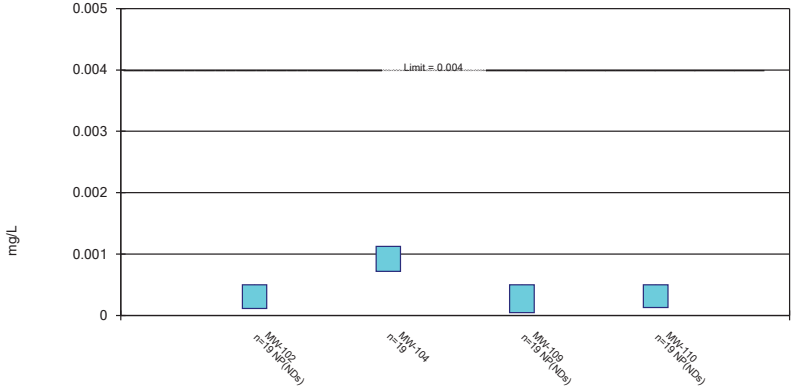
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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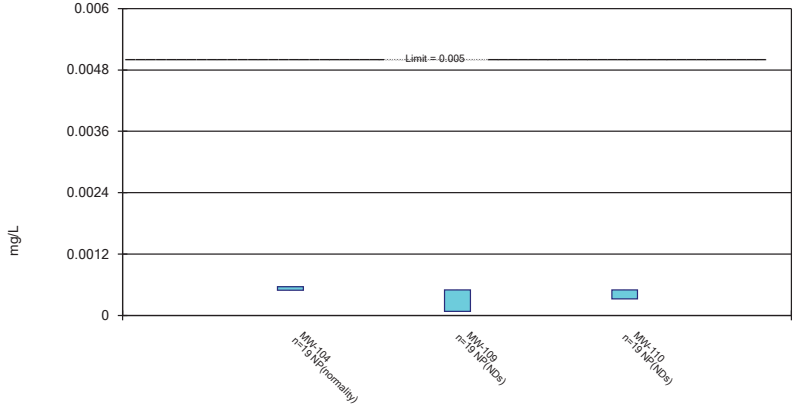
Non-Parametric Confidence Interval

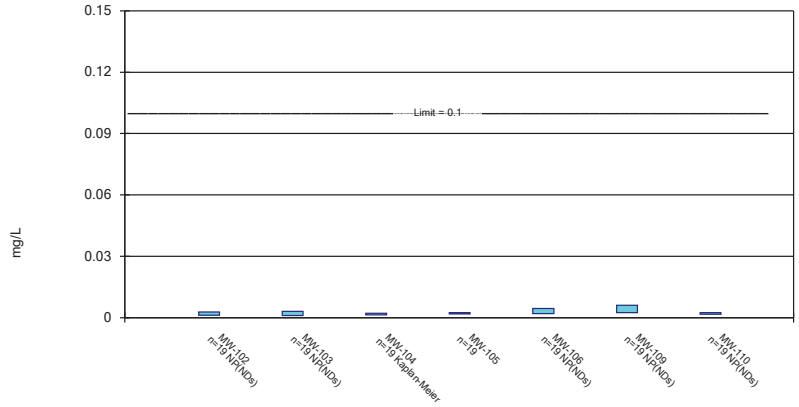
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

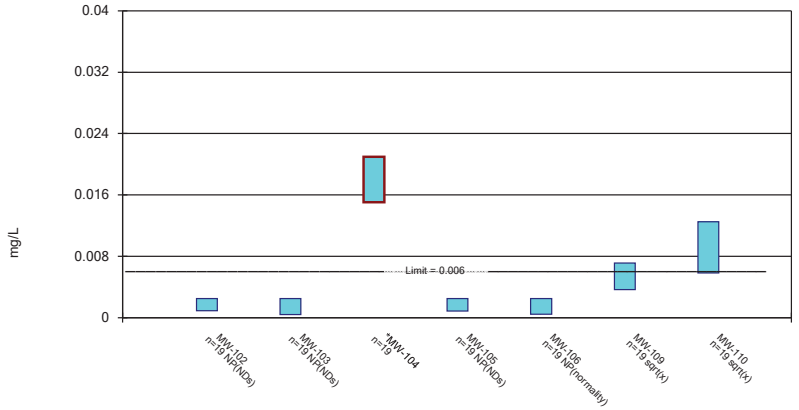
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

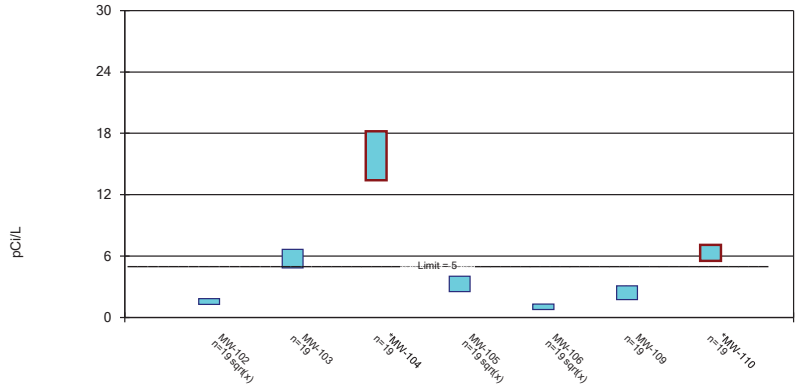
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric Confidence Interval

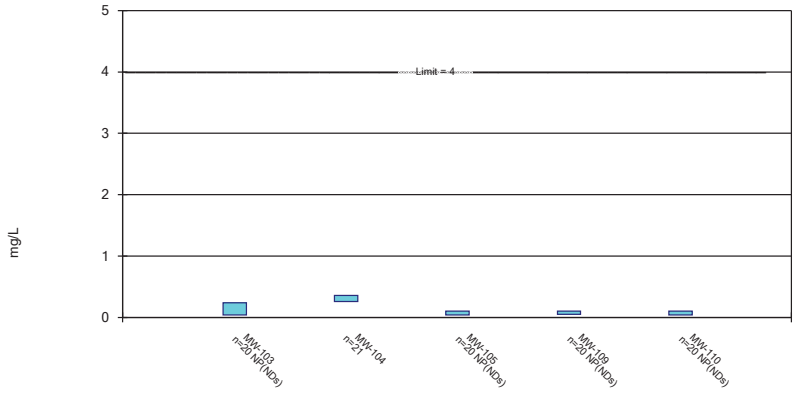
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confiden
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

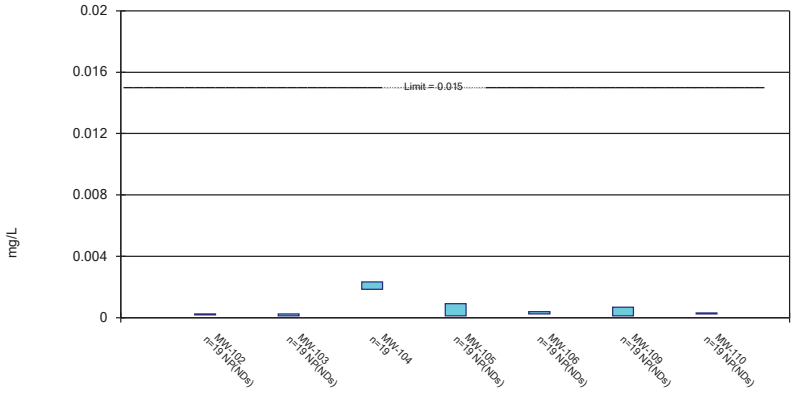
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

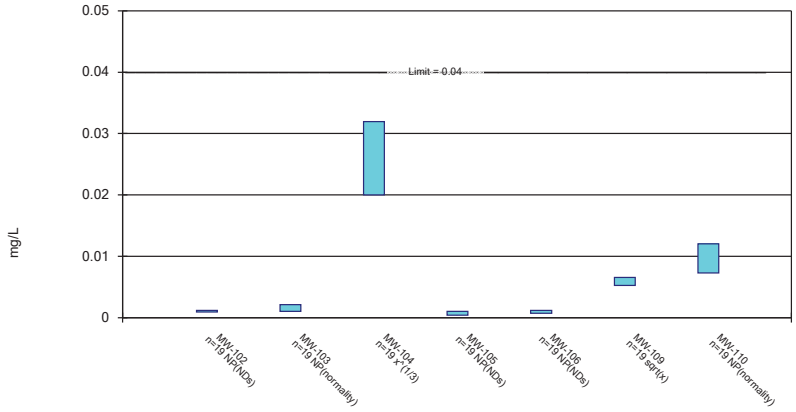
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

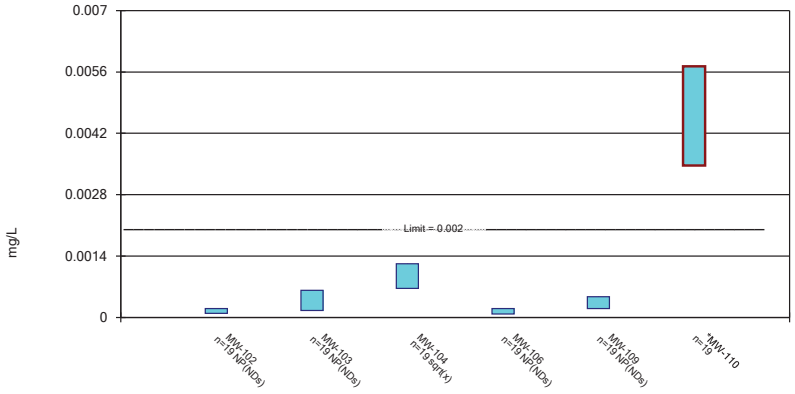
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

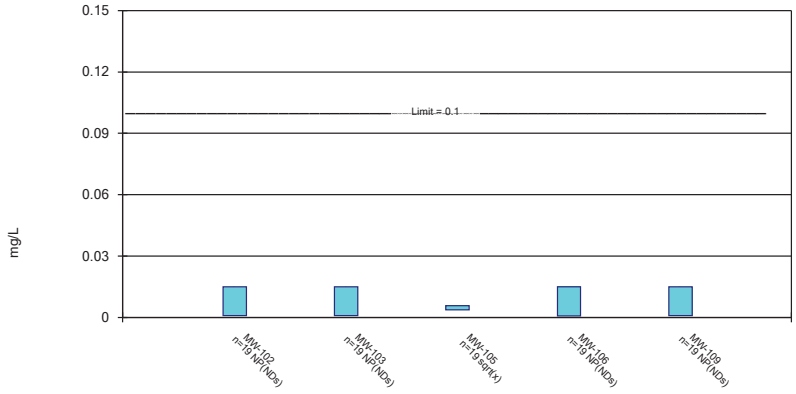
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

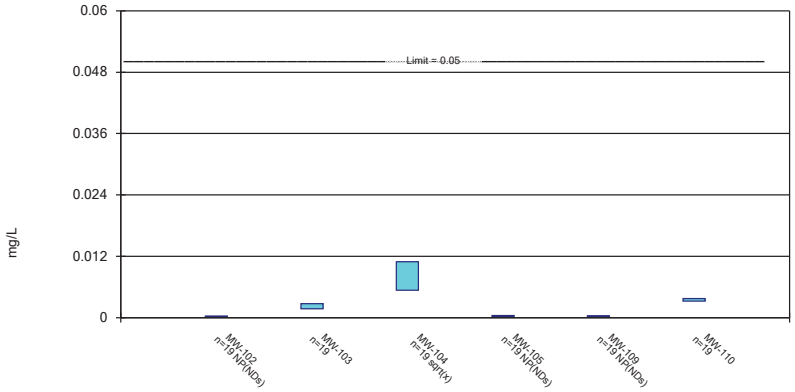
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL 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.

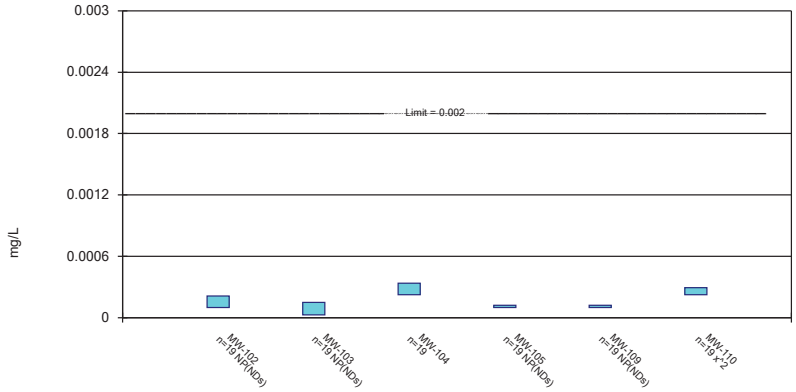


Constituent: Selenium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.00025	<0.00025	0.0085	0.0039 (J)		
3/2/2016					<0.00025	<0.00025
5/5/2016	<0.00025	<0.00025	0.0077	0.0039	<0.00025	0.00061 (J)
7/7/2016	<0.00025	<0.00025	0.0082	0.0037	<0.00025	<0.00025
9/6/2016	<0.00025					
9/7/2016		<0.00025	0.012	0.0032	<0.00025	<0.00025
11/9/2016			0.0071	0.0038		
11/10/2016	0.0005 (J)	0.00051 (J)			<0.00025	0.00047 (J)
1/11/2017			0.0071	0.0035		
1/12/2017	<0.00025	<0.00025			<0.00025	<0.00025
3/14/2017			0.0067	0.0036	<0.00025	
3/15/2017	<0.00025	<0.00025				<0.00025
5/18/2017	<0.00025	<0.00025	0.0087	0.0036	<0.00025	0.00051 (J)
3/14/2018	<0.00025	<0.00025	0.0027	0.0039	<0.00025	0.00056 (J)
6/10/2018			0.0047	0.0034		
6/11/2018	<0.00025	<0.00025			<0.00025	0.0005 (J)
10/18/2018		<0.00025	0.0019	0.0044	<0.00025	<0.00025
10/19/2018	<0.00025					
3/1/2019			<0.00025	0.0047	<0.00025	<0.00025
3/2/2019	<0.00025	<0.00025				
6/3/2019	<0.00025		0.003	0.0045	<0.00025	<0.00025
6/11/2019		<0.00025				
11/7/2019		0.00019 (J)	8.9E-05 (J)		0.00025 (V)	0.0002 (J)
11/9/2019	<0.00025			0.0045		
4/17/2020		<0.00025			<0.00025	0.00012 (J)
4/18/2020	<0.00025		0.0014	0.0054		
10/8/2020	<0.00025	0.0021	0.0019	0.0046		
10/9/2020					<0.00025	<0.00025
3/30/2021	<0.00025	<0.00025		0.0082		
3/31/2021			0.00048		0.0011	<0.00025
9/3/2021			0.00084 (J)	0.0096	0.00048 (J)	0.00063 (J)
9/7/2021	<0.00025	<0.00025				
3/23/2022	<0.00025		0.0018	0.0073	<0.00025	<0.00025
3/24/2022		<0.00025				
Mean	0.0002632	0.0003579	0.00447	0.004721	0.0003068	0.0003342
Std. Dev.	5.735E-05	0.0004264	0.003623	0.001751	0.0001992	0.0001551
Upper Lim.	0.0005	0.00051	0.006592	0.0054	0.00048	0.00051
Lower Lim.	0.00025	0.00019	0.002349	0.0036	0.00025	0.0002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/3/2021			0.02	0.029	0.011	0.032	0.036
9/7/2021	0.0095	0.03					
3/23/2022	0.013		0.03	0.027	0.012	0.02	0.024
3/24/2022		0.027					
Mean	0.01008	0.04847	0.023	0.04026	0.011	0.021	0.03895
Std. Dev.	0.001535	0.01568	0.004308	0.009591	0.00187	0.004123	0.009675
Upper Lim.	0.01098	0.05765	0.02552	0.04588	0.012	0.02312	0.04461
Lower Lim.	0.00918	0.03929	0.02048	0.03465	0.0097	0.01858	0.03328

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-104	MW-109	MW-110
3/1/2016	<0.0005	0.0013 (J)		
3/2/2016			<0.0005	<0.0005
5/5/2016	<0.0005	0.00088 (J)	<0.0005	<0.0005
7/7/2016	<0.0005	0.001 (J)	<0.0005	<0.0005
9/6/2016	<0.0005			
9/7/2016		0.00078 (J)	<0.0005	<0.0005
11/9/2016		0.0012 (J)		
11/10/2016	<0.0005		<0.0005	<0.0005
1/11/2017		0.0014 (J)		
1/12/2017	<0.0005		<0.0005	<0.0005
3/14/2017		0.0013 (J)	<0.0005	
3/15/2017	<0.0005			<0.0005
5/18/2017	<0.0005	0.0016 (J)	<0.0005	<0.0005
3/14/2018	<0.0005	0.0011 (J)	<0.0005	<0.0005
6/10/2018		0.0011 (J)		
6/11/2018	<0.0005		<0.0005	<0.0005
10/18/2018		0.00084 (J)	<0.0005	<0.0005
10/19/2018	<0.0005			
3/1/2019		0.00057 (J)	<0.0005	<0.0005
3/2/2019	<0.0005			
6/3/2019	<0.0005	0.00074 (J)	<0.0005	<0.0005
11/7/2019		0.00065	<0.0005	8.4E-05 (J)
11/9/2019	<0.0005			
4/17/2020			4.4E-05 (J)	0.00013 (J)
4/18/2020	0.00011 (J)	0.00096		
10/8/2020	<0.0005	0.00039 (J)		
10/9/2020			<0.0005	<0.0005
3/30/2021	<0.0005			
3/31/2021		0.0007	<0.0005	<0.0005
9/3/2021		0.00076 (J)	<0.0005	<0.0005
9/7/2021	<0.0005			
3/23/2022	<0.0005	<0.0005	<0.0005	<0.0005
Mean	0.0004795	0.0009221	0.000476	0.0004586
Std. Dev.	8.947E-05	0.000349	0.0001046	0.0001242
Upper Lim.	0.0005	0.001126	0.0005	0.0005
Lower Lim.	0.00011	0.0007178	4.4E-05	0.00013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-104	MW-109	MW-110
3/1/2016	<0.0005		
3/2/2016		<0.0005	<0.0005
5/5/2016	<0.0005	<0.0005	<0.0005
7/7/2016	<0.0005	<0.0005	<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005
11/9/2016	<0.0005		
11/10/2016		<0.0005	<0.0005
1/11/2017	0.00049 (J)		
1/12/2017		<0.0005	<0.0005
3/14/2017	<0.0005	<0.0005	
3/15/2017			<0.0005
5/18/2017	<0.0005	<0.0005	<0.0005
3/14/2018	0.00052 (J)	<0.0005	<0.0005
6/10/2018	0.00049 (J)		
6/11/2018		<0.0005	<0.0005
10/18/2018	0.00044 (J)	<0.0005	<0.0005
3/1/2019	0.00038 (J)	<0.0005	<0.0005
6/3/2019	0.0006 (J)	<0.0005	<0.0005
11/7/2019	0.00075	7.8E-05 (J)	0.00032 (J)
4/17/2020		<0.0005	0.00011 (J)
4/18/2020	0.00037 (J)		
10/8/2020	<0.0005		
10/9/2020		<0.0005	<0.0005
3/31/2021	0.00056	<0.0005	<0.0005
9/3/2021	0.00061 (J)	<0.0005	<0.0005
3/23/2022	<0.0005	<0.0005	<0.0005
Mean	0.0005111	0.0004778	0.00047
Std. Dev.	8.212E-05	9.681E-05	9.644E-05
Upper Lim.	0.00056	0.0005	0.0005
Lower Lim.	0.00049	7.8E-05	0.00032

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.0025	<0.0025	<0.0025	0.0023 (J)	<0.0025		
3/2/2016						<0.0025	<0.0025
5/4/2016					<0.0025		
5/5/2016	<0.0025	<0.0025	0.0014 (J)	<0.0025		<0.0025	<0.0025
7/7/2016	<0.0025	<0.0025	0.0014 (J)	0.002 (J)		<0.0025	<0.0025
7/8/2016					<0.0025		
9/6/2016	<0.0025						
9/7/2016		<0.0025	0.0019 (J)	0.0029	<0.0025	<0.0025	<0.0025
11/9/2016			0.0023 (J)	0.0025	<0.0025		
11/10/2016	<0.0025	<0.0025				<0.0025	<0.0025
1/11/2017			0.0024 (J)	0.002 (J)	<0.0025		
1/12/2017	<0.0025	<0.0025				<0.0025	<0.0025
3/14/2017			0.0023 (J)	0.0025	<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025					<0.0025
5/18/2017	<0.0025	<0.0025	0.0023 (J)	0.002 (J)	<0.0025	<0.0025	<0.0025
3/14/2018	<0.0025	<0.0025	0.0023 (J)	0.0022 (J)	<0.0025	<0.0025	<0.0025
6/10/2018			0.0022 (J)	0.002 (J)	<0.0025		
6/11/2018	<0.0025	<0.0025				<0.0025	<0.0025
10/18/2018		<0.0025	0.0016 (J)	0.0029	<0.0025	<0.0025	<0.0025
10/19/2018	<0.0025						
3/1/2019			<0.0025	0.0026	<0.0025	<0.0025	<0.0025
3/2/2019	0.0028	0.0052					
6/3/2019	<0.0025		0.0015 (J)	0.0022 (J)	<0.0025	<0.0025	<0.0025
6/11/2019		0.0011 (J)					
11/7/2019		0.00028 (J)	<0.0025			<0.0025	0.00042 (J)
11/9/2019	0.00037 (J)			0.0022 (J)	<0.0025		
4/17/2020		0.00026 (J)			<0.0025	<0.0025	0.0004 (J)
4/18/2020	<0.0025		0.0016	0.0029			
10/8/2020	<0.0025	<0.0025	0.0031	0.0028	0.0019 (J)		
10/9/2020						<0.0025	0.0016 (J)
3/30/2021	<0.0025	<0.0025		0.0015	<0.0025		
3/31/2021			<0.0025			0.016	<0.0025
9/3/2021			0.0025	0.0011 (J)	<0.0025	<0.0025	<0.0025
9/7/2021	0.0012 (J)	0.0088					
3/23/2022	0.0063		0.001 (J)	0.00073	0.0044	0.0061	0.0025
3/24/2022		0.003					
Mean	0.002535	0.002692	0.002095	0.002136	0.002568	0.0034	0.002233
Std. Dev.	0.001073	0.001802	0.0005349	0.0006247	0.0004643	0.003161	0.0006745
Upper Lim.	0.0028	0.003	0.002086	0.002502	0.0044	0.0061	0.0025
Lower Lim.	0.0012	0.0011	0.001389	0.00177	0.0019	0.0025	0.0016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.0025	0.001 (J)	0.017	<0.0025	0.0007 (J)		
3/2/2016						0.00075 (J)	0.0047 (J)
5/4/2016					0.001 (J)		
5/5/2016	<0.0025	0.00064 (J)	0.012	<0.0025		0.0042	0.0047
7/7/2016	<0.0025	<0.0025	0.012	<0.0025		0.0043	0.0041
7/8/2016					0.00057 (J)		
9/6/2016	<0.0025						
9/7/2016		0.00044 (J)	0.018	<0.0025	0.00061 (J)	0.0049	0.0047
11/9/2016			0.022	<0.0025	0.00055 (J)		
11/10/2016	<0.0025	<0.0025				0.004	0.0043
1/11/2017			0.025	<0.0025	0.00045 (J)		
1/12/2017	<0.0025	<0.0025				0.0045	0.0048
3/14/2017			0.019	<0.0025	0.00059 (J)	0.0039	
3/15/2017	<0.0025	<0.0025					0.0066
5/18/2017	<0.0025	<0.0025	0.023	<0.0025	0.00059 (J)	0.005	0.0065
3/14/2018	<0.0025	<0.0025	0.014	<0.0025	0.00044 (J)	0.0038	0.012
6/10/2018			0.029	<0.0025	0.0004 (J)		
6/11/2018	<0.0025	<0.0025				0.0044	0.0096
10/18/2018		<0.0025	0.016	<0.0025	<0.0025	0.0036	0.025
10/19/2018	<0.0025						
3/1/2019			0.009	<0.0025	<0.0025	0.0052	0.02
3/2/2019	<0.0025	0.00041 (J)					
6/3/2019	<0.0025		0.015	<0.0025	<0.0025	0.0071	0.0053
6/11/2019		<0.0025					
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	<0.0025	<0.0025	0.017	<0.0025	<0.0025		
10/9/2020						0.0072	0.015
3/30/2021	<0.0025	<0.0025		<0.0025	<0.0025		
3/31/2021			0.018			0.0023	0.0091
9/3/2021			0.018	<0.0025	<0.0025	0.015	0.0032
9/7/2021	<0.0025	<0.0025					
3/23/2022	0.00088		0.023	0.00017 (J)	0.00099	0.0094	0.013
3/24/2022		0.00026 (J)					
Mean	0.002172	0.001743	0.018	0.002179	0.00119	0.005629	0.009716
Std. Dev.	0.0007892	0.001033	0.005066	0.0007699	0.0009302	0.003174	0.006339
Upper Lim.	0.0025	0.0025	0.02097	0.0025	0.0025	0.007109	0.0125
Lower Lim.	0.00088	0.00041	0.01503	0.00087	0.00044	0.003643	0.005814

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/3/2021			15.1	1.87	0.866	5.26	4.72
9/7/2021	1.47	4.59					
3/23/2022	2.18		16.5	1.79	1.17	3.57	6.71
3/24/2022		4.52					
Mean	1.56	5.742	15.81	3.354	1.061	2.412	6.307
Std. Dev.	0.5182	1.527	4.075	1.345	0.4765	1.13	1.32
Upper Lim.	1.821	6.636	18.2	4.024	1.288	3.074	7.08
Lower Lim.	1.254	4.848	13.43	2.534	0.778	1.751	5.535

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	0.037 (J)	0.46	0.041 (J)		
3/2/2016				<0.1	0.039 (J)
5/5/2016	<0.1	0.27	<0.1	<0.1	<0.1
7/7/2016	<0.1	0.29	<0.1	<0.1	<0.1
9/7/2016	<0.1	0.33	<0.1	<0.1	<0.1
11/9/2016		0.29	<0.1		
11/10/2016	<0.1			<0.1	<0.1
1/11/2017		0.42	<0.1		
1/12/2017	<0.1			<0.1	<0.1
3/14/2017		0.34	<0.1	<0.1	
3/15/2017	<0.1				<0.1
5/18/2017	<0.1	0.47	<0.1	<0.1	<0.1
10/5/2017		0.22	<0.1	<0.1	
10/6/2017	<0.1				<0.1
12/19/2017		0.26 (R)			
3/14/2018	<0.1	0.3	<0.1	<0.1	<0.1
6/10/2018		0.38	<0.1		
6/11/2018	<0.1			<0.1	0.04 (J)
10/18/2018	<0.1	0.26	0.04 (J)	<0.1	0.04 (J)
3/1/2019		0.1	<0.1	<0.1	<0.1
3/2/2019	<0.1				
6/3/2019		0.22	0.04 (J)	<0.1	0.04 (J)
6/11/2019	<0.1				
11/7/2019	<0.1	0.21		<0.1	0.04 (J)
11/9/2019			<0.1		
4/17/2020	<0.1			<0.1	0.04 (J)
4/18/2020		0.3	0.04 (J)		
10/8/2020	0.24	0.26	0.04 (J)		
10/9/2020				<0.1	<0.1
3/30/2021	<0.1		0.04		
3/31/2021		0.34		<0.1	0.04
9/3/2021		0.41	0.07 (J)	0.05 (J)	0.07 (J)
9/7/2021	<0.1				
3/23/2022		0.3	<0.1	<0.1	<0.1
3/24/2022	<0.1				
Mean	0.1039	0.3062	0.08055	0.0975	0.07745
Std. Dev.	0.035	0.08874	0.02792	0.01118	0.02907
Upper Lim.	0.24	0.3551	0.1	0.1	0.1
Lower Lim.	0.037	0.2572	0.041	0.05	0.04

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.00025	<0.00025	0.0018 (J)	<0.00025	<0.00025		
3/2/2016						<0.00025	<0.00025
5/4/2016					<0.00025		
5/5/2016	<0.00025	<0.00025	0.0015	<0.00025		<0.00025	<0.00025
7/7/2016	<0.00025	<0.00025	0.0018	<0.00025		<0.00025	<0.00025
7/8/2016					<0.00025		
9/6/2016	<0.00025						
9/7/2016		<0.00025	0.0024	<0.00025	<0.00025	<0.00025	<0.00025
11/9/2016			0.0023	<0.00025	<0.00025		
11/10/2016	<0.00025	<0.00025				<0.00025	<0.00025
1/11/2017			0.0027	<0.00025	<0.00025		
1/12/2017	<0.00025	<0.00025				<0.00025	<0.00025
3/14/2017			0.0024	<0.00025	<0.00025	<0.00025	
3/15/2017	<0.00025	<0.00025					<0.00025
5/18/2017	<0.00025	<0.00025	0.0029	<0.00025	<0.00025	<0.00025	<0.00025
3/14/2018	<0.00025	<0.00025	0.0023	<0.00025	<0.00025	<0.00025	<0.00025
6/10/2018			0.0024	<0.00025	<0.00025		
6/11/2018	<0.00025	<0.00025				<0.00025	<0.00025
10/18/2018		<0.00025	0.002	<0.00025	0.00039 (J)	<0.00025	<0.00025
10/19/2018	<0.00025						
3/1/2019			0.0012 (J)	<0.00025	<0.00025	<0.00025	<0.00025
3/2/2019	<0.00025	<0.00025					
6/3/2019	<0.00025		0.0018	0.00091 (J)	<0.00025	0.00067 (J)	0.00037 (J)
6/11/2019		<0.00025					
11/7/2019		0.00011 (J)	0.002			9.4E-05 (J)	0.0003 (J)
11/9/2019	0.00014 (J)			0.00012 (J)	<0.00025		
4/17/2020		<0.00025			<0.00025	0.00011 (J)	0.00033
4/18/2020	0.00018 (J)		0.0024	<0.00025			
10/8/2020	<0.00025	<0.00025	0.0019	<0.00025	<0.00025		
10/9/2020						0.0012 (J)	0.0003 (J)
3/30/2021	<0.00025	<0.00025		<0.00025	<0.00025		
3/31/2021			0.0022			<0.00025	0.0004
9/3/2021			0.002	<0.00025	<0.00025	<0.00025	<0.00025
9/7/2021	<0.00025	<0.00025					
3/23/2022	<0.00025		0.0018	<0.00025	<0.00025	<0.00025	<0.00025
3/24/2022		<0.00025					
Mean	0.0002405	0.0002426	0.002095	0.0002779	0.0002574	0.0003065	0.0002737
Std. Dev.	2.915E-05	3.212E-05	0.0004116	0.0001559	3.212E-05	0.0002429	4.573E-05
Upper Lim.	0.00025	0.00025	0.002336	0.00091	0.00039	0.00067	0.0003
Lower Lim.	0.00018	0.00011	0.001854	0.00012	0.00025	0.00011	0.00025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.001	<0.001	0.057	<0.001	<0.001		
3/2/2016						0.0095 (J)	0.0082 (J)
5/4/2016					<0.001		
5/5/2016	<0.001	<0.001	0.044	<0.001		0.0059	0.0072
7/7/2016	<0.001	<0.001	0.04	<0.001		0.006	0.0092
7/8/2016					<0.001		
9/6/2016	<0.001						
9/7/2016		<0.001	0.033	<0.001	0.0073	0.0049 (J)	0.0069
11/9/2016			0.035	<0.001	<0.001		
11/10/2016	<0.001	<0.001				0.0055	0.0045 (J)
1/11/2017			0.028	<0.001	<0.001		
1/12/2017	<0.001	<0.001				0.0045 (J)	0.0073
3/14/2017			0.037	<0.001	0.0035 (J)	0.0069	
3/15/2017	<0.001	0.0038 (J)					0.012
5/18/2017	<0.001	<0.001	0.024	<0.001	<0.001	0.0055	0.0084
3/14/2018	<0.001	0.002 (J)	0.028	<0.001	<0.001	0.0059	0.012
6/10/2018			0.019	<0.001	<0.001		
6/11/2018	<0.001	0.0015 (J)				0.0042 (J)	0.009
10/18/2018		0.0017 (J)	0.022	<0.001	0.0012 (J)	0.0062	0.011
10/19/2018	0.0012 (J)						
3/1/2019			0.017	<0.001	0.0012 (J)	0.0054	0.0077
3/2/2019	0.0014 (J)	0.0011 (J)					
6/3/2019	<0.001		0.017	<0.001	<0.001	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)			<0.001	0.00068 (J)		
4/17/2020		0.0021			0.00043 (J)	0.0076	0.0092
4/18/2020	<0.001		0.017	0.00039 (J)			
10/8/2020	<0.001	<0.001	0.017	<0.001	<0.001		
10/9/2020						0.0053	0.011
3/30/2021	<0.001	0.002		<0.001	<0.001		
3/31/2021			0.015			0.0059	0.017
9/3/2021			0.021	<0.001	<0.001	0.0067	0.092
9/7/2021	<0.001	0.0027 (J)					
3/23/2022	<0.001		0.02	<0.001	<0.001	0.0062	0.011
3/24/2022		0.00099 (J)					
Mean	0.001026	0.001545	0.02684	0.0009679	0.001437	0.005932	0.01399
Std. Dev.	0.0001046	0.000792	0.01143	0.0001399	0.001542	0.001183	0.0191
Upper Lim.	0.0012	0.0021	0.03197	0.001	0.0012	0.006557	0.012
Lower Lim.	0.0009	0.001	0.01998	0.00039	0.00068	0.005241	0.0073

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-106	MW-109	MW-110
3/1/2016	<0.0002	<0.0002	0.00089	<0.0002		
3/2/2016					<0.0002	0.007
5/4/2016				<0.0002		
5/5/2016	<0.0002	<0.0002	0.00054		<0.0002	0.006
7/7/2016	<0.0002	<0.0002 (*)	0.00066 (V)		<0.0002 (*)	0.0053
7/8/2016				<0.0002 (*)		
9/6/2016	<0.0002					
9/7/2016		<0.0002	0.0016	<0.0002	<0.0002	0.0067
11/9/2016			0.0015	<0.0002		
11/10/2016	<0.0002	<0.0002			<0.0002	0.00014 (J)
1/11/2017			0.0025	<0.0002		
1/12/2017	<0.0002	<0.0002			<0.0002	0.0052
3/14/2017			0.0012	<0.0002	<0.0002	
3/15/2017	<0.0002	<0.0002 (*)				0.0048
5/18/2017	<0.0002	<0.0002	0.0014	<0.0002	<0.0002	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	<0.0002		
6/11/2018	<0.0002	<0.0002			<0.0002	0.0042
10/18/2018		<0.0002	0.00087	<0.0002	<0.0002	0.0034
10/19/2018	9.4E-05 (J)					
3/1/2019			0.00077	<0.0002	<0.0002	0.0041
3/2/2019	<0.0002	<0.0002				
6/3/2019	<0.0002		0.00054	<0.0002	<0.0002	0.0025
6/11/2019		<0.0002				
11/7/2019		<0.0002	0.00053		0.0012	0.0034
11/9/2019	<0.0002			<0.0002		
4/17/2020		0.00062		<0.0002	0.0032	0.0063
4/18/2020	<0.0002		0.00069			
10/8/2020	<0.0002	0.00016 (J)	0.00087	<0.0002		
10/9/2020					0.0014	0.0049
3/30/2021	<0.0002	<0.0002		<0.0002		
3/31/2021			0.00072		0.00035	0.0055
9/3/2021			0.00048	<0.0002	0.0012	0.0012
9/7/2021	<0.0002	<0.0002				
3/23/2022	<0.0002		0.00032	<0.0002	0.00047	0.0034
3/24/2022		<0.0002				
Mean	0.0001888	0.0002158	0.0009779	0.0001937	0.000543	0.004597
Std. Dev.	3.342E-05	9.991E-05	0.0005263	2.753E-05	0.0007568	0.001928
Upper Lim.	0.0002	0.00062	0.00122	0.0002	0.00047	0.005726
Lower Lim.	9.4E-05	0.00016	0.0006608	8E-05	0.0002	0.003468

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-105	MW-106	MW-109
3/1/2016	<0.015	<0.015	0.004 (J)	<0.015	
3/2/2016					<0.015
5/4/2016				<0.015	
5/5/2016	<0.015	<0.015	0.0093 (J)		<0.015
7/7/2016	<0.015	<0.015	0.0047 (J)		<0.015
7/8/2016				<0.015	
9/6/2016	<0.015				
9/7/2016		<0.015	0.004 (J)	<0.015	<0.015
11/9/2016			0.0037 (J)	<0.015	
11/10/2016	<0.015	<0.015			<0.015
1/11/2017			0.0052 (J)	<0.015	
1/12/2017	<0.015	<0.015			<0.015
3/14/2017			0.004 (J)	<0.015	<0.015
3/15/2017	<0.015	<0.015			
5/18/2017	<0.015	<0.015	0.0043 (J)	<0.015	<0.015
3/14/2018	<0.015	<0.015	0.0054 (J)	<0.015	<0.015
6/10/2018			0.0035 (J)	<0.015	
6/11/2018	<0.015	<0.015			<0.015
10/18/2018		<0.015	0.0032 (J)	<0.015	<0.015
10/19/2018	<0.015				
3/1/2019			0.0047 (J)	<0.015	<0.015
3/2/2019	<0.015	<0.015			
6/3/2019	<0.015		0.0033 (J)	<0.015	<0.015
6/11/2019		<0.015			
11/7/2019		<0.015			<0.015
11/9/2019	<0.015		0.0025 (J)	<0.015	
4/17/2020		<0.015		<0.015	<0.015
4/18/2020	<0.015		0.003		
10/8/2020	<0.015	<0.015	<0.015	<0.015	
10/9/2020					<0.015
3/30/2021	<0.015	<0.015	0.005	<0.015	
3/31/2021					<0.015
9/3/2021			0.0057 (J)	<0.015	<0.015
9/7/2021	<0.015	<0.015			
3/23/2022	0.00091 (J)		0.0089	0.00068 (J)	0.0009 (J)
3/24/2022		0.00092 (J)			
Mean	0.01426	0.01426	0.004837	0.01425	0.01426
Std. Dev.	0.003232	0.00323	0.001887	0.003285	0.003235
Upper Lim.	0.015	0.015	0.005757	0.015	0.015
Lower Lim.	0.00091	0.00092	0.003722	0.00068	0.0009

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.00025	0.0028 (J)	0.0054 (J)	<0.00025		
3/2/2016					<0.00025	0.0025 (J)
5/5/2016	0.00029 (J)	0.0026	0.0038	0.0003 (J)	<0.00025	0.0033
7/7/2016	<0.00025 (*)	0.0025	0.0043	<0.00025	<0.00025	0.0031
9/6/2016	<0.00025					
9/7/2016		0.0031	0.0099	0.00026 (J)	<0.00025	0.0034
11/9/2016			0.012	0.00038 (J)		
11/10/2016	<0.00025	0.0028			<0.00025	0.0038
1/11/2017			0.022	<0.00025		
1/12/2017	<0.00025	0.0028			<0.00025	0.0034
3/14/2017			0.011	<0.00025	<0.00025	
3/15/2017	<0.00025	0.0027				0.0032
5/18/2017	<0.00025	0.0036	0.018	<0.00025	<0.00025	0.0034
3/14/2018	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.00025	0.0038
6/10/2018			0.015	0.00043 (J)		
6/11/2018	0.00028 (J)	0.003			<0.00025	0.0037
10/18/2018		0.0016	0.0049	<0.00025	<0.00025	0.0033
10/19/2018	<0.00025					
3/1/2019			0.0026	<0.00025	<0.00025	0.0033
3/2/2019	<0.00025	<0.00025				
6/3/2019	<0.00025		0.0039	<0.00025	<0.00025	0.0035
6/11/2019		0.0014				
11/7/2019		0.002	0.0085		0.00024 (J)	0.0034
11/9/2019	<0.00025			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	<0.00025	0.0014	0.0045	<0.00025		
10/9/2020					<0.00025	0.0031
3/30/2021	<0.00025	0.0019		<0.00025		
3/31/2021			0.011		<0.00025	0.0046
9/3/2021			0.0054	<0.00025	<0.00025	0.0035
9/7/2021	<0.00025	0.0014				
3/23/2022	0.00025		0.0067	0.00023 (J)	0.00035	0.0034
3/24/2022		0.0014				
Mean	0.00029	0.002238	0.008579	0.0003032	0.0002521	0.003453
Std. Dev.	0.0001729	0.0008602	0.005251	9.696E-05	2.637E-05	0.0004168
Upper Lim.	0.00028	0.002742	0.01092	0.0004	0.00035	0.003697
Lower Lim.	0.00025	0.001734	0.005381	0.00025	0.00024	0.003209

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 11:13 AM View: 100 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.0001	<0.0001	0.00043 (J)	<0.0001		
3/2/2016					<0.0001	0.00018 (J)
5/5/2016	<0.0001	<0.0001	0.0003 (J)	<0.0001	<0.0001	0.00024 (J)
7/7/2016	<0.0001	<0.0001	0.00028 (J)	<0.0001	<0.0001	0.00025 (J)
9/6/2016	<0.0001					
9/7/2016		<0.0001	0.00028 (J)	<0.0001	<0.0001	0.00023 (J)
11/9/2016			0.0003 (J)	<0.0001		
11/10/2016	<0.0001	<0.0001			<0.0001	0.0002 (J)
1/11/2017			0.00032 (J)	<0.0001		
1/12/2017	<0.0001	<0.0001			<0.0001	0.00026 (J)
3/14/2017			0.00032 (J)	<0.0001	<0.0001	
3/15/2017	<0.0001	<0.0001				0.0003 (J)
5/18/2017	<0.0001	<0.0001	0.0004 (J)	<0.0001	<0.0001	0.00028 (J)
3/14/2018	<0.0001	<0.0001	0.00021 (J)	<0.0001	<0.0001	0.00029 (J)
6/10/2018			0.00033 (J)	<0.0001		
6/11/2018	<0.0001	<0.0001			<0.0001	0.00029 (J)
10/18/2018		<0.0001	0.00021 (J)	<0.0001	<0.0001	0.00031 (J)
10/19/2018	<0.0001					
3/1/2019			0.00013 (J)	<0.0001	<0.0001	0.0003 (J)
3/2/2019	<0.0001	<0.0001				
6/3/2019	<0.0001		0.00016 (J)	<0.0001	<0.0001	0.0002 (J)
6/11/2019		<0.0001				
11/7/2019		2.6E-05 (J)	0.00025		<0.0001	0.00024 (J)
11/9/2019	0.00021 (J)			0.00024 (J)		
4/17/2020		<0.0001			<0.0001	0.00031
4/18/2020	<0.0001		0.00033	<0.0001		
10/8/2020	<0.0001	0.00015 (J)	0.00034 (J)	<0.0001		
10/9/2020					0.00012 (J)	0.00037 (J)
3/30/2021	<0.0001	<0.0001		<0.0001		
3/31/2021			0.00031		<0.0001	0.00028
9/3/2021			0.00037 (J)	0.00012 (J)	<0.0001	0.00022 (J)
9/7/2021	<0.0001	<0.0001				
3/23/2022	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
3/24/2022		<0.0001				
Mean	0.0001058	9.874E-05	0.00028	0.0001084	0.0001011	0.0002526
Std. Dev.	2.524E-05	2.101E-05	9.399E-05	3.219E-05	4.588E-06	6.789E-05
Upper Lim.	0.00021	0.00015	0.000335	0.00012	0.00012	0.0002927
Lower Lim.	0.0001	2.6E-05	0.000225	0.0001	0.0001	0.0002252

ND substitution: RL or RL/2 if <15% NDs.

200 Series

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**14.61**	**6.823**	**5**	**Yes**	**19**	**11.37**	**7.023**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**19**	**12.62**	**7.574**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**7.14**	**5**	**Yes**	**19**	**19.23**	**12.32**	**0**	**None**	**No**	**0.01**	**NP (normality)**

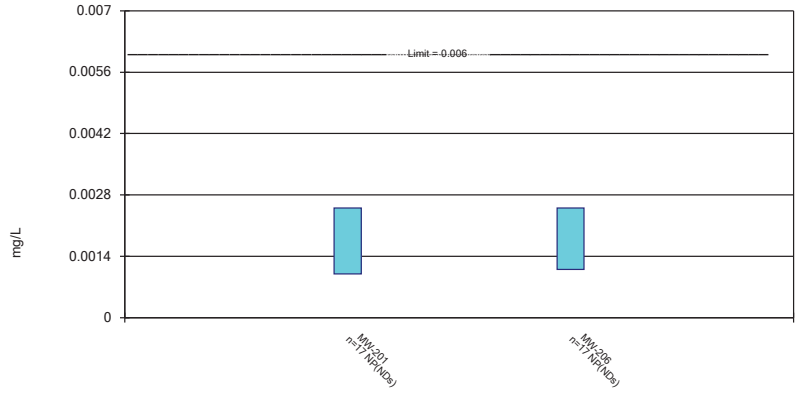
Confidence Interval Summary Table - 200 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	17	0.002324	0.0004982	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	17	0.002418	0.0003395	94.12	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.001701	0.0004671	0.01	No	19	0.001692	0.001803	26.32	Kaplan-Meier	ln(x)	0.01	Param.
Arsenic (mg/L)	MW-201	0.0043	0.00025	0.01	No	19	0.002305	0.003164	47.37	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.008016	0.001701	0.01	No	19	0.005886	0.006388	10.53	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.05948	0.03171	2	No	19	0.0456	0.02371	5.263	None	No	0.01	Param.
Barium (mg/L)	MW-201	0.06439	0.03793	2	No	19	0.05116	0.0226	0	None	No	0.01	Param.
Barium (mg/L)	MW-206	0.1003	0.05627	2	No	19	0.07827	0.03757	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	19	0.002371	0.0005632	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	19	0.002372	0.0005577	94.74	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00055	0.004	No	19	0.002052	0.0008958	78.95	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.0025	0.00091	0.005	No	18	0.002012	0.0008246	72.22	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-201	0.013	0.0015	0.005	No	19	0.005592	0.005545	5.263	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-206	0.002114	0.0008688	0.005	No	19	0.001648	0.001055	10.53	None	x^(1/3)	0.01	Param.
Chromium (mg/L)	MW-201	0.0011	0.0005	0.1	No	16	0.0007125	0.0004884	81.25	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0005	0.1	No	16	0.0006313	0.000525	93.75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0019	0.0005	0.006	No	19	0.001203	0.0007407	26.32	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-201	0.00262	0.00119	0.006	No	19	0.002028	0.001355	5.263	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004306	0.002112	0.006	No	19	0.003209	0.001874	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**14.61**	**6.823**	**5**	**Yes**	**19**	**11.37**	**7.023**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**22.1**	**6.95**	**5**	**Yes**	**19**	**12.62**	**7.574**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**35.4**	**7.14**	**5**	**Yes**	**19**	**19.23**	**12.32**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Fluoride (mg/L)	MW-200	0.1	0.06	4	No	20	0.08995	0.05439	25	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.7106	0.4599	4	No	21	0.5852	0.2272	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.07724	0.05102	4	No	21	0.06557	0.02511	9.524	None	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001053	0.0004504	0.015	No	19	0.0008474	0.0005669	21.05	Kaplan-Meier	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-201	0.0005	0.00025	0.015	No	19	0.0003442	0.0001435	63.16	Kaplan-Meier	No	0.01	NP (NDs)
Lead (mg/L)	MW-206	0.0092	0.00076	0.015	No	19	0.004816	0.004153	5.263	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	19	0.004795	0.001694	78.95	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0069	0.0033	0.04	No	19	0.006474	0.007101	15.79	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0029	0.04	No	19	0.0045	0.001226	84.21	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.002022	0.000791	0.002	No	19	0.001406	0.001051	10.53	None	No	0.01	Param.
Mercury (mg/L)	MW-201	0.0026	0.00016	0.002	No	19	0.001174	0.001059	10.53	None	No	0.01	NP (normality)
Mercury (mg/L)	MW-206	0.00064	0.00016	0.002	No	19	0.0003384	0.0002529	36.84	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-200	0.0078	0.003	0.1	No	17	0.003282	0.001164	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.003	0.0015	0.1	No	17	0.002912	0.0003638	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.003	0.00092	0.1	No	17	0.002878	0.0005045	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01089	0.004113	0.05	No	19	0.008217	0.005884	5.263	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.01004	0.00398	0.05	No	19	0.007832	0.005536	0	None	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-206	0.01748	0.01109	0.05	No	19	0.01428	0.005454	0	None	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0004	0.0001	0.002	No	19	0.000202	0.0001508	36.84	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.0003803	0.0001744	0.002	No	19	0.0002774	0.0001758	10.53	None	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0006725	0.0002658	0.002	No	19	0.00051	0.0003354	10.53	None	sqrt(x)	0.01	Param.

Non-Parametric Confidence Interval

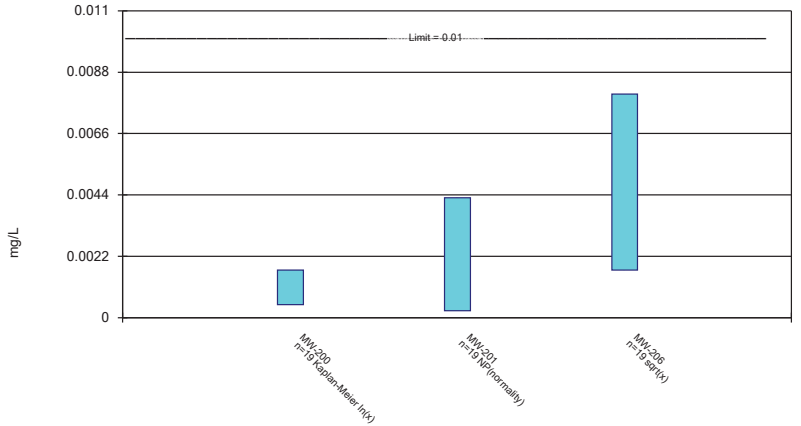
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 1/12/2023 12:36 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

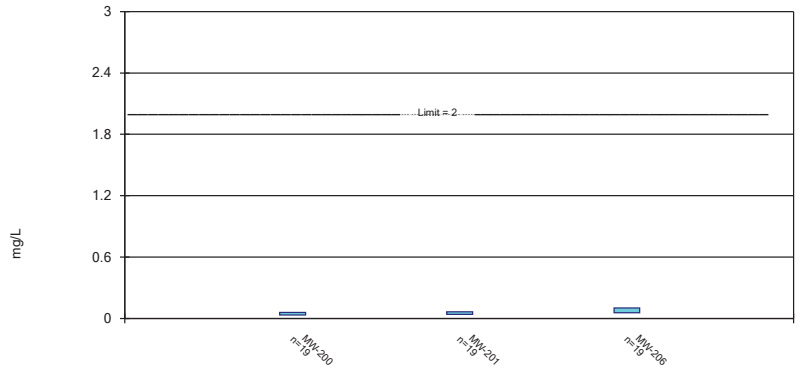
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/12/2023 12:36 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric Confidence Interval

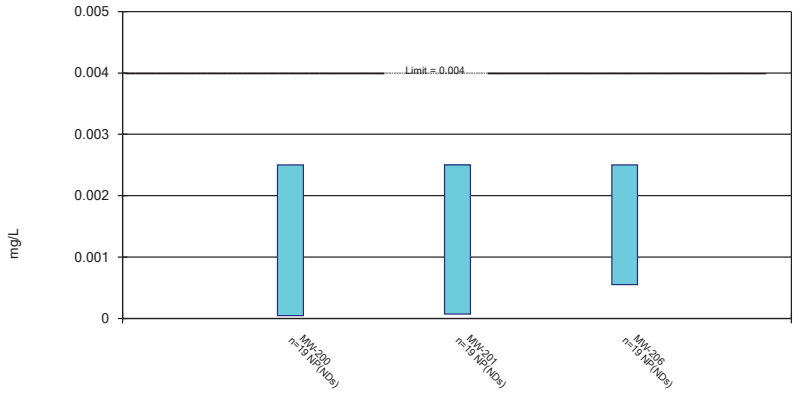
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/12/2023 12:36 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

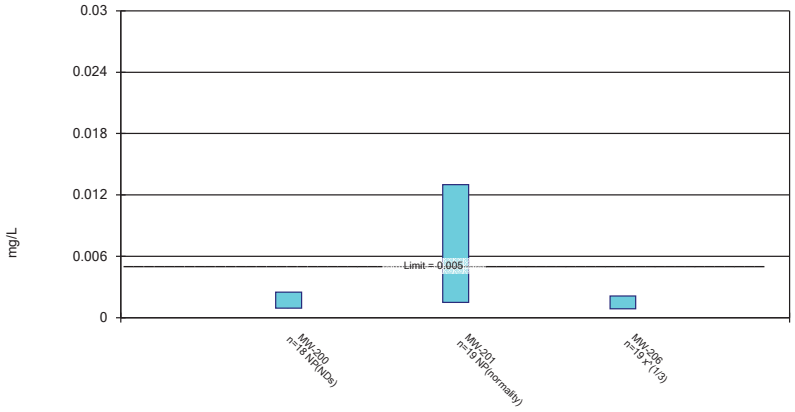


Constituent: Beryllium Analysis Run 1/12/2023 12:36 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 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.

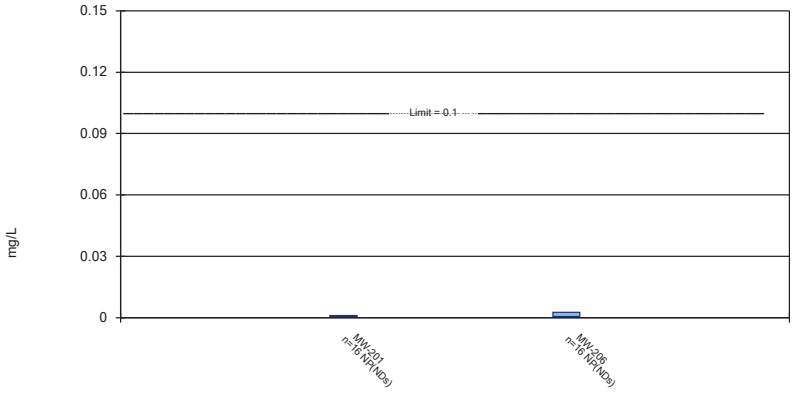


Constituent: Cadmium Analysis Run 1/12/2023 12:36 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

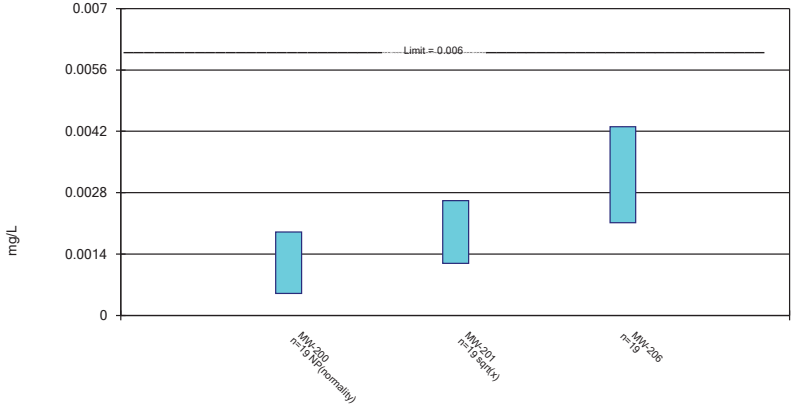


Constituent: Chromium Analysis Run 1/12/2023 12:36 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 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.

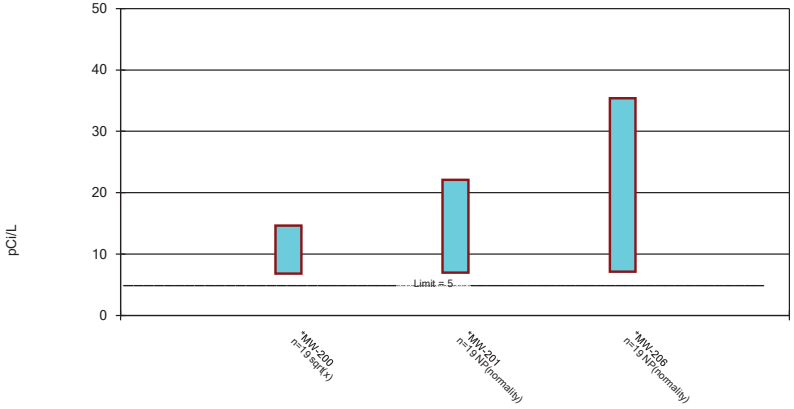


Constituent: Cobalt Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

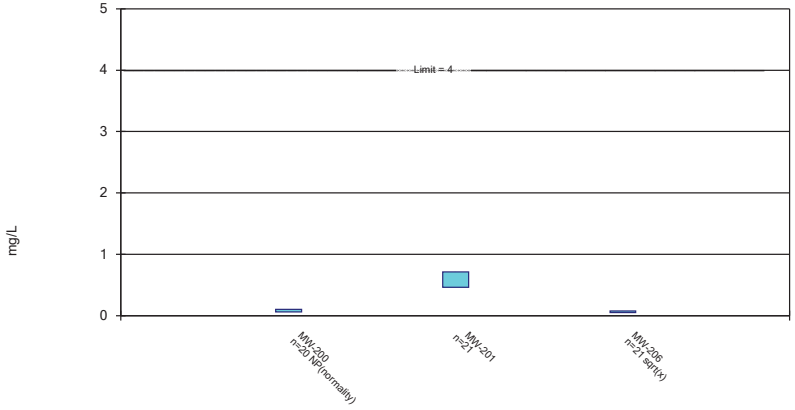
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confiden
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

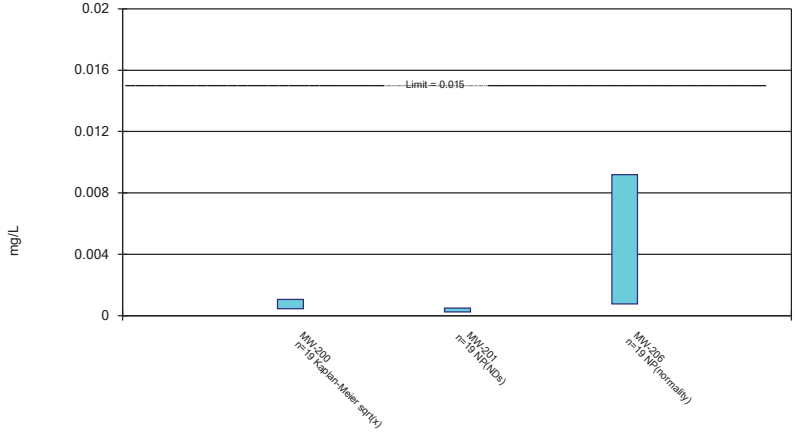
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

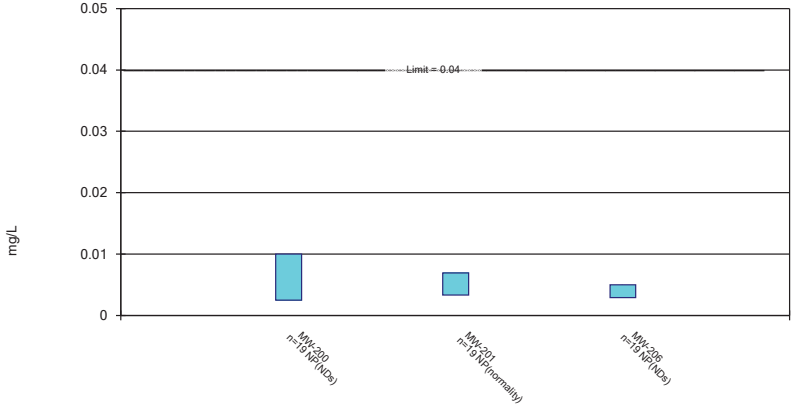
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Non-Parametric Confidence Interval

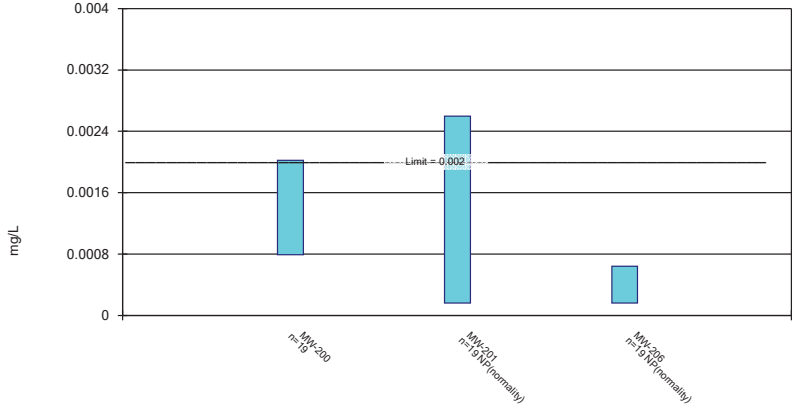
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lithium Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

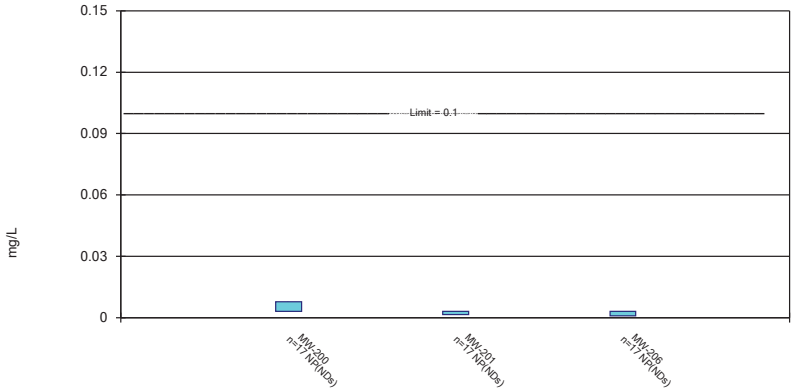
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Mercury Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

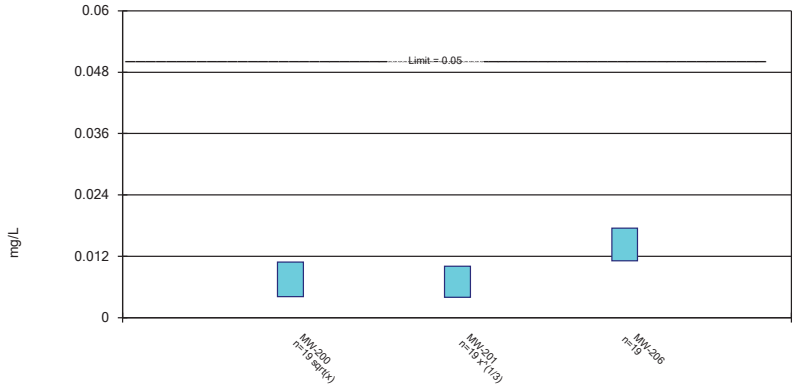


Constituent: Molybdenum Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

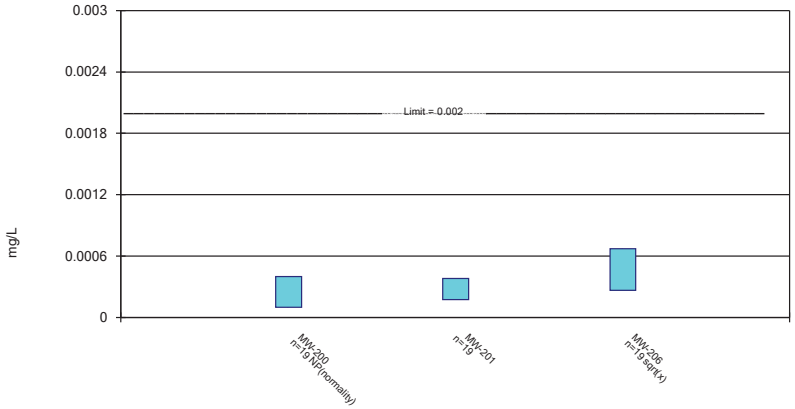


Constituent: Selenium Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206
3/2/2016	<0.0025	<0.0025
5/3/2016		<0.0025
5/4/2016	0.001 (J)	
7/5/2016		<0.0025
7/6/2016	<0.0025	
9/8/2016	<0.0025	<0.0025
11/8/2016	<0.0025	
11/9/2016		<0.0025
1/12/2017		<0.0025
1/13/2017	<0.0025	
3/16/2017	<0.0025	
3/17/2017		<0.0025
5/17/2017	<0.0025	<0.0025
3/14/2018	<0.0025	0.0011 (J)
6/8/2018		<0.0025
6/9/2018	<0.0025	
10/17/2018		<0.0025
11/14/2018	0.001 (J)	
2/28/2019		<0.0025
3/5/2019	<0.0025	
4/18/2020		<0.0025
4/22/2020	<0.0025	
10/12/2020	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025
Mean	0.002324	0.002418
Std. Dev.	0.0004982	0.0003395
Upper Lim.	0.0025	0.0025
Lower Lim.	0.001	0.0011

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.00025		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		<0.00025	
2/28/2019	0.00067 (J)		0.00089 (J)
3/5/2019		<0.00025	
6/4/2019	0.00048 (J)	<0.00025	0.001 (J)
11/12/2019	0.0011 (J)	<0.00025	0.0022 (V)
4/18/2020	0.00044		0.00086
4/22/2020		<0.00025	
10/12/2020	<0.00025	<0.00025	0.0017
4/1/2021	<0.00025	<0.00025	0.00064
9/8/2021	<0.00025	<0.00025	<0.00025
3/25/2022	<0.00025	<0.00025	<0.00025
Mean	0.001692	0.002305	0.005886
Std. Dev.	0.001803	0.003164	0.006388
Upper Lim.	0.001701	0.0043	0.008016
Lower Lim.	0.0004671	0.00025	0.001701

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	0.026	0.049	0.039
3/25/2022	<0.0005	0.041	0.038
Mean	0.0456	0.05116	0.07827
Std. Dev.	0.02371	0.0226	0.03757
Upper Lim.	0.05948	0.06439	0.1003
Lower Lim.	0.03171	0.03793	0.05627

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	<0.0025	<0.0025	0.00055 (J)
5/3/2016	<0.0025		<0.0025
5/4/2016		<0.0025	
7/5/2016	<0.0025		0.00048 (J)
7/6/2016		<0.0025	
9/8/2016	<0.0025	<0.0025	<0.0025
11/8/2016		<0.0025	
11/9/2016	<0.0025		<0.0025
1/12/2017	<0.0025		<0.0025
1/13/2017		<0.0025	
3/16/2017		<0.0025	
3/17/2017	<0.0025		0.00042 (J)
5/16/2017	<0.0025		
5/17/2017		<0.0025	<0.0025
3/13/2018	<0.0025		
3/14/2018		<0.0025	<0.0025
6/8/2018	<0.0025		<0.0025
6/9/2018		<0.0025	
10/17/2018			<0.0025
11/13/2018	<0.0025 (J3)		
11/14/2018		<0.0025 (J3)	
2/28/2019	<0.0025		<0.0025
3/5/2019		<0.0025	
6/4/2019	<0.0025	<0.0025	<0.0025
11/12/2019	<0.0025	<0.0025	<0.0025
4/18/2020	4.5E-05 (J)		4.1E-05 (J)
4/22/2020		6.9E-05 (J)	
10/12/2020	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025	<0.0025
Mean	0.002371	0.002372	0.002052
Std. Dev.	0.0005632	0.0005577	0.0008958
Upper Lim.	0.0025	0.0025	0.0025
Lower Lim.	4.5E-05	6.9E-05	0.00055

ND substitution: RL or RL/2 if <15% NDs. Substitution method for trace values of the form <PQL(J): PQL.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	0.0006 (J)	0.0013 (J)	0.00044 (J)
3/25/2022	<0.0025	0.0017 (J)	<0.0025
Mean	0.002012	0.005592	0.001648
Std. Dev.	0.0008246	0.005545	0.001055
Upper Lim.	0.0025	0.013	0.002114
Lower Lim.	0.00091	0.0015	0.0008688

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206
3/2/2016	<0.0005	0.0026 (J)
5/3/2016		<0.0005
5/4/2016	<0.0005	
7/5/2016		<0.0005
7/6/2016	<0.0005	
9/8/2016	<0.0005	<0.0005
11/8/2016	<0.0005	
11/9/2016		<0.0005
1/12/2017		<0.0005
1/13/2017	<0.0005	
3/16/2017	<0.0005	
3/17/2017		<0.0005
5/17/2017	<0.0005	<0.0005
3/14/2018	<0.0005	<0.0005
6/8/2018		<0.0005
6/9/2018	<0.0005	
2/28/2019		<0.0005
3/5/2019	<0.0005	
4/18/2020		<0.0005
4/22/2020	<0.0005	
10/12/2020	0.0011 (J)	<0.0005
4/1/2021	0.0018	<0.0005
9/8/2021	0.002 (J)	<0.0005
3/25/2022	<0.0005	<0.0005
Mean	0.0007125	0.0006313
Std. Dev.	0.0004884	0.000525
Upper Lim.	0.0011	0.0026
Lower Lim.	0.0005	0.0005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.0005	0.0038 (J)	0.0056 (J)
11/8/2016		0.0035 (J)	
11/9/2016	<0.0005		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	<0.0005	<0.0005	0.00067 (J)
4/18/2020	0.00048 (J)		0.0016
4/22/2020		0.00091	
10/12/2020	<0.0005	0.0014 (J)	0.0019 (J)
4/1/2021	0.0013	0.0012	0.002
9/8/2021	0.00061 (J)	0.00071 (J)	0.0014 (J)
3/25/2022	<0.0005	0.00086 (J)	0.0012 (J)
Mean	0.001203	0.002028	0.003209
Std. Dev.	0.0007407	0.001355	0.001874
Upper Lim.	0.0019	0.00262	0.004306
Lower Lim.	0.0005	0.00119	0.002112

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	4.54	8.42	6.25
3/25/2022	3.81	8.93	6.19
Mean	11.37	12.62	19.23
Std. Dev.	7.023	7.574	12.32
Upper Lim.	14.61	22.1	35.4
Lower Lim.	6.823	6.95	7.14

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	0.049 (J)	0.36	0.048 (J)
3/25/2022	<0.1	0.25	<0.1
Mean	0.08995	0.5852	0.06557
Std. Dev.	0.05439	0.2272	0.02511
Upper Lim.	0.1	0.7106	0.07724
Lower Lim.	0.06	0.4599	0.05102

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	<0.00025	<0.00025	0.011
5/3/2016	0.0015		0.0087
5/4/2016		<0.00025	
7/5/2016	0.0017		0.011
7/6/2016		<0.00025	
9/8/2016	0.0021 (J)	<0.00025	0.0092
11/8/2016		<0.00025	
11/9/2016	<0.00025		0.01
1/12/2017	0.00041 (J)		0.0086
1/13/2017		<0.00025	
3/16/2017		<0.00025	
3/17/2017	0.0011 (J)		0.0082
5/16/2017	0.0011 (J)		
5/17/2017		<0.00025	0.0081
3/13/2018	0.00047 (J)		
3/14/2018		<0.00025	0.004
6/8/2018	0.0013		0.0034
6/9/2018		<0.00025	
10/17/2018			0.0026
11/13/2018	0.0014		
11/14/2018		<0.00025	
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
9/8/2021	<0.00025	0.00034 (J)	0.0004 (J)
3/25/2022	<0.00025	<0.00025	<0.00025
Mean	0.0008474	0.0003442	0.004816
Std. Dev.	0.0005669	0.0001435	0.004153
Upper Lim.	0.001053	0.0005	0.0092
Lower Lim.	0.0004504	0.00025	0.00076

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	0.01 (J)	<0.005	<0.005
5/3/2016	<0.005		<0.005
5/4/2016		0.0069	
7/5/2016	<0.005		<0.005
7/6/2016		0.0086	
9/8/2016	<0.005	0.035	<0.005
11/8/2016		<0.005	
11/9/2016	<0.005		<0.005
1/12/2017	<0.005		<0.005
1/13/2017		0.0078	
3/16/2017		0.0062	
3/17/2017	<0.005		<0.005
5/16/2017	<0.005		
5/17/2017		0.0042 (J)	<0.005
3/13/2018	<0.005		
3/14/2018		0.0053	<0.005
6/8/2018	<0.005		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)		<0.005
3/5/2019		0.0043 (J)	
6/4/2019	0.0012 (J)	0.0044 (J)	<0.005
11/12/2019	<0.005	0.0026 (J)	<0.005
4/18/2020	<0.005		<0.005
4/22/2020		0.0024	
10/12/2020	<0.005	0.0026 (J)	<0.005
4/1/2021	<0.005	0.005	0.0029
9/8/2021	<0.005	0.0033 (J)	<0.005
3/25/2022	<0.005	<0.005	<0.005
Mean	0.004795	0.006474	0.0045
Std. Dev.	0.001694	0.007101	0.001226
Upper Lim.	0.01	0.0069	0.005
Lower Lim.	0.0025	0.0033	0.0029

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.0002
11/12/2019	0.00056	0.00048	<0.0002
4/18/2020	0.00013 (J)		<0.0002
4/22/2020		0.0004	
10/12/2020	0.00017 (J)	0.00026	<0.0002
4/1/2021	0.00025	0.00029	<0.0002
9/8/2021	<0.0002	<0.0002	<0.0002
3/25/2022	<0.0002	<0.0002	<0.0002
Mean	0.001406	0.001174	0.0003384
Std. Dev.	0.001051	0.001059	0.0002529
Upper Lim.	0.002022	0.0026	0.00064
Lower Lim.	0.000791	0.00016	0.00016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	<0.003	<0.003	<0.003
5/3/2016	<0.003		<0.003
5/4/2016		<0.003	
7/5/2016	<0.003		<0.003
7/6/2016		<0.003	
9/8/2016	<0.003	<0.003	<0.003
11/8/2016		<0.003	
11/9/2016	<0.003		<0.003
1/12/2017	<0.003		<0.003
1/13/2017		<0.003	
3/16/2017		0.0015 (J)	
3/17/2017	0.0078 (J)		<0.003
5/16/2017	<0.003		
5/17/2017		<0.003	<0.003
3/13/2018	<0.003		
3/14/2018		<0.003	0.00092 (J)
6/8/2018	<0.003		<0.003
6/9/2018		<0.003	
10/17/2018			<0.003
11/13/2018	<0.003		
11/14/2018		<0.003	
2/28/2019	<0.003		<0.003
3/5/2019		<0.003	
4/18/2020	<0.003		<0.003
4/22/2020		<0.003	
10/12/2020	<0.003	<0.003	<0.003
4/1/2021	<0.003	<0.003	<0.003
9/8/2021	<0.003	<0.003	<0.003
3/25/2022	<0.003	<0.003	<0.003
Mean	0.003282	0.002912	0.002878
Std. Dev.	0.001164	0.0003638	0.0005045
Upper Lim.	0.0078	0.003	0.003
Lower Lim.	0.003	0.0015	0.00092

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	0.0033	0.0046	0.0059
3/25/2022	<0.00025	0.005	0.0069
Mean	0.008217	0.007832	0.01428
Std. Dev.	0.005884	0.005536	0.005454
Upper Lim.	0.01089	0.01004	0.01748
Lower Lim.	0.004113	0.00398	0.01109

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.0001		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	<0.0001		
11/14/2018		0.00015 (J)	
2/28/2019	0.0001 (J)		0.00024 (J)
3/5/2019		0.00016 (J)	
6/4/2019	<0.0001	0.00011 (J)	0.00017 (J)
11/12/2019	<0.0001	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	<0.0001	0.00012	0.0002
9/8/2021	<0.0001	<0.0001	<0.0001
3/25/2022	<0.0001	<0.0001	<0.0001
Mean	0.000202	0.0002774	0.00051
Std. Dev.	0.0001508	0.0001758	0.0003354
Upper Lim.	0.0004	0.0003803	0.0006725
Lower Lim.	0.0001	0.0001744	0.0002658

ND substitution: RL or RL/2 if <15% NDs.

300 Series

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.28**	**5**	**Yes**	**19**	**6.106**	**1.921**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**MW-303**	**1.426**	**0.7566**	**0.1**	**Yes**	**19**	**1.137**	**0.6132**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**

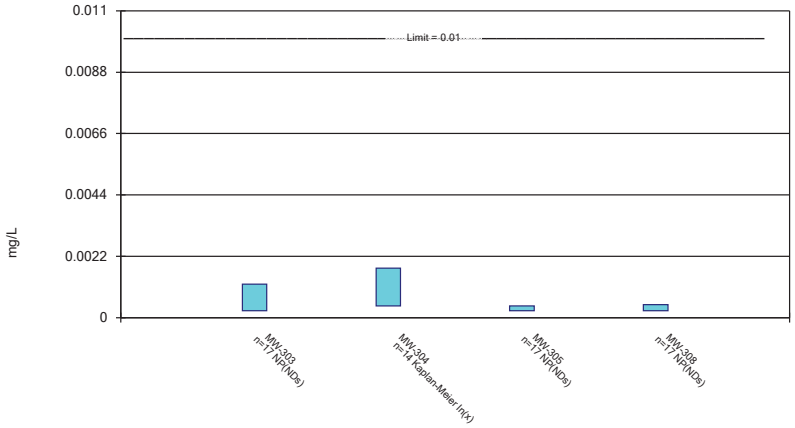
Confidence Interval Summary Table - 300 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0012	0.00025	0.01	No	17	0.0006976	0.0006551	52.94	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-304	0.00177	0.0004221	0.01	No	14	0.001494	0.001734	21.43	Kaplan-Meier	ln(x)	0.01	Param.
Arsenic (mg/L)	MW-305	0.00042	0.00025	0.01	No	17	0.0002924	0.00009801	82.35	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.00046	0.00025	0.01	No	17	0.0004329	0.0005244	82.35	Kaplan-Meier	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.011	2	No	19	0.01137	0.0007609	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04677	0.03047	2	No	19	0.04037	0.01612	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04289	0.02943	2	No	19	0.03616	0.0115	0	None	No	0.01	Param.
Barium (mg/L)	MW-305	0.02	0.016	2	No	19	0.01932	0.005518	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02753	0.02205	2	No	19	0.02479	0.004685	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.0025	0.000074	0.004	No	16	0.002348	0.0006065	93.75	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0025	0.000075	0.005	No	19	0.002372	0.0005563	94.74	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0025	0.00039	0.005	No	19	0.001219	0.001011	36.84	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-304	0.0042	0.001	0.005	No	19	0.002417	0.0006726	84.21	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0025	0.000076	0.005	No	19	0.002372	0.0005561	94.74	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0025	0.000089	0.005	No	19	0.002373	0.0005531	94.74	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0012	0.1	No	16	0.002494	0.0004568	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0014	0.1	No	16	0.00235	0.0004115	87.5	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0021	0.1	No	16	0.002337	0.0003862	75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0025	0.002	0.1	No	16	0.002331	0.0003911	75	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-308	0.0025	0.0022	0.1	No	16	0.002376	0.0004217	87.5	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.0025	0.00093	0.006	No	19	0.00206	0.0008868	78.95	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0025	0.00056	0.006	No	19	0.001504	0.0009754	47.37	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-304	0.05045	0.005293	0.006	No	10	0.04298	0.09059	0	None	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.0025	0.00045	0.006	No	19	0.001326	0.0009623	36.84	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.0025	0.00063	0.006	No	19	0.002299	0.0006008	89.47	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.5	4.795	5	No	19	5.147	0.6016	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.34**	**5.28**	**5**	**Yes**	**19**	**6.106**	**1.921**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Combined Radium 226 + 228 (pCi/L)	MW-304	7.009	4.193	5	No	19	5.601	2.405	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.694	1.233	5	No	19	1.5	0.4681	0	None	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-308	3.016	2.302	5	No	19	2.659	0.6097	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	20	0.09705	0.01319	95	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.249	0.1672	4	No	21	0.2081	0.0742	4.762	None	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.06	4	No	20	0.123	0.1406	45	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	0.1	0.035	4	No	20	0.09335	0.02047	90	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1424	0.089	4	No	21	0.1157	0.04843	0	None	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.00039	0.015	No	16	0.001167	0.0003676	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.00011	0.015	No	16	0.001226	0.0002975	93.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.0014	0.00047	0.015	No	16	0.001006	0.0004235	56.25	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0036	0.04	No	19	0.004276	0.001551	78.95	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.029	0.022	0.04	No	19	0.02516	0.004072	0	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-304	0.005	0.0027	0.04	No	19	0.004463	0.001827	63.16	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-305	0.005	0.0025	0.04	No	19	0.004206	0.001627	78.95	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-308	0.005	0.0021	0.04	No	19	0.004242	0.00152	78.95	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.0002	0.00019	0.002	No	19	0.0001995	0.000002294	94.74	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.0005246	0.0001801	0.002	No	19	0.0004319	0.0003161	26.32	Kaplan-Meier	sqrt(x)	0.01	Param.
Mercury (mg/L)	MW-305	0.0018	0.00014	0.002	No	19	0.0002811	0.0003681	89.47	Kaplan-Meier	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.00042	0.000087	0.002	No	19	0.0002056	0.00005801	89.47	Kaplan-Meier	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.426**	**0.7566**	**0.1**	**Yes**	**19**	**1.137**	**0.6132**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.015	0.0033	0.1	No	19	0.01091	0.005592	63.16	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-305	0.015	0.0016	0.1	No	19	0.01352	0.00443	89.47	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.015	0.002	0.1	No	19	0.01358	0.004263	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.0058	0.003611	0.05	No	19	0.004705	0.001869	0	None	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006396	0.004048	0.05	No	18	0.005222	0.001941	0	None	No	0.01	Param.
Selenium (mg/L)	MW-305	0.00027	0.00025	0.05	No	19	0.0002784	0.0001191	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.005478	0.003543	0.05	No	19	0.004511	0.001653	0	None	No	0.01	Param.
Thallium (mg/L)	MW-303	0.0002444	0.0001858	0.002	No	19	0.0002168	0.00005292	10.53	None	sqrt(x)	0.01	Param.
Thallium (mg/L)	MW-304	0.00029	0.00014	0.002	No	19	0.0002397	0.0001465	21.05	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-308	0.0002911	0.0002257	0.002	No	19	0.0002584	0.0000558	10.53	None	No	0.01	Param.

Parametric and Non-Parametric (NP) Confidence Interval

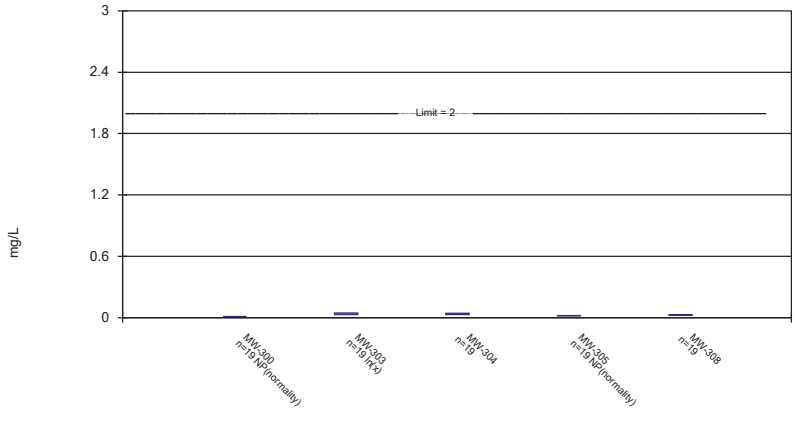
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Parametric and Non-Parametric (NP) Confidence Interval

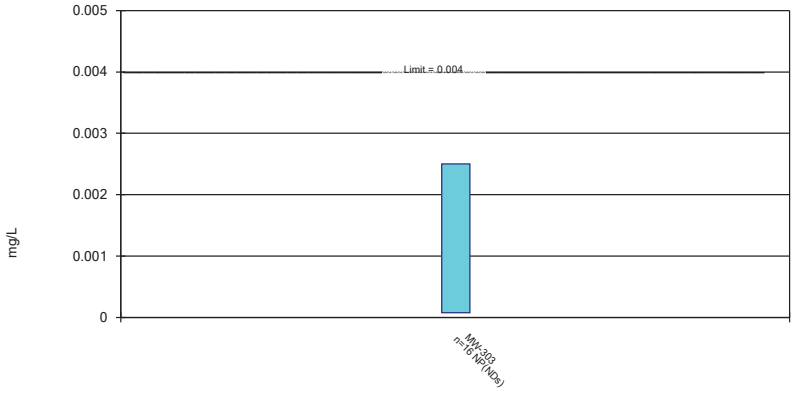
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Non-Parametric Confidence Interval

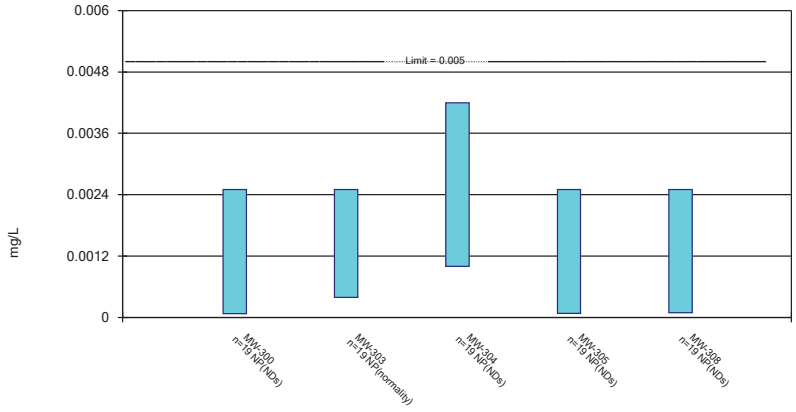
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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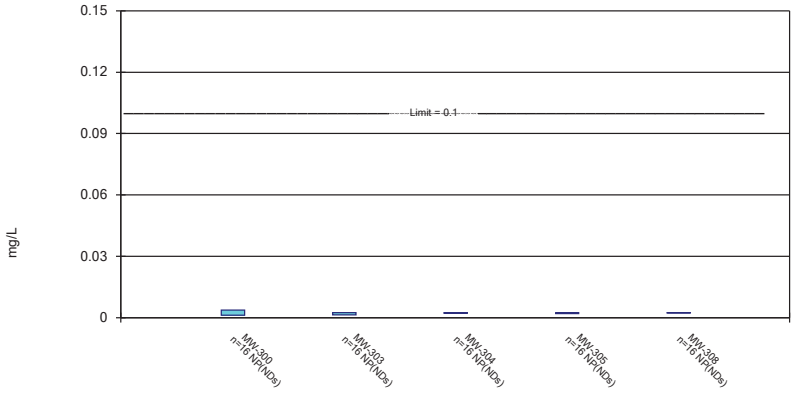
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Chromium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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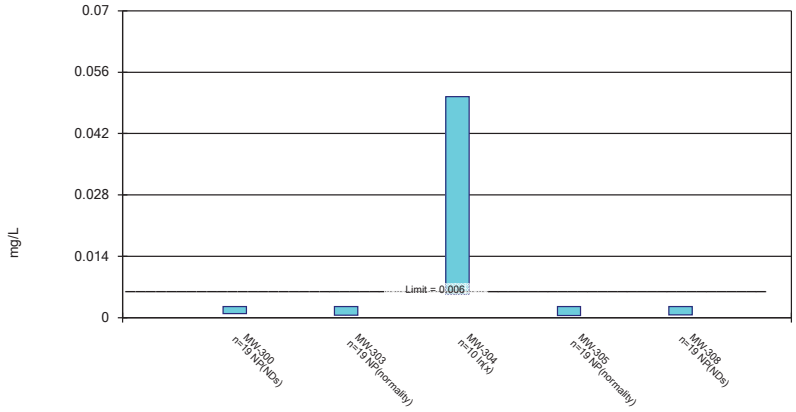
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

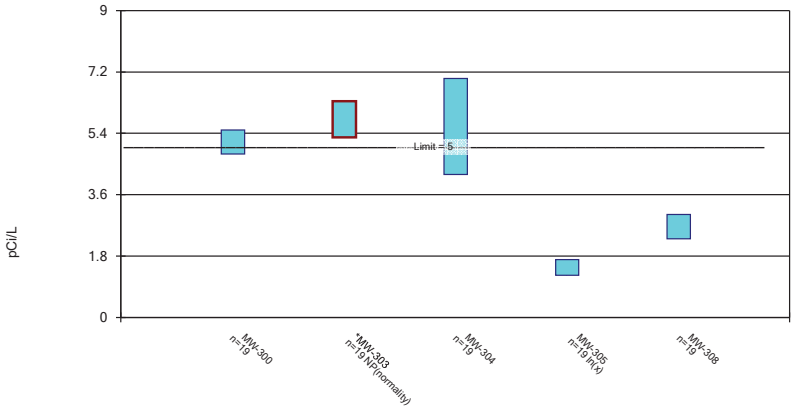


Constituent: Cobalt Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidenc
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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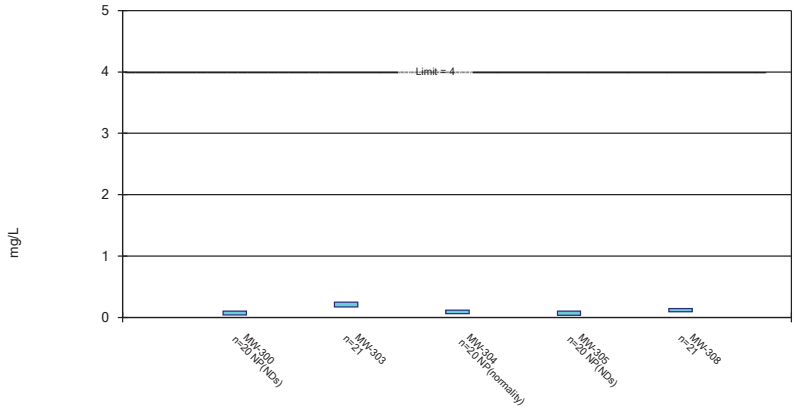
Parametric and Non-Parametric (NP) Confidence Interval

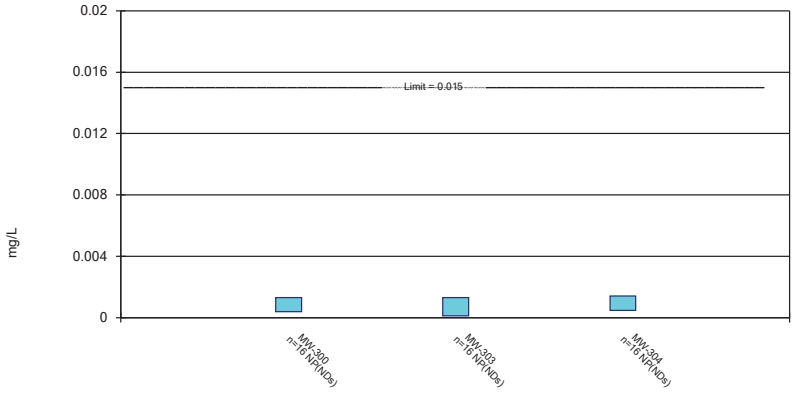
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

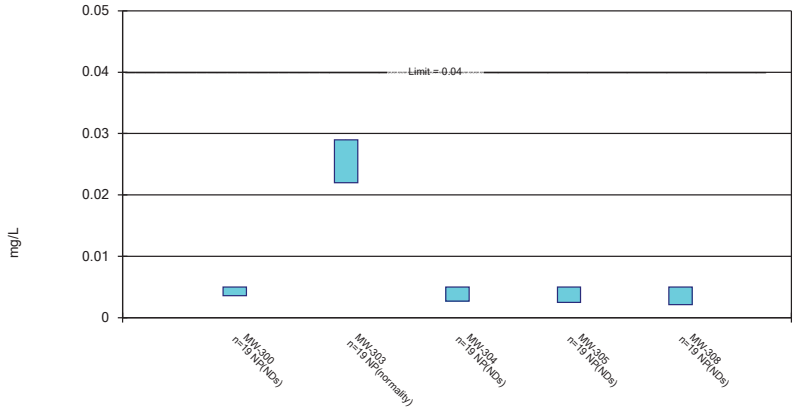


Constituent: Lead Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

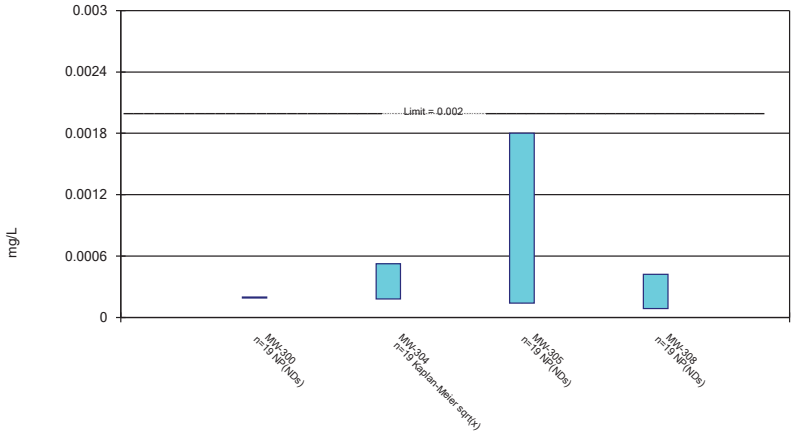


Constituent: Lithium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

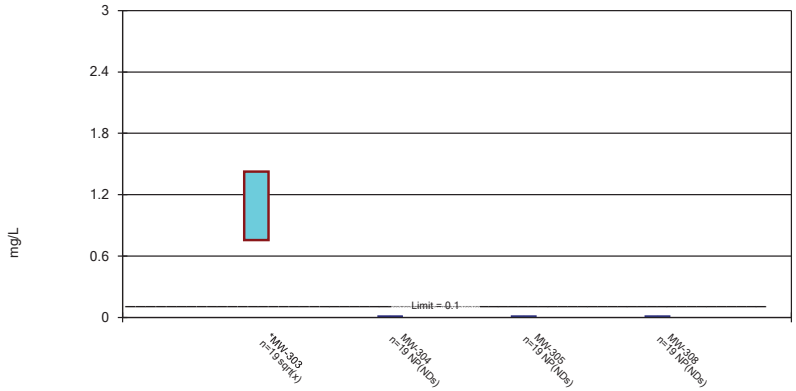


Constituent: Mercury Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

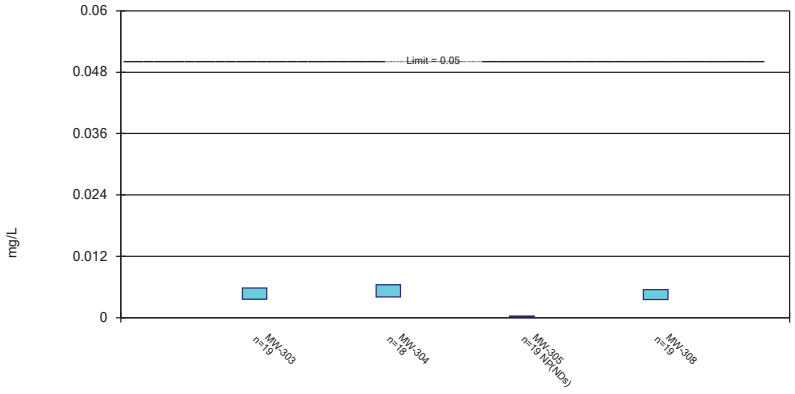
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 1/12/2023 2:01 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL 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.

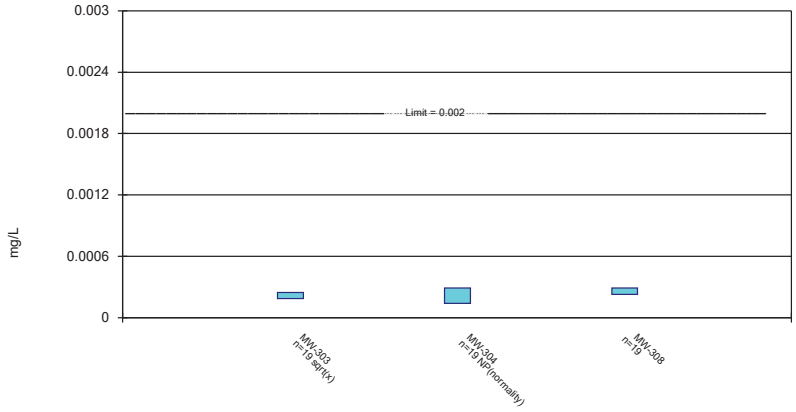


Constituent: Selenium Analysis Run 1/12/2023 2:01 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/12/2023 2:01 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.0018 (J)	0.009 (o)	<0.00025	<0.00025
5/4/2016	0.0024	0.019 (o)	<0.00025	<0.00025
7/6/2016	0.0005 (J)	0.014 (o)		<0.00025
7/7/2016			<0.00025	
9/7/2016		0.005	<0.00025	<0.00025
9/8/2016	<0.00025			
11/7/2016			<0.00025	
11/8/2016	<0.00025	0.0035		<0.00025
1/10/2017	<0.00025	0.0051	<0.00025	<0.00025
3/15/2017		0.00066 (J)	<0.00025	
3/16/2017	0.0015			<0.00025
5/15/2017	0.0012 (J)			
5/16/2017		0.00094 (J)	<0.00025	<0.00025
3/13/2018	0.00082 (J)	0.00086 (J)	<0.00025	<0.00025
6/7/2018	0.0007 (J)	0.00056 (J)	<0.00025	<0.00025
10/17/2018	<0.00025	0.0005 (J)	<0.00025	<0.00025
2/27/2019				<0.00025
2/28/2019	<0.00025	<0.00025	<0.00025	
4/18/2020	<0.00025	0.00053	0.00042	0.00046
10/8/2020	0.00069 (J)			0.0011 (J)
10/9/2020		<0.00025	0.00057 (J)	
4/1/2021	<0.00025	0.00062	0.00048	<0.00025
9/7/2021	<0.00025	<0.00025	<0.00025	<0.00025
3/24/2022	<0.00025	0.0019	<0.00025	0.0023
Mean	0.0006976	0.001494	0.0002924	0.0004329
Std. Dev.	0.0006551	0.001734	9.801E-05	0.0005244
Upper Lim.	0.0012	0.00177	0.00042	0.00046
Lower Lim.	0.00025	0.0004221	0.00025	0.00025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL 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
3/24/2022	0.012	0.047	0.036	0.03	0.024
Mean	0.01137	0.04037	0.03616	0.01932	0.02479
Std. Dev.	0.0007609	0.01612	0.0115	0.005518	0.004685
Upper Lim.	0.012	0.04677	0.04289	0.02	0.02753
Lower Lim.	0.011	0.03047	0.02943	0.016	0.02205

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-303
3/3/2016	<0.0025
5/4/2016	<0.0025
7/6/2016	<0.0025
9/8/2016	<0.0025
11/8/2016	<0.0025
1/10/2017	<0.0025
3/16/2017	<0.0025
5/15/2017	<0.0025
3/13/2018	<0.0025
6/7/2018	<0.0025
2/28/2019	<0.0025
4/18/2020	7.4E-05 (J)
10/8/2020	<0.0025
4/1/2021	<0.0025
9/7/2021	<0.0025
3/24/2022	<0.0025
Mean	0.002348
Std. Dev.	0.0006065
Upper Lim.	0.0025
Lower Lim.	7.4E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/4/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/6/2016		0.00036 (J)	<0.0025		<0.0025
7/7/2016	<0.0025			<0.0025	
9/7/2016	<0.0025		<0.0025	<0.0025	<0.0025
9/8/2016		0.00045 (J)			
11/7/2016				<0.0025	
11/8/2016	<0.0025	0.00065 (J)	<0.0025		<0.0025
1/10/2017	<0.0025	0.00051 (J)	<0.0025	<0.0025	<0.0025
3/15/2017	<0.0025		<0.0025	<0.0025	
3/16/2017		0.00049 (J)			<0.0025
5/15/2017		0.00045 (J)			
5/16/2017	<0.0025		<0.0025	<0.0025	<0.0025
3/13/2018	<0.0025	0.00041 (J)	<0.0025	<0.0025	<0.0025
6/6/2018	<0.0025				
6/7/2018		0.00066 (J)	<0.0025	<0.0025	<0.0025
10/17/2018		0.00072 (J)	<0.0025	<0.0025	<0.0025
10/18/2018	<0.0025				
2/27/2019					<0.0025
2/28/2019	<0.0025	0.00039 (J)	<0.0025	<0.0025	
5/31/2019	<0.0025	0.00034 (J)	<0.0025	<0.0025	<0.0025
11/11/2019	<0.0025	<0.0025	0.001 (J)	<0.0025	<0.0025
4/18/2020	7.5E-05 (J)	0.00024 (J)	0.00073	7.6E-05 (J)	8.9E-05 (J)
10/8/2020		<0.0025			<0.0025
10/9/2020	<0.0025		<0.0025	<0.0025	
3/31/2021	<0.0025				
4/1/2021		<0.0025	<0.0025	<0.0025	<0.0025
9/7/2021	<0.0025	<0.0025	0.0042	<0.0025	<0.0025
3/24/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Mean	0.002372	0.001219	0.002417	0.002372	0.002373
Std. Dev.	0.0005563	0.001011	0.0006726	0.0005561	0.0005531
Upper Lim.	0.0025	0.0025	0.0042	0.0025	0.0025
Lower Lim.	7.5E-05	0.00039	0.001	7.6E-05	8.9E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/4/2016	0.0037	<0.0025	0.0012 (J)	0.0025	<0.0025
7/6/2016		<0.0025	<0.0025		<0.0025
7/7/2016	<0.0025			<0.0025	
9/7/2016	<0.0025		<0.0025	<0.0025	<0.0025
9/8/2016		<0.0025			
11/7/2016				<0.0025	
11/8/2016	<0.0025	<0.0025	<0.0025		<0.0025
1/10/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/15/2017	<0.0025		<0.0025	<0.0025	
3/16/2017		<0.0025			<0.0025
5/15/2017		<0.0025			
5/16/2017	<0.0025		<0.0025	<0.0025	<0.0025
3/13/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/6/2018	<0.0025				
6/7/2018		<0.0025	<0.0025	<0.0025	<0.0025
2/27/2019					<0.0025
2/28/2019	<0.0025	<0.0025	<0.0025	<0.0025	
4/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.00082
10/8/2020		<0.0025			<0.0025
10/9/2020	<0.0025		0.0016 (J)	0.0016 (J)	
3/31/2021	<0.0025				
4/1/2021		0.0014	<0.0025	<0.0025	<0.0025
9/7/2021	0.0012 (J)	0.0012 (J)	0.0025	0.0012 (J)	0.0022 (J)
3/24/2022	<0.0025	<0.0025	0.0021 (J)	0.002	<0.0025
Mean	0.002494	0.00235	0.002337	0.002331	0.002376
Std. Dev.	0.0004568	0.0004115	0.0003862	0.0003911	0.0004217
Upper Lim.	0.0037	0.0025	0.0025	0.0025	0.0025
Lower Lim.	0.0012	0.0014	0.0021	0.002	0.0022

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0025	<0.0025	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		<0.0025	0.15		<0.0025
7/7/2016	<0.0025			0.00044 (J)	
9/7/2016	<0.0025		0.019	0.00052 (J)	<0.0025
9/8/2016		<0.0025			
11/7/2016				0.00046 (J)	
11/8/2016	<0.0025	0.00051 (J)	0.099		<0.0025
1/10/2017	<0.0025	<0.0025	0.077	0.00042 (J)	<0.0025
3/15/2017	<0.0025		0.0042	0.00044 (J)	
3/16/2017		0.0004 (J)			<0.0025
5/15/2017		0.00079 (J)			
5/16/2017	<0.0025		0.0067	<0.0025	<0.0025
3/13/2018	<0.0025	0.00056 (J)	0.015	<0.0025	<0.0025
6/6/2018	<0.0025				
6/7/2018		0.0007 (J)	0.014	<0.0025	<0.0025
10/17/2018		<0.0025	0.012	<0.0025	<0.0025
10/18/2018	<0.0025				
2/27/2019					<0.0025
2/28/2019	<0.0025	0.00059 (J)	0.02	0.00042 (J)	
5/31/2019	<0.0025	0.00073 (J)	0.026	0.00046 (J)	<0.0025
11/11/2019	0.00023 (J)	0.00065 (J)	0.023	0.00063 (J)	<0.0025
4/18/2020	0.00024 (J)	0.00044 (J)	0.015	0.00045 (J)	<0.0025
10/8/2020		<0.0025			<0.0025
10/9/2020	<0.0025		0.0019 (J)	<0.0025	
3/31/2021	<0.0025				
4/1/2021		<0.0025	0.0079	<0.0025	<0.0025
9/7/2021	<0.0025	<0.0025	0.3	<0.0025	<0.0025
3/24/2022	0.00024 (J)	<0.0025	0.01	0.0016	<0.0025
Mean	0.00206	0.001504	0.04298	0.001326	0.002299
Std. Dev.	0.0008868	0.0009754	0.09059	0.0009623	0.0006008
Upper Lim.	0.0025	0.0025	0.05045	0.0025	0.0025
Lower Lim.	0.00093	0.00056	0.005293	0.00045	0.00063

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL 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
3/24/2022	5.39	5.28	6.01	3	3.16
Mean	5.147	6.106	5.601	1.5	2.659
Std. Dev.	0.6016	1.921	2.405	0.4681	0.6097
Upper Lim.	5.5	6.34	7.009	1.694	3.016
Lower Lim.	4.795	5.28	4.193	1.233	2.302

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL 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	<0.1	0.11	0.19	<0.1	0.07 (J)
7/6/2016		0.13	0.15		0.07 (J)
7/7/2016	<0.1			<0.1	
9/7/2016	<0.1		0.06 (J)	<0.1	0.06 (J)
9/8/2016		0.12			
11/7/2016				<0.1	
11/8/2016	<0.1	0.13	0.09 (J)		0.06 (J)
1/10/2017	<0.1	0.15	<0.1	<0.1	0.04 (J)
3/15/2017	<0.1		<0.1	<0.1	
3/16/2017		0.16			0.06 (J)
5/15/2017		0.2			
5/16/2017	<0.1		0.04 (J)	<0.1	0.09 (J)
10/3/2017	<0.1	0.25	0.07 (J)	<0.1	0.13
12/20/2017		0.25			0.1
3/13/2018	<0.1	0.26	<0.1	<0.1	0.1
6/6/2018	<0.1				
6/7/2018		0.28	<0.1	<0.1	0.14
10/17/2018		0.29	0.06 (J)	<0.1	0.14
10/18/2018	<0.1				
2/27/2019					0.16
2/28/2019	<0.1	0.28	<0.1	<0.1	
5/31/2019	<0.1	0.33	<0.1	<0.1	0.2
11/11/2019	<0.1	0.26	<0.1	<0.1	0.16
4/18/2020	<0.1	0.25	<0.1	<0.1	0.17
10/8/2020		<0.1			0.07 (J)
10/9/2020	<0.1		0.04 (J)	<0.1	
3/31/2021	<0.1				
4/1/2021		0.26	0.04	0.032	0.19
9/7/2021	<0.1	0.24	0.7	<0.1	0.17
3/24/2022	<0.1	0.22	<0.1	<0.1	0.14
Mean	0.09705	0.2081	0.123	0.09335	0.1157
Std. Dev.	0.01319	0.0742	0.1406	0.02047	0.04843
Upper Lim.	0.1	0.249	0.12	0.1	0.1424
Lower Lim.	0.041	0.1672	0.06	0.035	0.089

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304
3/3/2016	<0.0013	<0.0013	<0.0013
5/4/2016	<0.0013	<0.0013	0.00086 (J)
7/6/2016		<0.0013	0.0014
7/7/2016	<0.0013		
9/7/2016	<0.0013		0.00056 (J)
9/8/2016		<0.0013	
11/8/2016	<0.0013	<0.0013	0.00047 (J)
1/10/2017	<0.0013	<0.0013	0.00041 (J)
3/15/2017	<0.0013		<0.0013
3/16/2017		<0.0013	
5/15/2017		<0.0013	
5/16/2017	<0.0013		<0.0013
3/13/2018	<0.0013	<0.0013	<0.0013
6/6/2018	<0.0013		
6/7/2018		<0.0013	<0.0013
2/28/2019	<0.0013	<0.0013	<0.0013
4/18/2020	8.3E-05 (J)	0.00011 (J)	0.00022 (J)
10/8/2020		<0.0013	
10/9/2020	<0.0013		0.00048 (J)
3/31/2021	0.00039		
4/1/2021		<0.0013	<0.0013
9/7/2021	<0.0013	<0.0013	<0.0013
3/24/2022	<0.0013	<0.0013	<0.0013
Mean	0.001167	0.001226	0.001006
Std. Dev.	0.0003676	0.0002975	0.0004235
Upper Lim.	0.0013	0.0013	0.0014
Lower Lim.	0.00039	0.00011	0.00047

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.005	0.037	<0.005	<0.005	<0.005
5/4/2016	<0.005	0.029	<0.005	<0.005	<0.005
7/6/2016		0.024	0.0044 (J)		<0.005
7/7/2016	<0.005			<0.005	
9/7/2016	<0.005		<0.005	<0.005	<0.005
9/8/2016		0.022			
11/7/2016				<0.005	
11/8/2016	<0.005	0.026	<0.005		<0.005
1/10/2017	<0.005	0.024	<0.005	<0.005	<0.005
3/15/2017	<0.005		<0.005	<0.005	
3/16/2017		0.029			<0.005
5/15/2017		0.025			
5/16/2017	<0.005		<0.005	<0.005	<0.005
3/13/2018	<0.005	0.03	<0.005	<0.005	<0.005
6/6/2018	<0.005				
6/7/2018		0.025	0.0012 (J)	0.0014 (J)	0.0011 (J)
10/17/2018		0.024	<0.005	<0.005	<0.005
10/18/2018	<0.005				
2/27/2019					0.0011 (J)
2/28/2019	<0.005	0.021	<0.005	<0.005	
5/31/2019	0.0014 (J)	0.021	0.0023 (J)	<0.005	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)	<0.005
10/8/2020		0.029			<0.005
10/9/2020	<0.005		<0.005	<0.005	
3/31/2021	0.0036				
4/1/2021		0.022	0.0027	0.0025	<0.005
9/7/2021	<0.005	0.023	0.0096	<0.005	<0.005
3/24/2022	<0.005	0.021	<0.005	<0.005	<0.005
Mean	0.004276	0.02516	0.004463	0.004206	0.004242
Std. Dev.	0.001551	0.004072	0.001827	0.001627	0.00152
Upper Lim.	0.005	0.029	0.005	0.005	0.005
Lower Lim.	0.0036	0.022	0.0027	0.0025	0.0021

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-304	MW-305	MW-308
3/3/2016	<0.0002	8.6E-05 (J)	<0.0002	<0.0002
5/4/2016	<0.0002	0.00026	<0.0002	<0.0002
7/6/2016		0.0012		<0.0002 (*)
7/7/2016	<0.0002		<0.0002	
9/7/2016	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2016			<0.0002	
11/8/2016	<0.0002	0.00065		<0.0002
1/10/2017	<0.0002	<0.0002	<0.0002	<0.0002
3/15/2017	<0.0002	<0.0002	<0.0002	
3/16/2017				<0.0002
5/16/2017	<0.0002	0.00042	<0.0002	<0.0002
3/13/2018	<0.0002	0.00039	<0.0002	<0.0002
6/6/2018	<0.0002			
6/7/2018		0.00033	<0.0002	<0.0002
10/17/2018		0.00041	<0.0002	<0.0002
10/18/2018	<0.0002			
2/27/2019				<0.0002
2/28/2019	<0.0002	0.00055	<0.0002	
5/31/2019	<0.0002	0.00054	<0.0002	<0.0002
11/11/2019	<0.0002	0.0011	<0.0002	<0.0002
4/18/2020	<0.0002	0.00082	<0.0002	<0.0002
10/8/2020				8.7E-05 (J)
10/9/2020	<0.0002	0.00033	0.00014 (J)	
3/31/2021	0.00019			
4/1/2021		0.00012	<0.0002	0.00042
9/7/2021	<0.0002	<0.0002	<0.0002	<0.0002
3/24/2022	<0.0002	<0.0002	0.0018	<0.0002
Mean	0.0001995	0.0004319	0.0002811	0.0002056
Std. Dev.	2.294E-06	0.0003161	0.0003681	5.801E-05
Upper Lim.	0.0002	0.0005246	0.0018	0.00042
Lower Lim.	0.00019	0.0001801	0.00014	8.7E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.99	<0.015	<0.015	<0.015
5/4/2016	0.99	<0.015	<0.015	<0.015
7/6/2016	1.9	0.0018 (J)		<0.015
7/7/2016			<0.015	
9/7/2016		0.0029 (J)	<0.015	<0.015
9/8/2016	2.4			
11/7/2016			<0.015	
11/8/2016	2.2	<0.015		<0.015
1/10/2017	2.1	<0.015 (*)	<0.015	<0.015
3/15/2017		<0.015	<0.015	
3/16/2017	1.6			<0.015
5/15/2017	1.2			
5/16/2017		<0.015 (*)	<0.015 (*)	<0.015
3/13/2018	1	0.0033 (J)	<0.015	<0.015
6/7/2018	1.1	0.0065 (J)	0.0016 (J)	0.00098 (J)
10/17/2018	1.1	0.0043 (J)	<0.015	<0.015
2/27/2019				<0.015
2/28/2019	0.77	0.0028 (J)	<0.015	
5/31/2019	0.64	<0.015	<0.015	<0.015
11/11/2019	0.85	0.0056 (J)	<0.015	<0.015
4/18/2020	0.81	<0.015	<0.015	<0.015
10/8/2020	0.5			<0.015
10/9/2020		<0.015	<0.015	
4/1/2021	0.49	<0.015	<0.015	<0.015
9/7/2021	0.44	<0.015	<0.015	<0.015
3/24/2022	0.53	<0.015	0.00033 (J)	0.002 (J)
Mean	1.137	0.01091	0.01352	0.01358
Std. Dev.	0.6132	0.005592	0.00443	0.004263
Upper Lim.	1.426	0.015	0.015	0.015
Lower Lim.	0.7566	0.0033	0.0016	0.002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.008	0.0041 (J)	<0.00025	0.0051 (J)
5/4/2016	0.0068	0.008	<0.00025	0.0049
7/6/2016	0.0061	0.0056		0.0066
7/7/2016			<0.00025	
9/7/2016		0.0045	<0.00025	0.0073
9/8/2016	0.0065			
11/7/2016			<0.00025	
11/8/2016	0.0046	0.0055		0.0058
1/10/2017	0.0045	0.0056	<0.00025	0.0058
3/15/2017		0.0088	<0.00025	
3/16/2017	0.0079			0.006
5/15/2017	0.0064			
5/16/2017		0.0029	<0.00025	0.0058
3/13/2018	0.0037	0.0065	<0.00025	0.0048
6/7/2018	0.0054	0.0047	<0.00025	0.0061
10/17/2018	0.0026	0.05 (o)	<0.00025	0.0023
2/27/2019				0.0033
2/28/2019	0.002	0.0011 (J)	<0.00025	
5/31/2019	0.0041	0.0045	<0.00025	0.0031
11/11/2019	0.0031	0.0067	0.00027	0.002
4/18/2020	0.0035	0.0066	<0.00025	0.0021
10/8/2020	0.0014			0.0047
10/9/2020		0.0057	<0.00025	
4/1/2021	0.004	0.0038	<0.00025	0.0027
9/7/2021	0.0046	0.0069	<0.00025	0.0045
3/24/2022	0.0042	0.0025	0.00077	0.0028
Mean	0.004705	0.005222	0.0002784	0.004511
Std. Dev.	0.001869	0.001941	0.0001191	0.001653
Upper Lim.	0.0058	0.006396	0.00027	0.005478
Lower Lim.	0.003611	0.004048	0.00025	0.003543

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 2:03 PM View: 300 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL 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		<0.0005	
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	<0.0005	<0.0005	<0.0005
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	<0.0005	0.00019
9/7/2021	0.00015 (J)	0.00015 (J)	0.00016 (J)
3/24/2022	<0.0005	<0.0005	<0.0005
Mean	0.0002168	0.0002397	0.0002584
Std. Dev.	5.292E-05	0.0001465	5.58E-05
Upper Lim.	0.0002444	0.00029	0.0002911
Lower Lim.	0.0001858	0.00014	0.0002257

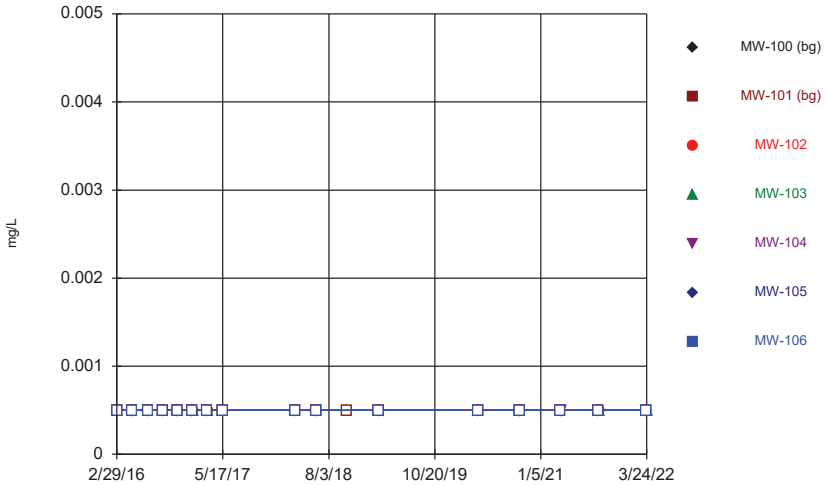
ND substitution: RL or RL/2 if <15% NDs.

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

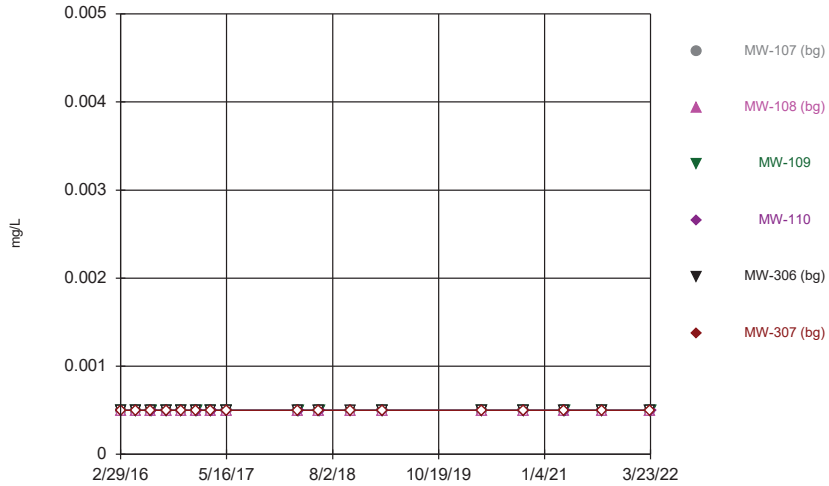
Time Series



Constituent: Antimony Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

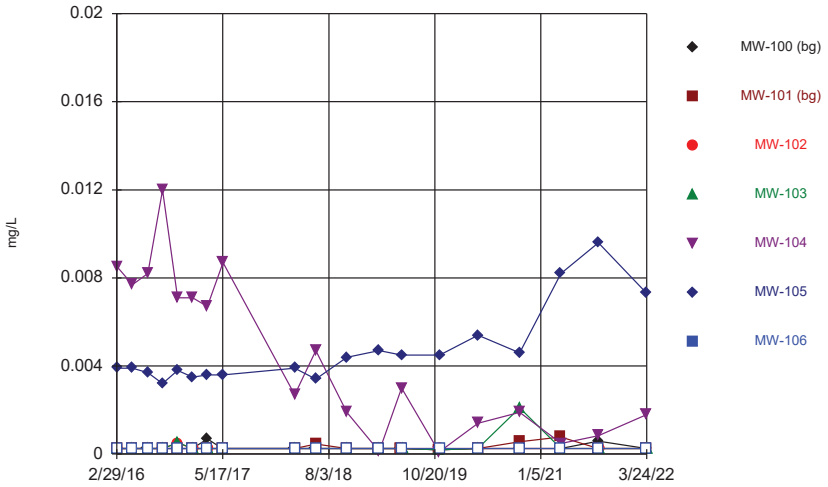
Time Series



Constituent: Antimony Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

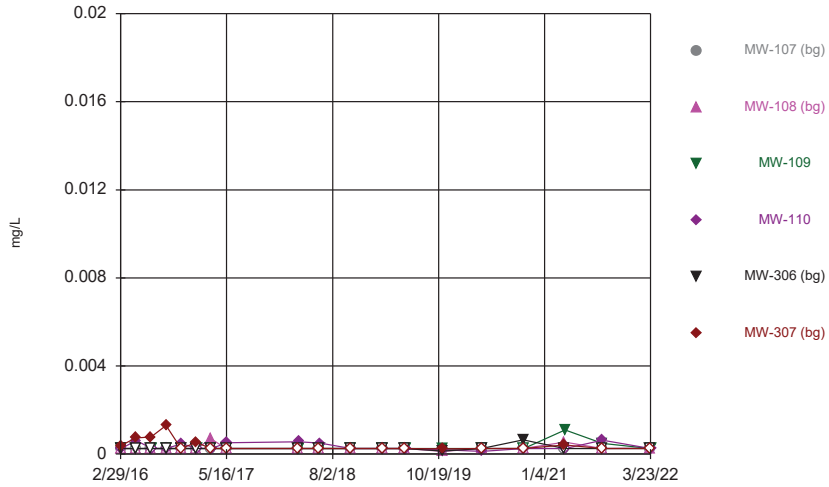
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

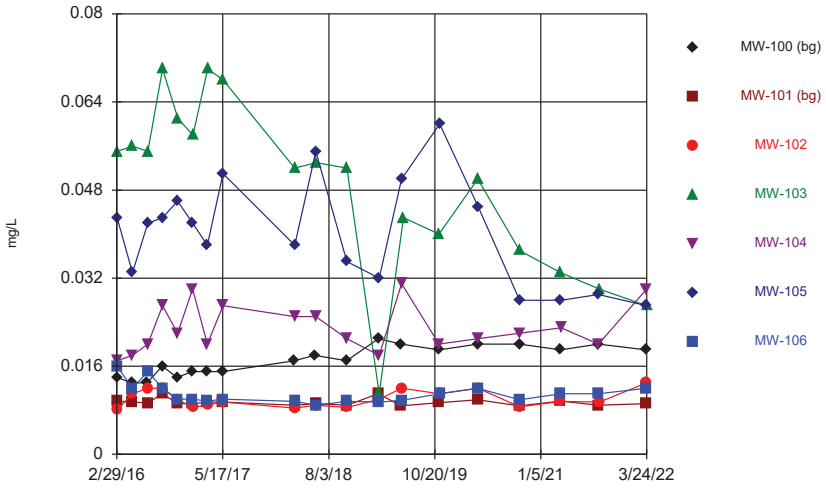
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

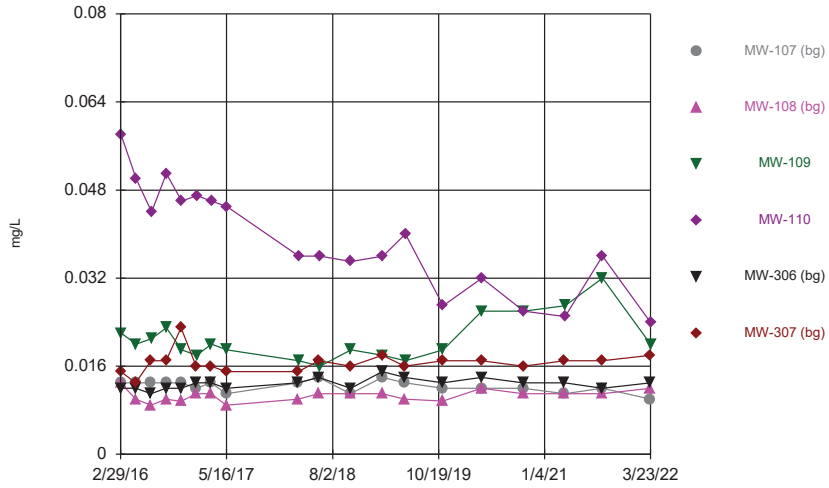
Time Series



Constituent: Barium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series



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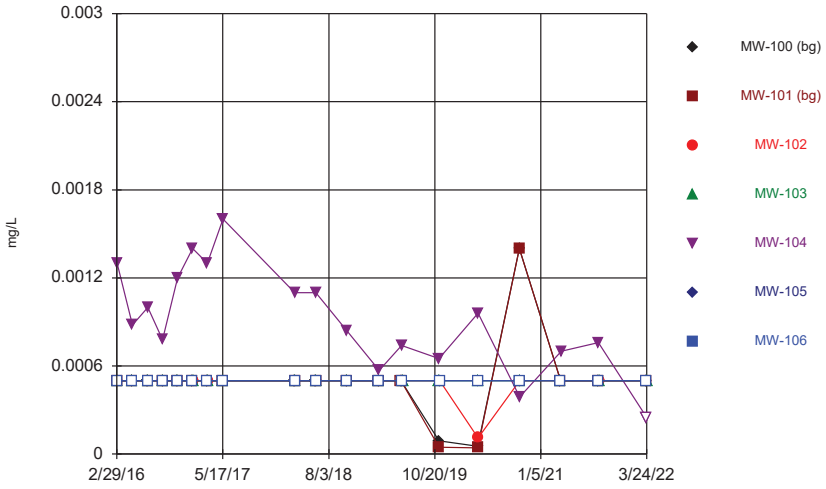
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

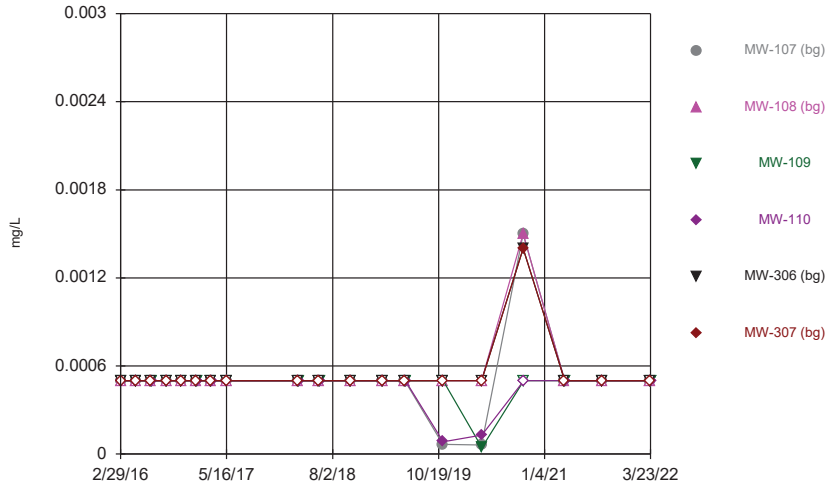
Time Series



Constituent: Beryllium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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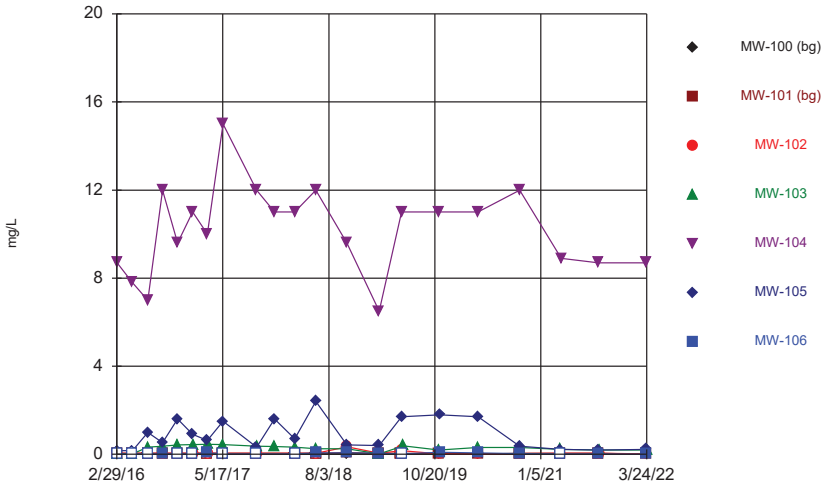

Constituent: Boron Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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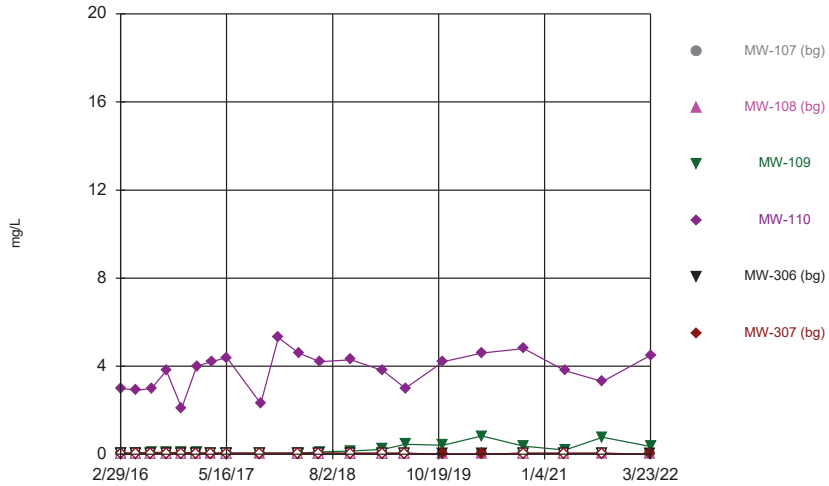

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Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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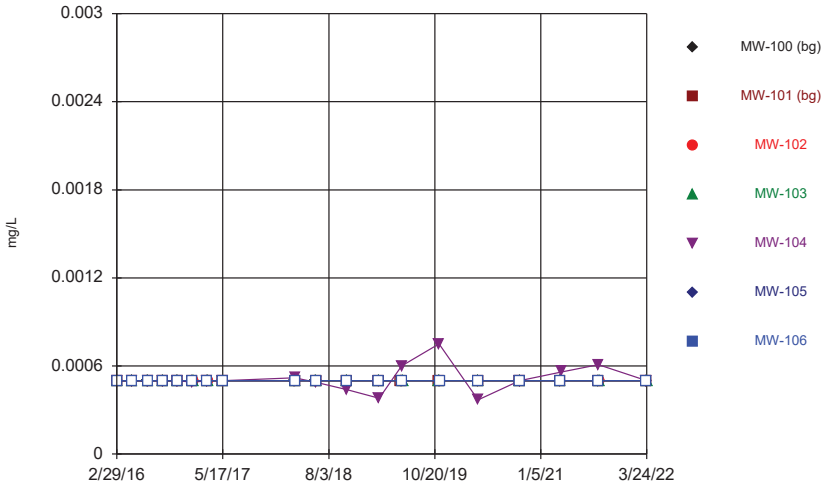
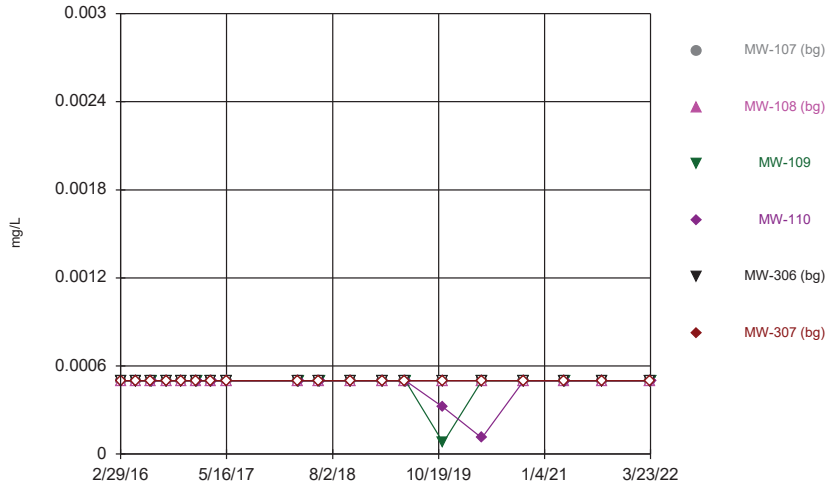


Constituent: Cadmium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

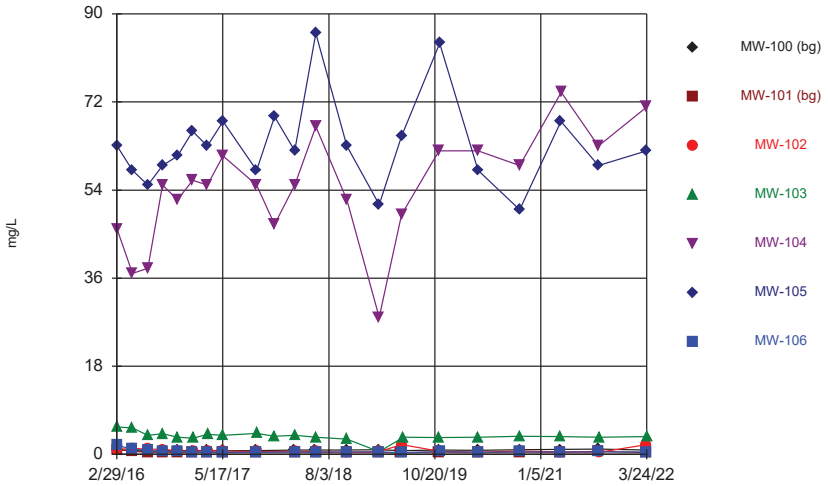
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

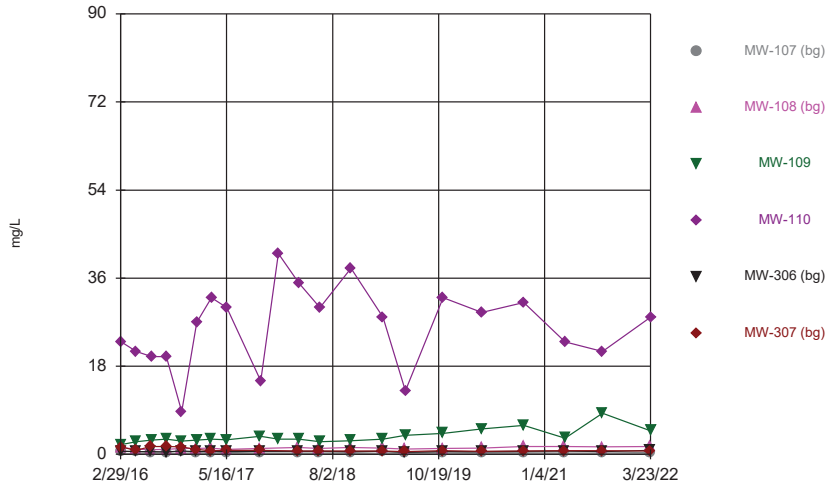


Constituent: Calcium Analysis Run 1/12/2023 10:04 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

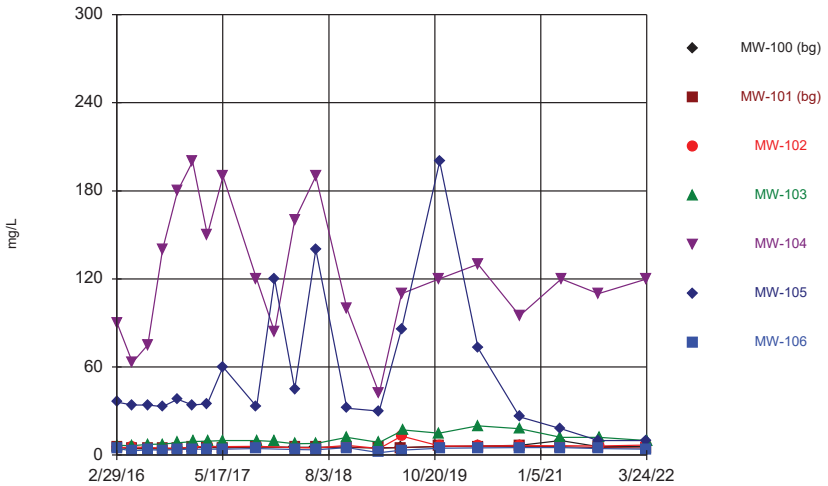


Constituent: Calcium Analysis Run 1/12/2023 10:04 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

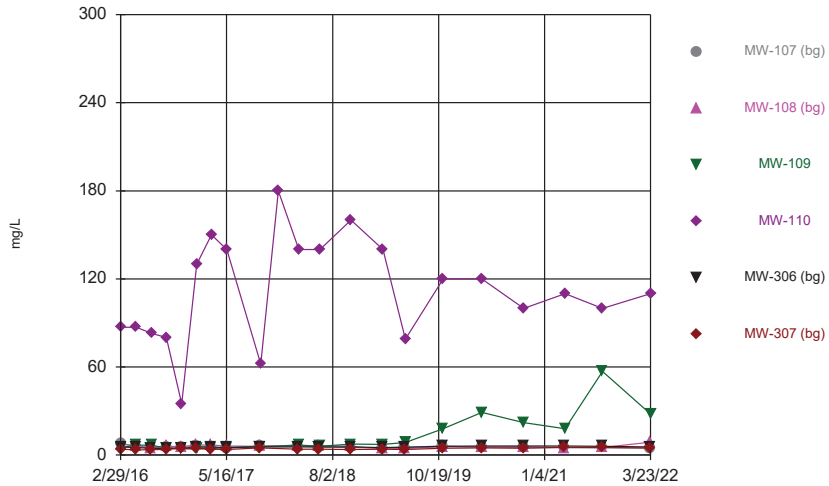


Constituent: Chloride Analysis Run 1/12/2023 10:04 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

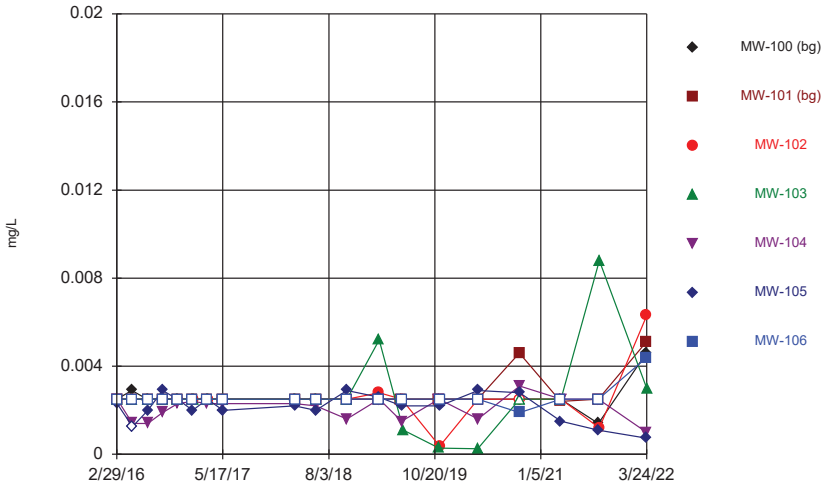


Constituent: Chloride Analysis Run 1/12/2023 10:04 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

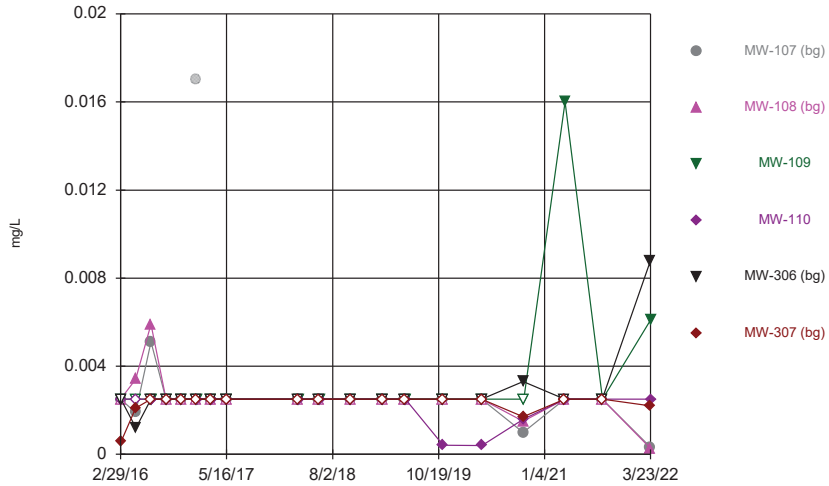
Time Series



Constituent: Chromium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

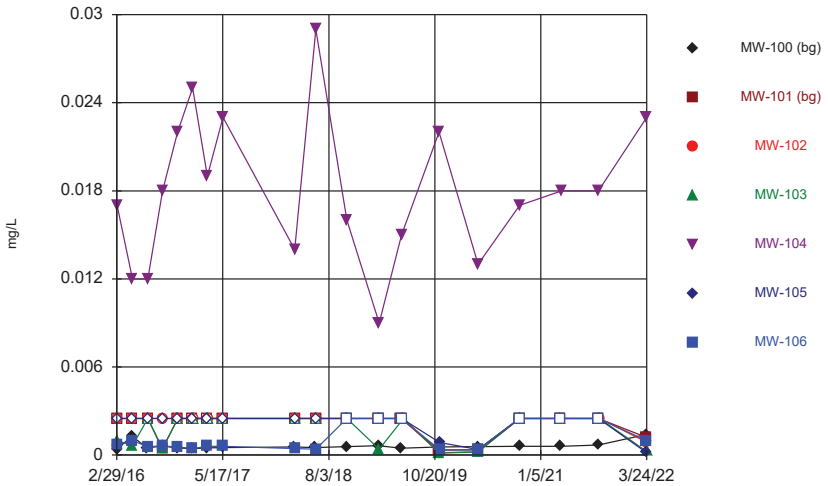
Time Series



Constituent: Chromium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

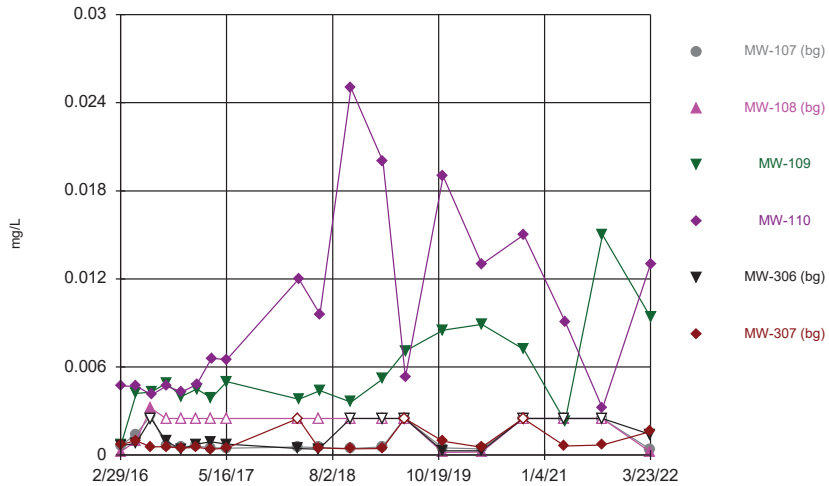
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

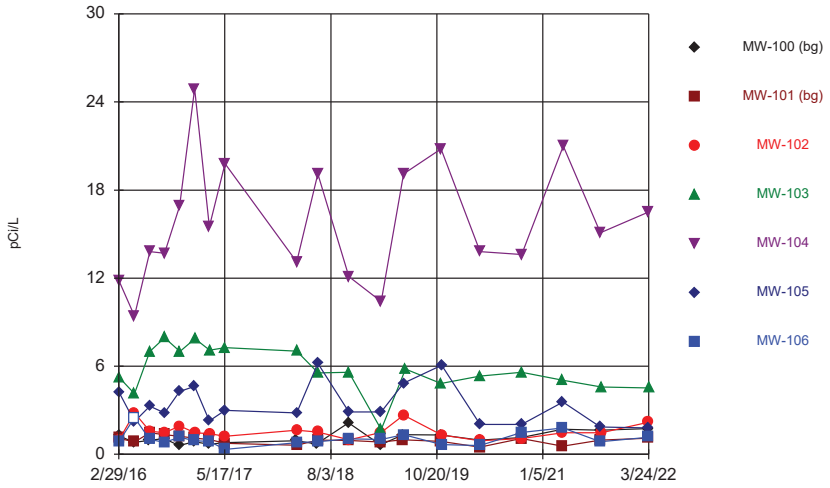
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

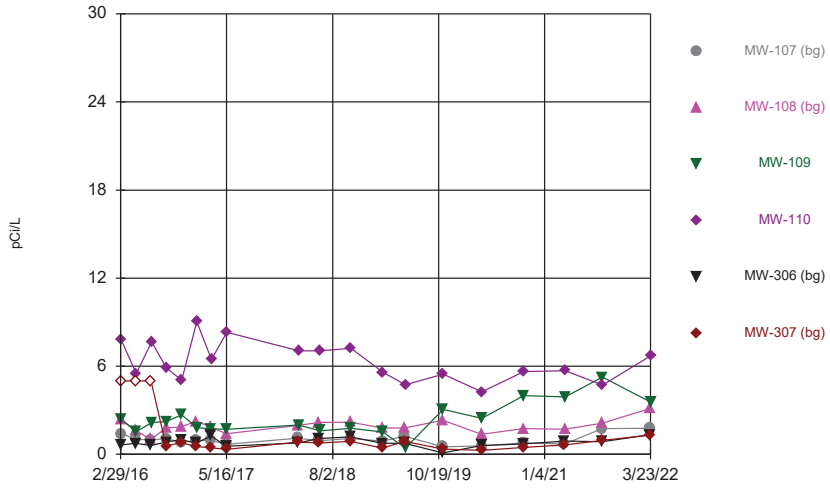
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

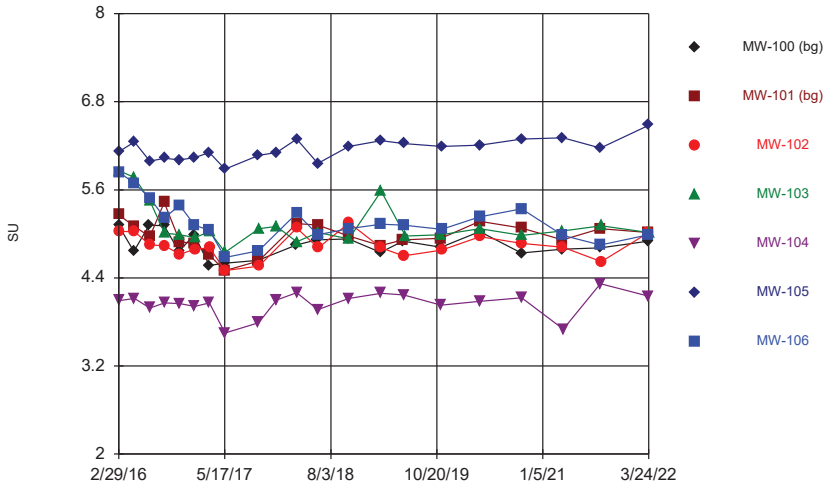
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

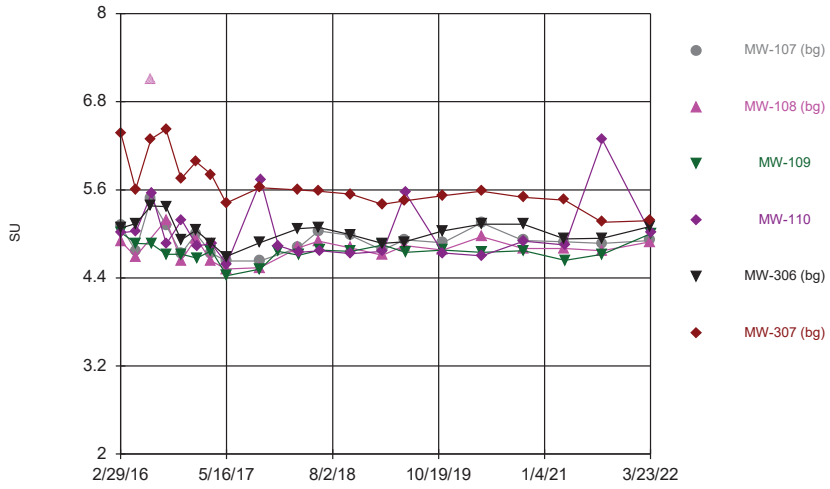
Time Series



Constituent: Field pH Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

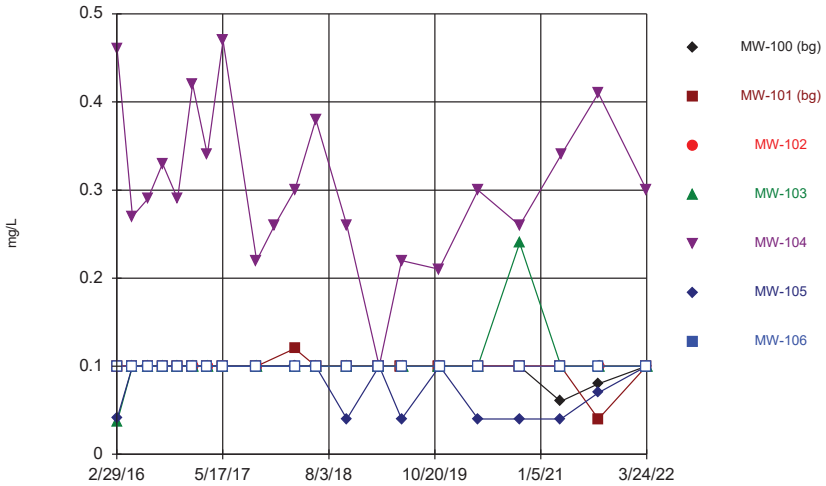
Time Series



Constituent: Field pH Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

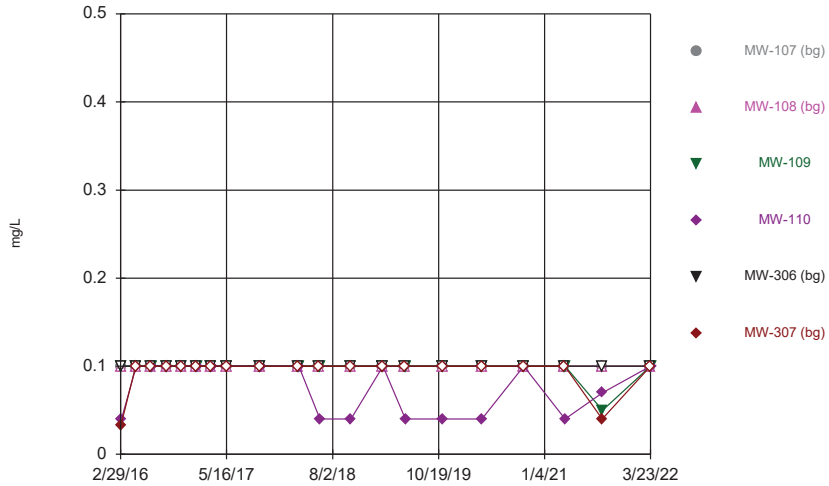
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

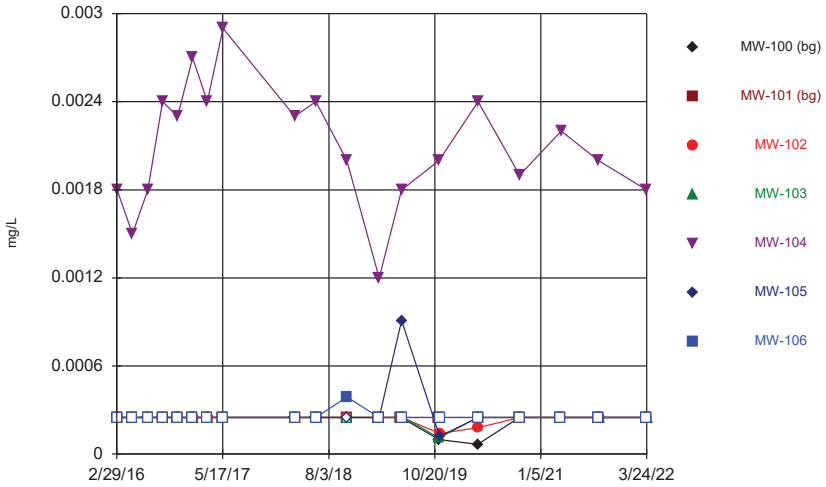
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

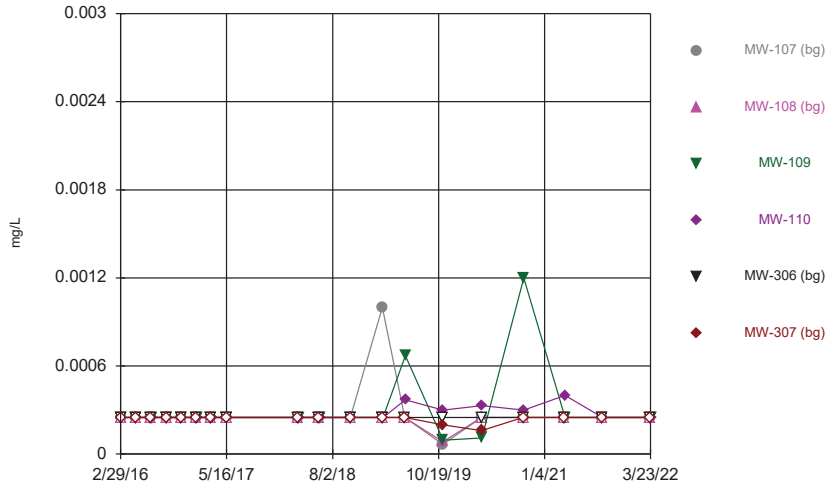
Time Series



Constituent: Lead Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

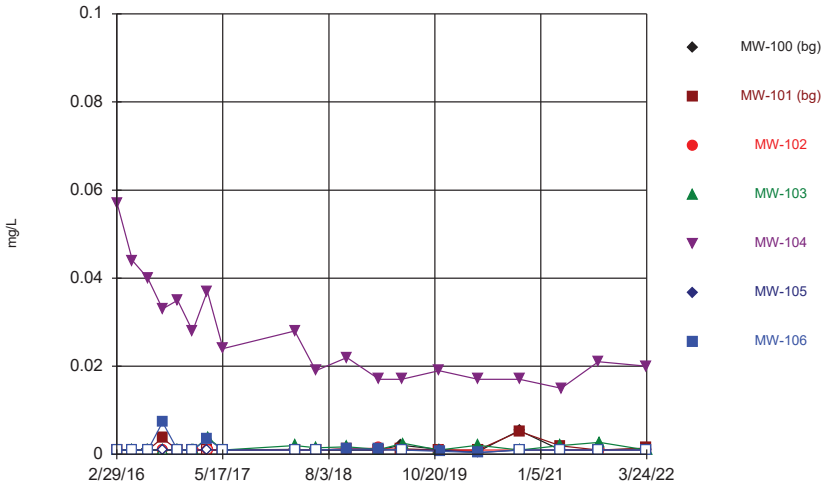
Time Series



Constituent: Lead Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

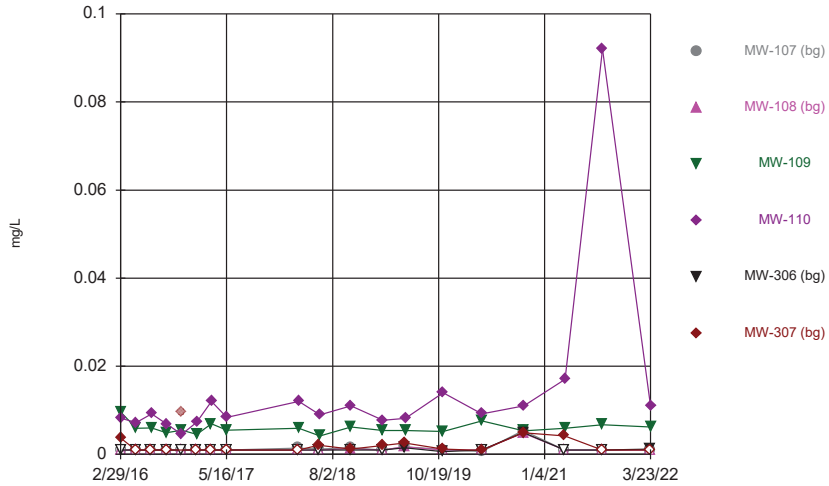
Time Series



Constituent: Lithium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

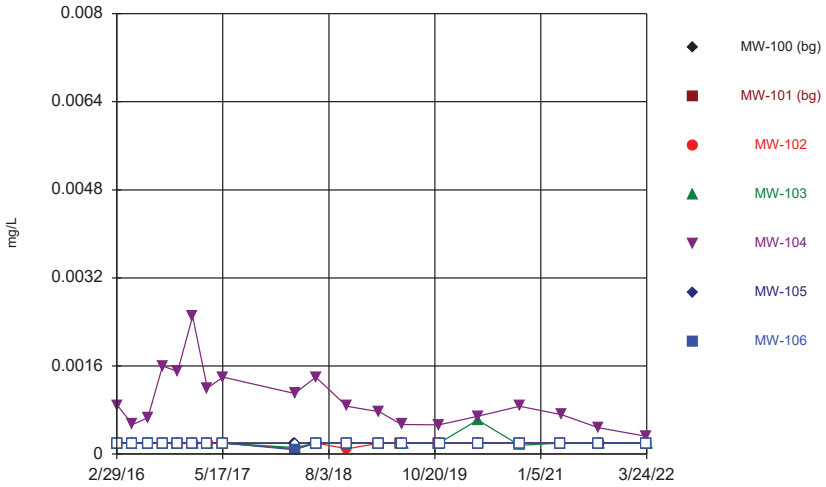
Time Series



Constituent: Lithium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

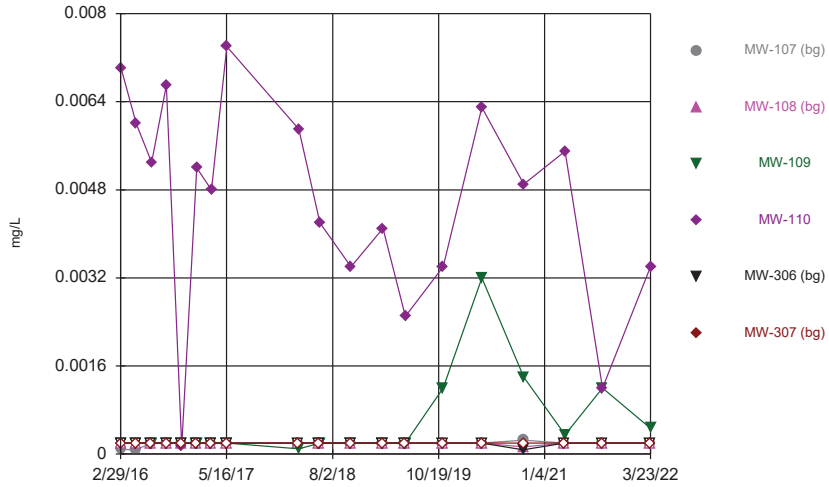
Time Series



Constituent: Mercury Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

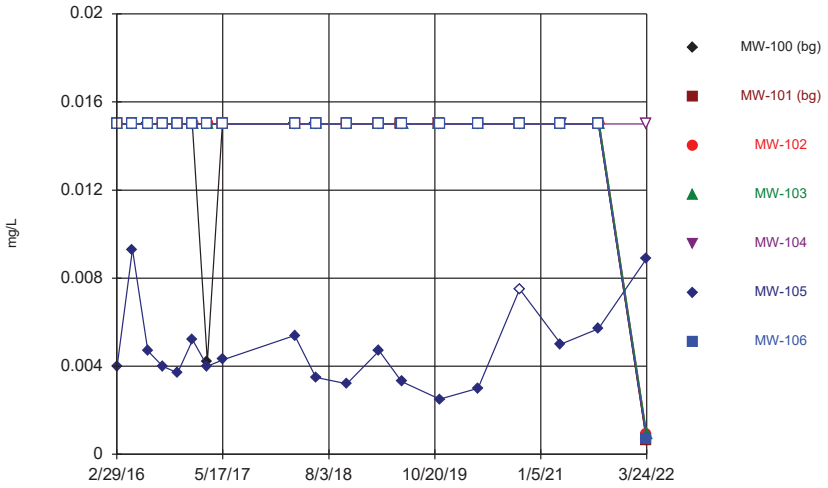
Time Series



Constituent: Mercury Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

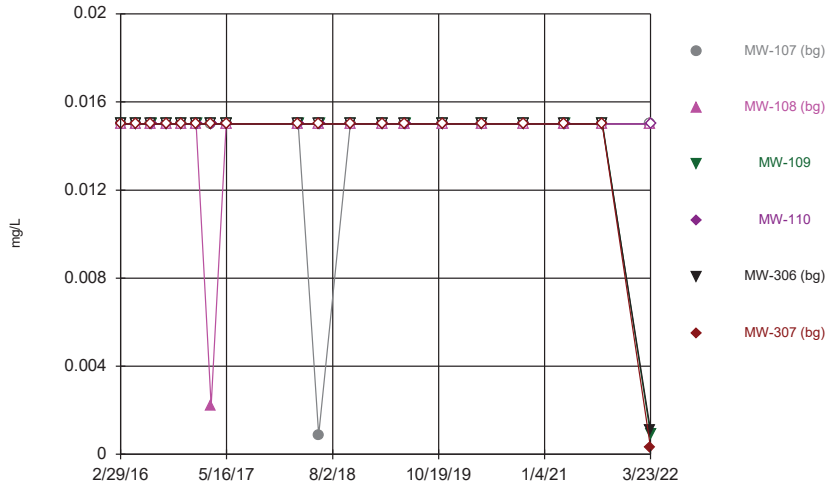
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

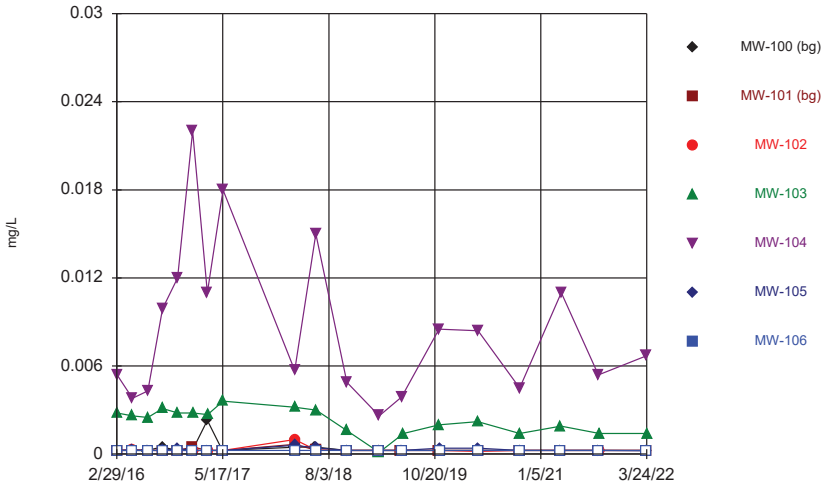
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

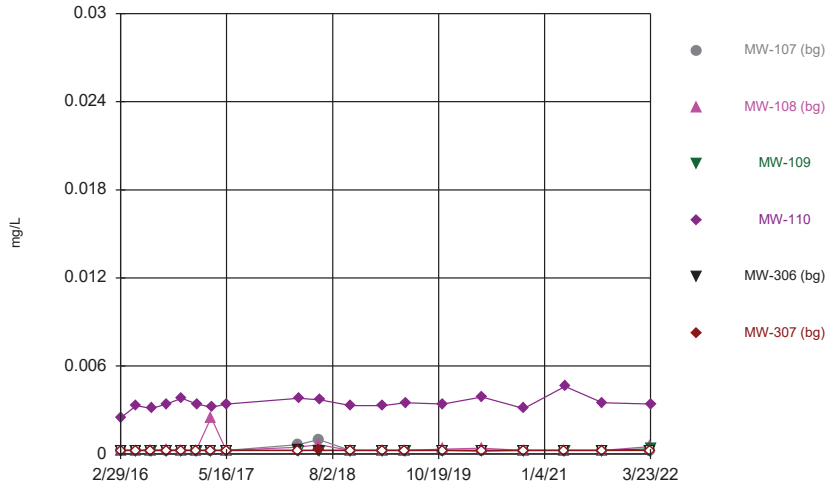
Time Series



Constituent: Selenium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

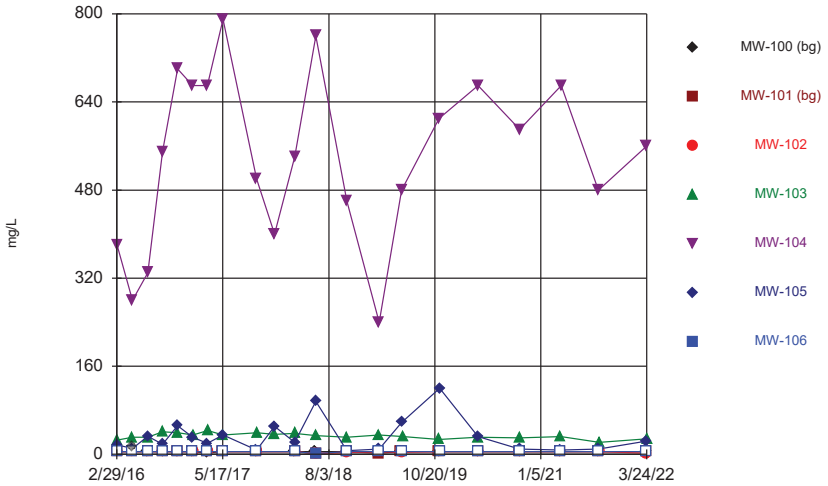
Time Series



Constituent: Selenium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

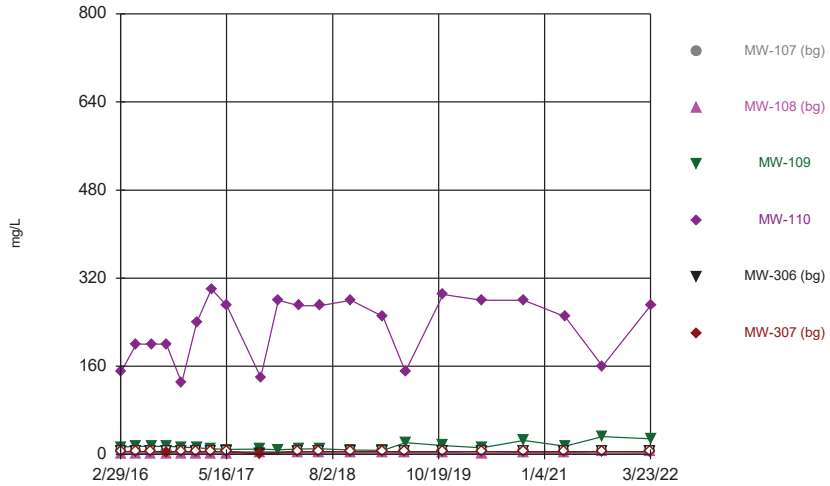
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

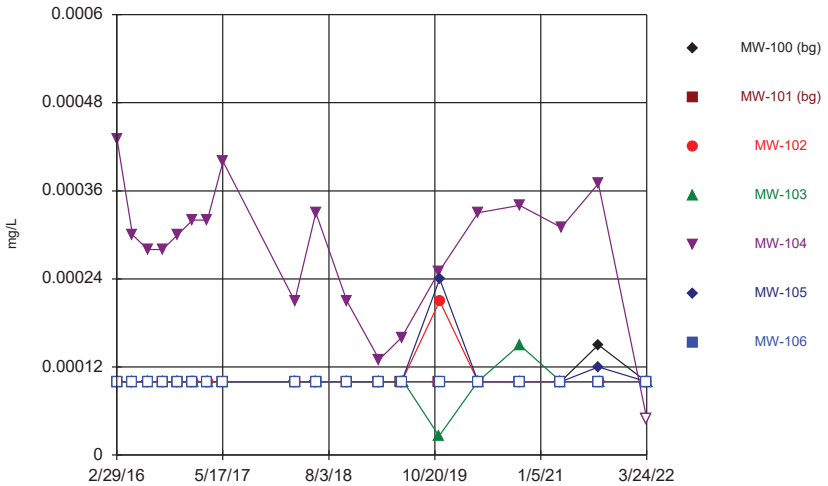
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

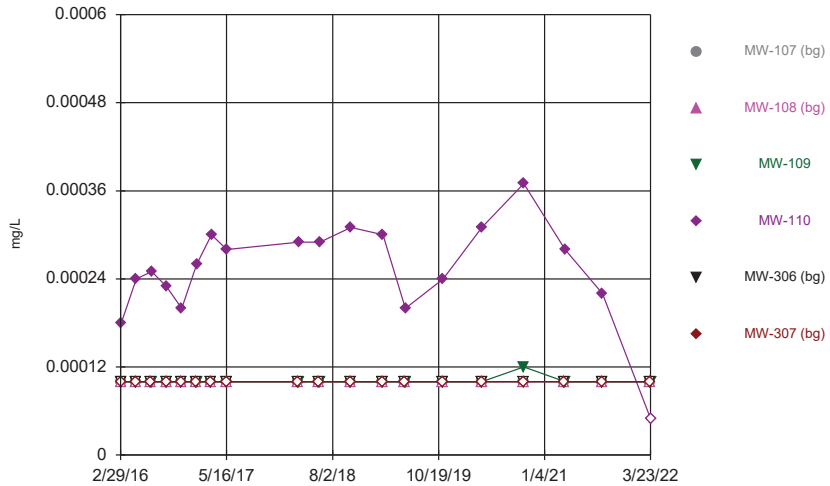
Time Series



Constituent: Thallium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

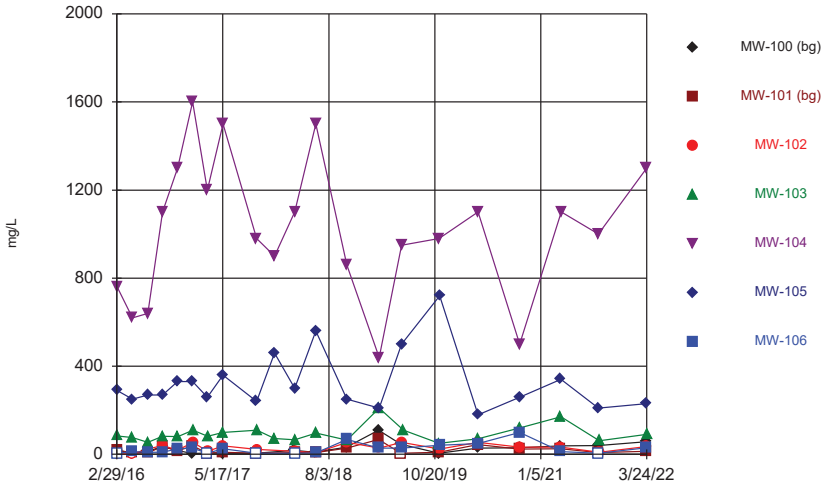
Time Series



Constituent: Thallium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

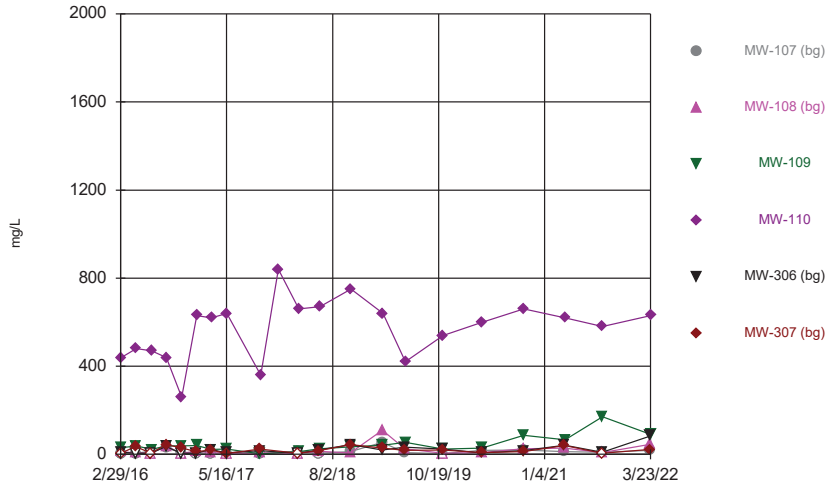
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0005	<0.0005					
3/1/2016			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/2/2016	<0.0005						
5/4/2016		<0.0005					<0.0005
5/5/2016			<0.0005	<0.0005	<0.0005	<0.0005	
7/5/2016	<0.0005						
7/7/2016			<0.0005	<0.0005	<0.0005	<0.0005	
7/8/2016		<0.0005					<0.0005
9/6/2016	<0.0005	<0.0005	<0.0005				
9/7/2016				<0.0005	<0.0005	<0.0005	<0.0005
11/7/2016	<0.0005						
11/9/2016					<0.0005	<0.0005	<0.0005
11/10/2016		<0.0005	<0.0005	<0.0005			
1/9/2017	<0.0005						
1/11/2017		<0.0005			<0.0005	<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005			
3/13/2017	<0.0005						
3/14/2017		<0.0005			<0.0005	<0.0005	<0.0005
3/15/2017			<0.0005	<0.0005			
5/15/2017	<0.0005						
5/18/2017		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/12/2018	<0.0005						
3/14/2018		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
6/5/2018	<0.0005						
6/10/2018		<0.0005			<0.0005	<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005			
10/16/2018	<0.0005						
10/18/2018		<0.0005					
2/27/2019	<0.0005	<0.0005					
3/1/2019					<0.0005	<0.0005	<0.0005
3/2/2019			<0.0005	<0.0005			
4/16/2020	<0.0005	<0.0005					
4/17/2020				<0.0005			<0.0005
4/18/2020			<0.0005		<0.0005	<0.0005	
10/7/2020	<0.0005	<0.0005					
10/8/2020			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/29/2021	<0.0005	<0.0005					
3/30/2021			<0.0005	<0.0005		<0.0005	<0.0005
3/31/2021					<0.0005		
9/2/2021	<0.0005	<0.0005					
9/3/2021					<0.0005	<0.0005	<0.0005
9/7/2021			<0.0005	<0.0005			
3/22/2022	<0.0005	<0.0005					
3/23/2022			<0.0005		<0.0005	<0.0005	<0.0005
3/24/2022				<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0005	<0.0005				
3/1/2016					<0.0005	<0.0005
3/2/2016			<0.0005	<0.0005		
5/2/2016	<0.0005	<0.0005				<0.0005
5/3/2016					<0.0005	
5/5/2016			<0.0005	<0.0005		
7/5/2016	<0.0005	<0.0005			<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005		
9/6/2016	<0.0005	<0.0005			<0.0005	<0.0005
9/7/2016			<0.0005	<0.0005		
11/7/2016	<0.0005	<0.0005			<0.0005	<0.0005
11/10/2016			<0.0005	<0.0005		
1/9/2017	<0.0005	<0.0005			<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005		
3/13/2017	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2017			<0.0005			
3/15/2017				<0.0005		
5/15/2017	<0.0005	<0.0005			<0.0005	<0.0005
5/18/2017			<0.0005	<0.0005		
3/12/2018	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2018			<0.0005	<0.0005		
6/5/2018	<0.0005	<0.0005				
6/6/2018					<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005		
10/16/2018	<0.0005	<0.0005				
10/17/2018					<0.0005	<0.0005
2/27/2019	<0.0005	<0.0005			<0.0005	<0.0005
3/1/2019			<0.0005	<0.0005		
4/16/2020	<0.0005	<0.0005			<0.0005	<0.0005
4/17/2020			<0.0005	<0.0005		
10/7/2020	<0.0005	<0.0005			<0.0005	<0.0005
10/9/2020			<0.0005	<0.0005		
3/29/2021	<0.0005	<0.0005			<0.0005	<0.0005
3/31/2021			<0.0005	<0.0005		
9/2/2021	<0.0005	<0.0005			<0.0005	<0.0005
9/3/2021			<0.0005	<0.0005		
3/22/2022	<0.0005	<0.0005			<0.0005	<0.0005
3/23/2022			<0.0005	<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00025	<0.00025					
3/1/2016			<0.00025	<0.00025	0.0085	0.0039 (J)	<0.00025
5/2/2016	<0.00025						
5/4/2016		<0.00025					<0.00025
5/5/2016			<0.00025	<0.00025	0.0077	0.0039	
7/5/2016	<0.00025						
7/7/2016			<0.00025	<0.00025	0.0082	0.0037	
7/8/2016		<0.00025					<0.00025
9/6/2016	<0.00025	<0.00025	<0.00025				
9/7/2016				<0.00025	0.012	0.0032	<0.00025
11/7/2016	<0.00025						
11/9/2016					0.0071	0.0038	<0.00025
11/10/2016		<0.00025	0.0005 (J)	0.00051 (J)			
1/9/2017	<0.00025						
1/11/2017		<0.00025			0.0071	0.0035	<0.00025
1/12/2017			<0.00025	<0.00025			
3/13/2017	0.00069 (J)						
3/14/2017		<0.00025			0.0067	0.0036	<0.00025
3/15/2017			<0.00025	<0.00025			
5/15/2017	<0.00025						
5/18/2017		<0.00025	<0.00025	<0.00025	0.0087	0.0036	<0.00025
3/12/2018	<0.00025						
3/14/2018		<0.00025	<0.00025	<0.00025	0.0027	0.0039	<0.00025
6/5/2018	<0.00025						
6/10/2018		0.00046 (J)			0.0047	0.0034	<0.00025
6/11/2018			<0.00025	<0.00025			
10/16/2018	<0.00025						
10/18/2018		<0.00025		<0.00025	0.0019	0.0044	<0.00025
10/19/2018			<0.00025				
2/27/2019	<0.00025	<0.00025					
3/1/2019					<0.00025	0.0047	<0.00025
3/2/2019			<0.00025	<0.00025			
5/31/2019	<0.00025	<0.00025					
6/3/2019			<0.00025		0.003	0.0045	<0.00025
6/11/2019				<0.00025			
11/6/2019	0.0002 (J)	0.00019 (J)					
11/7/2019				0.00019 (J)	8.9E-05 (J)		
11/9/2019			<0.00025			0.0045	<0.00025
4/16/2020	<0.00025	<0.00025					
4/17/2020				<0.00025			<0.00025
4/18/2020			<0.00025		0.0014	0.0054	
10/7/2020	<0.00025	0.00056 (J)					
10/8/2020			<0.00025	0.0021	0.0019	0.0046	<0.00025
3/29/2021	<0.00025	0.00078					
3/30/2021			<0.00025	<0.00025		0.0082	<0.00025
3/31/2021					0.00048		
9/2/2021	0.00059 (J)	<0.00025					
9/3/2021					0.00084 (J)	0.0096	<0.00025
9/7/2021			<0.00025	<0.00025			
3/22/2022	<0.00025	<0.00025					
3/23/2022			<0.00025		0.0018	0.0073	<0.00025
3/24/2022				<0.00025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00025	<0.00025				
3/1/2016					<0.00025	0.00038 (J)
3/2/2016			<0.00025	<0.00025		
5/2/2016	<0.00025	<0.00025				0.00073 (J)
5/3/2016					<0.00025	
5/5/2016			<0.00025	0.00061 (J)		
7/5/2016	<0.00025	<0.00025			<0.00025	0.00077 (J)
7/7/2016			<0.00025	<0.00025		
9/6/2016	<0.00025	<0.00025			<0.00025	0.0013
9/7/2016			<0.00025	<0.00025		
11/7/2016	<0.00025	<0.00025			<0.00025	<0.00025
11/10/2016			<0.00025	0.00047 (J)		
1/9/2017	<0.00025	<0.00025			<0.00025	0.00053 (J)
1/12/2017			<0.00025	<0.00025		
3/13/2017	<0.00025	0.00069 (J)			<0.00025	<0.00025
3/14/2017			<0.00025			
3/15/2017				<0.00025		
5/15/2017	<0.00025	<0.00025			<0.00025	<0.00025
5/18/2017			<0.00025	0.00051 (J)		
3/12/2018	<0.00025	<0.00025			<0.00025	<0.00025
3/14/2018			<0.00025	0.00056 (J)		
6/5/2018	<0.00025	<0.00025				
6/6/2018					<0.00025	<0.00025
6/11/2018			<0.00025	0.0005 (J)		
10/16/2018	<0.00025	<0.00025				
10/17/2018					<0.00025	<0.00025
10/18/2018			<0.00025	<0.00025		
2/27/2019	<0.00025	<0.00025			<0.00025	<0.00025
3/1/2019			<0.00025	<0.00025		
5/31/2019	<0.00025	<0.00025			<0.00025	<0.00025
6/3/2019			<0.00025	<0.00025		
11/6/2019	0.0002 (J)	0.00012 (J)			0.00014 (J)	0.00024 (J)
11/7/2019			0.00025 (V)	0.0002 (J)		
4/16/2020	<0.00025	<0.00025			<0.00025	<0.00025
4/17/2020			<0.00025	0.00012 (J)		
10/7/2020	<0.00025	<0.00025			0.00064 (J)	<0.00025
10/9/2020			<0.00025	<0.00025		
3/29/2021	<0.00025	0.00054			<0.00025	0.00042
3/31/2021			0.0011	<0.00025		
9/2/2021	<0.00025	<0.00025			<0.00025	<0.00025
9/3/2021			0.00048 (J)	0.00063 (J)		
3/22/2022	<0.00025	0.00027			<0.00025	<0.00025
3/23/2022			<0.00025	<0.00025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	0.019	0.0092					
3/23/2022			0.013		0.03	0.027	0.012
3/24/2022				0.027			

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	0.01	0.012			0.013	0.018
3/23/2022			0.02	0.024		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0005	<0.0005					
3/1/2016			<0.0005	<0.0005	0.0013 (J)	<0.0005	<0.0005
5/2/2016	<0.0005						
5/4/2016		<0.0005					<0.0005
5/5/2016			<0.0005	<0.0005	0.00088 (J)	<0.0005	
7/5/2016	<0.0005						
7/7/2016			<0.0005	<0.0005	0.001 (J)	<0.0005	
7/8/2016		<0.0005					<0.0005
9/6/2016	<0.0005	<0.0005	<0.0005				
9/7/2016				<0.0005	0.00078 (J)	<0.0005	<0.0005
11/7/2016	<0.0005						
11/9/2016					0.0012 (J)	<0.0005	<0.0005
11/10/2016		<0.0005	<0.0005	<0.0005			
1/9/2017	<0.0005						
1/11/2017		<0.0005			0.0014 (J)	<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005			
3/13/2017	<0.0005						
3/14/2017		<0.0005			0.0013 (J)	<0.0005	<0.0005
3/15/2017			<0.0005	<0.0005			
5/15/2017	<0.0005						
5/18/2017		<0.0005	<0.0005	<0.0005	0.0016 (J)	<0.0005	<0.0005
3/12/2018	<0.0005						
3/14/2018		<0.0005	<0.0005	<0.0005	0.0011 (J)	<0.0005	<0.0005
6/5/2018	<0.0005						
6/10/2018		<0.0005			0.0011 (J)	<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005			
10/16/2018	<0.0005						
10/18/2018		<0.0005		<0.0005	0.00084 (J)	<0.0005	<0.0005
10/19/2018			<0.0005				
2/27/2019	<0.0005	<0.0005					
3/1/2019					0.00057 (J)	<0.0005	<0.0005
3/2/2019			<0.0005	<0.0005			
5/31/2019	<0.0005	<0.0005					
6/3/2019			<0.0005		0.00074 (J)	<0.0005	<0.0005
6/11/2019				<0.0005			
11/6/2019	9E-05 (J)	4.7E-05 (J)					
11/7/2019				<0.0005	0.00065		
11/9/2019			<0.0005			<0.0005	<0.0005
4/16/2020	5.4E-05 (J)	4.3E-05 (J)					
4/17/2020				<0.0005			<0.0005
4/18/2020			0.00011 (J)		0.00096	<0.0005	
10/7/2020	0.0014 (J)	0.0014 (J)					
10/8/2020			<0.0005	<0.0005	0.00039 (J)	<0.0005	<0.0005
3/29/2021	<0.0005	<0.0005					
3/30/2021			<0.0005	<0.0005		<0.0005	<0.0005
3/31/2021					0.0007		
9/2/2021	<0.0005	<0.0005					
9/3/2021					0.00076 (J)	<0.0005	<0.0005
9/7/2021			<0.0005	<0.0005			
3/22/2022	<0.0005	<0.0005					
3/23/2022			<0.0005		<0.0005	<0.0005	<0.0005
3/24/2022				<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0005	<0.0005				
3/1/2016					<0.0005	<0.0005
3/2/2016			<0.0005	<0.0005		
5/2/2016	<0.0005	<0.0005				<0.0005
5/3/2016					<0.0005	
5/5/2016			<0.0005	<0.0005		
7/5/2016	<0.0005	<0.0005			<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005		
9/6/2016	<0.0005	<0.0005			<0.0005	<0.0005
9/7/2016			<0.0005	<0.0005		
11/7/2016	<0.0005	<0.0005			<0.0005	<0.0005
11/10/2016			<0.0005	<0.0005		
1/9/2017	<0.0005	<0.0005			<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005		
3/13/2017	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2017			<0.0005			
3/15/2017				<0.0005		
5/15/2017	<0.0005	<0.0005			<0.0005	<0.0005
5/18/2017			<0.0005	<0.0005		
3/12/2018	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2018			<0.0005	<0.0005		
6/5/2018	<0.0005	<0.0005				
6/6/2018					<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005		
10/16/2018	<0.0005	<0.0005				
10/17/2018					<0.0005	<0.0005
10/18/2018			<0.0005	<0.0005		
2/27/2019	<0.0005	<0.0005			<0.0005	<0.0005
3/1/2019			<0.0005	<0.0005		
5/31/2019	<0.0005	<0.0005			<0.0005	<0.0005
6/3/2019			<0.0005	<0.0005		
11/6/2019	6.6E-05 (J)	<0.0005			<0.0005	<0.0005
11/7/2019			<0.0005	8.4E-05 (J)		
4/16/2020	6.1E-05 (J)	<0.0005			<0.0005	<0.0005
4/17/2020			4.4E-05 (J)	0.00013 (J)		
10/7/2020	0.0015 (J)	0.0015 (J)			0.0014 (J)	0.0014 (J)
10/9/2020			<0.0005	<0.0005		
3/29/2021	<0.0005	<0.0005			<0.0005	<0.0005
3/31/2021			<0.0005	<0.0005		
9/2/2021	<0.0005	<0.0005			<0.0005	<0.0005
9/3/2021			<0.0005	<0.0005		
3/22/2022	<0.0005	<0.0005			<0.0005	<0.0005
3/23/2022			<0.0005	<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	<0.05					
3/1/2016			<0.05	<0.05 (*)	8.7	<0.32 (*)	<0.018
5/2/2016	<0.018						
5/4/2016		<0.05					<0.018 (*)
5/5/2016			<0.05	<0.05 (*)	7.8	<0.32 (*)	
7/5/2016	<0.018						
7/7/2016			<0.05	0.33	7	1	
7/8/2016		<0.05					<0.018
9/6/2016	<0.018	<0.05	<0.05				
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		<0.05	<0.05	0.43			
1/9/2017	<0.018						
1/11/2017		<0.05			11	0.9	<0.018
1/12/2017			<0.05	0.44			
3/13/2017	<0.018						
3/14/2017		<0.05			10	0.63	0.071
3/15/2017			<0.05	0.46			
5/15/2017	<0.018						
5/18/2017		<0.05	<0.05	0.44	15	1.5	<0.018 (*)
10/2/2017	<0.018						
10/5/2017		<0.05			12	0.32	<0.018
10/6/2017			<0.05	0.37			
12/19/2017				0.35 (R)	11 (R)	1.6 (R)	
3/12/2018	<0.018						
3/14/2018		<0.05	<0.05	0.32	11	0.7	<0.018
6/5/2018	<0.018						
6/10/2018		<0.05			12	2.4	0.066
6/11/2018			<0.05	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	<0.05					
3/1/2019					6.5	0.4	0.048 (J)
3/2/2019			<0.05	<0.05			
5/31/2019	<0.018	<0.05					
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	<0.05					
10/8/2020			0.033 (J)	0.31	12	0.37	0.031 (J)
3/29/2021	<0.018	<0.05					
3/30/2021			<0.05	0.23		0.22	<0.018
3/31/2021					8.9		
9/2/2021	0.021 (J)	<0.05					
9/3/2021					8.7	0.2	0.021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<0.05	0.19			
3/22/2022	0.013	0.012					
3/23/2022			0.017		8.7	0.23	0.0074 (J)
3/24/2022				0.2			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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					<0.05	<0.05
3/2/2016			<0.05 (*)	3		
5/2/2016	<0.018	<0.018				<0.05
5/3/2016					<0.05	
5/5/2016			<0.05 (*)	2.9		
7/5/2016	<0.018	<0.018			<0.05	<0.05
7/7/2016			0.1	3		
9/6/2016	<0.018	<0.018			<0.05	<0.05
9/7/2016			0.073	3.8		
11/7/2016	<0.018	<0.018			<0.05	<0.05
11/10/2016			0.073	2.1		
1/9/2017	<0.018	<0.018			<0.05	<0.05
1/12/2017			0.059	4		
3/13/2017	<0.018	0.022 (J)			<0.05	<0.05
3/14/2017			0.044 (J)			
3/15/2017				4.2		
5/15/2017	<0.018	<0.018			<0.05	<0.05
5/18/2017			<0.05 (*)	4.4		
10/2/2017	<0.018	0.023 (J)			<0.05	<0.05
10/5/2017			0.047 (J)			
10/6/2017				2.3		
12/19/2017				5.3 (R)		
3/12/2018	<0.018	<0.018			<0.05	<0.05
3/14/2018			<0.05	4.6		
6/5/2018	<0.018	<0.018				
6/6/2018					<0.05	<0.05
6/11/2018			0.11	4.2		
10/16/2018	<0.018	<0.018				
10/17/2018					<0.05	<0.05
10/18/2018			0.15	4.3		
2/27/2019	<0.018	<0.018			<0.05	<0.05
3/1/2019			0.23	3.8		
5/31/2019	<0.018	<0.018			<0.05	<0.05
6/3/2019			0.45	3		
11/6/2019	0.016 (V)	0.022 (V)			0.011 (V)	0.0099 (J)
11/7/2019			0.42	4.2		
4/16/2020	0.013	0.017			0.0075 (J)	0.0055 (J)
4/17/2020			0.83	4.6		
10/7/2020	<0.018	<0.018			<0.05	<0.05
10/9/2020			0.37	4.8		
3/29/2021	<0.018	<0.018			<0.05	<0.05
3/31/2021			0.2	3.8		
9/2/2021	0.018 (J)	0.022 (J)			<0.05	<0.05
9/3/2021			0.77	3.3		
3/22/2022	0.013	0.017			0.009 (J)	0.0063 (J)
3/23/2022			0.36	4.5		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0005	<0.0005					
3/1/2016			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
5/2/2016	<0.0005						
5/4/2016		<0.0005					<0.0005
5/5/2016			<0.0005	<0.0005	<0.0005	<0.0005	
7/5/2016	<0.0005						
7/7/2016			<0.0005	<0.0005	<0.0005	<0.0005	
7/8/2016		<0.0005					<0.0005
9/6/2016	<0.0005	<0.0005	<0.0005				
9/7/2016				<0.0005	<0.0005	<0.0005	<0.0005
11/7/2016	<0.0005						
11/9/2016					<0.0005	<0.0005	<0.0005
11/10/2016		<0.0005	<0.0005	<0.0005			
1/9/2017	<0.0005						
1/11/2017		<0.0005			0.00049 (J)	<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005			
3/13/2017	<0.0005						
3/14/2017		<0.0005			<0.0005	<0.0005	<0.0005
3/15/2017			<0.0005	<0.0005			
5/15/2017	<0.0005						
5/18/2017		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/12/2018	<0.0005						
3/14/2018		<0.0005	<0.0005	<0.0005	0.00052 (J)	<0.0005	<0.0005
6/5/2018	<0.0005						
6/10/2018		<0.0005			0.00049 (J)	<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005			
10/16/2018	<0.0005						
10/18/2018		<0.0005		<0.0005	0.00044 (J)	<0.0005	<0.0005
10/19/2018			<0.0005				
2/27/2019	<0.0005	<0.0005					
3/1/2019					0.00038 (J)	<0.0005	<0.0005
3/2/2019			<0.0005	<0.0005			
5/31/2019	<0.0005	<0.0005					
6/3/2019			<0.0005		0.0006 (J)	<0.0005	<0.0005
6/11/2019				<0.0005			
11/6/2019	<0.0005	<0.0005					
11/7/2019				<0.0005	0.00075		
11/9/2019			<0.0005			<0.0005	<0.0005
4/16/2020	<0.0005	<0.0005					
4/17/2020				<0.0005			<0.0005
4/18/2020			<0.0005		0.00037 (J)	<0.0005	
10/7/2020	<0.0005	<0.0005					
10/8/2020			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/29/2021	<0.0005	<0.0005					
3/30/2021			<0.0005	<0.0005		<0.0005	<0.0005
3/31/2021					0.00056		
9/2/2021	<0.0005	<0.0005					
9/3/2021					0.00061 (J)	<0.0005	<0.0005
9/7/2021			<0.0005	<0.0005			
3/22/2022	<0.0005	<0.0005					
3/23/2022			<0.0005		<0.0005	<0.0005	<0.0005
3/24/2022				<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0005	<0.0005				
3/1/2016					<0.0005	<0.0005
3/2/2016			<0.0005	<0.0005		
5/2/2016	<0.0005	<0.0005				<0.0005
5/3/2016					<0.0005	
5/5/2016			<0.0005	<0.0005		
7/5/2016	<0.0005	<0.0005			<0.0005	<0.0005
7/7/2016			<0.0005	<0.0005		
9/6/2016	<0.0005	<0.0005			<0.0005	<0.0005
9/7/2016			<0.0005	<0.0005		
11/7/2016	<0.0005	<0.0005			<0.0005	<0.0005
11/10/2016			<0.0005	<0.0005		
1/9/2017	<0.0005	<0.0005			<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005		
3/13/2017	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2017			<0.0005			
3/15/2017				<0.0005		
5/15/2017	<0.0005	<0.0005			<0.0005	<0.0005
5/18/2017			<0.0005	<0.0005		
3/12/2018	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2018			<0.0005	<0.0005		
6/5/2018	<0.0005	<0.0005				
6/6/2018					<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005		
10/16/2018	<0.0005	<0.0005				
10/17/2018					<0.0005	<0.0005
10/18/2018			<0.0005	<0.0005		
2/27/2019	<0.0005	<0.0005			<0.0005	<0.0005
3/1/2019			<0.0005	<0.0005		
5/31/2019	<0.0005	<0.0005			<0.0005	<0.0005
6/3/2019			<0.0005	<0.0005		
11/6/2019	<0.0005	<0.0005			<0.0005	<0.0005
11/7/2019			7.8E-05 (J)	0.00032 (J)		
4/16/2020	<0.0005	<0.0005			<0.0005	<0.0005
4/17/2020			<0.0005	0.00011 (J)		
10/7/2020	<0.0005	<0.0005			<0.0005	<0.0005
10/9/2020			<0.0005	<0.0005		
3/29/2021	<0.0005	<0.0005			<0.0005	<0.0005
3/31/2021			<0.0005	<0.0005		
9/2/2021	<0.0005	<0.0005			<0.0005	<0.0005
9/3/2021			<0.0005	<0.0005		
3/22/2022	<0.0005	<0.0005			<0.0005	<0.0005
3/23/2022			<0.0005	<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	0.9	0.38					
3/23/2022			2		71	62	0.48
3/24/2022				3.6			

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	0.33	1.6			0.81	0.7
3/23/2022			4.8	28		

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	5.9	4.9					
3/23/2022			6.9		120	10	4.1
3/24/2022				9.8			

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	4.7	8.8			5.6	4.8
3/23/2022			28	110		

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0025	<0.0025					
3/1/2016			<0.0025	<0.0025	<0.0025	0.0023 (J)	<0.0025
5/2/2016	0.0029						
5/4/2016		<0.0025					<0.0025
5/5/2016			<0.0025	<0.0025	0.0014 (J)	<0.0025	
7/5/2016	<0.0025						
7/7/2016			<0.0025	<0.0025	0.0014 (J)	0.002 (J)	
7/8/2016		<0.0025					<0.0025
9/6/2016	<0.0025	<0.0025	<0.0025				
9/7/2016				<0.0025	0.0019 (J)	0.0029	<0.0025
11/7/2016	<0.0025						
11/9/2016					0.0023 (J)	0.0025	<0.0025
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	<0.0025						
1/11/2017		<0.0025			0.0024 (J)	0.002 (J)	<0.0025
1/12/2017			<0.0025	<0.0025			
3/13/2017	<0.0025						
3/14/2017		<0.0025			0.0023 (J)	0.0025	<0.0025
3/15/2017			<0.0025	<0.0025			
5/15/2017	<0.0025						
5/18/2017		<0.0025	<0.0025	<0.0025	0.0023 (J)	0.002 (J)	<0.0025
3/12/2018	<0.0025						
3/14/2018		<0.0025	<0.0025	<0.0025	0.0023 (J)	0.0022 (J)	<0.0025
6/5/2018	<0.0025						
6/10/2018		<0.0025			0.0022 (J)	0.002 (J)	<0.0025
6/11/2018			<0.0025	<0.0025			
10/16/2018	<0.0025						
10/18/2018		<0.0025		<0.0025	0.0016 (J)	0.0029	<0.0025
10/19/2018			<0.0025				
2/27/2019	<0.0025	<0.0025					
3/1/2019					<0.0025	0.0026	<0.0025
3/2/2019			0.0028	0.0052			
5/31/2019	<0.0025	<0.0025					
6/3/2019			<0.0025		0.0015 (J)	0.0022 (J)	<0.0025
6/11/2019				0.0011 (J)			
11/6/2019	<0.0025	<0.0025					
11/7/2019				0.00028 (J)	<0.0025		
11/9/2019			0.00037 (J)			0.0022 (J)	<0.0025
4/16/2020	<0.0025	<0.0025					
4/17/2020				0.00026 (J)			<0.0025
4/18/2020			<0.0025		0.0016	0.0029	
10/7/2020	<0.0025	0.0046					
10/8/2020			<0.0025	<0.0025	0.0031	0.0028	0.0019 (J)
3/29/2021	<0.0025	0.0024					
3/30/2021			<0.0025	<0.0025		0.0015	<0.0025
3/31/2021					<0.0025		
9/2/2021	0.0014 (J)	<0.0025					
9/3/2021					0.0025	0.0011 (J)	<0.0025
9/7/2021			0.0012 (J)	0.0088			
3/22/2022	0.0046	0.0051					
3/23/2022			0.0063		0.001 (J)	0.00073	0.0044
3/24/2022				0.003			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0025	<0.0025				
3/1/2016					<0.0025	0.00056 (J)
3/2/2016			<0.0025	<0.0025		
5/2/2016	0.0019 (J)	0.0034				0.0021 (J)
5/3/2016					0.0012 (J)	
5/5/2016			<0.0025	<0.0025		
7/5/2016	0.0051	0.0059			<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025		
9/6/2016	<0.0025	<0.0025			<0.0025	<0.0025
9/7/2016			<0.0025	<0.0025		
11/7/2016	<0.0025	<0.0025			<0.0025	<0.0025
11/10/2016			<0.0025	<0.0025		
1/9/2017	0.017 (o)	<0.0025			<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025		
3/13/2017	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2017			<0.0025			
3/15/2017				<0.0025		
5/15/2017	<0.0025	<0.0025			<0.0025	<0.0025
5/18/2017			<0.0025	<0.0025		
3/12/2018	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2018			<0.0025	<0.0025		
6/5/2018	<0.0025	<0.0025				
6/6/2018					<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025		
10/16/2018	<0.0025	<0.0025				
10/17/2018					<0.0025	<0.0025
10/18/2018			<0.0025	<0.0025		
2/27/2019	<0.0025	<0.0025			<0.0025	<0.0025
3/1/2019			<0.0025	<0.0025		
5/31/2019	<0.0025	<0.0025			<0.0025	<0.0025
6/3/2019			<0.0025	<0.0025		
11/6/2019	<0.0025	<0.0025			<0.0025	<0.0025
11/7/2019			<0.0025	0.00042 (J)		
4/16/2020	<0.0025	<0.0025			<0.0025	<0.0025
4/17/2020			<0.0025	0.0004 (J)		
10/7/2020	0.001 (J)	0.0015 (J)			0.0033	0.0017 (J)
10/9/2020			<0.0025	0.0016 (J)		
3/29/2021	<0.0025	<0.0025			<0.0025	<0.0025
3/31/2021			0.016	<0.0025		
9/2/2021	<0.0025	<0.0025			<0.0025	<0.0025
9/3/2021			<0.0025	<0.0025		
3/22/2022	0.00032 (J)	0.00027 (J)			0.0088	0.0022
3/23/2022			0.0061	0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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)	<0.0025					
3/1/2016			<0.0025	0.001 (J)	0.017	<0.0025	0.0007 (J)
5/2/2016	0.0013 (J)						
5/4/2016		<0.0025					0.001 (J)
5/5/2016			<0.0025	0.00064 (J)	0.012	<0.0025	
7/5/2016	0.00049 (J)						
7/7/2016			<0.0025	<0.0025	0.012	<0.0025	
7/8/2016		<0.0025					0.00057 (J)
9/6/2016	0.00062 (J)	0.00042 (J)	<0.0025				
9/7/2016				0.00044 (J)	0.018	<0.0025	0.00061 (J)
11/7/2016	0.00049 (J)						
11/9/2016					0.022	<0.0025	0.00055 (J)
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	0.00045 (J)						
1/11/2017		<0.0025			0.025	<0.0025	0.00045 (J)
1/12/2017			<0.0025	<0.0025			
3/13/2017	0.00048 (J)						
3/14/2017		<0.0025			0.019	<0.0025	0.00059 (J)
3/15/2017			<0.0025	<0.0025			
5/15/2017	0.00052 (J)						
5/18/2017		<0.0025	<0.0025	<0.0025	0.023	<0.0025	0.00059 (J)
3/12/2018	0.00055 (J)						
3/14/2018		<0.0025	<0.0025	<0.0025	0.014	<0.0025	0.00044 (J)
6/5/2018	0.00051 (J)						
6/10/2018		<0.0025			0.029	<0.0025	0.0004 (J)
6/11/2018			<0.0025	<0.0025			
10/16/2018	0.00058 (J)						
10/18/2018		<0.0025		<0.0025	0.016	<0.0025	<0.0025
10/19/2018			<0.0025				
2/27/2019	0.00065 (J)	<0.0025					
3/1/2019					0.009	<0.0025	<0.0025
3/2/2019			<0.0025	0.00041 (J)			
5/31/2019	0.00046 (J)	<0.0025					
6/3/2019			<0.0025		0.015	<0.0025	<0.0025
6/11/2019				<0.0025			
11/6/2019	0.00056 (J)	0.00033 (J)					
11/7/2019				0.00015 (J)	0.022		
11/9/2019			0.00016 (J)			0.00087 (J)	0.00036 (J)
4/16/2020	0.00058	0.00035 (J)					
4/17/2020				0.00021 (J)			0.00036 (J)
4/18/2020			0.00023 (J)		0.013	0.00037 (J)	
10/7/2020	0.0006 (J)	<0.0025					
10/8/2020			<0.0025	<0.0025	0.017	<0.0025	<0.0025
3/29/2021	0.00059	<0.0025					
3/30/2021			<0.0025	<0.0025		<0.0025	<0.0025
3/31/2021					0.018		
9/2/2021	0.00069 (J)	<0.0025					
9/3/2021					0.018	<0.0025	<0.0025
9/7/2021			<0.0025	<0.0025			
3/22/2022	0.0014	0.0012					
3/23/2022			0.00088		0.023	0.00017 (J)	0.00099
3/24/2022				0.00026 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			<0.0025	0.00055 (J)
7/7/2016			0.0043	0.0041		
9/6/2016	0.00062 (J)	<0.0025			0.00094 (J)	0.00057 (J)
9/7/2016			0.0049	0.0047		
11/7/2016	0.00058 (J)	<0.0025			0.00041 (J)	0.00047 (J)
11/10/2016			0.004	0.0043		
1/9/2017	0.00059 (J)	<0.0025			0.00074 (J)	0.00054 (J)
1/12/2017			0.0045	0.0048		
3/13/2017	0.0005 (J)	<0.0025			0.00091 (J)	0.0004 (J)
3/14/2017			0.0039			
3/15/2017				0.0066		
5/15/2017	0.00046 (J)	<0.0025			0.00075 (J)	0.00046 (J)
5/18/2017			0.005	0.0065		
3/12/2018	0.00055 (J)	<0.0025			0.00044 (J)	<0.0025
3/14/2018			0.0038	0.012		
6/5/2018	0.00052 (J)	<0.0025				
6/6/2018					0.0004 (J)	0.00048 (J)
6/11/2018			0.0044	0.0096		
10/16/2018	0.00045 (J)	<0.0025				
10/17/2018					<0.0025	0.00043 (J)
10/18/2018			0.0036	0.025		
2/27/2019	0.00056 (J)	<0.0025			<0.0025	0.00045 (J)
3/1/2019			0.0052	0.02		
5/31/2019	<0.0025	<0.0025			<0.0025	<0.0025
6/3/2019			0.0071	0.0053		
11/6/2019	0.00048 (J)	0.00019 (J)			0.00029 (J)	0.00094 (J)
11/7/2019			0.0085	0.019		
4/16/2020	0.00043 (J)	0.00021 (J)			0.00029 (J)	0.00053
4/17/2020			0.0089	0.013		
10/7/2020	<0.0025	<0.0025			<0.0025	<0.0025
10/9/2020			0.0072	0.015		
3/29/2021	<0.0025	<0.0025			<0.0025	0.00062
3/31/2021			0.0023	0.0091		
9/2/2021	<0.0025	<0.0025			<0.0025	0.00069 (J)
9/3/2021			0.015	0.0032		
3/22/2022	0.00038 (J)	0.0002 (J)			0.0014	0.0016
3/23/2022			0.0094	0.013		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	1.75	1.1					
3/23/2022			2.18		16.5	1.79	1.17
3/24/2022				4.52			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	1.78	3.12			1.33	1.32
3/23/2022			3.57	6.71		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	4.9	5.02					
3/23/2022			5.02		4.15	6.48	4.99
3/24/2022				5.02			

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	4.91	4.89			5.1	5.18
3/23/2022			5	5.01		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.1	<0.1					
3/1/2016			<0.1	0.037 (J)	0.46	0.041 (J)	<0.1
5/2/2016	<0.1						
5/4/2016		<0.1					<0.1
5/5/2016			<0.1	<0.1	0.27	<0.1	
7/5/2016	<0.1						
7/7/2016			<0.1	<0.1	0.29	<0.1	
7/8/2016		<0.1					<0.1
9/6/2016	<0.1	<0.1	<0.1				
9/7/2016				<0.1	0.33	<0.1	<0.1
11/7/2016	<0.1						
11/9/2016					0.29	<0.1	<0.1
11/10/2016		<0.1	<0.1	<0.1			
1/9/2017	<0.1						
1/11/2017		<0.1			0.42	<0.1	<0.1
1/12/2017			<0.1	<0.1			
3/13/2017	<0.1						
3/14/2017		<0.1			0.34	<0.1	<0.1
3/15/2017			<0.1	<0.1			
5/15/2017	<0.1						
5/18/2017		<0.1	<0.1	<0.1	0.47	<0.1	<0.1
10/2/2017	<0.1						
10/5/2017		<0.1			0.22	<0.1	<0.1
10/6/2017			<0.1	<0.1			
12/19/2017					0.26 (R)		
3/12/2018	<0.1						
3/14/2018		0.12	<0.1	<0.1	0.3	<0.1	<0.1
6/5/2018	<0.1						
6/10/2018		<0.1			0.38	<0.1	<0.1
6/11/2018			<0.1	<0.1			
10/16/2018	<0.1						
10/18/2018		<0.1		<0.1	0.26	0.04 (J)	<0.1
10/19/2018			<0.1				
2/27/2019	<0.1	<0.1					
3/1/2019					0.1	<0.1	<0.1
3/2/2019			<0.1	<0.1			
5/31/2019	<0.1	<0.1					
6/3/2019			<0.1		0.22	0.04 (J)	<0.1
6/11/2019				<0.1			
11/6/2019	<0.1	<0.1					
11/7/2019				<0.1	0.21		
11/9/2019			<0.1			<0.1	<0.1
4/16/2020	<0.1	<0.1					
4/17/2020				<0.1			<0.1
4/18/2020			<0.1		0.3	0.04 (J)	
10/7/2020	<0.1	<0.1					
10/8/2020			<0.1	0.24	0.26	0.04 (J)	<0.1
3/29/2021	0.06	<0.1					
3/30/2021			<0.1	<0.1		0.04	<0.1
3/31/2021					0.34		
9/2/2021	0.08 (J)	0.04 (J)					
9/3/2021					0.41	0.07 (J)	<0.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<0.1	<0.1			
3/22/2022	<0.1	<0.1					
3/23/2022			<0.1		0.3	<0.1	<0.1
3/24/2022				<0.1			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.1	<0.1				
3/1/2016					<0.1	0.033 (J)
3/2/2016			<0.1	0.039 (J)		
5/2/2016	<0.1	<0.1				<0.1
5/3/2016					<0.1	
5/5/2016			<0.1	<0.1		
7/5/2016	<0.1	<0.1			<0.1	<0.1
7/7/2016			<0.1	<0.1		
9/6/2016	<0.1	<0.1			<0.1	<0.1
9/7/2016			<0.1	<0.1		
11/7/2016	<0.1	<0.1			<0.1	<0.1
11/10/2016			<0.1	<0.1		
1/9/2017	<0.1	<0.1			<0.1	<0.1
1/12/2017			<0.1	<0.1		
3/13/2017	<0.1	<0.1			<0.1	<0.1
3/14/2017			<0.1			
3/15/2017				<0.1		
5/15/2017	<0.1	<0.1			<0.1	<0.1
5/18/2017			<0.1	<0.1		
10/2/2017	<0.1	<0.1			<0.1	<0.1
10/5/2017			<0.1			
10/6/2017				<0.1		
3/12/2018	<0.1	<0.1			<0.1	<0.1
3/14/2018			<0.1	<0.1		
6/5/2018	<0.1	<0.1				
6/6/2018					<0.1	<0.1
6/11/2018			<0.1	0.04 (J)		
10/16/2018	<0.1	<0.1				
10/17/2018					<0.1	<0.1
10/18/2018			<0.1	0.04 (J)		
2/27/2019	<0.1	<0.1			<0.1	<0.1
3/1/2019			<0.1	<0.1		
5/31/2019	<0.1	<0.1			<0.1	<0.1
6/3/2019			<0.1	0.04 (J)		
11/6/2019	<0.1	<0.1			<0.1	<0.1
11/7/2019			<0.1	0.04 (J)		
4/16/2020	<0.1	<0.1			<0.1	<0.1
4/17/2020			<0.1	0.04 (J)		
10/7/2020	<0.1	<0.1			<0.1	<0.1
10/9/2020			<0.1	<0.1		
3/29/2021	<0.1	<0.1			<0.1	<0.1
3/31/2021			<0.1	0.04		
9/2/2021	0.1	<0.1			<0.1	0.04 (J)
9/3/2021			0.05 (J)	0.07 (J)		
3/22/2022	<0.1	<0.1			<0.1	<0.1
3/23/2022			<0.1	<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00025	<0.00025					
3/1/2016			<0.00025	<0.00025	0.0018 (J)	<0.00025	<0.00025
5/2/2016	<0.00025						
5/4/2016		<0.00025					<0.00025
5/5/2016			<0.00025	<0.00025	0.0015	<0.00025	
7/5/2016	<0.00025						
7/7/2016			<0.00025	<0.00025	0.0018	<0.00025	
7/8/2016		<0.00025					<0.00025
9/6/2016	<0.00025	<0.00025	<0.00025				
9/7/2016				<0.00025	0.0024	<0.00025	<0.00025
11/7/2016	<0.00025						
11/9/2016					0.0023	<0.00025	<0.00025
11/10/2016		<0.00025	<0.00025	<0.00025			
1/9/2017	<0.00025						
1/11/2017		<0.00025			0.0027	<0.00025	<0.00025
1/12/2017			<0.00025	<0.00025			
3/13/2017	<0.00025						
3/14/2017		<0.00025			0.0024	<0.00025	<0.00025
3/15/2017			<0.00025	<0.00025			
5/15/2017	<0.00025						
5/18/2017		<0.00025	<0.00025	<0.00025	0.0029	<0.00025	<0.00025
3/12/2018	<0.00025						
3/14/2018		<0.00025	<0.00025	<0.00025	0.0023	<0.00025	<0.00025
6/5/2018	<0.00025						
6/10/2018		<0.00025			0.0024	<0.00025	<0.00025
6/11/2018			<0.00025	<0.00025			
10/16/2018	<0.00025						
10/18/2018		<0.00025		<0.00025	0.002	<0.00025	0.00039 (J)
10/19/2018			<0.00025				
2/27/2019	<0.00025	<0.00025					
3/1/2019					0.0012 (J)	<0.00025	<0.00025
3/2/2019			<0.00025	<0.00025			
5/31/2019	<0.00025	<0.00025					
6/3/2019			<0.00025		0.0018	0.00091 (J)	<0.00025
6/11/2019				<0.00025			
11/6/2019	0.0001 (J)	<0.00025					
11/7/2019				0.00011 (J)	0.002		
11/9/2019			0.00014 (J)			0.00012 (J)	<0.00025
4/16/2020	6.6E-05 (J)	<0.00025					
4/17/2020				<0.00025			<0.00025
4/18/2020			0.00018 (J)		0.0024	<0.00025	
10/7/2020	<0.00025	<0.00025					
10/8/2020			<0.00025	<0.00025	0.0019	<0.00025	<0.00025
3/29/2021	<0.00025	<0.00025					
3/30/2021			<0.00025	<0.00025		<0.00025	<0.00025
3/31/2021					0.0022		
9/2/2021	<0.00025	<0.00025					
9/3/2021					0.002	<0.00025	<0.00025
9/7/2021			<0.00025	<0.00025			
3/22/2022	<0.00025	<0.00025					
3/23/2022			<0.00025		0.0018	<0.00025	<0.00025
3/24/2022				<0.00025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00025	<0.00025				
3/1/2016					<0.00025	<0.00025
3/2/2016			<0.00025	<0.00025		
5/2/2016	<0.00025	<0.00025				<0.00025
5/3/2016					<0.00025	
5/5/2016			<0.00025	<0.00025		
7/5/2016	<0.00025	<0.00025			<0.00025	<0.00025
7/7/2016			<0.00025	<0.00025		
9/6/2016	<0.00025	<0.00025			<0.00025	<0.00025
9/7/2016			<0.00025	<0.00025		
11/7/2016	<0.00025	<0.00025			<0.00025	<0.00025
11/10/2016			<0.00025	<0.00025		
1/9/2017	<0.00025	<0.00025			<0.00025	<0.00025
1/12/2017			<0.00025	<0.00025		
3/13/2017	<0.00025	<0.00025			<0.00025	<0.00025
3/14/2017			<0.00025			
3/15/2017				<0.00025		
5/15/2017	<0.00025	<0.00025			<0.00025	<0.00025
5/18/2017			<0.00025	<0.00025		
3/12/2018	<0.00025	<0.00025			<0.00025	<0.00025
3/14/2018			<0.00025	<0.00025		
6/5/2018	<0.00025	<0.00025				
6/6/2018					<0.00025	<0.00025
6/11/2018			<0.00025	<0.00025		
10/16/2018	<0.00025	<0.00025				
10/17/2018					<0.00025	<0.00025
10/18/2018			<0.00025	<0.00025		
2/27/2019	0.001 (J)	<0.00025			<0.00025	<0.00025
3/1/2019			<0.00025	<0.00025		
5/31/2019	<0.00025	<0.00025			<0.00025	<0.00025
6/3/2019			0.00067 (J)	0.00037 (J)		
11/6/2019	6.6E-05 (J)	8.4E-05 (J)			<0.00025	0.0002 (J)
11/7/2019			9.4E-05 (J)	0.0003 (J)		
4/16/2020	<0.00025	<0.00025			<0.00025	0.00016 (J)
4/17/2020			0.00011 (J)	0.00033		
10/7/2020	<0.00025	<0.00025			<0.00025	<0.00025
10/9/2020			0.0012 (J)	0.0003 (J)		
3/29/2021	<0.00025	<0.00025			<0.00025	<0.00025
3/31/2021			<0.00025	0.0004		
9/2/2021	<0.00025	<0.00025			<0.00025	<0.00025
9/3/2021			<0.00025	<0.00025		
3/22/2022	<0.00025	<0.00025			<0.00025	<0.00025
3/23/2022			<0.00025	<0.00025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	0.057	<0.001	<0.001
5/2/2016	<0.001						
5/4/2016		<0.001					<0.001
5/5/2016			<0.001	<0.001	0.044	<0.001	
7/5/2016	<0.001						
7/7/2016			<0.001	<0.001	0.04	<0.001	
7/8/2016		<0.001					<0.001
9/6/2016	<0.001	0.0037 (J)	<0.001				
9/7/2016				<0.001	0.033	<0.001	0.0073
11/7/2016	<0.001						
11/9/2016					0.035	<0.001	<0.001
11/10/2016		<0.001	<0.001	<0.001			
1/9/2017	<0.001						
1/11/2017		<0.001			0.028	<0.001	<0.001
1/12/2017			<0.001	<0.001			
3/13/2017	<0.001						
3/14/2017		<0.001			0.037	<0.001	0.0035 (J)
3/15/2017			<0.001	0.0038 (J)			
5/15/2017	<0.001						
5/18/2017		<0.001	<0.001	<0.001	0.024	<0.001	<0.001
3/12/2018	0.0011 (J)						
3/14/2018		<0.001	<0.001	0.002 (J)	0.028	<0.001	<0.001
6/5/2018	<0.001						
6/10/2018		<0.001			0.019	<0.001	<0.001
6/11/2018			<0.001	0.0015 (J)			
10/16/2018	<0.001						
10/18/2018		0.0013 (J)		0.0017 (J)	0.022	<0.001	0.0012 (J)
10/19/2018			0.0012 (J)				
2/27/2019	<0.001	<0.001					
3/1/2019					0.017	<0.001	0.0012 (J)
3/2/2019			0.0014 (J)	0.0011 (J)			
5/31/2019	0.0021 (J)	0.0013 (J)					
6/3/2019			<0.001		0.017	<0.001	<0.001
6/11/2019				0.0025 (J)			
11/6/2019	0.0011	0.001					
11/7/2019				0.00097 (J)	0.019		
11/9/2019			0.0009 (J)			<0.001	0.00068 (J)
4/16/2020	0.0006 (J)	<0.001					
4/17/2020				0.0021			0.00043 (J)
4/18/2020			<0.001		0.017	0.00039 (J)	
10/7/2020	0.0054	0.0052					
10/8/2020			<0.001	<0.001	0.017	<0.001	<0.001
3/29/2021	<0.001	0.0019					
3/30/2021			<0.001	0.002		<0.001	<0.001
3/31/2021					0.015		
9/2/2021	<0.001	<0.001					
9/3/2021					0.021	<0.001	<0.001
9/7/2021			<0.001	0.0027 (J)			
3/22/2022	0.0013	0.0014					
3/23/2022			<0.001		0.02	<0.001	<0.001
3/24/2022				0.00099 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	0.0037
3/2/2016			0.0095 (J)	0.0082 (J)		
5/2/2016	<0.001	<0.001				<0.001
5/3/2016					<0.001	
5/5/2016			0.0059	0.0072		
7/5/2016	<0.001	<0.001			<0.001	<0.001
7/7/2016			0.006	0.0092		
9/6/2016	<0.001	<0.001			<0.001	<0.001
9/7/2016			0.0049 (J)	0.0069		
11/7/2016	<0.001	<0.001			<0.001	0.0097 (o)
11/10/2016			0.0055	0.0045 (J)		
1/9/2017	<0.001	<0.001			<0.001	<0.001
1/12/2017			0.0045 (J)	0.0073		
3/13/2017	<0.001	<0.001			<0.001	<0.001
3/14/2017			0.0069			
3/15/2017				0.012		
5/15/2017	<0.001	<0.001			<0.001	<0.001
5/18/2017			0.0055	0.0084		
3/12/2018	0.0014 (J)	<0.001			<0.001	<0.001
3/14/2018			0.0059	0.012		
6/5/2018	0.0012 (J)	<0.001				
6/6/2018					<0.001	0.0021 (J)
6/11/2018			0.0042 (J)	0.009		
10/16/2018	0.0015 (J)	0.0013 (J)				
10/17/2018					<0.001	0.0012 (J)
10/18/2018			0.0062	0.011		
2/27/2019	<0.001	<0.001			<0.001	0.002 (J)
3/1/2019			0.0054	0.0077		
5/31/2019	0.0017 (J)	0.0017 (J)			0.0015 (J)	0.0026 (J)
6/3/2019			0.0054	0.0082		
11/6/2019	0.0011	<0.001			0.00063 (J)	0.0012
11/7/2019			0.0052	0.014		
4/16/2020	0.00063 (J)	<0.001			<0.001	0.00091 (J)
4/17/2020			0.0076	0.0092		
10/7/2020	0.0054	0.0048 (J)			0.005	0.0049 (J)
10/9/2020			0.0053	0.011		
3/29/2021	<0.001	<0.001			<0.001	0.0042
3/31/2021			0.0059	0.017		
9/2/2021	<0.001	<0.001			<0.001	<0.001
9/3/2021			0.0067	0.092		
3/22/2022	<0.001	<0.001			0.0012	<0.001
3/23/2022			0.0062	0.011		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0002	<0.0002					
3/1/2016			<0.0002	<0.0002	0.00089	<0.0002	<0.0002
5/2/2016	<0.0002						
5/4/2016		<0.0002					<0.0002
5/5/2016			<0.0002	<0.0002	0.00054	<0.0002	
7/5/2016	<0.0002						
7/7/2016			<0.0002	<0.0002 (*)	0.00066 (V)	<0.0002	
7/8/2016		<0.0002 (*)					<0.0002 (*)
9/6/2016	<0.0002 (*)	<0.0002	<0.0002				
9/7/2016				<0.0002	0.0016	<0.0002	<0.0002
11/7/2016	<0.0002						
11/9/2016					0.0015	<0.0002	<0.0002
11/10/2016		<0.0002	<0.0002	<0.0002			
1/9/2017	<0.0002 (*)						
1/11/2017		<0.0002			0.0025	<0.0002	<0.0002
1/12/2017			<0.0002	<0.0002			
3/13/2017	<0.0002						
3/14/2017		<0.0002 (*)			0.0012	<0.0002	<0.0002
3/15/2017			<0.0002	<0.0002 (*)			
5/15/2017	<0.0002						
5/18/2017		<0.0002	<0.0002	<0.0002	0.0014	<0.0002	<0.0002
3/12/2018	<0.0002						
3/14/2018		9.3E-05 (J)	9.4E-05 (J)	0.00012 (J)	0.0011	<0.0002	8E-05 (J)
6/5/2018	<0.0002						
6/10/2018		<0.0002			0.0014	<0.0002	<0.0002
6/11/2018			<0.0002	<0.0002			
10/16/2018	<0.0002						
10/18/2018		<0.0002		<0.0002	0.00087	<0.0002	<0.0002
10/19/2018			9.4E-05 (J)				
2/27/2019	<0.0002	<0.0002					
3/1/2019					0.00077	<0.0002	<0.0002
3/2/2019			<0.0002	<0.0002			
5/31/2019	<0.0002	<0.0002					
6/3/2019			<0.0002		0.00054	<0.0002	<0.0002
6/11/2019				<0.0002			
11/6/2019	<0.0002	<0.0002					
11/7/2019				<0.0002	0.00053		
11/9/2019			<0.0002			<0.0002	<0.0002
4/16/2020	<0.0002	<0.0002					
4/17/2020				0.00062			<0.0002
4/18/2020			<0.0002		0.00069	<0.0002	
10/7/2020	<0.0002	<0.0002					
10/8/2020			<0.0002	0.00016 (J)	0.00087	<0.0002	<0.0002
3/29/2021	<0.0002	<0.0002					
3/30/2021			<0.0002	<0.0002		<0.0002	<0.0002
3/31/2021					0.00072		
9/2/2021	<0.0002	<0.0002					
9/3/2021					0.00048	<0.0002	<0.0002
9/7/2021			<0.0002	<0.0002			
3/22/2022	<0.0002	<0.0002					
3/23/2022			<0.0002		0.00032	<0.0002	<0.0002
3/24/2022				<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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)	<0.0002				
3/1/2016					<0.0002	<0.0002
3/2/2016			<0.0002	0.007		
5/2/2016	7.4E-05 (J)	<0.0002				<0.0002
5/3/2016					<0.0002	
5/5/2016			<0.0002	0.006		
7/5/2016	<0.0002	<0.0002			<0.0002	<0.0002
7/7/2016			<0.0002 (*)	0.0053		
9/6/2016	<0.0002 (*)	<0.0002			<0.0002 (*)	<0.0002 (*)
9/7/2016			<0.0002	0.0067		
11/7/2016	<0.0002	<0.0002			<0.0002	<0.0002
11/10/2016			<0.0002	0.00014 (J)		
1/9/2017	<0.0002 (*)	<0.0002 (*)			<0.0002 (*)	<0.0002 (*)
1/12/2017			<0.0002	0.0052		
3/13/2017	<0.0002	<0.0002			<0.0002	<0.0002
3/14/2017			<0.0002			
3/15/2017				0.0048		
5/15/2017	<0.0002	<0.0002			<0.0002	<0.0002
5/18/2017			<0.0002	0.0074		
3/12/2018	<0.0002	<0.0002			<0.0002	<0.0002
3/14/2018			9.7E-05 (J)	0.0059		
6/5/2018	<0.0002	<0.0002				
6/6/2018					<0.0002	<0.0002
6/11/2018			<0.0002	0.0042		
10/16/2018	<0.0002	<0.0002				
10/17/2018					<0.0002	<0.0002
10/18/2018			<0.0002	0.0034		
2/27/2019	<0.0002	<0.0002			<0.0002	<0.0002
3/1/2019			<0.0002	0.0041		
5/31/2019	<0.0002	<0.0002			<0.0002	<0.0002
6/3/2019			<0.0002	0.0025		
11/6/2019	<0.0002	<0.0002			<0.0002	<0.0002
11/7/2019			0.0012	0.0034		
4/16/2020	<0.0002	<0.0002			<0.0002	<0.0002
4/17/2020			0.0032	0.0063		
10/7/2020	0.00025	0.00013 (J)			8E-05 (J)	<0.0002
10/9/2020			0.0014	0.0049		
3/29/2021	<0.0002	<0.0002			<0.0002	<0.0002
3/31/2021			0.00035	0.0055		
9/2/2021	<0.0002	<0.0002			<0.0002	<0.0002
9/3/2021			0.0012	0.0012		
3/22/2022	<0.0002	<0.0002			<0.0002	<0.0002
3/23/2022			0.00047	0.0034		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.015	<0.015					
3/1/2016			<0.015	<0.015	<0.015	0.004 (J)	<0.015
5/2/2016	<0.015						
5/4/2016		<0.015					<0.015
5/5/2016			<0.015	<0.015	<0.015	0.0093 (J)	
7/5/2016	<0.015						
7/7/2016			<0.015	<0.015	<0.015	0.0047 (J)	
7/8/2016		<0.015					<0.015
9/6/2016	<0.015	<0.015	<0.015				
9/7/2016				<0.015	<0.015	0.004 (J)	<0.015
11/7/2016	<0.015						
11/9/2016					<0.015	0.0037 (J)	<0.015
11/10/2016		<0.015	<0.015	<0.015			
1/9/2017	<0.015						
1/11/2017		<0.015			<0.015	0.0052 (J)	<0.015
1/12/2017			<0.015	<0.015			
3/13/2017	0.0042 (J)						
3/14/2017		<0.015			<0.015	0.004 (J)	<0.015
3/15/2017			<0.015	<0.015			
5/15/2017	<0.015						
5/18/2017		<0.015	<0.015	<0.015	<0.015	0.0043 (J)	<0.015
3/12/2018	<0.015						
3/14/2018		<0.015	<0.015	<0.015	<0.015	0.0054 (J)	<0.015
6/5/2018	<0.015						
6/10/2018		<0.015			<0.015	0.0035 (J)	<0.015
6/11/2018			<0.015	<0.015			
10/16/2018	<0.015						
10/18/2018		<0.015		<0.015	<0.015	0.0032 (J)	<0.015
10/19/2018			<0.015				
2/27/2019	<0.015	<0.015					
3/1/2019					<0.015	0.0047 (J)	<0.015
3/2/2019			<0.015	<0.015			
5/31/2019	<0.015	<0.015					
6/3/2019			<0.015		<0.015	0.0033 (J)	<0.015
6/11/2019				<0.015			
11/6/2019	<0.015	<0.015					
11/7/2019				<0.015	<0.015		
11/9/2019			<0.015			0.0025 (J)	<0.015
4/16/2020	<0.015	<0.015					
4/17/2020				<0.015			<0.015
4/18/2020			<0.015		<0.015	0.003	
10/7/2020	<0.015	<0.015					
10/8/2020			<0.015	<0.015	<0.015	<0.015	<0.015
3/29/2021	<0.015	<0.015					
3/30/2021			<0.015	<0.015		0.005	<0.015
3/31/2021					<0.015		
9/2/2021	<0.015	<0.015					
9/3/2021					<0.015	0.0057 (J)	<0.015
9/7/2021			<0.015	<0.015			
3/22/2022	0.00066 (J)	0.00064 (J)					
3/23/2022			0.00091 (J)		<0.015	0.0089	0.00068 (J)
3/24/2022				0.00092 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.015	<0.015				
3/1/2016					<0.015	<0.015
3/2/2016			<0.015	<0.015		
5/2/2016	<0.015	<0.015				<0.015
5/3/2016					<0.015	
5/5/2016			<0.015	<0.015		
7/5/2016	<0.015	<0.015			<0.015	<0.015
7/7/2016			<0.015	<0.015		
9/6/2016	<0.015	<0.015			<0.015	<0.015
9/7/2016			<0.015	<0.015		
11/7/2016	<0.015	<0.015			<0.015	<0.015
11/10/2016			<0.015	<0.015		
1/9/2017	<0.015	<0.015			<0.015	<0.015
1/12/2017			<0.015	<0.015		
3/13/2017	<0.015	0.0022 (J)			<0.015	<0.015
3/14/2017			<0.015			
3/15/2017				<0.015		
5/15/2017	<0.015	<0.015			<0.015	<0.015
5/18/2017			<0.015	<0.015		
3/12/2018	<0.015	<0.015			<0.015	<0.015
3/14/2018			<0.015	<0.015		
6/5/2018	0.00088 (J)	<0.015				
6/6/2018					<0.015	<0.015
6/11/2018			<0.015	<0.015		
10/16/2018	<0.015	<0.015				
10/17/2018					<0.015	<0.015
10/18/2018			<0.015	<0.015		
2/27/2019	<0.015	<0.015			<0.015	<0.015
3/1/2019			<0.015	<0.015		
5/31/2019	<0.015	<0.015			<0.015	<0.015
6/3/2019			<0.015	<0.015		
11/6/2019	<0.015	<0.015			<0.015	<0.015
11/7/2019			<0.015	<0.015		
4/16/2020	<0.015	<0.015			<0.015	<0.015
4/17/2020			<0.015	<0.015		
10/7/2020	<0.015	<0.015			<0.015	<0.015
10/9/2020			<0.015	<0.015		
3/29/2021	<0.015	<0.015			<0.015	<0.015
3/31/2021			<0.015	<0.015		
9/2/2021	<0.015	<0.015			<0.015	<0.015
9/3/2021			<0.015	<0.015		
3/22/2022	<0.015	<0.015			0.0011 (J)	0.00031 (J)
3/23/2022			0.0009 (J)	<0.015		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.00025	<0.00025					
3/1/2016			<0.00025	0.0028 (J)	0.0054 (J)	<0.00025	<0.00025
5/2/2016	<0.00025						
5/4/2016		<0.00025					<0.00025
5/5/2016			0.00029 (J)	0.0026	0.0038	0.0003 (J)	
7/5/2016	<0.00025						
7/7/2016			<0.00025 (*)	0.0025	0.0043	<0.00025	
7/8/2016		<0.00025					<0.00025
9/6/2016	0.00049 (J)	<0.00025	<0.00025				
9/7/2016				0.0031	0.0099	0.00026 (J)	<0.00025
11/7/2016	<0.00025						
11/9/2016					0.012	0.00038 (J)	<0.00025
11/10/2016		<0.00025	<0.00025	0.0028			
1/9/2017	<0.00025						
1/11/2017		0.00049 (J)			0.022	<0.00025	<0.00025
1/12/2017			<0.00025	0.0028			
3/13/2017	0.0023						
3/14/2017		<0.00025			0.011	<0.00025	<0.00025
3/15/2017			<0.00025	0.0027			
5/15/2017	<0.00025						
5/18/2017		<0.00025	<0.00025	0.0036	0.018	<0.00025	<0.00025
3/12/2018	0.00046 (J)						
3/14/2018		0.00067 (J)	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.00025
6/5/2018	0.00049 (J)						
6/10/2018		0.00028 (J)			0.015	0.00043 (J)	<0.00025
6/11/2018			0.00028 (J)	0.003			
10/16/2018	<0.00025						
10/18/2018		<0.00025		0.0016	0.0049	<0.00025	<0.00025
10/19/2018			<0.00025				
2/27/2019	<0.00025	<0.00025					
3/1/2019					0.0026	<0.00025	<0.00025
3/2/2019			<0.00025	<0.00025			
5/31/2019	<0.00025	<0.00025					
6/3/2019			<0.00025		0.0039	<0.00025	<0.00025
6/11/2019				0.0014			
11/6/2019	<0.00025	<0.00025					
11/7/2019				0.002	0.0085		
11/9/2019			<0.00025			0.00041	<0.00025
4/16/2020	<0.00025	<0.00025					
4/17/2020				0.0022			<0.00025
4/18/2020			0.00019 (J)		0.0084	0.0004	
10/7/2020	<0.00025	<0.00025					
10/8/2020			<0.00025	0.0014	0.0045	<0.00025	<0.00025
3/29/2021	<0.00025	<0.00025					
3/30/2021			<0.00025	0.0019		<0.00025	<0.00025
3/31/2021					0.011		
9/2/2021	<0.00025	<0.00025					
9/3/2021					0.0054	<0.00025	<0.00025
9/7/2021			<0.00025	0.0014			
3/22/2022	<0.00025	<0.00025					
3/23/2022			0.00025		0.0067	0.00023 (J)	<0.00025
3/24/2022				0.0014			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.00025	<0.00025				
3/1/2016					<0.00025	<0.00025
3/2/2016			<0.00025	0.0025 (J)		
5/2/2016	<0.00025	0.00025 (J)				<0.00025
5/3/2016					<0.00025	
5/5/2016			<0.00025	0.0033		
7/5/2016	<0.00025	<0.00025			<0.00025	<0.00025
7/7/2016			<0.00025	0.0031		
9/6/2016	<0.00025	0.00027 (J)			<0.00025	<0.00025
9/7/2016			<0.00025	0.0034		
11/7/2016	<0.00025	<0.00025			<0.00025	<0.00025
11/10/2016			<0.00025	0.0038		
1/9/2017	<0.00025	<0.00025			<0.00025	<0.00025
1/12/2017			<0.00025	0.0034		
3/13/2017	<0.00025	0.0025			<0.00025	<0.00025
3/14/2017			<0.00025			
3/15/2017				0.0032		
5/15/2017	<0.00025	<0.00025			<0.00025	<0.00025
5/18/2017			<0.00025	0.0034		
3/12/2018	0.00064 (J)	0.00047 (J)			0.00026 (J)	<0.00025
3/14/2018			<0.00025	0.0038		
6/5/2018	0.00098 (J)	0.00065 (J)				
6/6/2018					0.00025 (J)	0.00026 (J)
6/11/2018			<0.00025	0.0037		
10/16/2018	<0.00025	<0.00025				
10/17/2018					<0.00025	<0.00025
10/18/2018			<0.00025	0.0033		
2/27/2019	<0.00025	<0.00025			<0.00025	<0.00025
3/1/2019			<0.00025	0.0033		
5/31/2019	<0.00025	<0.00025			<0.00025	<0.00025
6/3/2019			<0.00025	0.0035		
11/6/2019	<0.00025	0.00034			<0.00025	<0.00025
11/7/2019			0.00024 (J)	0.0034		
4/16/2020	<0.00025	0.0004			<0.00025	<0.00025
4/17/2020			0.0002 (J)	0.0039		
10/7/2020	<0.00025	<0.00025			<0.00025	<0.00025
10/9/2020			<0.00025	0.0031		
3/29/2021	<0.00025	<0.00025			<0.00025	<0.00025
3/31/2021			<0.00025	0.0046		
9/2/2021	<0.00025	<0.00025			<0.00025	<0.00025
9/3/2021			<0.00025	0.0035		
3/22/2022	<0.00025	0.00051			<0.00025	<0.00025
3/23/2022			0.00035	0.0034		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	<5					
3/1/2016			<5	26	380	17	<5
5/2/2016	15 (o)						
5/4/2016		<5					<5
5/5/2016			<5	31	280	11	
7/5/2016	<5						
7/7/2016			<5	31	330	33	
7/8/2016		<5					<5
9/6/2016	<5	<5	<5				
9/7/2016				41	550	18	<5
11/7/2016	<5						
11/9/2016					700	52	<5
11/10/2016		<5	<5	39			
1/9/2017	<5						
1/11/2017		<5			670	31	<5
1/12/2017			<5	35			
3/13/2017	2.5 (J)						
3/14/2017		<5			670	20	<5
3/15/2017			<5 (*)	43			
5/15/2017	<5						
5/18/2017		<5 (X)	<5 (X)	35	790	35	<5 (X)
10/2/2017	<5						
10/5/2017		<5			500	7.7	<5
10/6/2017			<5	39			
12/19/2017				36 (R)	400 (R)	51 (R)	
3/12/2018	<5						
3/14/2018		<5	<5	38	540	22	<5
6/5/2018	<5						
6/10/2018		1.5 (J)			760	96	1.4 (J)
6/11/2018			1.7 (J)	34			
10/16/2018	<5						
10/18/2018		<5		31	460	6.6	<5
10/19/2018			3.4 (J)				
2/27/2019	<5	1.9 (J)					
3/1/2019					240	9.6	<5
3/2/2019			<5	35			
5/31/2019	<5	<5					
6/3/2019			3.5 (J)		480	58	<5
6/11/2019				32			
11/6/2019	<5	<5					
11/7/2019				27	610		
11/9/2019			<5			120	<5
4/16/2020	<5	<5					
4/17/2020				31			<5
4/18/2020			<5		670	32	
10/7/2020	<5	<5					
10/8/2020			<5	30	590	9.3	<5
3/29/2021	<5	<5					
3/30/2021			<5	32		7.6	<5
3/31/2021					670		
9/2/2021	<5	<5					
9/3/2021					480	9.3	<5

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<5	22			
3/22/2022	<5	<5					
3/23/2022			1.8 (J)		560	24	<5
3/24/2022				28			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	1.6 (J)				
3/1/2016					<5	<5
3/2/2016			13	150		
5/2/2016	<5	2.1 (J)				<5
5/3/2016					<5	
5/5/2016			15	200		
7/5/2016	<5	2 (J)			<5	<5
7/7/2016			14	200		
9/6/2016	<5	1.8 (J)			<5	3.7 (J)
9/7/2016			15	200		
11/7/2016	<5	1.7 (J)			<5	<5
11/10/2016			13	130		
1/9/2017	2.6 (J)	1.5 (J)			<5	<5
1/12/2017			12	240		
3/13/2017	<5	2.2 (J)			<5	<5
3/14/2017			10 (V)			
3/15/2017				300		
5/15/2017	<5	1.9 (J)			<5	<5
5/18/2017			8.7	270		
10/2/2017	<5	3.4 (J)			1.5 (J)	1.7 (J)
10/5/2017			9.8			
10/6/2017				140		
12/19/2017			8.4 (R)	280 (R)		
3/12/2018	<5	2.6 (J)			<5	<5
3/14/2018			9.7	270		
6/5/2018	<5	2.6 (J)				
6/6/2018					<5	<5
6/11/2018			10	270		
10/16/2018	<5	2.8 (J)				
10/17/2018					<5	<5
10/18/2018			8.1	280		
2/27/2019	<5	2.4 (J)			<5	<5
3/1/2019			7.4	250		
5/31/2019	<5	3.3 (J)			<5	<5
6/3/2019			21	150		
11/6/2019	<5	3.7 (J)			<5	<5
11/7/2019			16	290		
4/16/2020	<5	1.7 (J)			<5	<5
4/17/2020			12	280		
10/7/2020	<5	4 (J)			<5	<5
10/9/2020			25	280		
3/29/2021	<5	2.3			<5	<5
3/31/2021			15	250		
9/2/2021	<5	4.7 (J)			<5	<5
9/3/2021			32	160		
3/22/2022	<5	4.5 (J)			<5	<5
3/23/2022			28	270		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0001	<0.0001					
3/1/2016			<0.0001	<0.0001	0.00043 (J)	<0.0001	<0.0001
5/2/2016	<0.0001						
5/4/2016		<0.0001					<0.0001
5/5/2016			<0.0001	<0.0001	0.0003 (J)	<0.0001	
7/5/2016	<0.0001						
7/7/2016			<0.0001	<0.0001	0.00028 (J)	<0.0001	
7/8/2016		<0.0001					<0.0001
9/6/2016	<0.0001	<0.0001	<0.0001				
9/7/2016				<0.0001	0.00028 (J)	<0.0001	<0.0001
11/7/2016	<0.0001						
11/9/2016					0.0003 (J)	<0.0001	<0.0001
11/10/2016		<0.0001	<0.0001	<0.0001			
1/9/2017	<0.0001						
1/11/2017		<0.0001			0.00032 (J)	<0.0001	<0.0001
1/12/2017			<0.0001	<0.0001			
3/13/2017	<0.0001						
3/14/2017		<0.0001			0.00032 (J)	<0.0001	<0.0001
3/15/2017			<0.0001	<0.0001			
5/15/2017	<0.0001						
5/18/2017		<0.0001	<0.0001	<0.0001	0.0004 (J)	<0.0001	<0.0001
3/12/2018	<0.0001						
3/14/2018		<0.0001	<0.0001	<0.0001	0.00021 (J)	<0.0001	<0.0001
6/5/2018	<0.0001						
6/10/2018		<0.0001			0.00033 (J)	<0.0001	<0.0001
6/11/2018			<0.0001	<0.0001			
10/16/2018	<0.0001						
10/18/2018		<0.0001		<0.0001	0.00021 (J)	<0.0001	<0.0001
10/19/2018			<0.0001				
2/27/2019	<0.0001	<0.0001					
3/1/2019					0.00013 (J)	<0.0001	<0.0001
3/2/2019			<0.0001	<0.0001			
5/31/2019	<0.0001	<0.0001					
6/3/2019			<0.0001		0.00016 (J)	<0.0001	<0.0001
6/11/2019				<0.0001			
11/6/2019	<0.0001	<0.0001					
11/7/2019				2.6E-05 (J)	0.00025		
11/9/2019			0.00021 (J)			0.00024 (J)	<0.0001
4/16/2020	<0.0001	<0.0001					
4/17/2020				<0.0001			<0.0001
4/18/2020			<0.0001		0.00033	<0.0001	
10/7/2020	<0.0001	<0.0001					
10/8/2020			<0.0001	0.00015 (J)	0.00034 (J)	<0.0001	<0.0001
3/29/2021	<0.0001	<0.0001					
3/30/2021			<0.0001	<0.0001		<0.0001	<0.0001
3/31/2021					0.00031		
9/2/2021	0.00015 (J)	<0.0001					
9/3/2021					0.00037 (J)	0.00012 (J)	<0.0001
9/7/2021			<0.0001	<0.0001			
3/22/2022	<0.0001	<0.0001					
3/23/2022			<0.0001		<0.0001	<0.0001	<0.0001
3/24/2022				<0.0001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0001	<0.0001				
3/1/2016					<0.0001	<0.0001
3/2/2016			<0.0001	0.00018 (J)		
5/2/2016	<0.0001	<0.0001				<0.0001
5/3/2016					<0.0001	
5/5/2016			<0.0001	0.00024 (J)		
7/5/2016	<0.0001	<0.0001			<0.0001	<0.0001
7/7/2016			<0.0001	0.00025 (J)		
9/6/2016	<0.0001	<0.0001			<0.0001	<0.0001
9/7/2016			<0.0001	0.00023 (J)		
11/7/2016	<0.0001	<0.0001			<0.0001	<0.0001
11/10/2016			<0.0001	0.0002 (J)		
1/9/2017	<0.0001	<0.0001			<0.0001	<0.0001
1/12/2017			<0.0001	0.00026 (J)		
3/13/2017	<0.0001	<0.0001			<0.0001	<0.0001
3/14/2017			<0.0001			
3/15/2017				0.0003 (J)		
5/15/2017	<0.0001	<0.0001			<0.0001	<0.0001
5/18/2017			<0.0001	0.00028 (J)		
3/12/2018	<0.0001	<0.0001			<0.0001	<0.0001
3/14/2018			<0.0001	0.00029 (J)		
6/5/2018	<0.0001	<0.0001				
6/6/2018					<0.0001	<0.0001
6/11/2018			<0.0001	0.00029 (J)		
10/16/2018	<0.0001	<0.0001				
10/17/2018					<0.0001	<0.0001
10/18/2018			<0.0001	0.00031 (J)		
2/27/2019	<0.0001	<0.0001			<0.0001	<0.0001
3/1/2019			<0.0001	0.0003 (J)		
5/31/2019	<0.0001	<0.0001			<0.0001	<0.0001
6/3/2019			<0.0001	0.0002 (J)		
11/6/2019	<0.0001	<0.0001			<0.0001	<0.0001
11/7/2019			<0.0001	0.00024 (J)		
4/16/2020	<0.0001	<0.0001			<0.0001	<0.0001
4/17/2020			<0.0001	0.00031		
10/7/2020	<0.0001	<0.0001			<0.0001	<0.0001
10/9/2020			0.00012 (J)	0.00037 (J)		
3/29/2021	<0.0001	<0.0001 (D)			<0.0001	<0.0001
3/31/2021			<0.0001	0.00028		
9/2/2021	<0.0001	<0.0001			<0.0001	<0.0001
9/3/2021			<0.0001	0.00022 (J)		
3/22/2022	<0.0001	<0.0001			<0.0001	<0.0001
3/23/2022			<0.0001	<0.0001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	58	14					
3/23/2022			36		1300	230	30
3/24/2022				90			

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:07 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

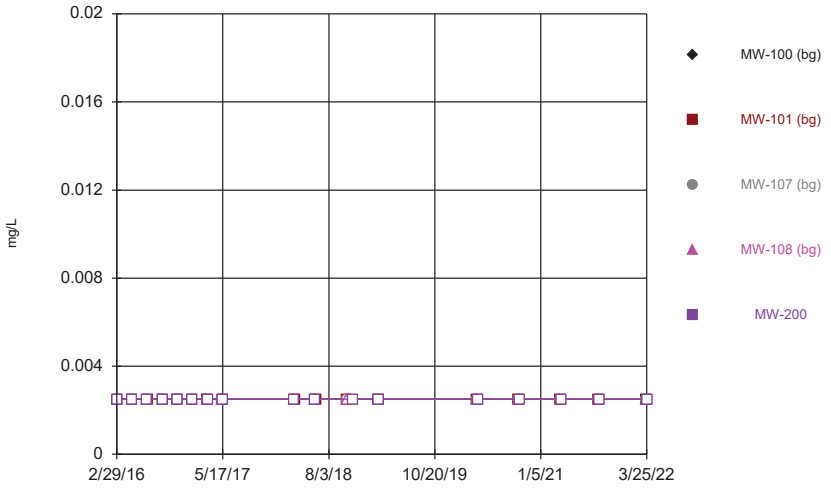
	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<5	12				
3/1/2016					10	<5
3/2/2016			30	440		
5/2/2016	<5	6				36
5/3/2016					<5	
5/5/2016			38	480		
7/5/2016	14	<5			<5	<5
7/7/2016			22	470		
9/6/2016	30	38			36	44
9/7/2016			38	440		
11/7/2016	8	<5			<5	30
11/10/2016			38	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		
3/22/2022	18	46			84	22
3/23/2022			90	630		

ND substitution: RL or RL/2 if <15% NDs.

200 Series

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

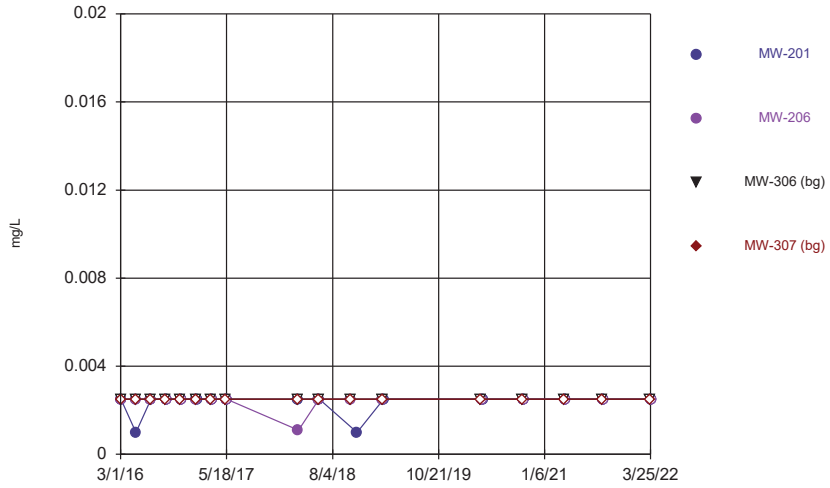
Time Series



Constituent: Antimony Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

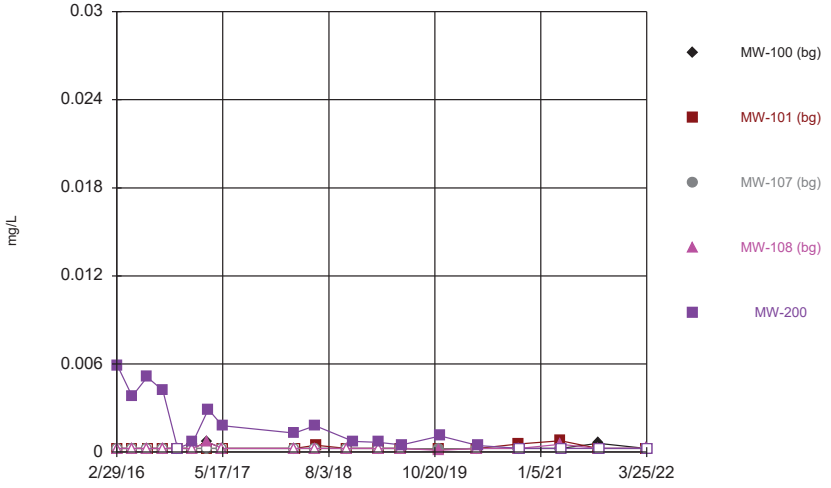
Time Series



Constituent: Antimony Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

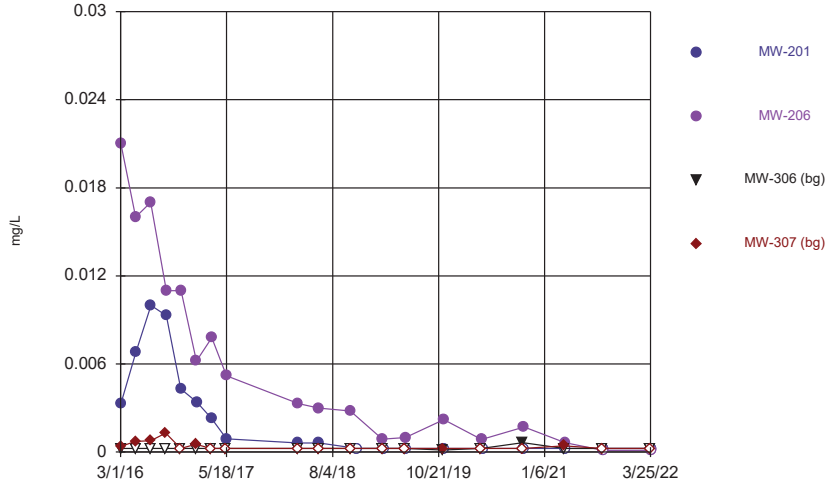
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

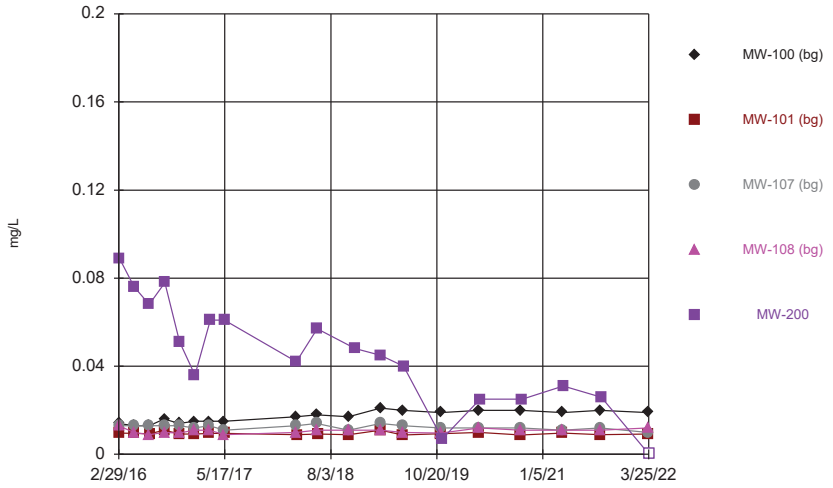
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

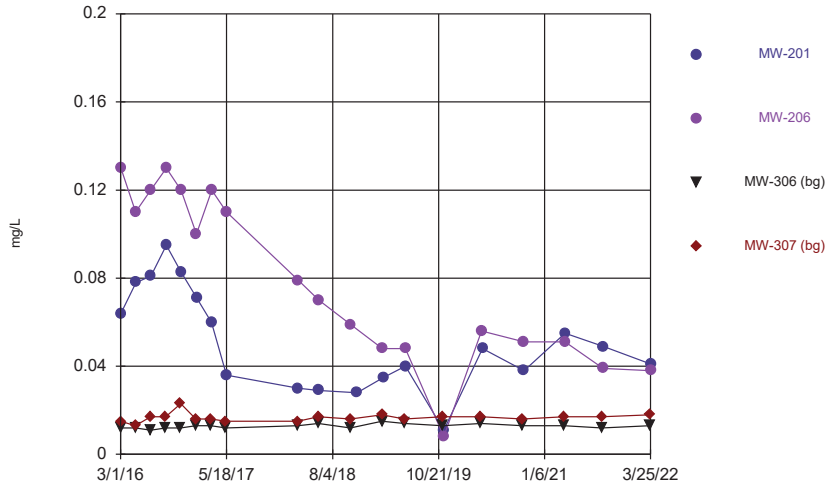
Time Series



Constituent: Barium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

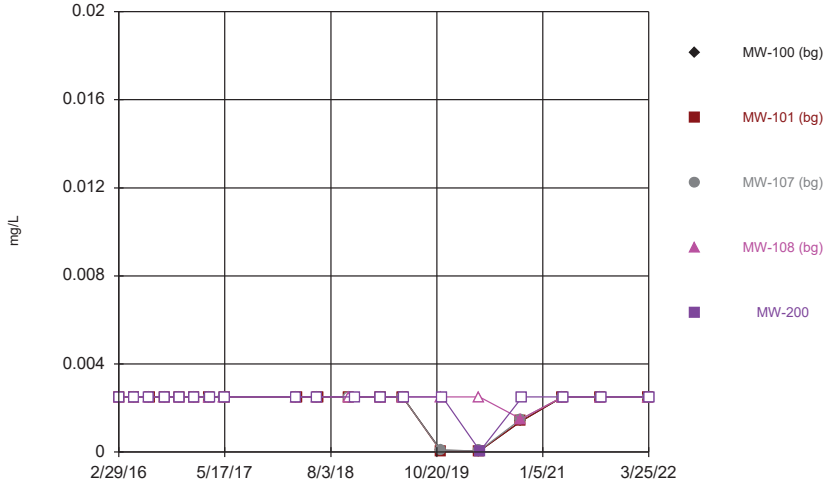
Time Series



Constituent: Barium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

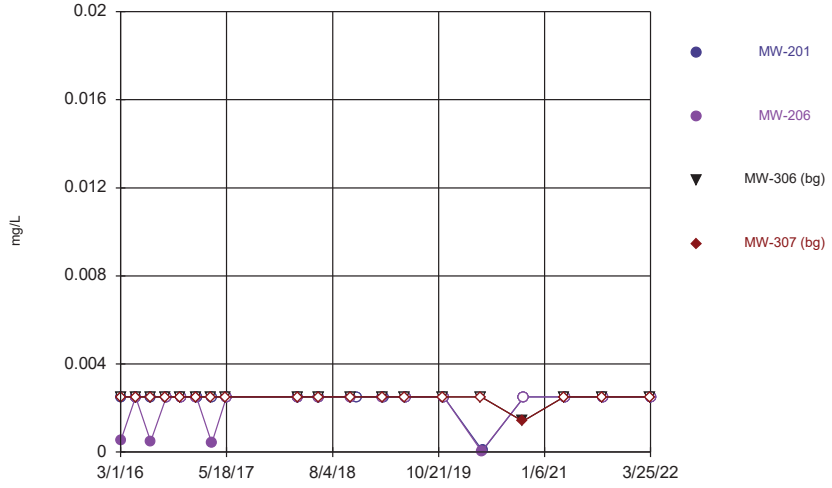
Time Series



Constituent: Beryllium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

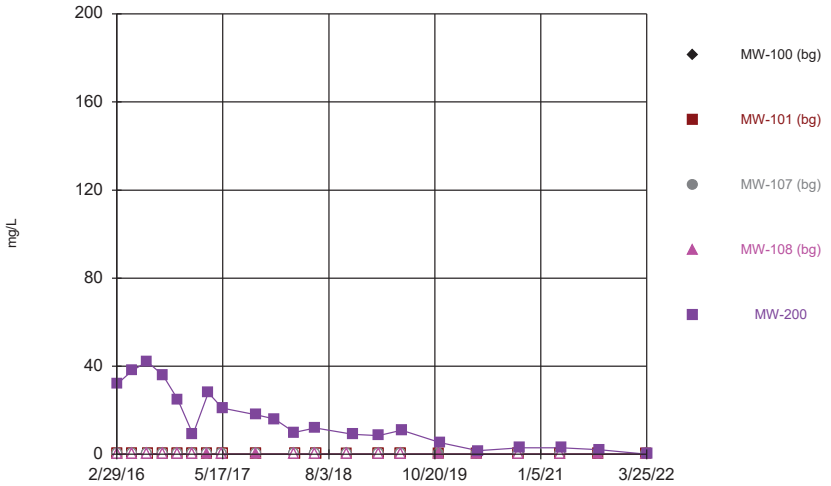
Time Series



Constituent: Beryllium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

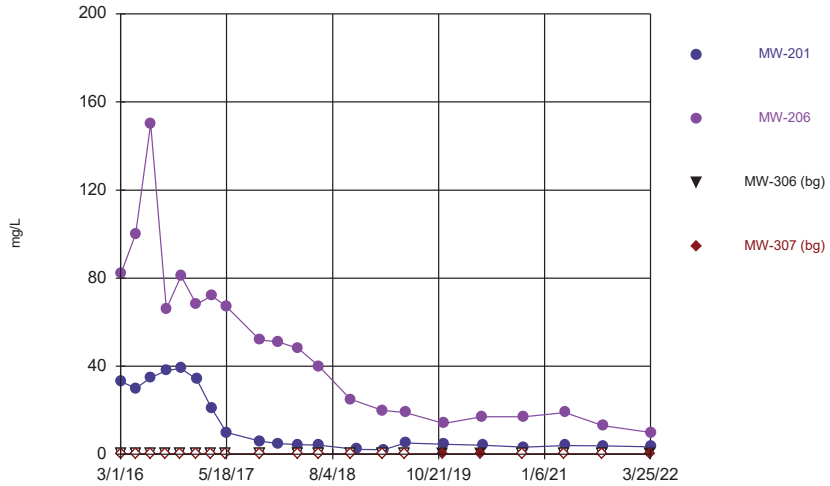
Time Series



Constituent: Boron Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

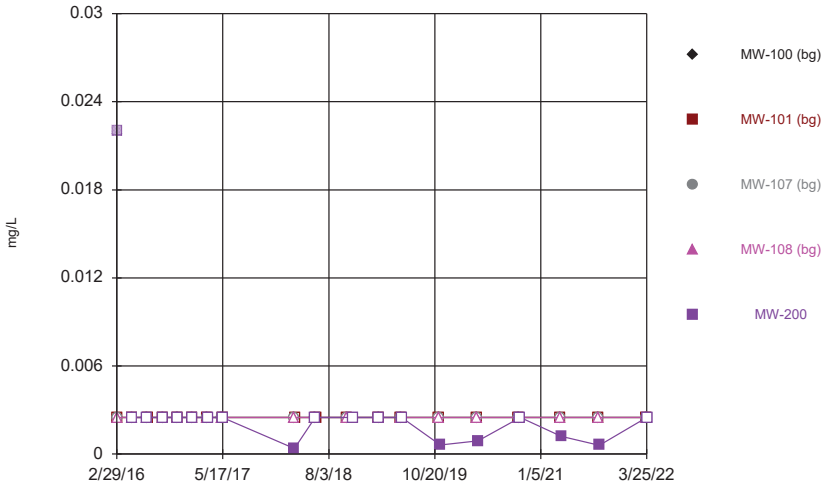
Time Series



Constituent: Boron Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

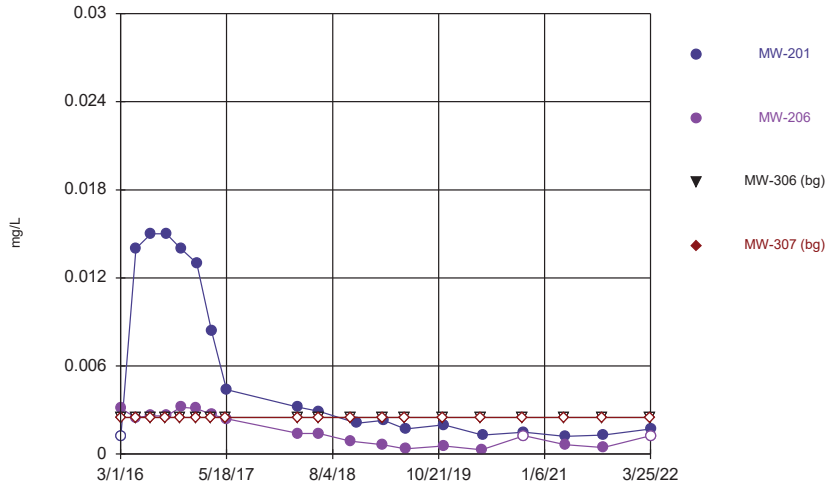
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

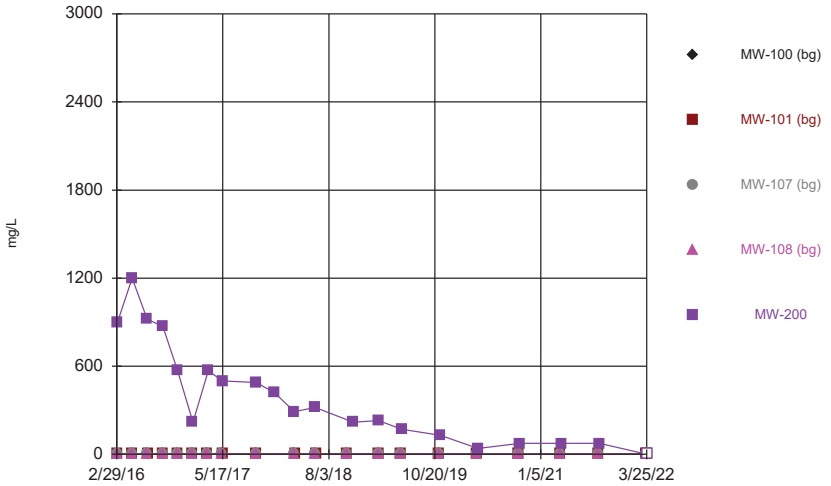
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

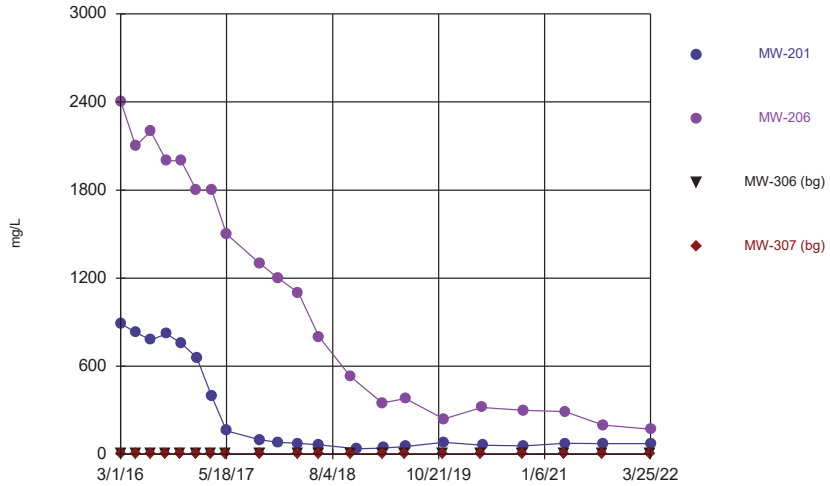
Time Series



Constituent: Calcium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

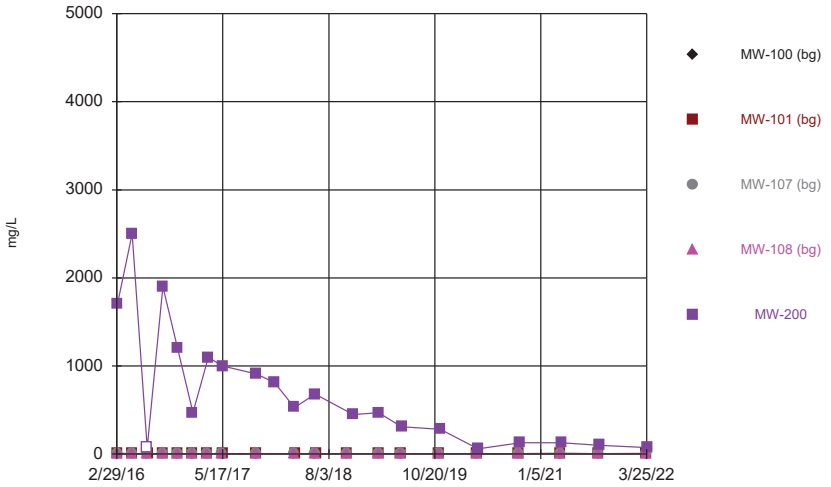
Time Series



Constituent: Calcium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

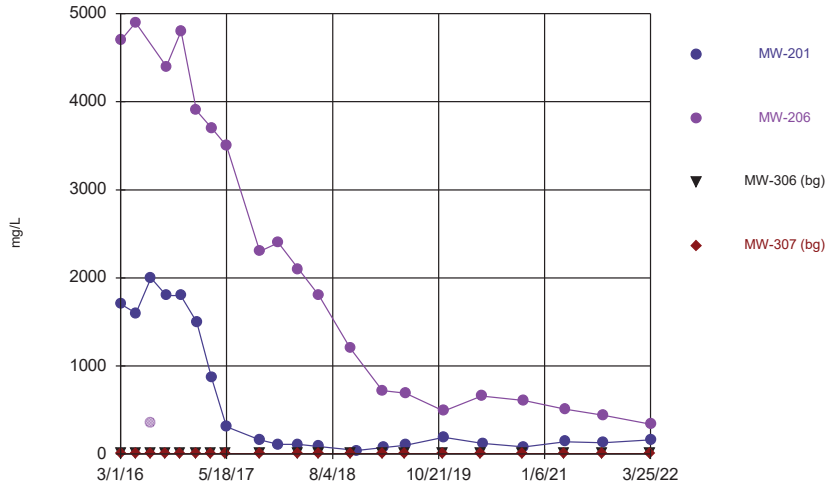
Time Series



Constituent: Chloride Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

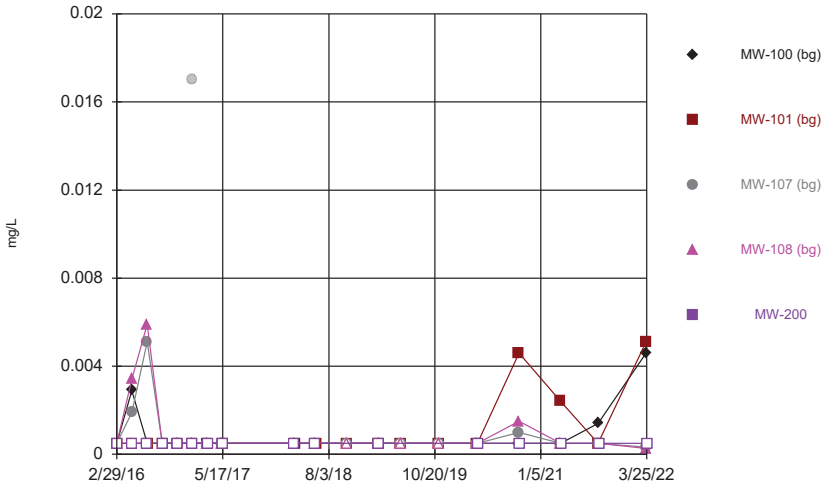
Time Series



Constituent: Chloride Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

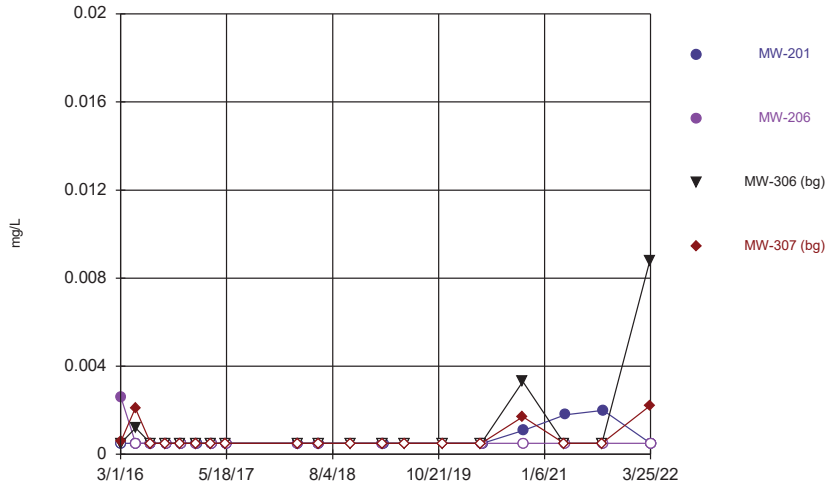
Time Series



Constituent: Chromium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

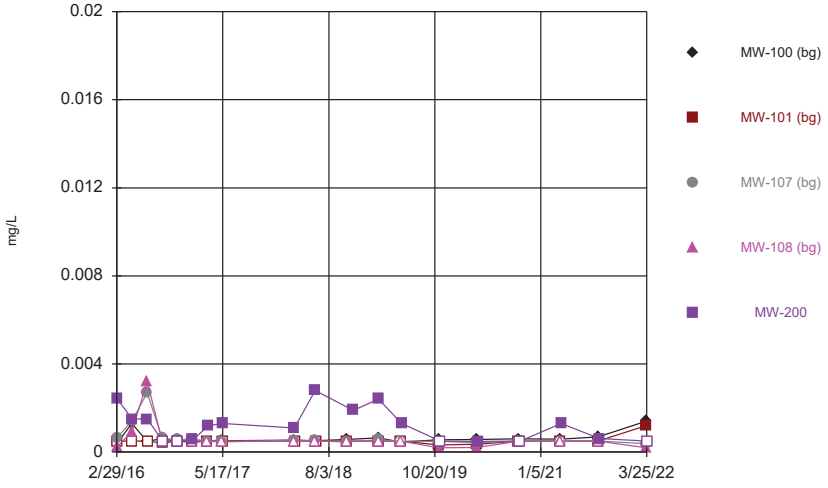
Time Series



Constituent: Chromium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

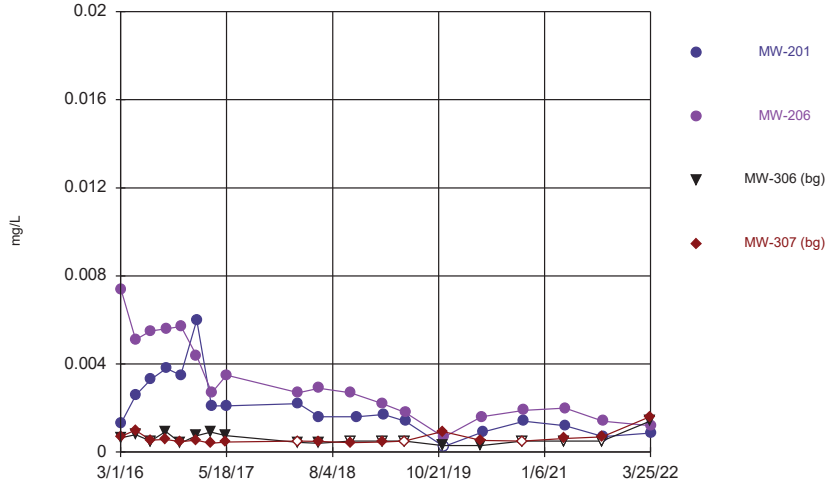
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

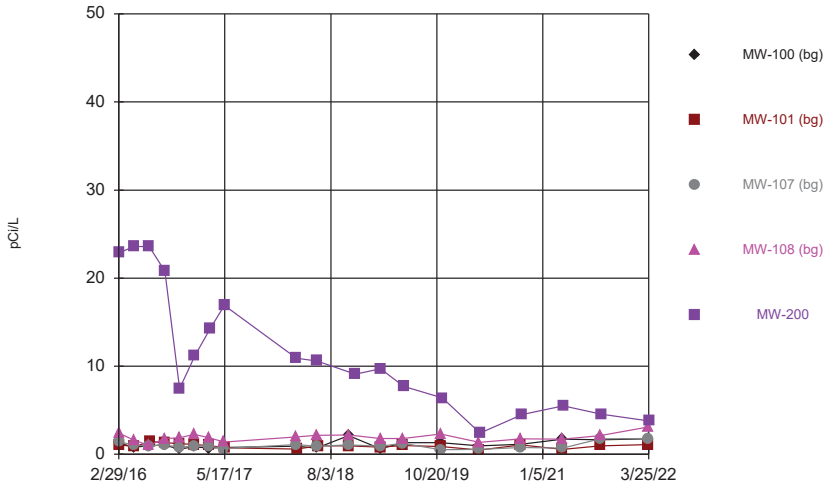
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series



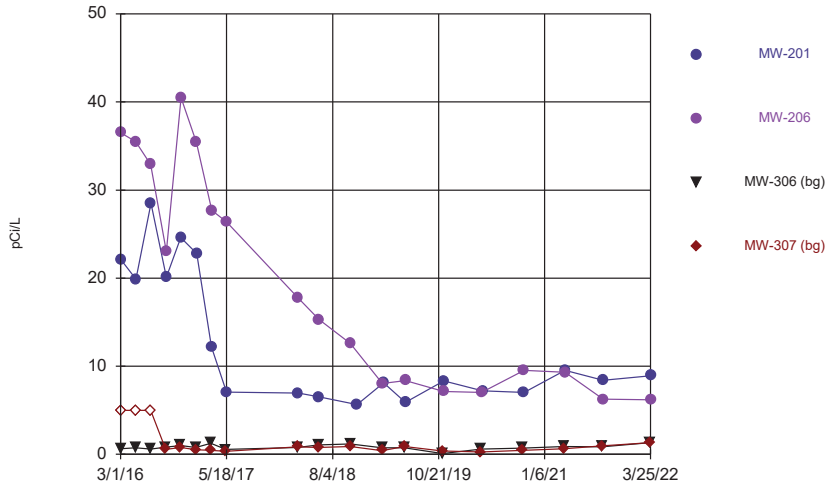
Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 11:28 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

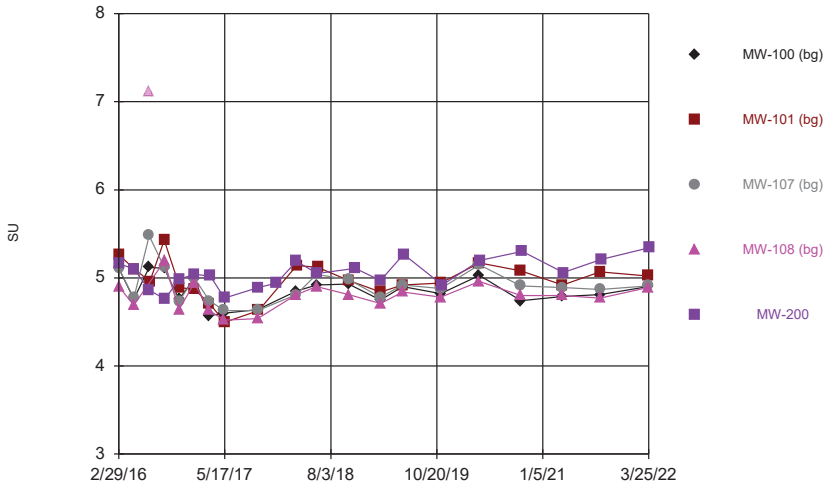


Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 11:28 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

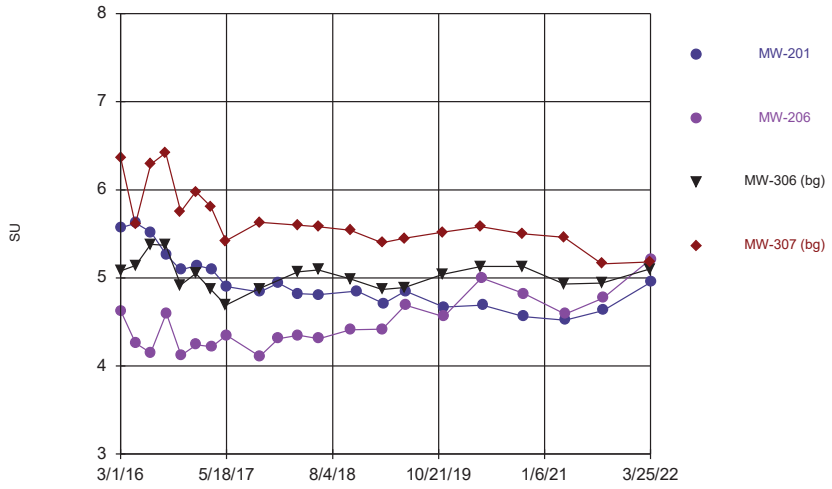


Constituent: Field pH Analysis Run 1/12/2023 11:28 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

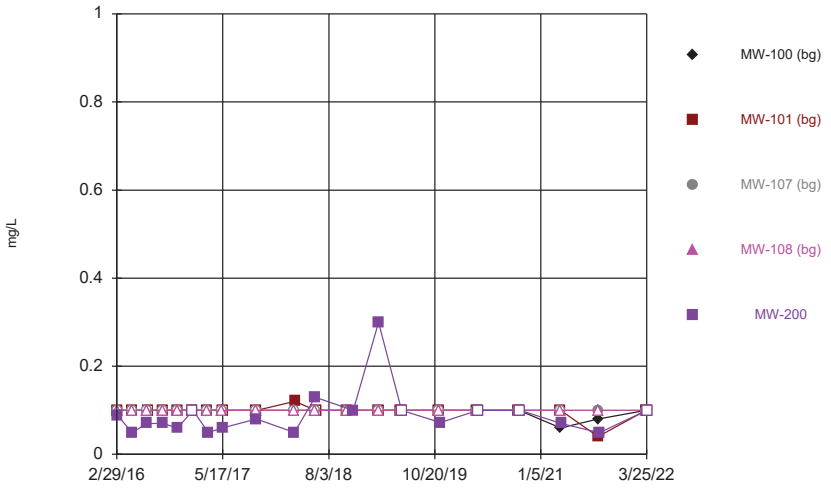


Constituent: Field pH Analysis Run 1/12/2023 11:28 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

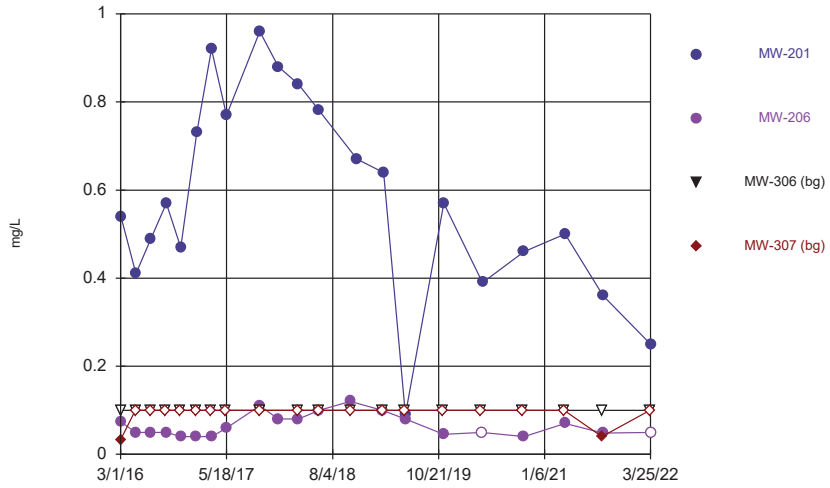
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

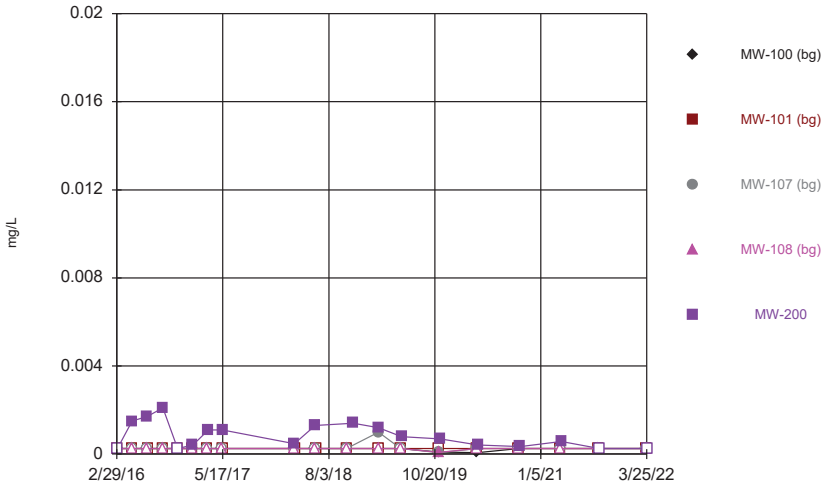
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

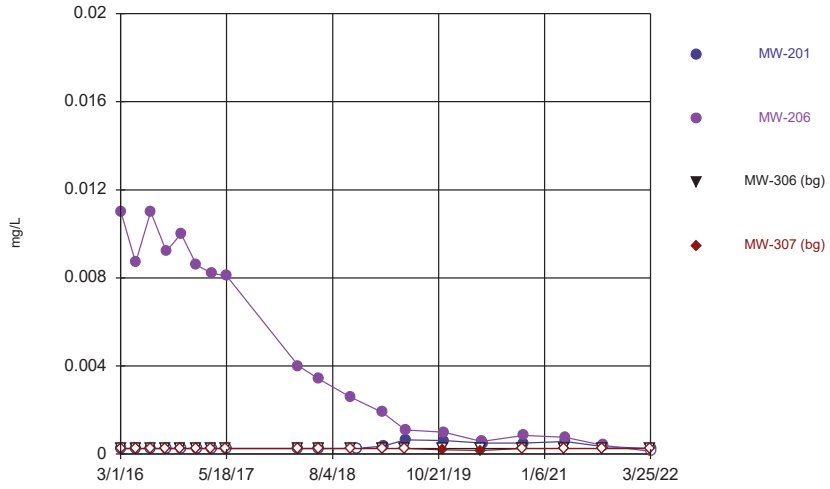
Time Series



Constituent: Lead Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

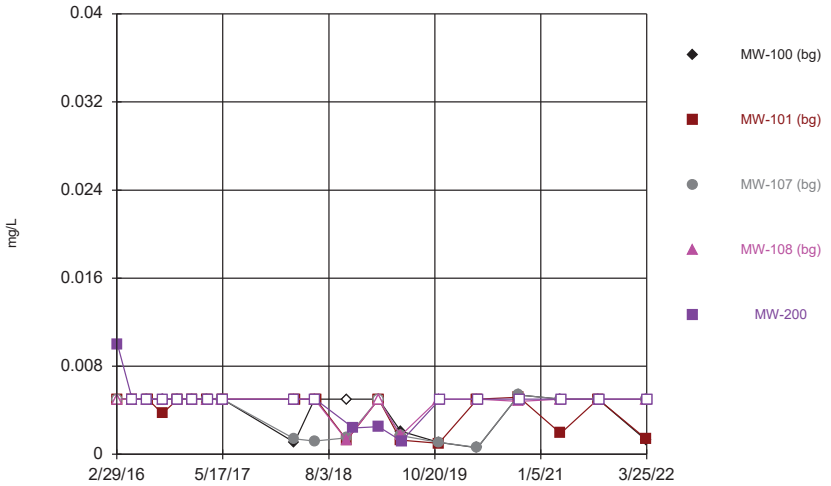
Time Series



Constituent: Lead Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

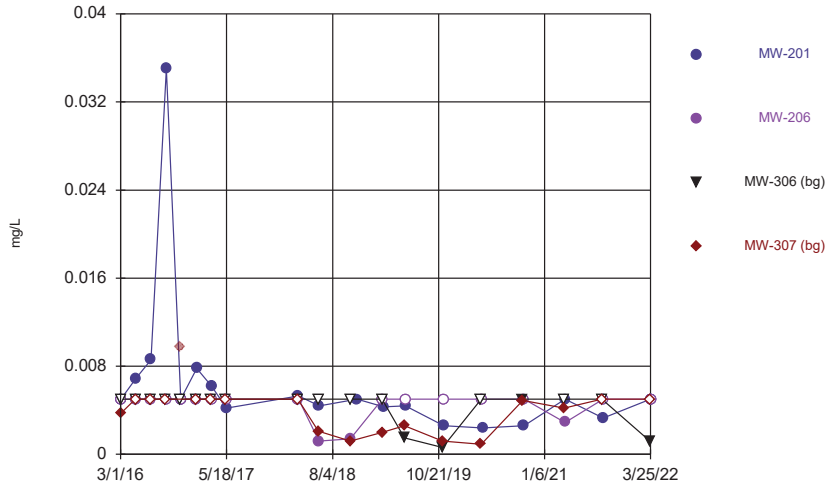
Time Series



Constituent: Lithium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

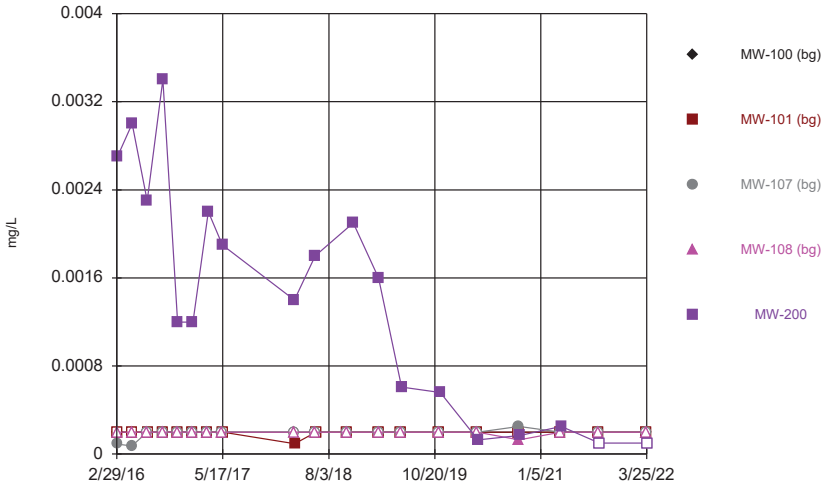
Time Series



Constituent: Lithium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

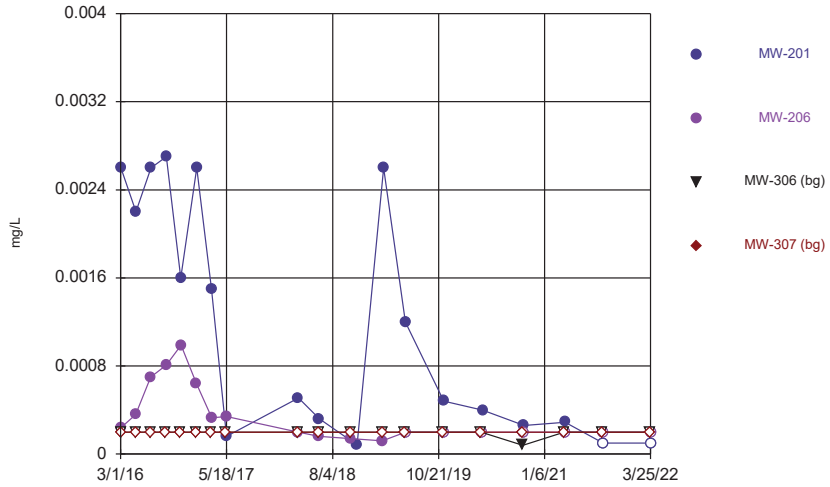
Time Series



Constituent: Mercury Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

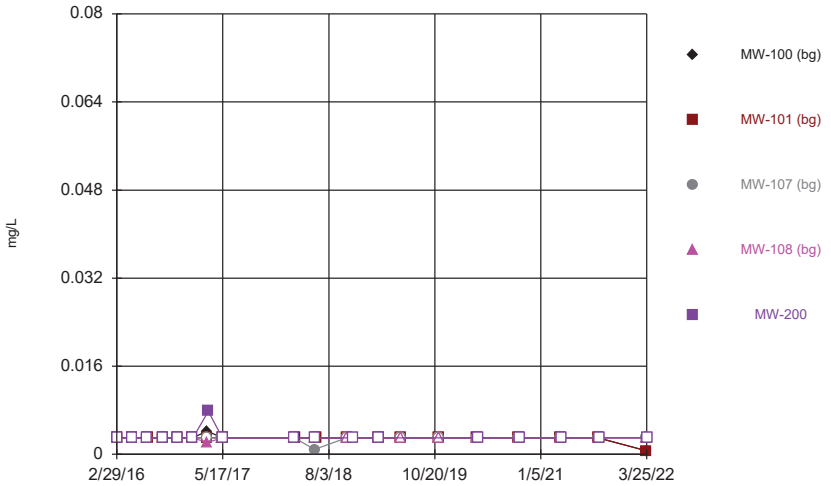
Time Series



Constituent: Mercury Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

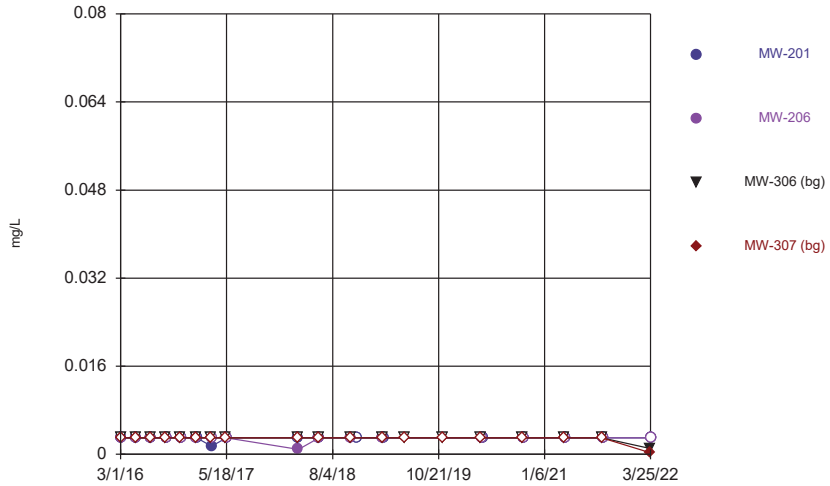
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

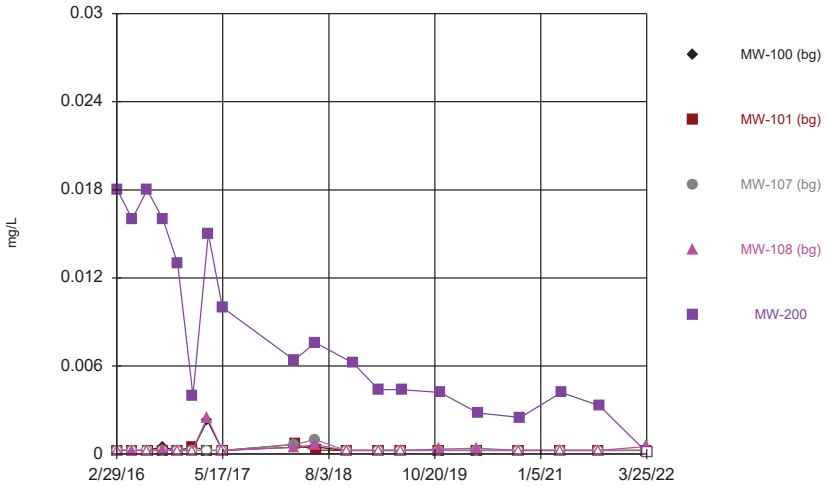
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

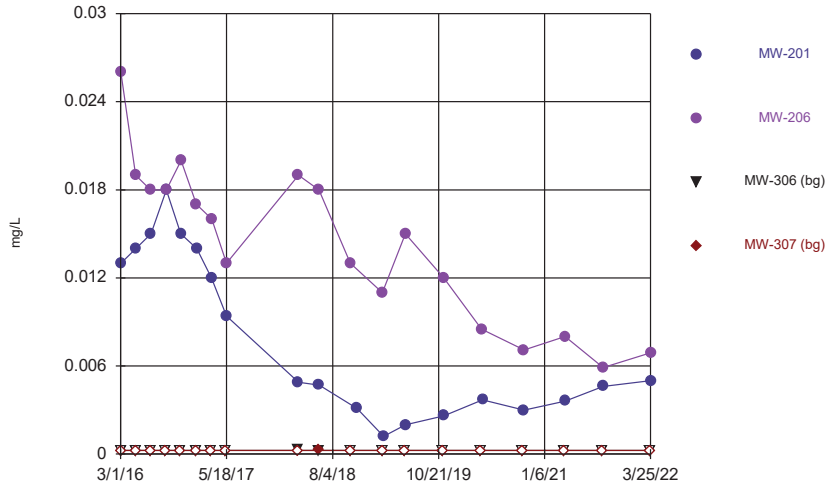
Time Series



Constituent: Selenium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

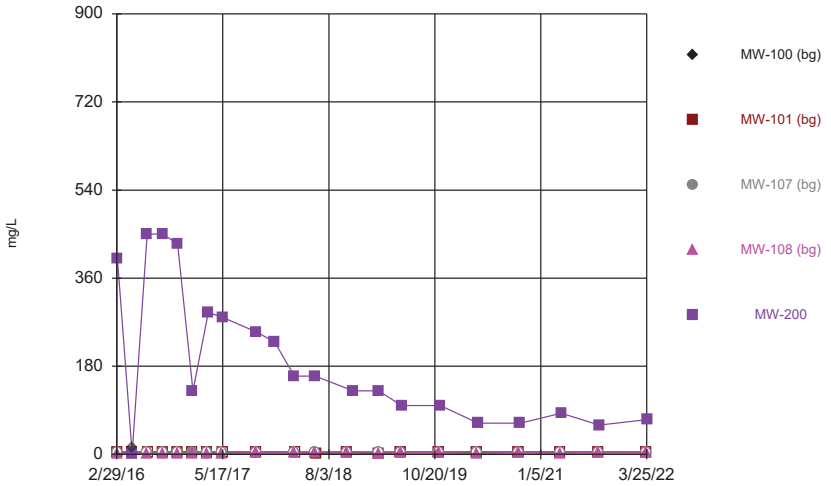
Time Series



Constituent: Selenium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

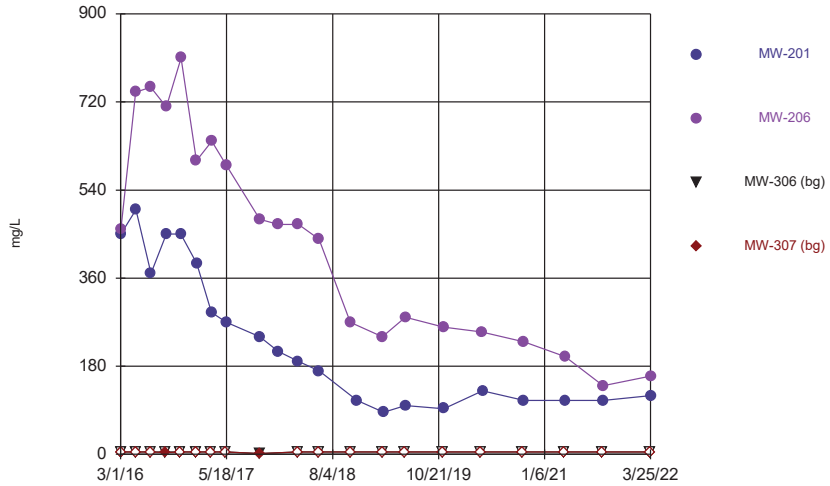
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

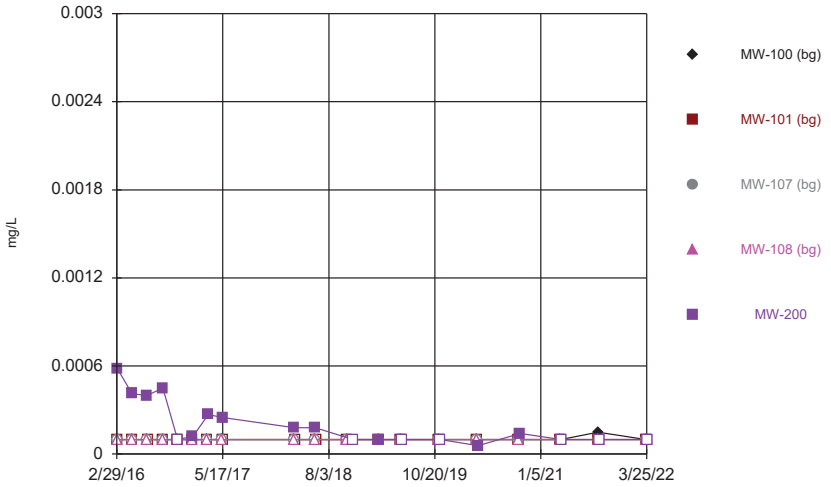
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

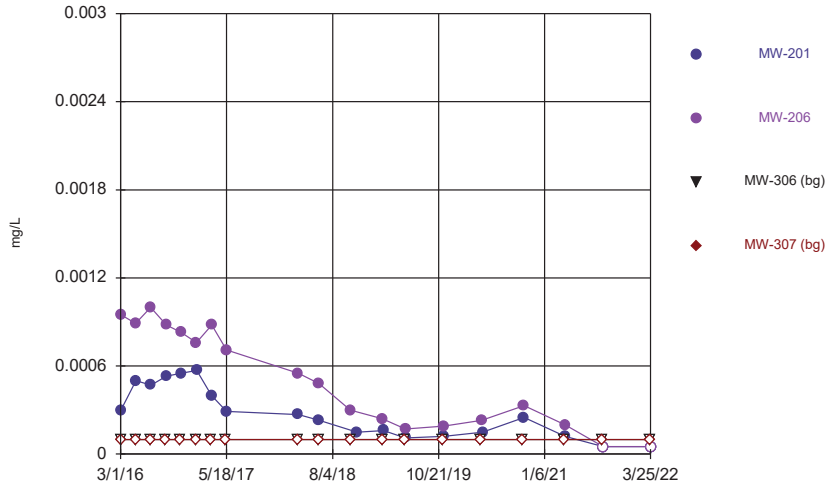
Time Series



Constituent: Thallium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

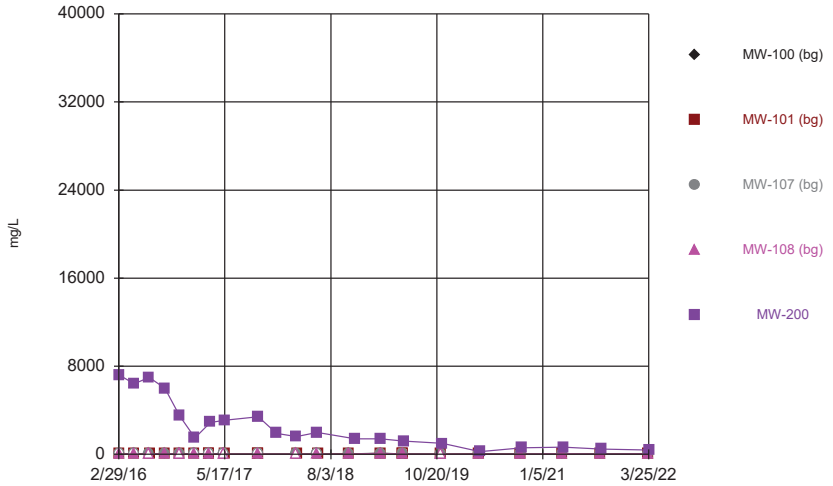
Time Series



Constituent: Thallium Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

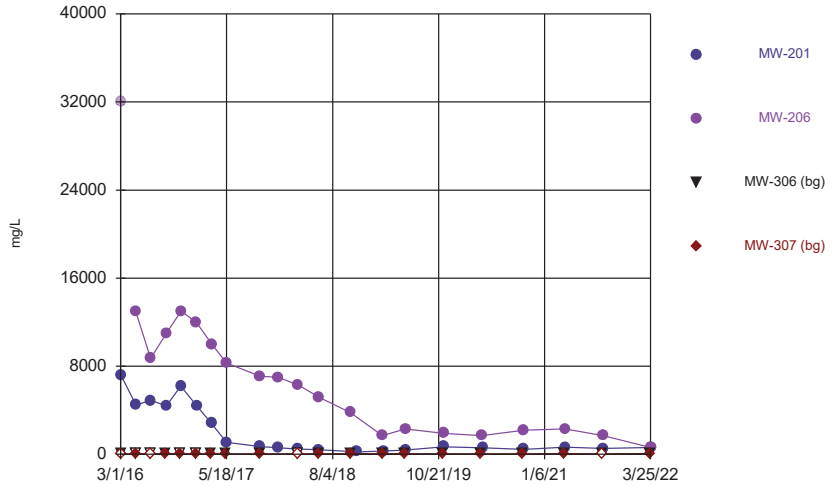
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025	
5/3/2016					<0.0025
5/4/2016		<0.0025			
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	<0.0025		<0.0025	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0025
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0025
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					<0.0025
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0025
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
11/13/2018					<0.0025
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	
4/18/2020					<0.0025
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	
10/12/2020					<0.0025
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025	
4/1/2021					<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2021					<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025	
3/25/2022					<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	<0.0025
3/2/2016	<0.0025	<0.0025		
5/2/2016				<0.0025
5/3/2016		<0.0025	<0.0025	
5/4/2016	0.001 (J)			
7/5/2016		<0.0025	<0.0025	<0.0025
7/6/2016	<0.0025			
9/6/2016			<0.0025	<0.0025
9/8/2016	<0.0025	<0.0025		
11/7/2016			<0.0025	<0.0025
11/8/2016	<0.0025			
11/9/2016		<0.0025		
1/9/2017			<0.0025	<0.0025
1/12/2017		<0.0025		
1/13/2017	<0.0025			
3/13/2017			<0.0025	<0.0025
3/16/2017	<0.0025			
3/17/2017		<0.0025		
5/15/2017			<0.0025	<0.0025
5/17/2017	<0.0025	<0.0025		
3/12/2018			<0.0025	<0.0025
3/14/2018	<0.0025	0.0011 (J)		
6/6/2018			<0.0025	<0.0025
6/8/2018		<0.0025		
6/9/2018	<0.0025			
10/17/2018		<0.0025	<0.0025	<0.0025
11/14/2018	0.001 (J)			
2/27/2019			<0.0025	<0.0025
2/28/2019		<0.0025		
3/5/2019	<0.0025			
4/16/2020			<0.0025	<0.0025
4/18/2020		<0.0025		
4/22/2020	<0.0025			
10/7/2020			<0.0025	<0.0025
10/12/2020	<0.0025	<0.0025		
3/29/2021			<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025		
9/2/2021			<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025		
3/22/2022			<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025	
3/2/2016					0.0059 (J)
5/2/2016	<0.00025		<0.00025	<0.00025	
5/3/2016					0.0038
5/4/2016		<0.00025			
7/5/2016	<0.00025		<0.00025	<0.00025	0.0051
7/8/2016		<0.00025			
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025	
9/8/2016					0.0042 (J)
11/7/2016	<0.00025		<0.00025	<0.00025	
11/9/2016					<0.00025
11/10/2016		<0.00025			
1/9/2017	<0.00025		<0.00025	<0.00025	
1/11/2017		<0.00025			
1/12/2017					0.00068 (J)
3/13/2017	0.00069 (J)		<0.00025	0.00069 (J)	
3/14/2017		<0.00025			
3/17/2017					0.0029
5/15/2017	<0.00025		<0.00025	<0.00025	
5/16/2017					0.0018
5/18/2017		<0.00025			
3/12/2018	<0.00025		<0.00025	<0.00025	
3/13/2018					0.0013
3/14/2018		<0.00025			
6/5/2018	<0.00025		<0.00025	<0.00025	
6/8/2018					0.0018
6/10/2018		0.00046 (J)			
10/16/2018	<0.00025		<0.00025	<0.00025	
10/18/2018		<0.00025			
11/13/2018					0.00072 (J)
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025	
2/28/2019					0.00067 (J)
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	
6/4/2019					0.00048 (J)
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)	
11/12/2019					0.0011 (J)
4/16/2020	<0.00025	<0.00025	<0.00025	<0.00025	
4/18/2020					0.00044
10/7/2020	<0.00025	0.00056 (J)	<0.00025	<0.00025	
10/12/2020					<0.00025
3/29/2021	<0.00025	0.00078	<0.00025	0.00054	
4/1/2021					<0.00025
9/2/2021	0.00059 (J)	<0.00025	<0.00025	<0.00025	
9/8/2021					<0.00025
3/22/2022	<0.00025	<0.00025	<0.00025	0.00027	
3/25/2022					<0.00025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00025	0.00038 (J)
3/2/2016	0.0033 (J)	0.021		
5/2/2016				0.00073 (J)
5/3/2016		0.016	<0.00025	
5/4/2016	0.0068			
7/5/2016		0.017	<0.00025	0.00077 (J)
7/6/2016	0.01			
9/6/2016			<0.00025	0.0013
9/8/2016	0.0093	0.011		
11/7/2016			<0.00025	<0.00025
11/8/2016	0.0043 (J)			
11/9/2016		0.011		
1/9/2017			<0.00025	0.00053 (J)
1/12/2017		0.0062		
1/13/2017	0.0034			
3/13/2017			<0.00025	<0.00025
3/16/2017	0.0023			
3/17/2017		0.0078		
5/15/2017			<0.00025	<0.00025
5/17/2017	0.0009 (J)	0.0052		
3/12/2018			<0.00025	<0.00025
3/14/2018	0.00062 (J)	0.0033		
6/6/2018			<0.00025	<0.00025
6/8/2018		0.003		
6/9/2018	0.00063 (J)			
10/17/2018		0.0028	<0.00025	<0.00025
11/14/2018	<0.00025			
2/27/2019			<0.00025	<0.00025
2/28/2019		0.00089 (J)		
3/5/2019	<0.00025			
5/31/2019			<0.00025	<0.00025
6/4/2019	<0.00025	0.001 (J)		
11/6/2019			0.00014 (J)	0.00024 (J)
11/12/2019	<0.00025	0.0022 (V)		
4/16/2020			<0.00025	<0.00025
4/18/2020		0.00086		
4/22/2020	<0.00025			
10/7/2020			0.00064 (J)	<0.00025
10/12/2020	<0.00025	0.0017		
3/29/2021			<0.00025	0.00042
4/1/2021	<0.00025	0.00064		
9/2/2021			<0.00025	<0.00025
9/8/2021	<0.00025	<0.00025		
3/22/2022			<0.00025	<0.00025
3/25/2022	<0.00025	<0.00025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.019	0.0092	0.01	0.012	
3/25/2022					<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			0.013	0.018
3/25/2022	0.041	0.038		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025	
5/3/2016					<0.0025
5/4/2016		<0.0025			
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	<0.0025		<0.0025	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0025
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0025
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					<0.0025
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0025
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
11/13/2018					<0.0025 (J3)
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	
6/4/2019					<0.0025
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0025	
11/12/2019					<0.0025
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0025	
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					<0.0025
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025	
4/1/2021					<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2021					<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025	
3/25/2022					<0.0025

ND substitution: RL or RL/2 if <15% NDs. Substitution method for trace values of the form <PQL(J): PQL.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	<0.0025
3/2/2016	<0.0025	0.00055 (J)		
5/2/2016				<0.0025
5/3/2016		<0.0025	<0.0025	
5/4/2016	<0.0025			
7/5/2016		0.00048 (J)	<0.0025	<0.0025
7/6/2016	<0.0025			
9/6/2016			<0.0025	<0.0025
9/8/2016	<0.0025	<0.0025		
11/7/2016			<0.0025	<0.0025
11/8/2016	<0.0025			
11/9/2016		<0.0025		
1/9/2017			<0.0025	<0.0025
1/12/2017		<0.0025		
1/13/2017	<0.0025			
3/13/2017			<0.0025	<0.0025
3/16/2017	<0.0025			
3/17/2017		0.00042 (J)		
5/15/2017			<0.0025	<0.0025
5/17/2017	<0.0025	<0.0025		
3/12/2018			<0.0025	<0.0025
3/14/2018	<0.0025	<0.0025		
6/6/2018			<0.0025	<0.0025
6/8/2018		<0.0025		
6/9/2018	<0.0025			
10/17/2018		<0.0025	<0.0025	<0.0025
11/14/2018	<0.0025 (J3)			
2/27/2019			<0.0025	<0.0025
2/28/2019		<0.0025		
3/5/2019	<0.0025			
5/31/2019			<0.0025	<0.0025
6/4/2019	<0.0025	<0.0025		
11/6/2019			<0.0025	<0.0025
11/12/2019	<0.0025	<0.0025		
4/16/2020			<0.0025	<0.0025
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	<0.0025	<0.0025		
3/29/2021			<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025		
9/2/2021			<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025		
3/22/2022			<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs. Substitution method for trace values of the form <PQL(J): PQL.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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 (J)	<0.018	0.018 (J)	0.022 (J)	
9/8/2021					2.1
3/22/2022	0.013	0.012	0.013	0.017	
3/25/2022					0.0043 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			0.009 (J)	0.0063 (J)
3/25/2022	3.4	10		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					0.022 (o)
5/2/2016	<0.0025		<0.0025	<0.0025	
5/3/2016					<0.0025
5/4/2016		<0.0025			
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	<0.0025		<0.0025	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0025
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0025
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					0.00039 (J)
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0025
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
11/13/2018					<0.0025
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	
6/4/2019					<0.0025
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2019					0.00061 (J)
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	
4/18/2020					0.00091
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	
10/12/2020					<0.0025
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025	
4/1/2021					0.0012
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2021					0.0006 (J)
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025	
3/25/2022					<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	<0.0025
3/2/2016	<0.0025	0.0031 (J)		
5/2/2016				<0.0025
5/3/2016		0.0025	<0.0025	
5/4/2016	0.014			
7/5/2016		0.0026	<0.0025	<0.0025
7/6/2016	0.015			
9/6/2016			<0.0025	<0.0025
9/8/2016	0.015	0.0026 (J)		
11/7/2016			<0.0025	<0.0025
11/8/2016	0.014			
11/9/2016		0.0032 (J)		
1/9/2017			<0.0025	<0.0025
1/12/2017		0.0031		
1/13/2017	0.013			
3/13/2017			<0.0025	<0.0025
3/16/2017	0.0084			
3/17/2017		0.0027		
5/15/2017			<0.0025	<0.0025
5/17/2017	0.0044	0.0024 (J)		
3/12/2018			<0.0025	<0.0025
3/14/2018	0.0032	0.0014 (J)		
6/6/2018			<0.0025	<0.0025
6/8/2018		0.0014 (J)		
6/9/2018	0.0029			
10/17/2018		0.00088 (J)	<0.0025	<0.0025
11/14/2018	0.0021 (J)			
2/27/2019			<0.0025	<0.0025
2/28/2019		0.00065 (J)		
3/5/2019	0.0023 (J)			
5/31/2019			<0.0025	<0.0025
6/4/2019	0.0017 (J)	0.00035 (J)		
11/6/2019			<0.0025	<0.0025
11/12/2019	0.002 (J)	0.00055 (J)		
4/16/2020			<0.0025	<0.0025
4/18/2020		0.00029 (J)		
4/22/2020	0.0013			
10/7/2020			<0.0025	<0.0025
10/12/2020	0.0015 (J)	<0.0025		
3/29/2021			<0.0025	<0.0025
4/1/2021	0.0012	0.00065		
9/2/2021			<0.0025	<0.0025
9/8/2021	0.0013 (J)	0.00044 (J)		
3/22/2022			<0.0025	<0.0025
3/25/2022	0.0017 (J)	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.9	0.38	0.33	1.6	
3/25/2022					<0.05

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			0.81	0.7
3/25/2022	73	170		

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	5.9	4.9	4.7	8.8	
3/25/2022					76

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			5.6	4.8
3/25/2022	160	340		

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005	
3/2/2016					<0.0005
5/2/2016	0.0029		0.0019 (J)	0.0034	
5/3/2016					<0.0005
5/4/2016		<0.0005			
7/5/2016	<0.0005		0.0051	0.0059	<0.0005
7/8/2016		<0.0005			
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	
9/8/2016					<0.0005
11/7/2016	<0.0005		<0.0005	<0.0005	
11/9/2016					<0.0005
11/10/2016		<0.0005			
1/9/2017	<0.0005		0.017 (o)	<0.0005	
1/11/2017		<0.0005			
1/12/2017					<0.0005
3/13/2017	<0.0005		<0.0005	<0.0005	
3/14/2017		<0.0005			
3/17/2017					<0.0005
5/15/2017	<0.0005		<0.0005	<0.0005	
5/16/2017					<0.0005
5/18/2017		<0.0005			
3/12/2018	<0.0005		<0.0005	<0.0005	
3/13/2018					<0.0005
3/14/2018		<0.0005			
6/5/2018	<0.0005		<0.0005	<0.0005	
6/8/2018					<0.0005
6/10/2018		<0.0005			
10/16/2018	<0.0005		<0.0005	<0.0005	
10/18/2018		<0.0005			
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	
2/28/2019					<0.0005
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005	
4/18/2020					<0.0005
10/7/2020	<0.0005	0.0046	0.001 (J)	0.0015 (J)	
10/12/2020					<0.0005
3/29/2021	<0.0005	0.0024	<0.0005	<0.0005	
4/1/2021					<0.0005
9/2/2021	0.0014 (J)	<0.0005	<0.0005	<0.0005	
9/8/2021					<0.0005
3/22/2022	0.0046	0.0051	0.00032 (J)	0.00027 (J)	
3/25/2022					<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0005	0.00056 (J)
3/2/2016	<0.0005	0.0026 (J)		
5/2/2016				0.0021 (J)
5/3/2016		<0.0005	0.0012 (J)	
5/4/2016	<0.0005			
7/5/2016		<0.0005	<0.0005	<0.0005
7/6/2016	<0.0005			
9/6/2016			<0.0005	<0.0005
9/8/2016	<0.0005	<0.0005		
11/7/2016			<0.0005	<0.0005
11/8/2016	<0.0005			
11/9/2016		<0.0005		
1/9/2017			<0.0005	<0.0005
1/12/2017		<0.0005		
1/13/2017	<0.0005			
3/13/2017			<0.0005	<0.0005
3/16/2017	<0.0005			
3/17/2017		<0.0005		
5/15/2017			<0.0005	<0.0005
5/17/2017	<0.0005	<0.0005		
3/12/2018			<0.0005	<0.0005
3/14/2018	<0.0005	<0.0005		
6/6/2018			<0.0005	<0.0005
6/8/2018		<0.0005		
6/9/2018	<0.0005			
10/17/2018			<0.0005	<0.0005
2/27/2019			<0.0005	<0.0005
2/28/2019		<0.0005		
3/5/2019	<0.0005			
5/31/2019			<0.0005	<0.0005
11/6/2019			<0.0005	<0.0005
4/16/2020			<0.0005	<0.0005
4/18/2020		<0.0005		
4/22/2020	<0.0005			
10/7/2020			0.0033	0.0017 (J)
10/12/2020	0.0011 (J)	<0.0005		
3/29/2021			<0.0005	<0.0005
4/1/2021	0.0018	<0.0005		
9/2/2021			<0.0005	<0.0005
9/8/2021	0.002 (J)	<0.0005		
3/22/2022			0.0088	0.0022
3/25/2022	<0.0005	<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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)	<0.0005	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		<0.0005			
7/5/2016	0.00049 (J)		0.0027	0.0032	0.0015 (J)
7/8/2016		<0.0005			
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0005	
9/8/2016					<0.0005
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0005	
11/9/2016					<0.0005
11/10/2016		<0.0005			
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0005	
1/11/2017		<0.0005			
1/12/2017					0.00056 (J)
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0005	
3/14/2017		<0.0005			
3/17/2017					0.0012 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0005	
5/16/2017					0.0013 (J)
5/18/2017		<0.0005			
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0005	
3/13/2018					0.0011 (J)
3/14/2018		<0.0005			
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0005	
6/8/2018					0.0028
6/10/2018		<0.0005			
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0005	
10/18/2018		<0.0005			
11/13/2018					0.0019 (J)
2/27/2019	0.00065 (J)	<0.0005	0.00056 (J)	<0.0005	
2/28/2019					0.0024 (J)
5/31/2019	0.00046 (J)	<0.0005	<0.0005	<0.0005	
6/4/2019					0.0013 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	
11/12/2019					<0.0005
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)	<0.0005	<0.0005	<0.0005	
10/12/2020					<0.0005
3/29/2021	0.00059	<0.0005	<0.0005	<0.0005	
4/1/2021					0.0013
9/2/2021	0.00069 (J)	<0.0005	<0.0005	<0.0005	
9/8/2021					0.00061 (J)
3/22/2022	0.0014	0.0012	0.00038 (J)	0.0002 (J)	
3/25/2022					<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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	<0.0005	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)	<0.0005
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	<0.0005	0.00043 (J)
11/14/2018	0.0016 (J)			
2/27/2019			<0.0005	0.00045 (J)
2/28/2019		0.0022 (J)		
3/5/2019	0.0017 (J)			
5/31/2019			<0.0005	<0.0005
6/4/2019	0.0014 (J)	0.0018 (J)		
11/6/2019			0.00029 (J)	0.00094 (J)
11/12/2019	<0.0005	0.00067 (J)		
4/16/2020			0.00029 (J)	0.00053
4/18/2020		0.0016		
4/22/2020	0.00091			
10/7/2020			<0.0005	<0.0005
10/12/2020	0.0014 (J)	0.0019 (J)		
3/29/2021			<0.0005	0.00062
4/1/2021	0.0012	0.002		
9/2/2021			<0.0005	0.00069 (J)
9/8/2021	0.00071 (J)	0.0014 (J)		
3/22/2022			0.0014	0.0016
3/25/2022	0.00086 (J)	0.0012 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	1.75	1.1	1.78	3.12	
3/25/2022					3.81

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			1.33	1.32
3/25/2022	8.93	6.19		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	4.9	5.02	4.91	4.89	
3/25/2022					5.34

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			5.1	5.18
3/25/2022	4.95	5.21		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.1	<0.1	<0.1	<0.1	
3/2/2016					0.088 (J)
5/2/2016	<0.1		<0.1	<0.1	
5/3/2016					0.05 (J)
5/4/2016		<0.1			
7/5/2016	<0.1		<0.1	<0.1	0.07 (J)
7/8/2016		<0.1			
9/6/2016	<0.1	<0.1	<0.1	<0.1	
9/8/2016					0.07 (J)
11/7/2016	<0.1		<0.1	<0.1	
11/9/2016					0.06 (J)
11/10/2016		<0.1			
1/9/2017	<0.1		<0.1	<0.1	
1/11/2017		<0.1			
1/12/2017					<0.1
3/13/2017	<0.1		<0.1	<0.1	
3/14/2017		<0.1			
3/17/2017					0.05 (J)
5/15/2017	<0.1		<0.1	<0.1	
5/16/2017					0.06 (J)
5/18/2017		<0.1			
10/2/2017	<0.1		<0.1	<0.1	
10/4/2017					0.08 (J)
10/5/2017		<0.1			
3/12/2018	<0.1		<0.1	<0.1	
3/13/2018					0.05 (J)
3/14/2018		0.12			
6/5/2018	<0.1		<0.1	<0.1	
6/8/2018					0.13
6/10/2018		<0.1			
10/16/2018	<0.1		<0.1	<0.1	
10/18/2018		<0.1			
11/13/2018					0.1
2/27/2019	<0.1	<0.1	<0.1	<0.1	
2/28/2019					0.3
5/31/2019	<0.1	<0.1	<0.1	<0.1	
6/4/2019					<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	
11/12/2019					0.072 (J)
4/16/2020	<0.1	<0.1	<0.1	<0.1	
4/18/2020					<0.1
10/7/2020	<0.1	<0.1	<0.1	<0.1	
10/12/2020					<0.1
3/29/2021	0.06	<0.1	<0.1	<0.1	
4/1/2021					0.07
9/2/2021	0.08 (J)	0.04 (J)	0.1	<0.1	
9/8/2021					0.049 (J)
3/22/2022	<0.1	<0.1	<0.1	<0.1	
3/25/2022					<0.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.1	0.033 (J)
3/2/2016	0.54	0.074 (J)		
5/2/2016				<0.1
5/3/2016		0.05 (J)	<0.1	
5/4/2016	0.41			
7/5/2016		0.05 (J)	<0.1	<0.1
7/6/2016	0.49			
9/6/2016			<0.1	<0.1
9/8/2016	0.57	0.05 (J)		
11/7/2016			<0.1	<0.1
11/8/2016	0.47			
11/9/2016		0.04 (J)		
1/9/2017			<0.1	<0.1
1/12/2017		0.04 (J)		
1/13/2017	0.73			
3/13/2017			<0.1	<0.1
3/16/2017	0.92			
3/17/2017		0.04 (J)		
5/15/2017			<0.1	<0.1
5/17/2017	0.77	0.06 (J)		
10/2/2017			<0.1	<0.1
10/3/2017		0.11		
10/4/2017	0.96			
12/20/2017	0.88 (R)	0.08 (I)		
3/12/2018			<0.1	<0.1
3/14/2018	0.84	0.08 (J)		
6/6/2018			<0.1	<0.1
6/8/2018		0.1		
6/9/2018	0.78			
10/17/2018		0.12	<0.1	<0.1
11/14/2018	0.67			
2/27/2019			<0.1	<0.1
2/28/2019		0.1		
3/5/2019	0.64			
5/31/2019			<0.1	<0.1
6/4/2019	0.09 (J)	0.08 (J)		
11/6/2019			<0.1	<0.1
11/12/2019	0.57	0.045 (J)		
4/16/2020			<0.1	<0.1
4/18/2020		<0.1		
4/22/2020	0.39			
10/7/2020			<0.1	<0.1
10/12/2020	0.46	0.04 (J)		
3/29/2021			<0.1	<0.1
4/1/2021	0.5	0.07		
9/2/2021			<0.1	0.04 (J)
9/8/2021	0.36	0.048 (J)		
3/22/2022			<0.1	<0.1
3/25/2022	0.25	<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025	
3/2/2016					<0.00025
5/2/2016	<0.00025		<0.00025	<0.00025	
5/3/2016					0.0015
5/4/2016		<0.00025			
7/5/2016	<0.00025		<0.00025	<0.00025	0.0017
7/8/2016		<0.00025			
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025	
9/8/2016					0.0021 (J)
11/7/2016	<0.00025		<0.00025	<0.00025	
11/9/2016					<0.00025
11/10/2016		<0.00025			
1/9/2017	<0.00025		<0.00025	<0.00025	
1/11/2017		<0.00025			
1/12/2017					0.00041 (J)
3/13/2017	<0.00025		<0.00025	<0.00025	
3/14/2017		<0.00025			
3/17/2017					0.0011 (J)
5/15/2017	<0.00025		<0.00025	<0.00025	
5/16/2017					0.0011 (J)
5/18/2017		<0.00025			
3/12/2018	<0.00025		<0.00025	<0.00025	
3/13/2018					0.00047 (J)
3/14/2018		<0.00025			
6/5/2018	<0.00025		<0.00025	<0.00025	
6/8/2018					0.0013
6/10/2018		<0.00025			
10/16/2018	<0.00025		<0.00025	<0.00025	
10/18/2018		<0.00025			
11/13/2018					0.0014
2/27/2019	<0.00025	<0.00025	0.001 (J)	<0.00025	
2/28/2019					0.0012 (J)
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	
6/4/2019					0.00079 (J)
11/6/2019	0.0001 (J)	<0.00025	6.6E-05 (J)	8.4E-05 (J)	
11/12/2019					0.00069 (J)
4/16/2020	6.6E-05 (J)	<0.00025	<0.00025	<0.00025	
4/18/2020					0.00042
10/7/2020	<0.00025	<0.00025	<0.00025	<0.00025	
10/12/2020					0.00034 (J)
3/29/2021	<0.00025	<0.00025	<0.00025	<0.00025	
4/1/2021					0.00058
9/2/2021	<0.00025	<0.00025	<0.00025	<0.00025	
9/8/2021					<0.00025
3/22/2022	<0.00025	<0.00025	<0.00025	<0.00025	
3/25/2022					<0.00025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00025	<0.00025
3/2/2016	<0.00025	0.011		
5/2/2016				<0.00025
5/3/2016		0.0087	<0.00025	
5/4/2016	<0.00025			
7/5/2016		0.011	<0.00025	<0.00025
7/6/2016	<0.00025			
9/6/2016			<0.00025	<0.00025
9/8/2016	<0.00025	0.0092		
11/7/2016			<0.00025	<0.00025
11/8/2016	<0.00025			
11/9/2016		0.01		
1/9/2017			<0.00025	<0.00025
1/12/2017		0.0086		
1/13/2017	<0.00025			
3/13/2017			<0.00025	<0.00025
3/16/2017	<0.00025			
3/17/2017		0.0082		
5/15/2017			<0.00025	<0.00025
5/17/2017	<0.00025	0.0081		
3/12/2018			<0.00025	<0.00025
3/14/2018	<0.00025	0.004		
6/6/2018			<0.00025	<0.00025
6/8/2018		0.0034		
6/9/2018	<0.00025			
10/17/2018		0.0026	<0.00025	<0.00025
11/14/2018	<0.00025			
2/27/2019			<0.00025	<0.00025
2/28/2019		0.0019		
3/5/2019	0.00037 (J)			
5/31/2019			<0.00025	<0.00025
6/4/2019	0.00065 (J)	0.0011 (J)		
11/6/2019			<0.00025	0.0002 (J)
11/12/2019	0.00061 (J)	0.001 (J)		
4/16/2020			<0.00025	0.00016 (J)
4/18/2020		0.00057		
4/22/2020	0.0005			
10/7/2020			<0.00025	<0.00025
10/12/2020	0.0005 (J)	0.00085 (J)		
3/29/2021			<0.00025	<0.00025
4/1/2021	0.00057	0.00076		
9/2/2021			<0.00025	<0.00025
9/8/2021	0.00034 (J)	0.0004 (J)		
3/22/2022			<0.00025	<0.00025
3/25/2022	<0.00025	<0.00025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.005	<0.005	<0.005	<0.005	
3/2/2016					0.01 (J)
5/2/2016	<0.005		<0.005	<0.005	
5/3/2016					<0.005
5/4/2016		<0.005			
7/5/2016	<0.005		<0.005	<0.005	<0.005
7/8/2016		<0.005			
9/6/2016	<0.005	0.0037 (J)	<0.005	<0.005	
9/8/2016					<0.005
11/7/2016	<0.005		<0.005	<0.005	
11/9/2016					<0.005
11/10/2016		<0.005			
1/9/2017	<0.005		<0.005	<0.005	
1/11/2017		<0.005			
1/12/2017					<0.005
3/13/2017	<0.005		<0.005	<0.005	
3/14/2017		<0.005			
3/17/2017					<0.005
5/15/2017	<0.005		<0.005	<0.005	
5/16/2017					<0.005
5/18/2017		<0.005			
3/12/2018	0.0011 (J)		0.0014 (J)	<0.005	
3/13/2018					<0.005
3/14/2018		<0.005			
6/5/2018	<0.005		0.0012 (J)	<0.005	
6/8/2018					<0.005
6/10/2018		<0.005			
10/16/2018	<0.005		0.0015 (J)	0.0013 (J)	
10/18/2018		0.0013 (J)			
11/13/2018					0.0024 (J)
2/27/2019	<0.005	<0.005	<0.005	<0.005	
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	<0.005	
11/12/2019					<0.005
4/16/2020	0.0006 (J)	<0.005	0.00063 (J)	<0.005	
4/18/2020					<0.005
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)	
10/12/2020					<0.005
3/29/2021	<0.005	0.0019	<0.005	<0.005	
4/1/2021					<0.005
9/2/2021	<0.005	<0.005	<0.005	<0.005	
9/8/2021					<0.005
3/22/2022	0.0013	0.0014	<0.005	<0.005	
3/25/2022					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.005	0.0037
3/2/2016	<0.005	<0.005		
5/2/2016				<0.005
5/3/2016		<0.005	<0.005	
5/4/2016	0.0069			
7/5/2016		<0.005	<0.005	<0.005
7/6/2016	0.0086			
9/6/2016			<0.005	<0.005
9/8/2016	0.035	<0.005		
11/7/2016			<0.005	0.0097 (o)
11/8/2016	<0.005			
11/9/2016		<0.005		
1/9/2017			<0.005	<0.005
1/12/2017		<0.005		
1/13/2017	0.0078			
3/13/2017			<0.005	<0.005
3/16/2017	0.0062			
3/17/2017		<0.005		
5/15/2017			<0.005	<0.005
5/17/2017	0.0042 (J)	<0.005		
3/12/2018			<0.005	<0.005
3/14/2018	0.0053	<0.005		
6/6/2018			<0.005	0.0021 (J)
6/8/2018		0.0012 (J)		
6/9/2018	0.0044 (J)			
10/17/2018		0.0014 (J)	<0.005	0.0012 (J)
11/14/2018	0.005			
2/27/2019			<0.005	0.002 (J)
2/28/2019		<0.005		
3/5/2019	0.0043 (J)			
5/31/2019			0.0015 (J)	0.0026 (J)
6/4/2019	0.0044 (J)	<0.005		
11/6/2019			0.00063 (J)	0.0012
11/12/2019	0.0026 (J)	<0.005		
4/16/2020			<0.005	0.00091 (J)
4/18/2020		<0.005		
4/22/2020	0.0024			
10/7/2020			0.005	0.0049 (J)
10/12/2020	0.0026 (J)	<0.005		
3/29/2021			<0.005	0.0042
4/1/2021	0.005	0.0029		
9/2/2021			<0.005	<0.005
9/8/2021	0.0033 (J)	<0.005		
3/22/2022			0.0012	<0.005
3/25/2022	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002	
3/2/2016					0.0027
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002	
5/3/2016					0.003
5/4/2016		<0.0002			
7/5/2016	<0.0002		<0.0002	<0.0002	0.0023
7/8/2016		<0.0002 (*)			
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002	
9/8/2016					0.0034
11/7/2016	<0.0002		<0.0002	<0.0002	
11/9/2016					0.0012
11/10/2016		<0.0002			
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)	
1/11/2017		<0.0002			
1/12/2017					0.0012
3/13/2017	<0.0002		<0.0002	<0.0002	
3/14/2017		<0.0002 (*)			
3/17/2017					0.0022
5/15/2017	<0.0002		<0.0002	<0.0002	
5/16/2017					0.0019
5/18/2017		<0.0002			
3/12/2018	<0.0002		<0.0002	<0.0002	
3/13/2018					0.0014
3/14/2018		9.3E-05 (J)			
6/5/2018	<0.0002		<0.0002	<0.0002	
6/8/2018					0.0018
6/10/2018		<0.0002			
10/16/2018	<0.0002		<0.0002	<0.0002	
10/18/2018		<0.0002			
11/13/2018					0.0021
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2019					0.0016
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	
6/4/2019					0.00061
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2019					0.00056
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002	
4/18/2020					0.00013 (J)
10/7/2020	<0.0002	<0.0002	0.00025	0.00013 (J)	
10/12/2020					0.00017 (J)
3/29/2021	<0.0002	<0.0002	<0.0002	<0.0002	
4/1/2021					0.00025
9/2/2021	<0.0002	<0.0002	<0.0002	<0.0002	
9/8/2021					<0.0002
3/22/2022	<0.0002	<0.0002	<0.0002	<0.0002	
3/25/2022					<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0002	<0.0002
3/2/2016	0.0026	0.00024		
5/2/2016				<0.0002
5/3/2016		0.00036	<0.0002	
5/4/2016	0.0022			
7/5/2016		0.0007	<0.0002	<0.0002
7/6/2016	0.0026			
9/6/2016			<0.0002 (*)	<0.0002 (*)
9/8/2016	0.0027	0.00081		
11/7/2016			<0.0002	<0.0002
11/8/2016	0.0016			
11/9/2016		0.00099		
1/9/2017			<0.0002 (*)	<0.0002 (*)
1/12/2017		0.00064		
1/13/2017	0.0026			
3/13/2017			<0.0002	<0.0002
3/16/2017	0.0015			
3/17/2017		0.00033		
5/15/2017			<0.0002	<0.0002
5/17/2017	0.00016 (J)	0.00034		
3/12/2018			<0.0002	<0.0002
3/14/2018	0.00051	0.0002		
6/6/2018			<0.0002	<0.0002
6/8/2018		0.00016 (J)		
6/9/2018	0.00032			
10/17/2018		0.00014 (J)	<0.0002	<0.0002
11/14/2018	8.2E-05 (J)			
2/27/2019			<0.0002	<0.0002
2/28/2019		0.00012 (J)		
3/5/2019	0.0026			
5/31/2019			<0.0002	<0.0002
6/4/2019	0.0012	<0.0002		
11/6/2019			<0.0002	<0.0002
11/12/2019	0.00048	<0.0002		
4/16/2020			<0.0002	<0.0002
4/18/2020		<0.0002		
4/22/2020	0.0004			
10/7/2020			8E-05 (J)	<0.0002
10/12/2020	0.00026	<0.0002		
3/29/2021			<0.0002	<0.0002
4/1/2021	0.00029	<0.0002		
9/2/2021			<0.0002	<0.0002
9/8/2021	<0.0002	<0.0002		
3/22/2022			<0.0002	<0.0002
3/25/2022	<0.0002	<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.003	<0.003	<0.003	<0.003	
3/2/2016					<0.003
5/2/2016	<0.003		<0.003	<0.003	
5/3/2016					<0.003
5/4/2016		<0.003			
7/5/2016	<0.003		<0.003	<0.003	<0.003
7/8/2016		<0.003			
9/6/2016	<0.003	<0.003	<0.003	<0.003	
9/8/2016					<0.003
11/7/2016	<0.003		<0.003	<0.003	
11/9/2016					<0.003
11/10/2016		<0.003			
1/9/2017	<0.003		<0.003	<0.003	
1/11/2017		<0.003			
1/12/2017					<0.003
3/13/2017	0.0042 (J)		<0.003	0.0022 (J)	
3/14/2017		<0.003			
3/17/2017					0.0078 (J)
5/15/2017	<0.003		<0.003	<0.003	
5/16/2017					<0.003
5/18/2017		<0.003			
3/12/2018	<0.003		<0.003	<0.003	
3/13/2018					<0.003
3/14/2018		<0.003			
6/5/2018	<0.003		0.00088 (J)	<0.003	
6/8/2018					<0.003
6/10/2018		<0.003			
10/16/2018	<0.003		<0.003	<0.003	
10/18/2018		<0.003			
11/13/2018					<0.003
2/27/2019	<0.003	<0.003	<0.003	<0.003	
2/28/2019					<0.003
5/31/2019	<0.003	<0.003	<0.003	<0.003	
11/6/2019	<0.003	<0.003	<0.003	<0.003	
4/16/2020	<0.003	<0.003	<0.003	<0.003	
4/18/2020					<0.003
10/7/2020	<0.003	<0.003	<0.003	<0.003	
10/12/2020					<0.003
3/29/2021	<0.003	<0.003	<0.003	<0.003	
4/1/2021					<0.003
9/2/2021	<0.003	<0.003	<0.003	<0.003	
9/8/2021					<0.003
3/22/2022	0.00066 (J)	0.00064 (J)	<0.003	<0.003	
3/25/2022					<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.003	<0.003
3/2/2016	<0.003	<0.003		
5/2/2016				<0.003
5/3/2016		<0.003	<0.003	
5/4/2016	<0.003			
7/5/2016		<0.003	<0.003	<0.003
7/6/2016	<0.003			
9/6/2016			<0.003	<0.003
9/8/2016	<0.003	<0.003		
11/7/2016			<0.003	<0.003
11/8/2016	<0.003			
11/9/2016		<0.003		
1/9/2017			<0.003	<0.003
1/12/2017		<0.003		
1/13/2017	<0.003			
3/13/2017			<0.003	<0.003
3/16/2017	0.0015 (J)			
3/17/2017		<0.003		
5/15/2017			<0.003	<0.003
5/17/2017	<0.003	<0.003		
3/12/2018			<0.003	<0.003
3/14/2018	<0.003	0.00092 (J)		
6/6/2018			<0.003	<0.003
6/8/2018		<0.003		
6/9/2018	<0.003			
10/17/2018		<0.003	<0.003	<0.003
11/14/2018	<0.003			
2/27/2019			<0.003	<0.003
2/28/2019		<0.003		
3/5/2019	<0.003			
5/31/2019			<0.003	<0.003
11/6/2019			<0.003	<0.003
4/16/2020			<0.003	<0.003
4/18/2020		<0.003		
4/22/2020	<0.003			
10/7/2020			<0.003	<0.003
10/12/2020	<0.003	<0.003		
3/29/2021			<0.003	<0.003
4/1/2021	<0.003	<0.003		
9/2/2021			<0.003	<0.003
9/8/2021	<0.003	<0.003		
3/22/2022			0.0011 (J)	0.00031 (J)
3/25/2022	<0.003	<0.003		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025	
3/2/2016					0.018
5/2/2016	<0.00025		<0.00025	0.00025 (J)	
5/3/2016					0.016
5/4/2016		<0.00025			
7/5/2016	<0.00025		<0.00025	<0.00025	0.018
7/8/2016		<0.00025			
9/6/2016	0.00049 (J)	<0.00025	<0.00025	0.00027 (J)	
9/8/2016					0.016
11/7/2016	<0.00025		<0.00025	<0.00025	
11/9/2016					0.013
11/10/2016		<0.00025			
1/9/2017	<0.00025		<0.00025	<0.00025	
1/11/2017		0.00049 (J)			
1/12/2017					0.004
3/13/2017	0.0023		<0.00025	0.0025	
3/14/2017		<0.00025			
3/17/2017					0.015
5/15/2017	<0.00025		<0.00025	<0.00025	
5/16/2017					0.01
5/18/2017		<0.00025			
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)	
3/13/2018					0.0064
3/14/2018		0.00067 (J)			
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)	
6/8/2018					0.0076
6/10/2018		0.00028 (J)			
10/16/2018	<0.00025		<0.00025	<0.00025	
10/18/2018		<0.00025			
11/13/2018					0.0062
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025	
2/28/2019					0.0044
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	
6/4/2019					0.0044
11/6/2019	<0.00025	<0.00025	<0.00025	0.00034	
11/12/2019					0.0042
4/16/2020	<0.00025	<0.00025	<0.00025	0.0004	
4/18/2020					0.0028
10/7/2020	<0.00025	<0.00025	<0.00025	<0.00025	
10/12/2020					0.0025
3/29/2021	<0.00025	<0.00025	<0.00025	<0.00025	
4/1/2021					0.0042
9/2/2021	<0.00025	<0.00025	<0.00025	<0.00025	
9/8/2021					0.0033
3/22/2022	<0.00025	<0.00025	<0.00025	0.00051	
3/25/2022					<0.00025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.00025	<0.00025
3/2/2016	0.013	0.026		
5/2/2016				<0.00025
5/3/2016		0.019	<0.00025	
5/4/2016	0.014			
7/5/2016		0.018	<0.00025	<0.00025
7/6/2016	0.015			
9/6/2016			<0.00025	<0.00025
9/8/2016	0.018	0.018		
11/7/2016			<0.00025	<0.00025
11/8/2016	0.015			
11/9/2016		0.02		
1/9/2017			<0.00025	<0.00025
1/12/2017		0.017		
1/13/2017	0.014			
3/13/2017			<0.00025	<0.00025
3/16/2017	0.012			
3/17/2017		0.016		
5/15/2017			<0.00025	<0.00025
5/17/2017	0.0094	0.013		
3/12/2018			0.00026 (J)	<0.00025
3/14/2018	0.0049	0.019		
6/6/2018			0.00025 (J)	0.00026 (J)
6/8/2018		0.018		
6/9/2018	0.0047			
10/17/2018		0.013	<0.00025	<0.00025
11/14/2018	0.0031			
2/27/2019			<0.00025	<0.00025
2/28/2019		0.011		
3/5/2019	0.0012 (J)			
5/31/2019			<0.00025	<0.00025
6/4/2019	0.002	0.015		
11/6/2019			<0.00025	<0.00025
11/12/2019	0.0026	0.012		
4/16/2020			<0.00025	<0.00025
4/18/2020		0.0085		
4/22/2020	0.0037			
10/7/2020			<0.00025	<0.00025
10/12/2020	0.003	0.0071		
3/29/2021			<0.00025	<0.00025
4/1/2021	0.0036	0.008		
9/2/2021			<0.00025	<0.00025
9/8/2021	0.0046	0.0059		
3/22/2022			<0.00025	<0.00025
3/25/2022	0.005	0.0069		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<5	<5	<5	1.6 (J)	
3/2/2016					400
5/2/2016	15 (o)		<5	2.1 (J)	
5/3/2016					2.2 (J)
5/4/2016		<5			
7/5/2016	<5		<5	2 (J)	450 (J)
7/8/2016		<5			
9/6/2016	<5	<5	<5	1.8 (J)	
9/8/2016					450
11/7/2016	<5		<5	1.7 (J)	
11/9/2016					430
11/10/2016		<5			
1/9/2017	<5		2.6 (J)	1.5 (J)	
1/11/2017		<5			
1/12/2017					130
3/13/2017	2.5 (J)		<5	2.2 (J)	
3/14/2017		<5			
3/17/2017					290
5/15/2017	<5		<5	1.9 (J)	
5/16/2017					280
5/18/2017		<5 (X)			
10/2/2017	<5		<5	3.4 (J)	
10/4/2017					250
10/5/2017		<5			
12/20/2017					230 (R)
3/12/2018	<5		<5	2.6 (J)	
3/13/2018					160
3/14/2018		<5			
6/5/2018	<5		<5	2.6 (J)	
6/8/2018					160
6/10/2018		1.5 (J)			
10/16/2018	<5		<5	2.8 (J)	
10/18/2018		<5			
11/13/2018					130
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	
2/28/2019					130
5/31/2019	<5	<5	<5	3.3 (J)	
6/4/2019					100
11/6/2019	<5	<5	<5	3.7 (J)	
11/12/2019					100
4/16/2020	<5	<5	<5	1.7 (J)	
4/18/2020					64
10/7/2020	<5	<5	<5	4 (J)	
10/12/2020					64
3/29/2021	<5	<5	<5	2.3	
4/1/2021					84
9/2/2021	<5	<5	<5	4.7 (J)	
9/8/2021					60
3/22/2022	<5	<5	<5	4.5 (J)	
3/25/2022					71

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<5	<5
3/2/2016	450	460		
5/2/2016				<5
5/3/2016		740	<5	
5/4/2016	500			
7/5/2016		750	<5	<5
7/6/2016	370			
9/6/2016			<5	3.7 (J)
9/8/2016	450	710		
11/7/2016			<5	<5
11/8/2016	450			
11/9/2016		810		
1/9/2017			<5	<5
1/12/2017		600		
1/13/2017	390			
3/13/2017			<5	<5
3/16/2017	290			
3/17/2017		640		
5/15/2017			<5	<5
5/17/2017	270	590		
10/2/2017			1.5 (J)	1.7 (J)
10/3/2017		480		
10/4/2017	240			
12/20/2017	210 (R)	470		
3/12/2018			<5	<5
3/14/2018	190	470		
6/6/2018			<5	<5
6/8/2018		440		
6/9/2018	170			
10/17/2018		270	<5	<5
11/14/2018	110			
2/27/2019			<5	<5
2/28/2019		240		
3/5/2019	86			
5/31/2019			<5	<5
6/4/2019	100	280		
11/6/2019			<5	<5
11/12/2019	93	260		
4/16/2020			<5	<5
4/18/2020		250		
4/22/2020	130			
10/7/2020			<5	<5
10/12/2020	110	230		
3/29/2021			<5	<5
4/1/2021	110	200		
9/2/2021			<5	<5
9/8/2021	110	140		
3/22/2022			<5	<5
3/25/2022	120	160		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0001	<0.0001	<0.0001	<0.0001	
3/2/2016					0.00058 (J)
5/2/2016	<0.0001		<0.0001	<0.0001	
5/3/2016					0.00041 (J)
5/4/2016		<0.0001			
7/5/2016	<0.0001		<0.0001	<0.0001	0.0004 (J)
7/8/2016		<0.0001			
9/6/2016	<0.0001	<0.0001	<0.0001	<0.0001	
9/8/2016					0.00045 (J)
11/7/2016	<0.0001		<0.0001	<0.0001	
11/9/2016					<0.0001
11/10/2016		<0.0001			
1/9/2017	<0.0001		<0.0001	<0.0001	
1/11/2017		<0.0001			
1/12/2017					0.00012 (J)
3/13/2017	<0.0001		<0.0001	<0.0001	
3/14/2017		<0.0001			
3/17/2017					0.00027 (J)
5/15/2017	<0.0001		<0.0001	<0.0001	
5/16/2017					0.00025 (J)
5/18/2017		<0.0001			
3/12/2018	<0.0001		<0.0001	<0.0001	
3/13/2018					0.00018 (J)
3/14/2018		<0.0001			
6/5/2018	<0.0001		<0.0001	<0.0001	
6/8/2018					0.00018 (J)
6/10/2018		<0.0001			
10/16/2018	<0.0001		<0.0001	<0.0001	
10/18/2018		<0.0001			
11/13/2018					<0.0001
2/27/2019	<0.0001	<0.0001	<0.0001	<0.0001	
2/28/2019					0.0001 (J)
5/31/2019	<0.0001	<0.0001	<0.0001	<0.0001	
6/4/2019					<0.0001
11/6/2019	<0.0001	<0.0001	<0.0001	<0.0001	
11/12/2019					<0.0001
4/16/2020	<0.0001	<0.0001	<0.0001	<0.0001	
4/18/2020					5.8E-05 (J)
10/7/2020	<0.0001	<0.0001	<0.0001	<0.0001	
10/12/2020					0.00014 (J)
3/29/2021	<0.0001	<0.0001	<0.0001	<0.0001 (D)	
4/1/2021					<0.0001
9/2/2021	0.00015 (J)	<0.0001	<0.0001	<0.0001	
9/8/2021					<0.0001
3/22/2022	<0.0001	<0.0001	<0.0001	<0.0001	
3/25/2022					<0.0001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0001	<0.0001
3/2/2016	0.0003 (J)	0.00095 (J)		
5/2/2016				<0.0001
5/3/2016		0.00089	<0.0001	
5/4/2016	0.0005			
7/5/2016		0.001	<0.0001	<0.0001
7/6/2016	0.00047 (J)			
9/6/2016			<0.0001	<0.0001
9/8/2016	0.00053 (J)	0.00088 (J)		
11/7/2016			<0.0001	<0.0001
11/8/2016	0.00055 (J)			
11/9/2016		0.00083 (J)		
1/9/2017			<0.0001	<0.0001
1/12/2017		0.00076		
1/13/2017	0.00057			
3/13/2017			<0.0001	<0.0001
3/16/2017	0.0004 (J)			
3/17/2017		0.00088		
5/15/2017			<0.0001	<0.0001
5/17/2017	0.00029 (J)	0.00071		
3/12/2018			<0.0001	<0.0001
3/14/2018	0.00027 (J)	0.00055		
6/6/2018			<0.0001	<0.0001
6/8/2018		0.00048 (J)		
6/9/2018	0.00023 (J)			
10/17/2018		0.0003 (J)	<0.0001	<0.0001
11/14/2018	0.00015 (J)			
2/27/2019			<0.0001	<0.0001
2/28/2019		0.00024 (J)		
3/5/2019	0.00016 (J)			
5/31/2019			<0.0001	<0.0001
6/4/2019	0.00011 (J)	0.00017 (J)		
11/6/2019			<0.0001	<0.0001
11/12/2019	0.00012 (J)	0.00019 (J)		
4/16/2020			<0.0001	<0.0001
4/18/2020		0.00023		
4/22/2020	0.00015			
10/7/2020			<0.0001	<0.0001
10/12/2020	0.00025 (J)	0.00033 (J)		
3/29/2021			<0.0001	<0.0001
4/1/2021	0.00012	0.0002		
9/2/2021			<0.0001	<0.0001
9/8/2021	<0.0001	<0.0001		
3/22/2022			<0.0001	<0.0001
3/25/2022	<0.0001	<0.0001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	58	14	18	46	
3/25/2022					380

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 11:31 AM View: 200 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

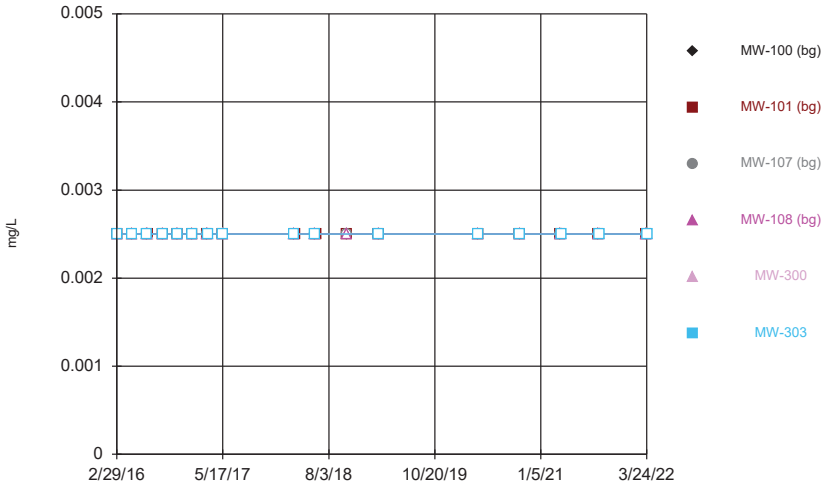
	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			10	<5
3/2/2016	7200	32000 (o)		
5/2/2016				36
5/3/2016		13000	<5	
5/4/2016	4500			
7/5/2016		8700	<5	<5
7/6/2016	4900			
9/6/2016			36	44
9/8/2016	4400	11000 (Q)		
11/7/2016			<5	30
11/8/2016	6200			
11/9/2016		13000		
1/9/2017			<5	12
1/12/2017		12000		
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		
3/22/2022			84	22
3/25/2022	610	630		

ND substitution: RL or RL/2 if <15% NDs.

300 Series

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

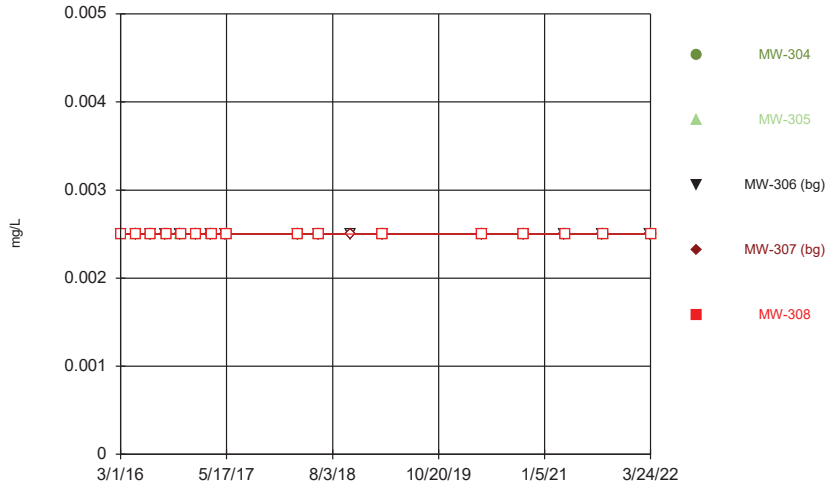
Time Series



Constituent: Antimony Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

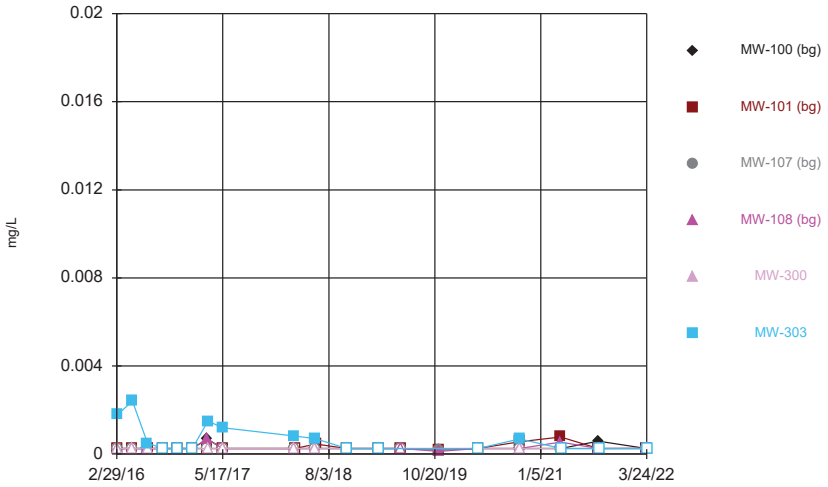
Time Series



Constituent: Antimony Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

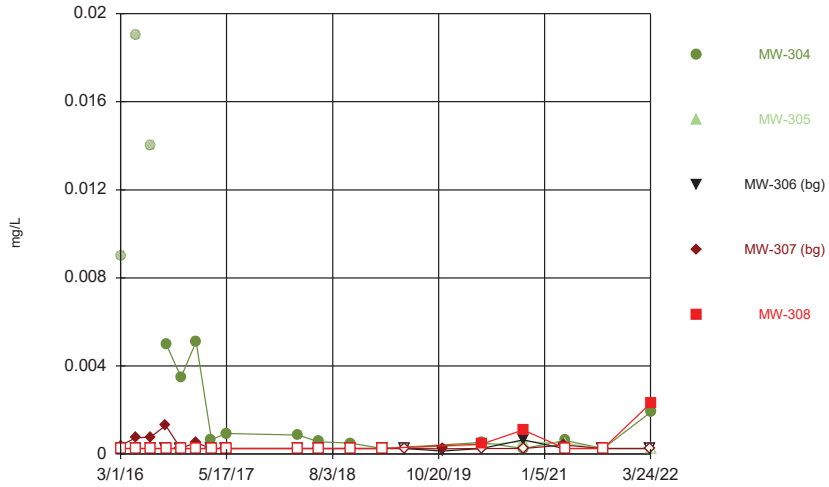
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

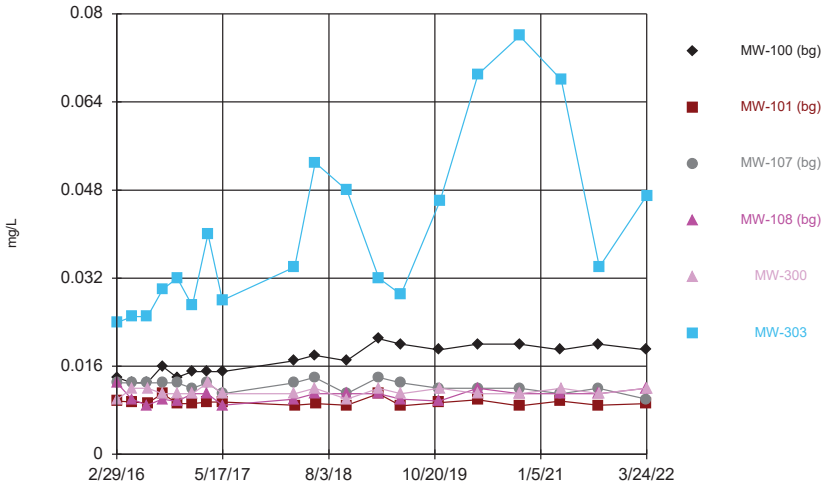
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

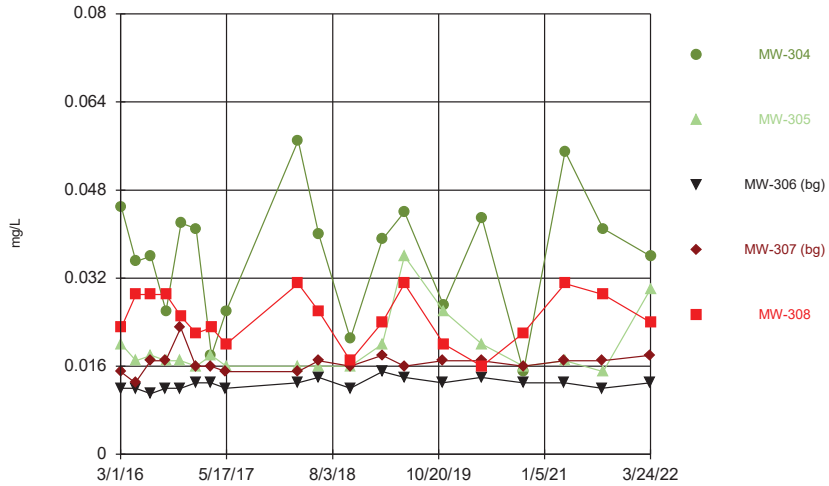
Time Series



Constituent: Barium Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

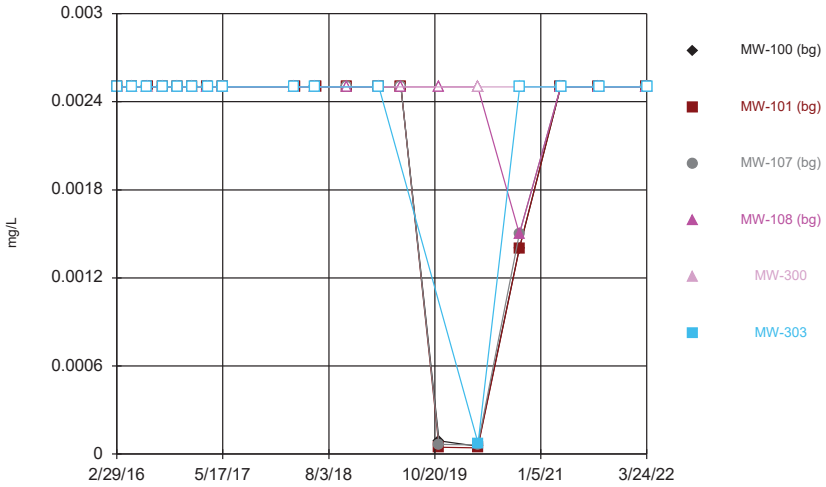
Time Series



Constituent: Barium Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

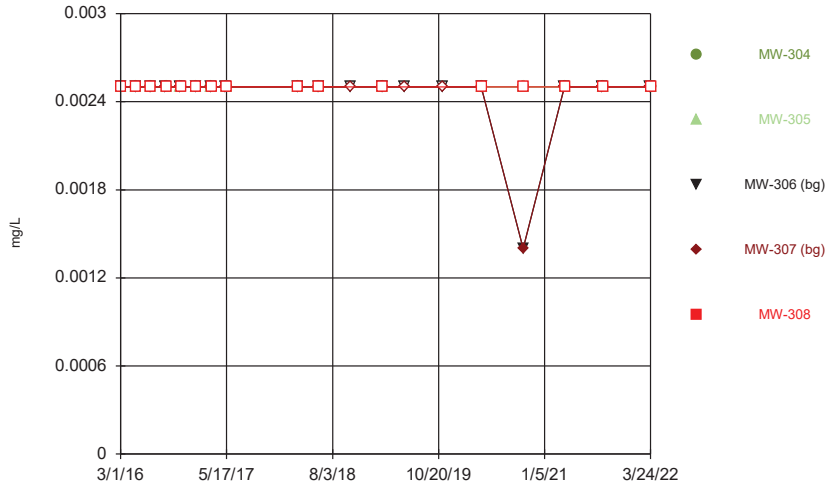
Time Series



Constituent: Beryllium Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

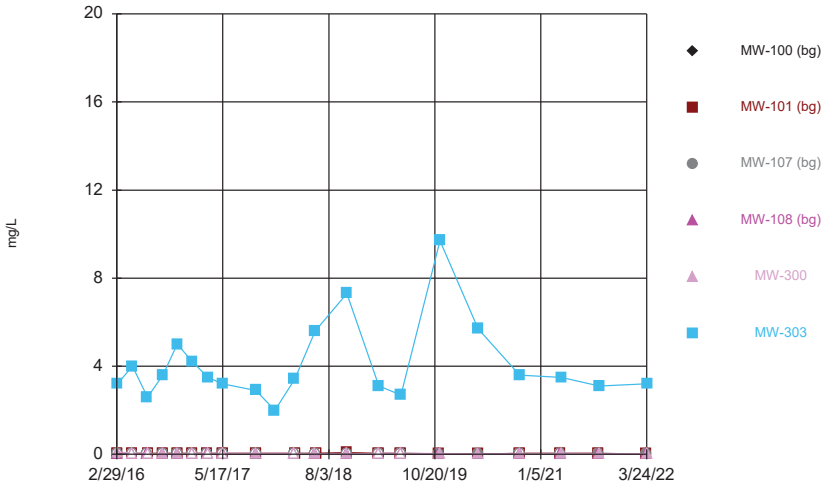
Time Series



Constituent: Beryllium Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

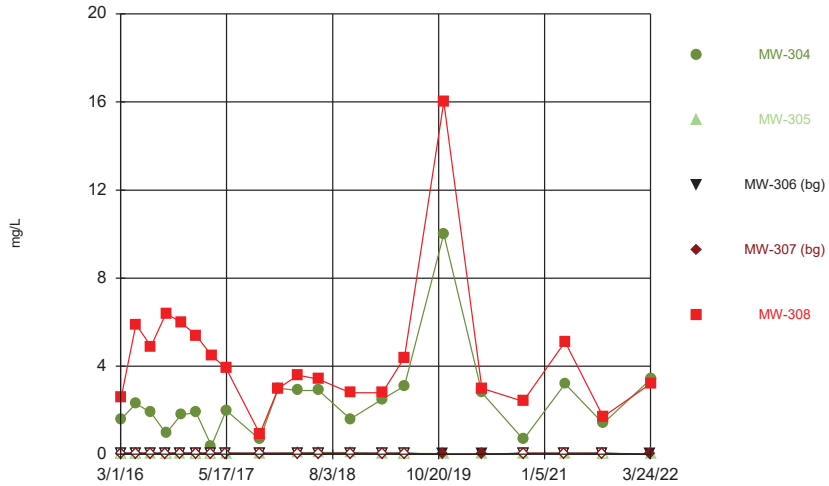
Time Series



Constituent: Boron Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

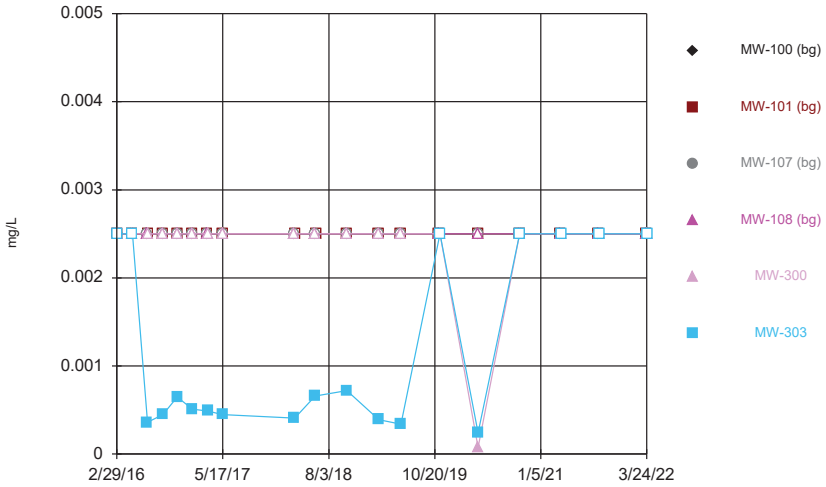
Time Series



Constituent: Boron Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

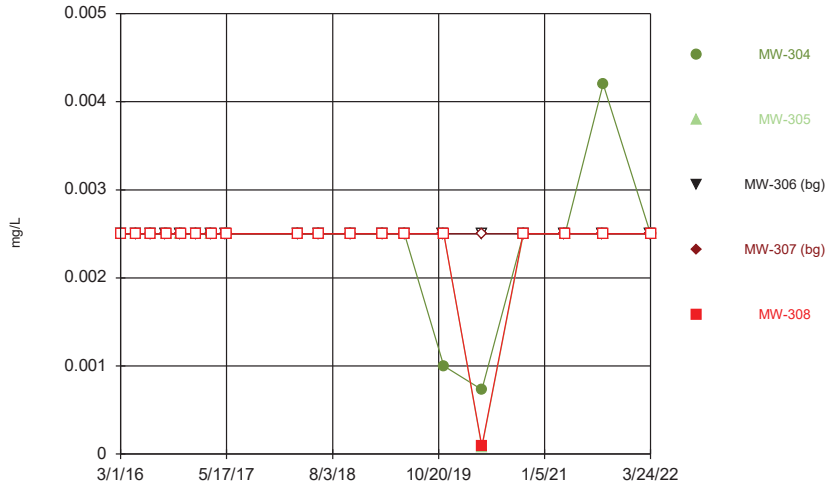
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

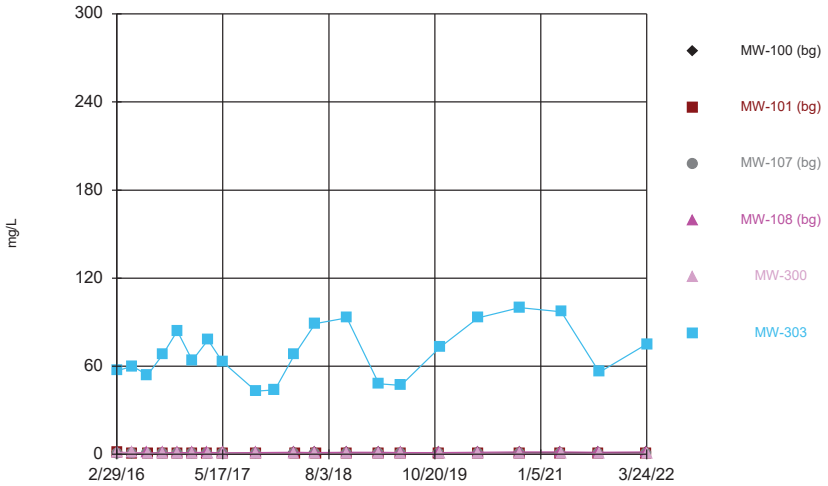
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 1:42 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

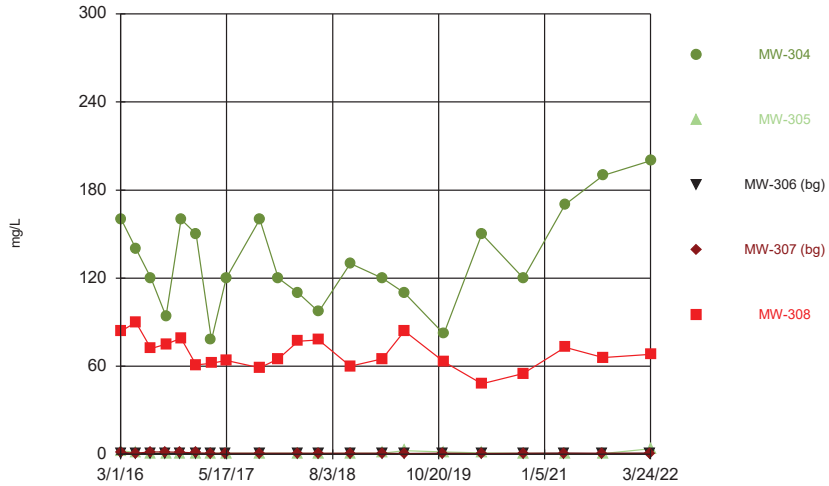


Constituent: Calcium Analysis Run 1/12/2023 1:42 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

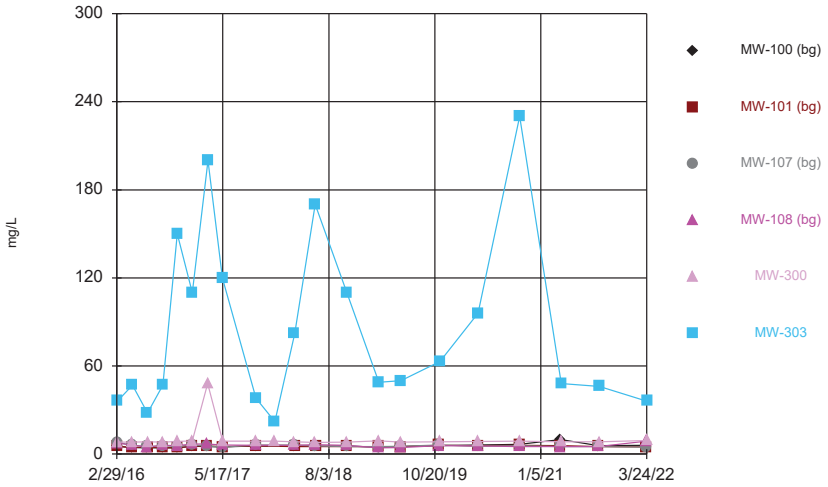


Constituent: Calcium Analysis Run 1/12/2023 1:42 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series



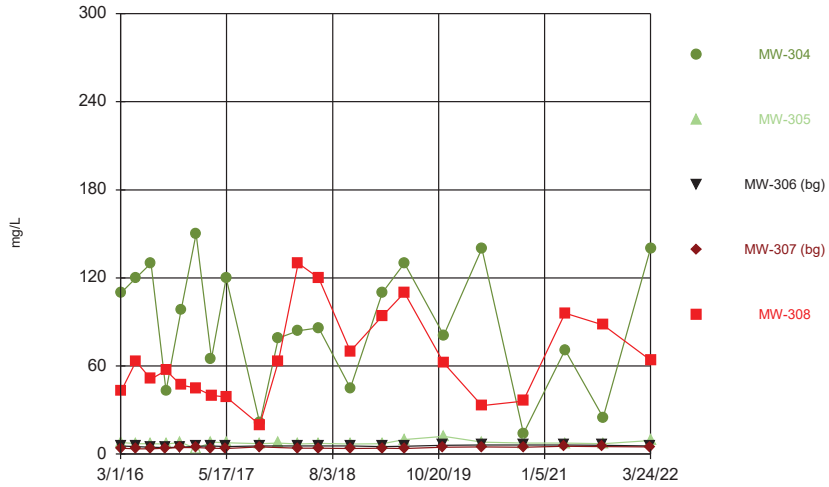
Constituent: Chloride Analysis Run 1/12/2023 1:42 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

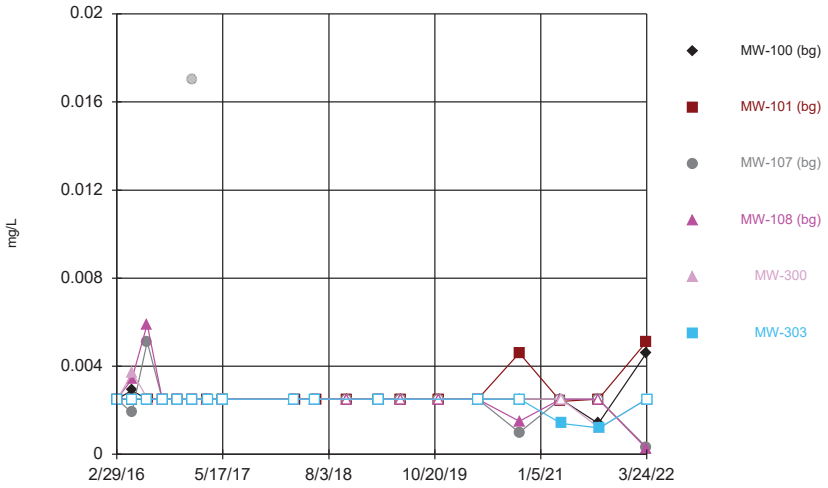


Constituent: Chloride Analysis Run 1/12/2023 1:43 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

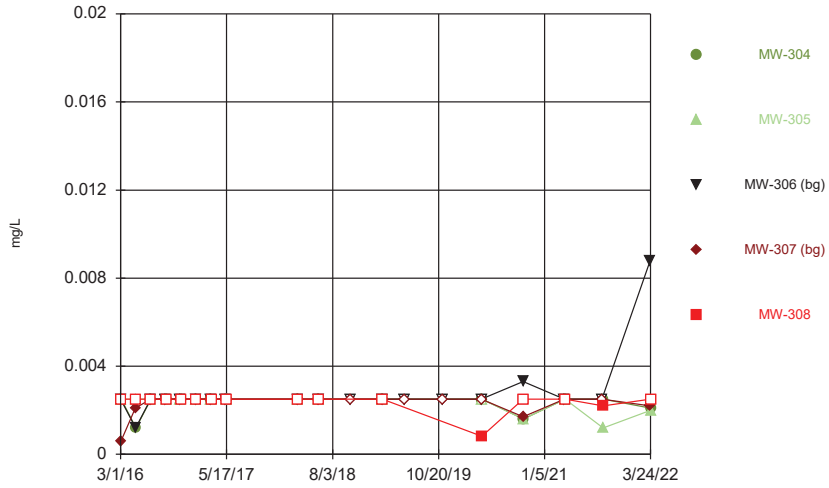
Time Series



Constituent: Chromium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

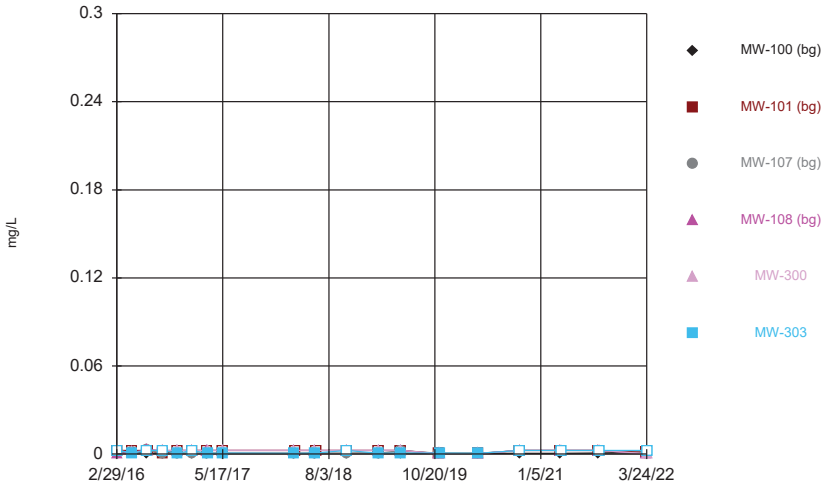
Time Series



Constituent: Chromium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

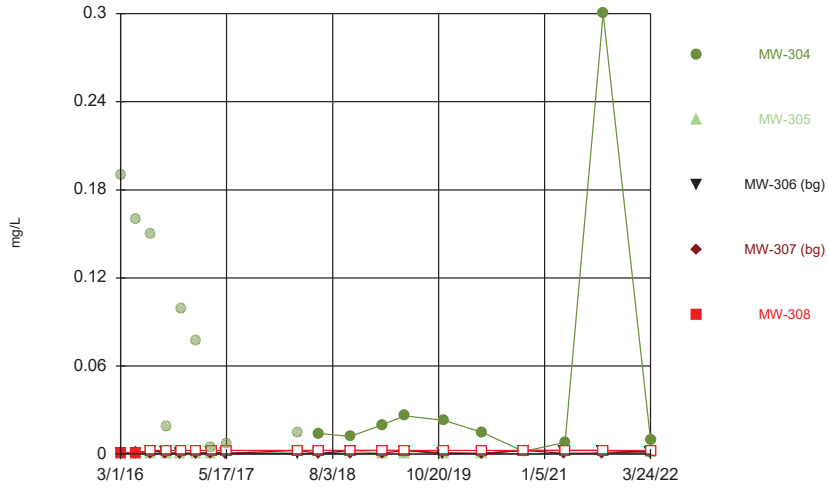
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

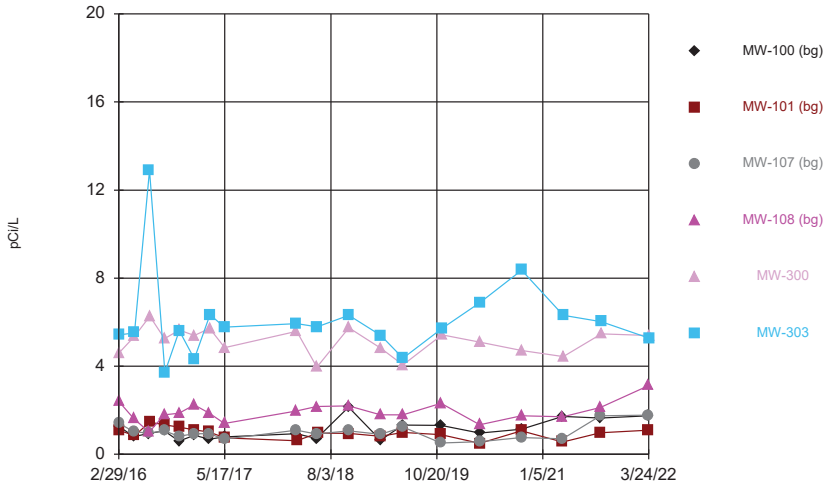
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

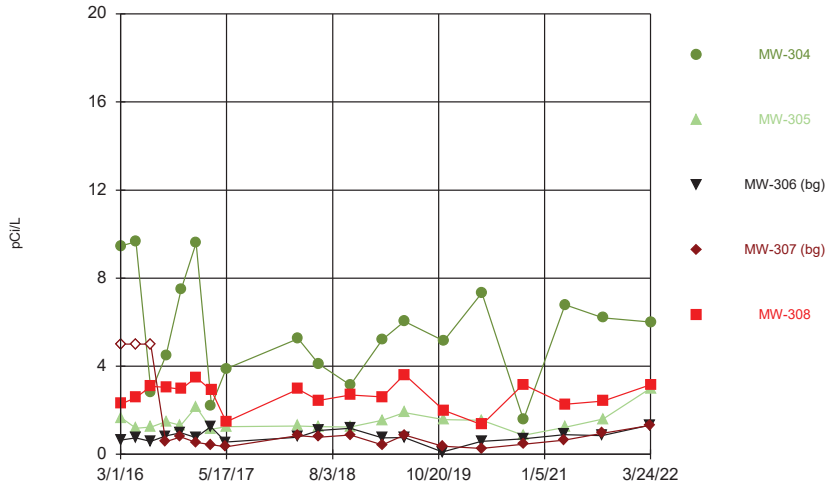
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

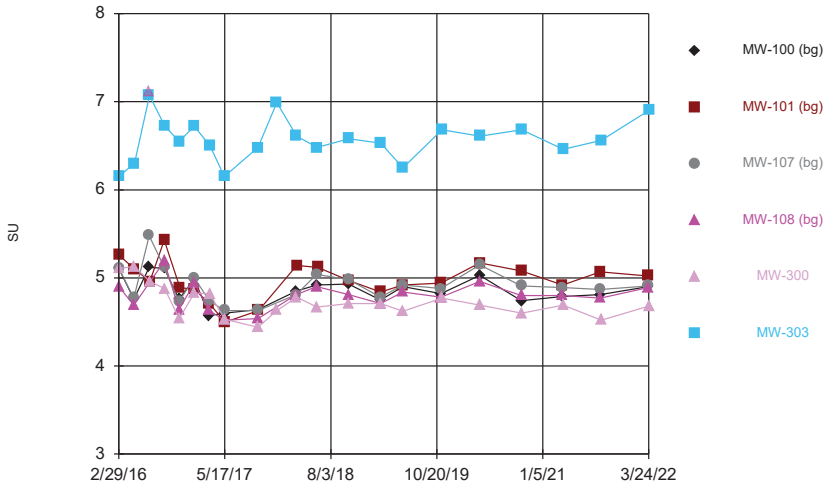
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

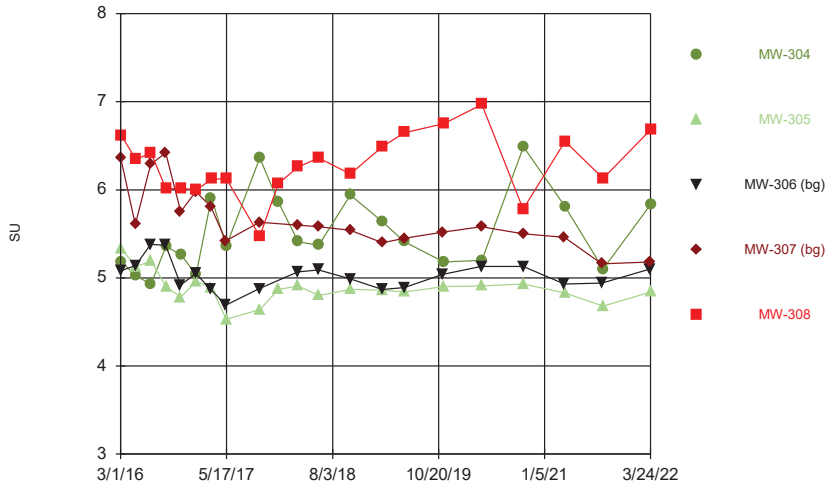
Time Series



Constituent: Field pH Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

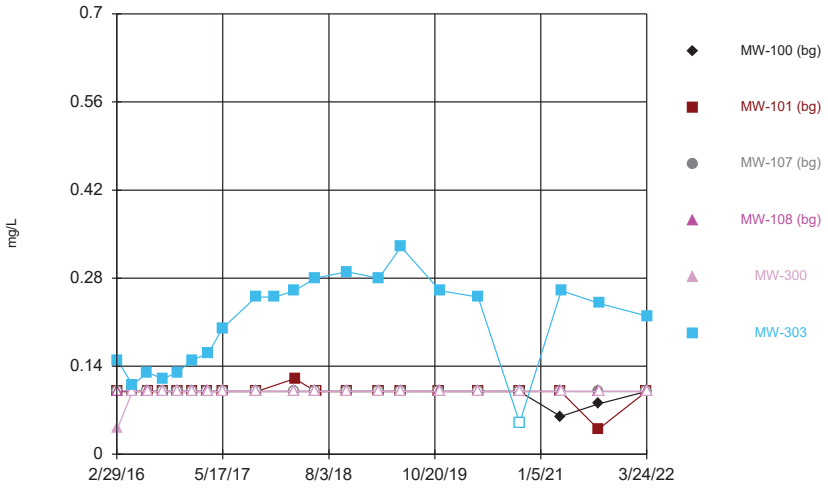
Time Series



Constituent: Field pH Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

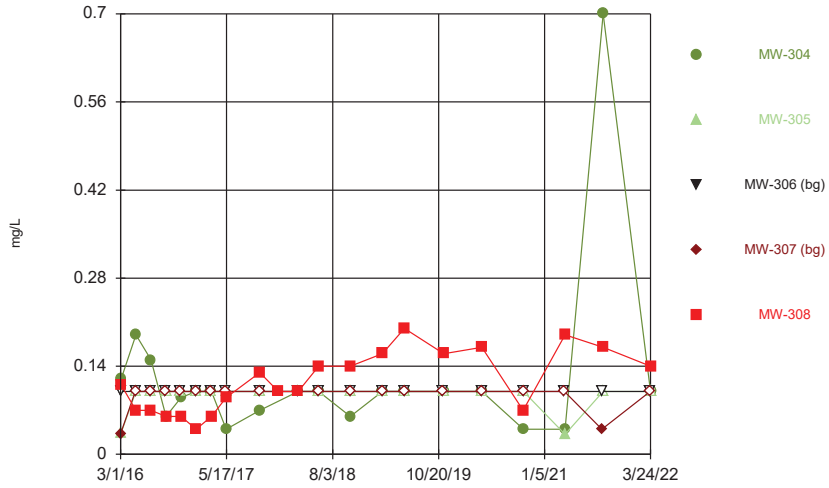
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

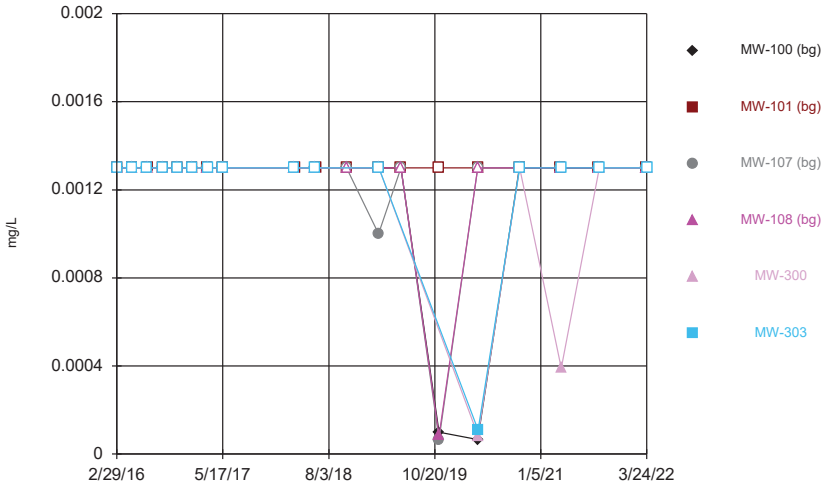
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

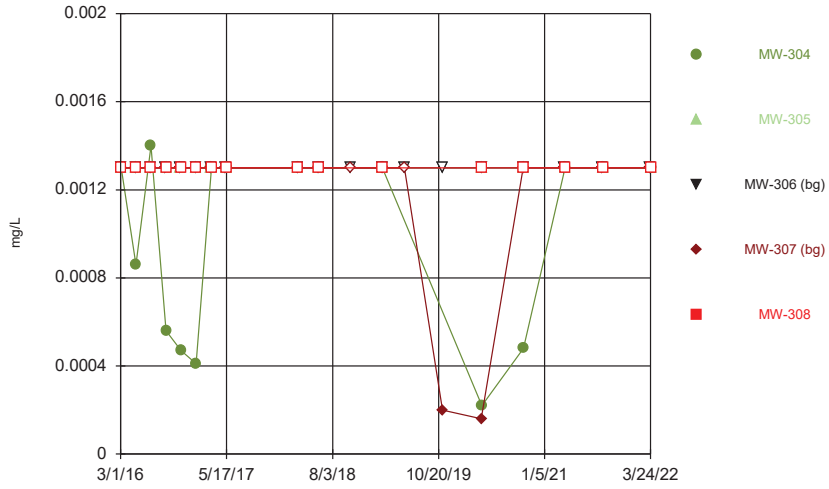
Time Series



Constituent: Lead Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

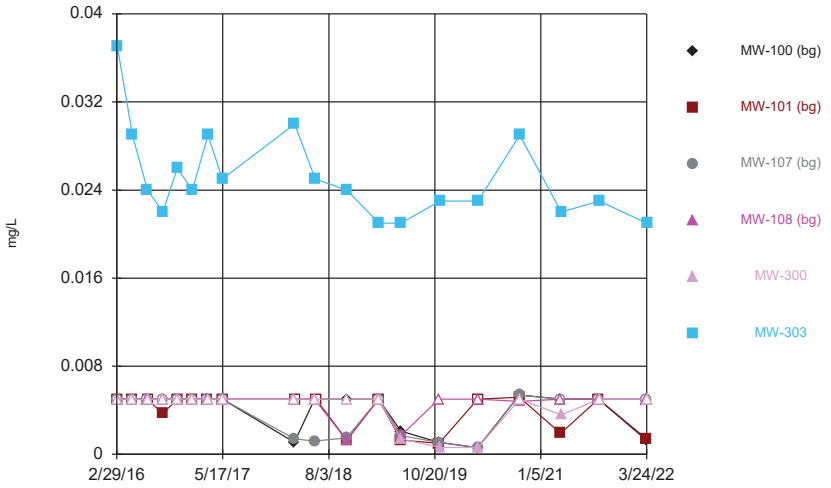
Time Series



Constituent: Lead Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

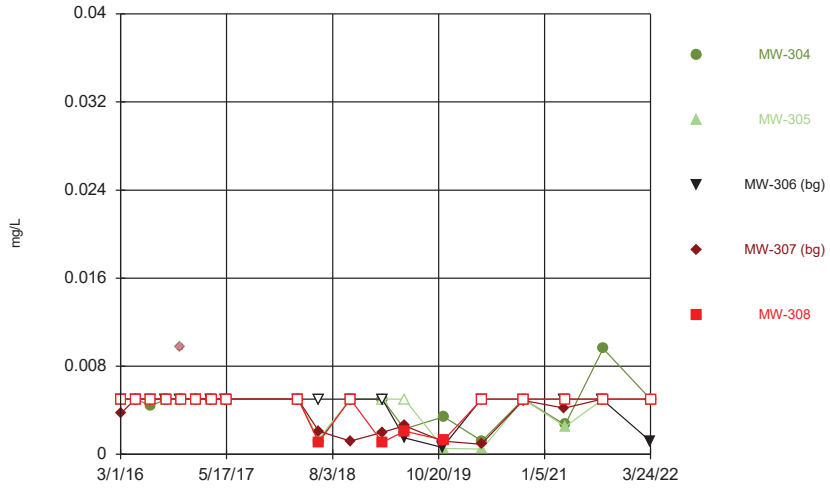
Time Series



Constituent: Lithium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

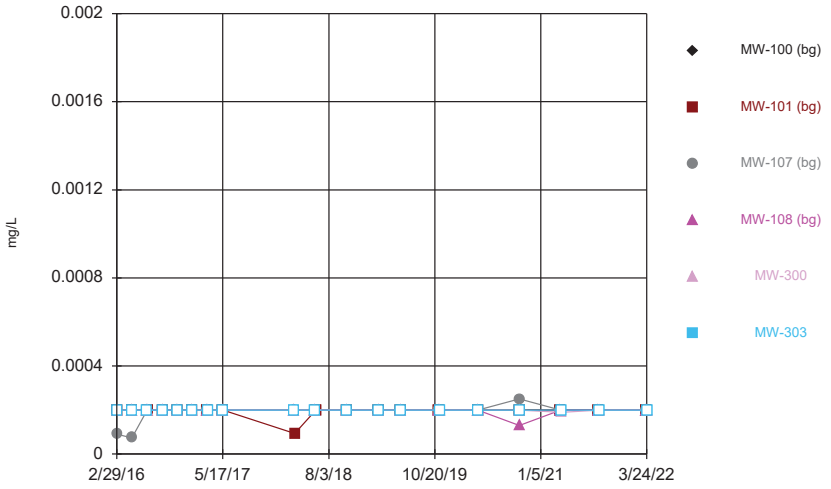
Time Series



Constituent: Lithium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

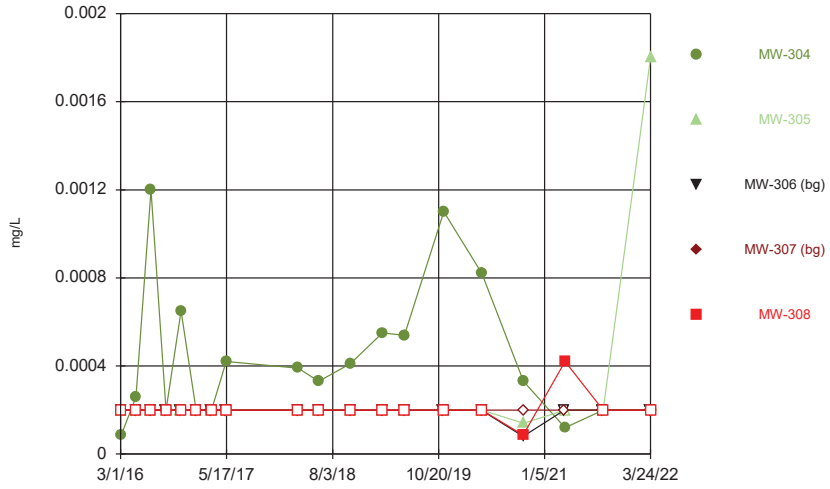
Time Series



Constituent: Mercury Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

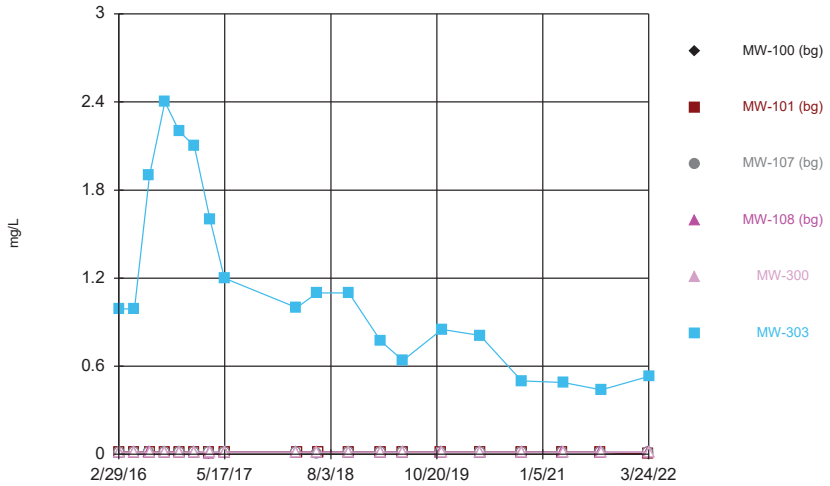
Time Series



Constituent: Mercury Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

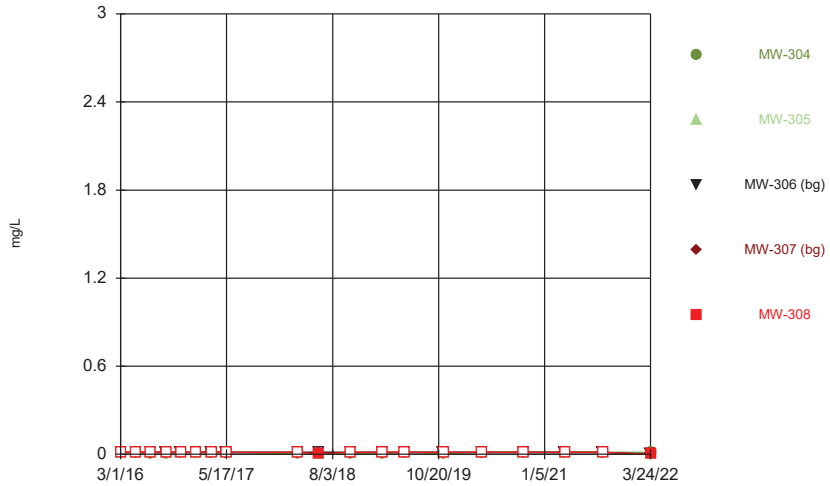
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

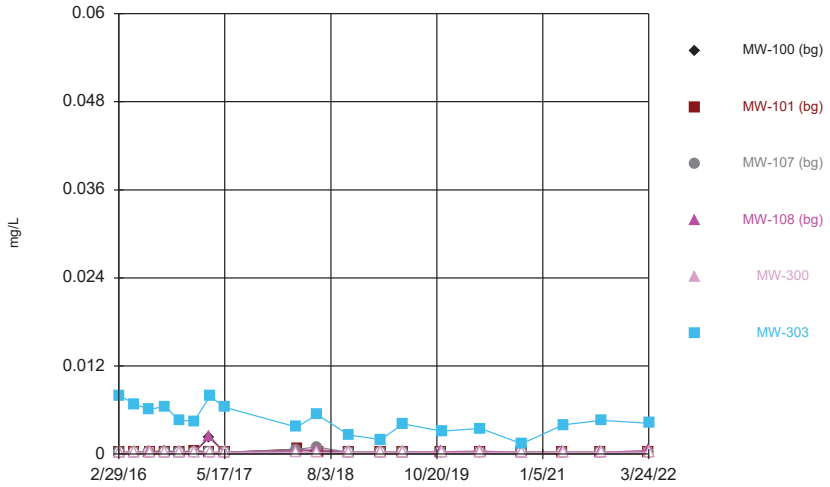
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

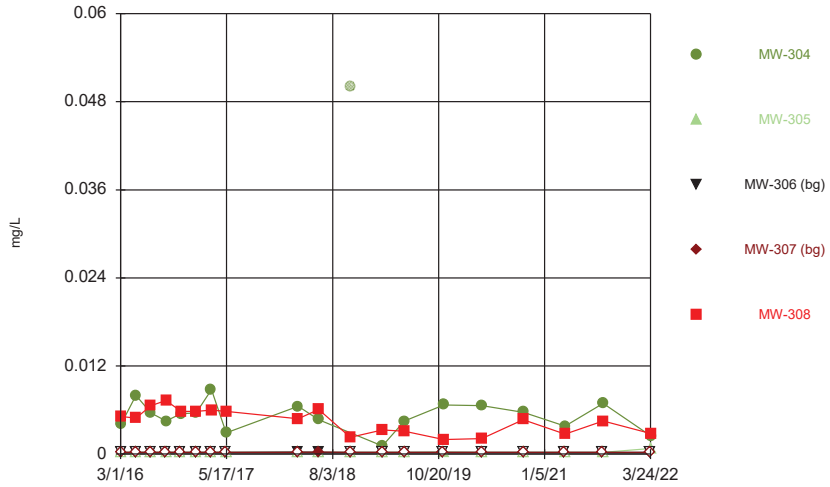
Time Series



Constituent: Selenium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

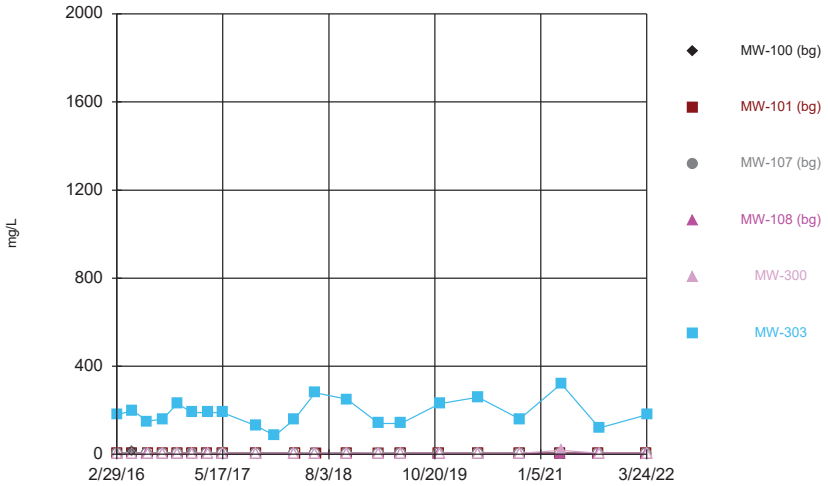
Time Series



Constituent: Selenium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

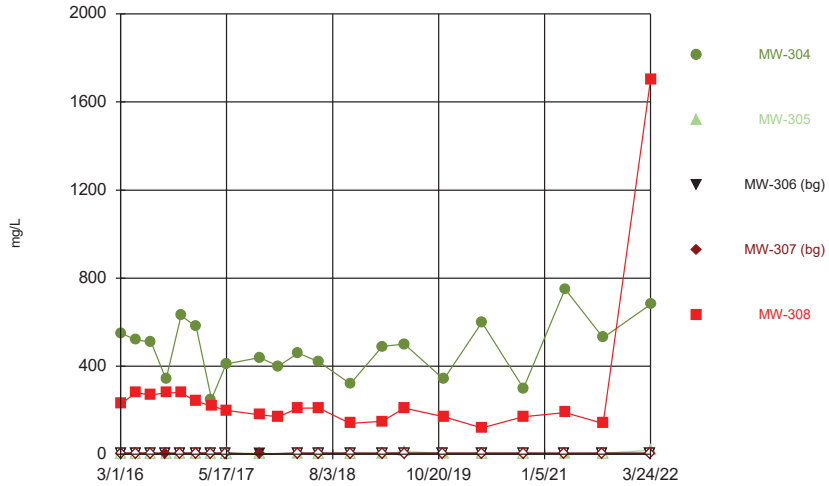
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

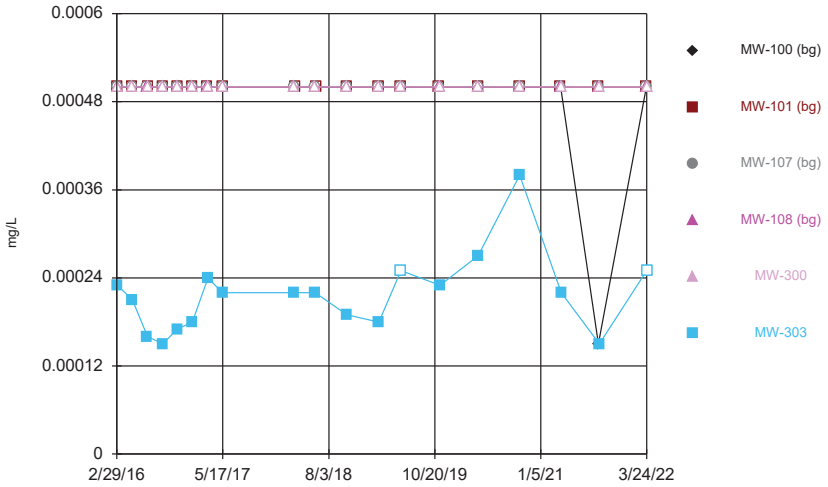
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

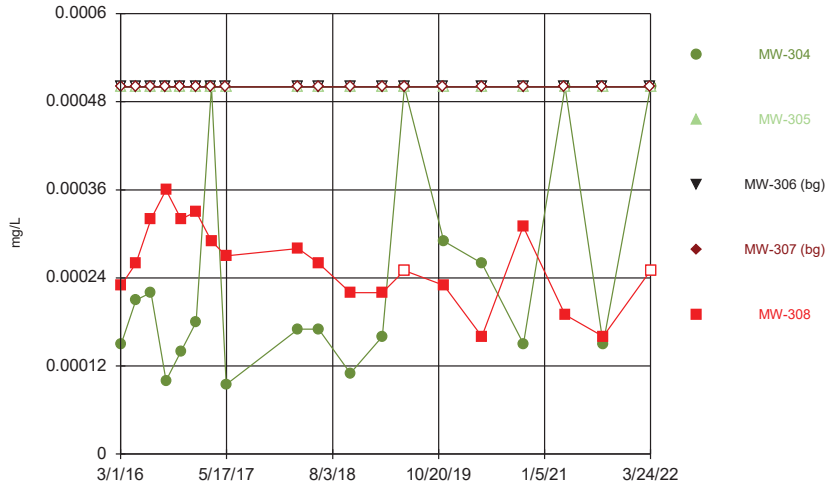
Time Series



Constituent: Thallium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

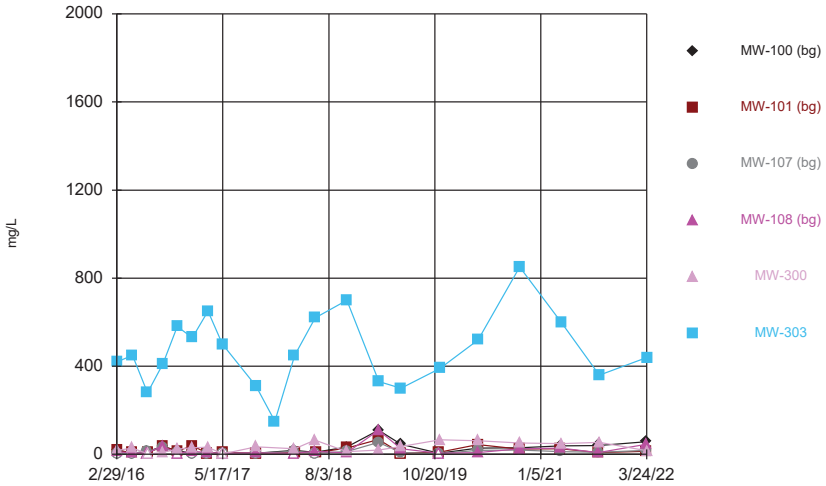
Time Series



Constituent: Thallium Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

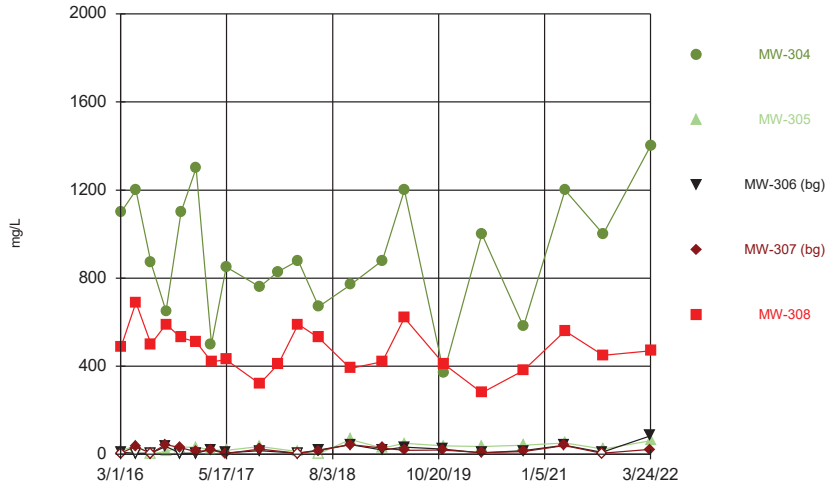
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:43 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		
5/4/2016		<0.0025			<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	<0.0025
11/10/2016		<0.0025				
1/9/2017	<0.0025		<0.0025	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025		<0.0025
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	<0.0025
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						<0.0025
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/18/2018		<0.0025				
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025		
4/18/2020					<0.0025	<0.0025
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025		
3/24/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	<0.0025	
3/3/2016	<0.0025	<0.0025			<0.0025
5/2/2016				<0.0025	
5/3/2016			<0.0025		
5/4/2016	<0.0025	<0.0025			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0025			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0025			<0.0025
11/7/2016		<0.0025	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0025			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0025			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0025			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0025			<0.0025
10/17/2018			<0.0025	<0.0025	
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0025			
4/16/2020			<0.0025	<0.0025	
4/18/2020	<0.0025	<0.0025			<0.0025
10/7/2020			<0.0025	<0.0025	
10/8/2020					<0.0025
10/9/2020	<0.0025	<0.0025			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.0025			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	<0.0025	<0.0025			<0.0025
3/22/2022			<0.0025	<0.0025	
3/24/2022	<0.0025	<0.0025			<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025		
3/3/2016					<0.00025	0.0018 (J)
5/2/2016	<0.00025		<0.00025	<0.00025		
5/4/2016		<0.00025			<0.00025	0.0024
7/5/2016	<0.00025		<0.00025	<0.00025		
7/6/2016						0.0005 (J)
7/7/2016					<0.00025	
7/8/2016		<0.00025				
9/6/2016	<0.00025	<0.00025	<0.00025	<0.00025		
9/7/2016					<0.00025	
9/8/2016						<0.00025
11/7/2016	<0.00025		<0.00025	<0.00025		
11/8/2016					<0.00025	<0.00025
11/10/2016		<0.00025				
1/9/2017	<0.00025		<0.00025	<0.00025		
1/10/2017					<0.00025	<0.00025
1/11/2017		<0.00025				
3/13/2017	0.00069 (J)		<0.00025	0.00069 (J)		
3/14/2017		<0.00025				
3/15/2017					<0.00025	
3/16/2017						0.0015
5/15/2017	<0.00025		<0.00025	<0.00025		0.0012 (J)
5/16/2017					<0.00025	
5/18/2017		<0.00025				
3/12/2018	<0.00025		<0.00025	<0.00025		
3/13/2018					<0.00025	0.00082 (J)
3/14/2018		<0.00025				
6/5/2018	<0.00025		<0.00025	<0.00025		
6/6/2018					<0.00025	
6/7/2018						0.0007 (J)
6/10/2018		0.00046 (J)				
10/16/2018	<0.00025		<0.00025	<0.00025		
10/17/2018						<0.00025
10/18/2018		<0.00025			<0.00025	
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025		
2/28/2019					<0.00025	<0.00025
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025		
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)		
4/16/2020	<0.00025	<0.00025	<0.00025	<0.00025		
4/18/2020					<0.00025	<0.00025
10/7/2020	<0.00025	0.00056 (J)	<0.00025	<0.00025		
10/8/2020						0.00069 (J)
10/9/2020					<0.00025	
3/29/2021	<0.00025	0.00078	<0.00025	0.00054		
3/31/2021					<0.00025	
4/1/2021						<0.00025
9/2/2021	0.00059 (J)	<0.00025	<0.00025	<0.00025		
9/7/2021					<0.00025	<0.00025
3/22/2022	<0.00025	<0.00025	<0.00025	0.00027		
3/24/2022					<0.00025	<0.00025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00025	0.00038 (J)	
3/3/2016	0.009 (o)	<0.00025			<0.00025
5/2/2016				0.00073 (J)	
5/3/2016			<0.00025		
5/4/2016	0.019 (o)	<0.00025			<0.00025
7/5/2016			<0.00025	0.00077 (J)	
7/6/2016	0.014 (o)				<0.00025
7/7/2016		<0.00025			
9/6/2016			<0.00025	0.0013	
9/7/2016	0.005	<0.00025			<0.00025
11/7/2016		<0.00025	<0.00025	<0.00025	
11/8/2016	0.0035				<0.00025
1/9/2017			<0.00025	0.00053 (J)	
1/10/2017	0.0051	<0.00025			<0.00025
3/13/2017			<0.00025	<0.00025	
3/15/2017	0.00066 (J)	<0.00025			
3/16/2017					<0.00025
5/15/2017			<0.00025	<0.00025	
5/16/2017	0.00094 (J)	<0.00025			<0.00025
3/12/2018			<0.00025	<0.00025	
3/13/2018	0.00086 (J)	<0.00025			<0.00025
6/6/2018			<0.00025	<0.00025	
6/7/2018	0.00056 (J)	<0.00025			<0.00025
10/17/2018	0.0005 (J)	<0.00025	<0.00025	<0.00025	<0.00025
2/27/2019			<0.00025	<0.00025	<0.00025
2/28/2019	<0.00025	<0.00025			
5/31/2019			<0.00025	<0.00025	
11/6/2019			0.00014 (J)	0.00024 (J)	
4/16/2020			<0.00025	<0.00025	
4/18/2020	0.00053	0.00042			0.00046
10/7/2020			0.00064 (J)	<0.00025	
10/8/2020					0.0011 (J)
10/9/2020	<0.00025	0.00057 (J)			
3/29/2021			<0.00025	0.00042	
4/1/2021	0.00062	0.00048			<0.00025
9/2/2021			<0.00025	<0.00025	
9/7/2021	<0.00025	<0.00025			<0.00025
3/22/2022			<0.00025	<0.00025	
3/24/2022	0.0019	<0.00025			0.0023

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.019	0.0092	0.01	0.012		
3/24/2022					0.012	0.047

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022			0.013	0.018	
3/24/2022	0.036	0.03			0.024

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		
5/4/2016		<0.0025			<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	<0.0025
11/10/2016		<0.0025				
1/9/2017	<0.0025		<0.0025	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025		<0.0025
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	<0.0025
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						<0.0025
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/18/2018		<0.0025				
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025		
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0025		
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0025		
4/18/2020					<0.0025	7.4E-05 (J)
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025		
3/24/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	<0.0025	
3/3/2016	<0.0025	<0.0025			<0.0025
5/2/2016				<0.0025	
5/3/2016			<0.0025		
5/4/2016	<0.0025	<0.0025			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0025			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0025			<0.0025
11/7/2016		<0.0025	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0025			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0025			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0025			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0025			<0.0025
10/17/2018			<0.0025	<0.0025	
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0025			
5/31/2019			<0.0025	<0.0025	
11/6/2019			<0.0025	<0.0025	
4/16/2020			<0.0025	<0.0025	
4/18/2020	<0.0025	<0.0025			<0.0025
10/7/2020			0.0014 (J)	0.0014 (J)	
10/8/2020					<0.0025
10/9/2020	<0.0025	<0.0025			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.0025			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	<0.0025	<0.0025			<0.0025
3/22/2022			<0.0025	<0.0025	
3/24/2022	<0.0025	<0.0025			<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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	<0.05	<0.018	<0.018		
3/3/2016					0.11 (J)	3.2
5/2/2016	<0.018		<0.018	<0.018		
5/4/2016		<0.05			<0.05	4
7/5/2016	<0.018		<0.018	<0.018		
7/6/2016						2.6
7/7/2016					<0.05	
7/8/2016		<0.05				
9/6/2016	<0.018	<0.05	<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		<0.05				
1/9/2017	<0.018		<0.018	<0.018		
1/10/2017					<0.05 (*)	4.2
1/11/2017		<0.05				
3/13/2017	<0.018		<0.018	0.022 (J)		
3/14/2017		<0.05				
3/15/2017					<0.05	
3/16/2017						3.5
5/15/2017	<0.018		<0.018	<0.018		3.2
5/16/2017					<0.05	
5/18/2017		<0.05				
10/2/2017	<0.018		<0.018	0.023 (J)		
10/3/2017					0.03 (J)	2.9
10/5/2017		<0.05				
12/20/2017						2
3/12/2018	<0.018		<0.018	<0.018		
3/13/2018					<0.05	3.4
3/14/2018		<0.05				
6/5/2018	<0.018		<0.018	<0.018		
6/6/2018					0.024 (J)	
6/7/2018						5.6
6/10/2018		<0.05				
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	<0.05	<0.018	<0.018		
2/28/2019					<0.05	3.1
5/31/2019	<0.018	<0.05	<0.018	<0.018	<0.05	2.7
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)		
11/11/2019					0.035 (V)	9.7
4/16/2020	0.02	0.013	0.013	0.017		
4/18/2020					0.027	5.7
10/7/2020	<0.018	<0.05	<0.018	<0.018		
10/8/2020						3.6
10/9/2020					0.025 (J)	
3/29/2021	<0.018	<0.05	<0.018	<0.018		
3/31/2021					0.046	
4/1/2021						3.5
9/2/2021	0.021 (J)	<0.05	0.018 (J)	0.022 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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 (J)	3.1
3/22/2022	0.013	0.012	0.013	0.017		
3/24/2022					0.035	3.2

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.05	<0.05	
3/3/2016	1.6	<0.05			2.6
5/2/2016				<0.05	
5/3/2016			<0.05		
5/4/2016	2.3	<0.05 (*)			5.9
7/5/2016			<0.05	<0.05	
7/6/2016	1.9				4.9
7/7/2016		0.034 (J)			
9/6/2016			<0.05	<0.05	
9/7/2016	0.95	<0.05			6.4
11/7/2016		0.045 (J)	<0.05	<0.05	
11/8/2016	1.8				6
1/9/2017			<0.05	<0.05	
1/10/2017	1.9	<0.05 (*)			5.4
3/13/2017			<0.05	<0.05	
3/15/2017	0.38	<0.05			
3/16/2017					4.5
5/15/2017			<0.05	<0.05	
5/16/2017	2	0.043 (J)			3.9
10/2/2017			<0.05	<0.05	
10/3/2017	0.67	0.026 (J)			0.93
12/20/2017	3				3
3/12/2018			<0.05	<0.05	
3/13/2018	2.9	0.07			3.6
6/6/2018			<0.05	<0.05	
6/7/2018	2.9	0.1			3.4
10/17/2018	1.6	0.074	<0.05	<0.05	2.8
2/27/2019			<0.05	<0.05	2.8
2/28/2019	2.5	0.027 (J)			
5/31/2019	3.1	<0.05	<0.05	<0.05	4.4
11/6/2019			0.011 (V)	0.0099 (J)	
11/11/2019	10	0.036 (V)			16
4/16/2020			0.0075 (J)	0.0055 (J)	
4/18/2020	2.8	0.016			3
10/7/2020			<0.05	<0.05	
10/8/2020					2.4
10/9/2020	0.68	0.018 (J)			
3/29/2021			<0.05	<0.05	
4/1/2021	3.2	0.035			5.1
9/2/2021			<0.05	<0.05	
9/7/2021	1.4	<0.05			1.7
3/22/2022			0.009 (J)	0.0063 (J)	
3/24/2022	3.4	0.028			3.2

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		
5/4/2016		<0.0025			<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025		
7/6/2016						0.00036 (J)
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						0.00045 (J)
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	0.00065 (J)
11/10/2016		<0.0025				
1/9/2017	<0.0025		<0.0025	<0.0025		
1/10/2017					<0.0025	0.00051 (J)
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						0.00049 (J)
5/15/2017	<0.0025		<0.0025	<0.0025		0.00045 (J)
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	0.00041 (J)
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						0.00066 (J)
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/17/2018						0.00072 (J)
10/18/2018		<0.0025			<0.0025	
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	0.00039 (J)
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00034 (J)
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025		
11/11/2019					<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025		
4/18/2020					7.5E-05 (J)	0.00024 (J)
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025		
3/24/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	<0.0025	
3/3/2016	<0.0025	<0.0025			<0.0025
5/2/2016				<0.0025	
5/3/2016			<0.0025		
5/4/2016	<0.0025	<0.0025			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0025			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0025			<0.0025
11/7/2016		<0.0025	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0025			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0025			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0025			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0025			<0.0025
10/17/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0025			
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/6/2019			<0.0025	<0.0025	
11/11/2019	0.001 (J)	<0.0025			<0.0025
4/16/2020			<0.0025	<0.0025	
4/18/2020	0.00073	7.6E-05 (J)			8.9E-05 (J)
10/7/2020			<0.0025	<0.0025	
10/8/2020					<0.0025
10/9/2020	<0.0025	<0.0025			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.0025			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	0.0042	<0.0025			<0.0025
3/22/2022			<0.0025	<0.0025	
3/24/2022	<0.0025	<0.0025			<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.9	0.38	0.33	1.6		
3/24/2022					0.59	75

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022			0.81	0.7	
3/24/2022	200	3.9			68

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	5.9	4.9	4.7	8.8		
3/24/2022					9.2	36

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022			5.6	4.8	
3/24/2022	140	9.2			64

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	0.0029		0.0019 (J)	0.0034		
5/4/2016		<0.0025			0.0037	<0.0025
7/5/2016	<0.0025		0.0051	0.0059		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	<0.0025
11/10/2016		<0.0025				
1/9/2017	<0.0025		0.017 (o)	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025		<0.0025
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	<0.0025
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						<0.0025
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/18/2018		<0.0025				
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025		
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025		
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025		
4/18/2020					<0.0025	<0.0025
10/7/2020	<0.0025	0.0046	0.001 (J)	0.0015 (J)		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	0.0024	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						0.0014
9/2/2021	0.0014 (J)	<0.0025	<0.0025	<0.0025		
9/7/2021					0.0012 (J)	0.0012 (J)
3/22/2022	0.0046	0.0051	0.00032 (J)	0.00027 (J)		
3/24/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	0.00056 (J)	
3/3/2016	<0.0025	<0.0025			<0.0025
5/2/2016				0.0021 (J)	
5/3/2016			0.0012 (J)		
5/4/2016	0.0012 (J)	0.0025			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0025			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0025			<0.0025
11/7/2016		<0.0025	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0025			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0025			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0025			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0025			<0.0025
10/17/2018			<0.0025	<0.0025	
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0025			
5/31/2019			<0.0025	<0.0025	
11/6/2019			<0.0025	<0.0025	
4/16/2020			<0.0025	<0.0025	
4/18/2020	<0.0025	<0.0025			0.00082
10/7/2020			0.0033	0.0017 (J)	
10/8/2020					<0.0025
10/9/2020	0.0016 (J)	0.0016 (J)			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.0025			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	0.0025	0.0012 (J)			0.0022 (J)
3/22/2022			0.0088	0.0022	
3/24/2022	0.0021 (J)	0.002			<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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)	<0.0025	0.00064 (J)	0.00023 (J)		
3/3/2016					<0.0025	<0.0025
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		
5/4/2016		<0.0025			0.00093 (J)	0.0007 (J)
7/5/2016	0.00049 (J)		0.0027	0.0032		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0025		
11/8/2016					<0.0025	0.00051 (J)
11/10/2016		<0.0025				
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						0.0004 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0025		0.00079 (J)
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0025		
3/13/2018					<0.0025	0.00056 (J)
3/14/2018		<0.0025				
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0025		
6/6/2018					<0.0025	
6/7/2018						0.0007 (J)
6/10/2018		<0.0025				
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0025		
10/17/2018						<0.0025
10/18/2018		<0.0025			<0.0025	
2/27/2019	0.00065 (J)	<0.0025	0.00056 (J)	<0.0025		
2/28/2019					<0.0025	0.00059 (J)
5/31/2019	0.00046 (J)	<0.0025	<0.0025	<0.0025	<0.0025	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)	<0.0025	<0.0025	<0.0025		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	0.00059	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	0.00069 (J)	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	0.0014	0.0012	0.00038 (J)	0.0002 (J)		
3/24/2022					0.00024 (J)	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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			<0.0025	0.00055 (J)	
7/6/2016	0.15				<0.0025
7/7/2016		0.00044 (J)			
9/6/2016			0.00094 (J)	0.00057 (J)	
9/7/2016	0.019	0.00052 (J)			<0.0025
11/7/2016		0.00046 (J)	0.00041 (J)	0.00047 (J)	
11/8/2016	0.099				<0.0025
1/9/2017			0.00074 (J)	0.00054 (J)	
1/10/2017	0.077	0.00042 (J)			<0.0025
3/13/2017			0.00091 (J)	0.0004 (J)	
3/15/2017	0.0042	0.00044 (J)			
3/16/2017					<0.0025
5/15/2017			0.00075 (J)	0.00046 (J)	
5/16/2017	0.0067	<0.0025			<0.0025
3/12/2018			0.00044 (J)	<0.0025	
3/13/2018	0.015	<0.0025			<0.0025
6/6/2018			0.0004 (J)	0.00048 (J)	
6/7/2018	0.014	<0.0025			<0.0025
10/17/2018	0.012	<0.0025	<0.0025	0.00043 (J)	<0.0025
2/27/2019			<0.0025	0.00045 (J)	<0.0025
2/28/2019	0.02	0.00042 (J)			
5/31/2019	0.026	0.00046 (J)	<0.0025	<0.0025	<0.0025
11/6/2019			0.00029 (J)	0.00094 (J)	
11/11/2019	0.023	0.00063 (J)			<0.0025
4/16/2020			0.00029 (J)	0.00053	
4/18/2020	0.015	0.00045 (J)			<0.0025
10/7/2020			<0.0025	<0.0025	
10/8/2020					<0.0025
10/9/2020	0.0019 (J)	<0.0025			
3/29/2021			<0.0025	0.00062	
4/1/2021	0.0079	<0.0025			<0.0025
9/2/2021			<0.0025	0.00069 (J)	
9/7/2021	0.3	<0.0025			<0.0025
3/22/2022			0.0014	0.0016	
3/24/2022	0.01	0.0016			<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	1.75	1.1	1.78	3.12		
3/24/2022					5.39	5.28

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022			1.33	1.32	
3/24/2022	6.01	3			3.16

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	4.9	5.02	4.91	4.89		
3/24/2022					4.68	6.9

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022			5.1	5.18	
3/24/2022	5.83	4.84			6.68

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.1	<0.1	<0.1	<0.1		
3/3/2016					0.041 (J)	0.15
5/2/2016	<0.1		<0.1	<0.1		
5/4/2016		<0.1			<0.1	0.11
7/5/2016	<0.1		<0.1	<0.1		
7/6/2016						0.13
7/7/2016					<0.1	
7/8/2016		<0.1				
9/6/2016	<0.1	<0.1	<0.1	<0.1		
9/7/2016					<0.1	
9/8/2016						0.12
11/7/2016	<0.1		<0.1	<0.1		
11/8/2016					<0.1	0.13
11/10/2016		<0.1				
1/9/2017	<0.1		<0.1	<0.1		
1/10/2017					<0.1	0.15
1/11/2017		<0.1				
3/13/2017	<0.1		<0.1	<0.1		
3/14/2017		<0.1				
3/15/2017					<0.1	
3/16/2017						0.16
5/15/2017	<0.1		<0.1	<0.1		0.2
5/16/2017					<0.1	
5/18/2017		<0.1				
10/2/2017	<0.1		<0.1	<0.1		
10/3/2017					<0.1	0.25
10/5/2017		<0.1				
12/20/2017						0.25
3/12/2018	<0.1		<0.1	<0.1		
3/13/2018					<0.1	0.26
3/14/2018		0.12				
6/5/2018	<0.1		<0.1	<0.1		
6/6/2018					<0.1	
6/7/2018						0.28
6/10/2018		<0.1				
10/16/2018	<0.1		<0.1	<0.1		
10/17/2018						0.29
10/18/2018		<0.1			<0.1	
2/27/2019	<0.1	<0.1	<0.1	<0.1		
2/28/2019					<0.1	0.28
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	0.33
11/6/2019	<0.1	<0.1	<0.1	<0.1		
11/11/2019					<0.1	0.26
4/16/2020	<0.1	<0.1	<0.1	<0.1		
4/18/2020					<0.1	0.25
10/7/2020	<0.1	<0.1	<0.1	<0.1		
10/8/2020						<0.1
10/9/2020					<0.1	
3/29/2021	0.06	<0.1	<0.1	<0.1		
3/31/2021					<0.1	
4/1/2021						0.26
9/2/2021	0.08 (J)	0.04 (J)	0.1	<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					<0.1	0.24
3/22/2022	<0.1	<0.1	<0.1	<0.1		
3/24/2022					<0.1	0.22

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.1	0.033 (J)	
3/3/2016	0.12	0.035 (J)			0.11
5/2/2016				<0.1	
5/3/2016			<0.1		
5/4/2016	0.19	<0.1			0.07 (J)
7/5/2016			<0.1	<0.1	
7/6/2016	0.15				0.07 (J)
7/7/2016		<0.1			
9/6/2016			<0.1	<0.1	
9/7/2016	0.06 (J)	<0.1			0.06 (J)
11/7/2016		<0.1	<0.1	<0.1	
11/8/2016	0.09 (J)				0.06 (J)
1/9/2017			<0.1	<0.1	
1/10/2017	<0.1	<0.1			0.04 (J)
3/13/2017			<0.1	<0.1	
3/15/2017	<0.1	<0.1			
3/16/2017					0.06 (J)
5/15/2017			<0.1	<0.1	
5/16/2017	0.04 (J)	<0.1			0.09 (J)
10/2/2017			<0.1	<0.1	
10/3/2017	0.07 (J)	<0.1			0.13
12/20/2017					0.1
3/12/2018			<0.1	<0.1	
3/13/2018	<0.1	<0.1			0.1
6/6/2018			<0.1	<0.1	
6/7/2018	<0.1	<0.1			0.14
10/17/2018	0.06 (J)	<0.1	<0.1	<0.1	0.14
2/27/2019			<0.1	<0.1	0.16
2/28/2019	<0.1	<0.1			
5/31/2019	<0.1	<0.1	<0.1	<0.1	0.2
11/6/2019			<0.1	<0.1	
11/11/2019	<0.1	<0.1			0.16
4/16/2020			<0.1	<0.1	
4/18/2020	<0.1	<0.1			0.17
10/7/2020			<0.1	<0.1	
10/8/2020					0.07 (J)
10/9/2020	0.04 (J)	<0.1			
3/29/2021			<0.1	<0.1	
4/1/2021	0.04	0.032			0.19
9/2/2021			<0.1	0.04 (J)	
9/7/2021	0.7	<0.1			0.17
3/22/2022			<0.1	<0.1	
3/24/2022	<0.1	<0.1			0.14

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013		
3/3/2016					<0.0013	<0.0013
5/2/2016	<0.0013		<0.0013	<0.0013		
5/4/2016		<0.0013			<0.0013	<0.0013
7/5/2016	<0.0013		<0.0013	<0.0013		
7/6/2016						<0.0013
7/7/2016					<0.0013	
7/8/2016		<0.0013				
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013		
9/7/2016					<0.0013	
9/8/2016						<0.0013
11/7/2016	<0.0013		<0.0013	<0.0013		
11/8/2016					<0.0013	<0.0013
11/10/2016		<0.0013				
1/9/2017	<0.0013		<0.0013	<0.0013		
1/10/2017					<0.0013	<0.0013
1/11/2017		<0.0013				
3/13/2017	<0.0013		<0.0013	<0.0013		
3/14/2017		<0.0013				
3/15/2017					<0.0013	
3/16/2017						<0.0013
5/15/2017	<0.0013		<0.0013	<0.0013		<0.0013
5/16/2017					<0.0013	
5/18/2017		<0.0013				
3/12/2018	<0.0013		<0.0013	<0.0013		
3/13/2018					<0.0013	<0.0013
3/14/2018		<0.0013				
6/5/2018	<0.0013		<0.0013	<0.0013		
6/6/2018					<0.0013	
6/7/2018						<0.0013
6/10/2018		<0.0013				
10/16/2018	<0.0013		<0.0013	<0.0013		
10/18/2018		<0.0013				
2/27/2019	<0.0013	<0.0013	0.001 (J)	<0.0013		
2/28/2019					<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013		
11/6/2019	0.0001 (J)	<0.0013	6.6E-05 (J)	8.4E-05 (J)		
4/16/2020	6.6E-05 (J)	<0.0013	<0.0013	<0.0013		
4/18/2020					8.3E-05 (J)	0.00011 (J)
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013		
10/8/2020						<0.0013
10/9/2020					<0.0013	
3/29/2021	<0.0013	<0.0013	<0.0013	<0.0013		
3/31/2021					0.00039	
4/1/2021						<0.0013
9/2/2021	<0.0013	<0.0013	<0.0013	<0.0013		
9/7/2021					<0.0013	<0.0013
3/22/2022	<0.0013	<0.0013	<0.0013	<0.0013		
3/24/2022					<0.0013	<0.0013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0013	<0.0013	
3/3/2016	<0.0013	<0.0013			<0.0013
5/2/2016				<0.0013	
5/3/2016			<0.0013		
5/4/2016	0.00086 (J)	<0.0013			<0.0013
7/5/2016			<0.0013	<0.0013	
7/6/2016	0.0014				<0.0013
7/7/2016		<0.0013			
9/6/2016			<0.0013	<0.0013	
9/7/2016	0.00056 (J)	<0.0013			<0.0013
11/7/2016		<0.0013	<0.0013	<0.0013	
11/8/2016	0.00047 (J)				<0.0013
1/9/2017			<0.0013	<0.0013	
1/10/2017	0.00041 (J)	<0.0013			<0.0013
3/13/2017			<0.0013	<0.0013	
3/15/2017	<0.0013	<0.0013			
3/16/2017					<0.0013
5/15/2017			<0.0013	<0.0013	
5/16/2017	<0.0013	<0.0013			<0.0013
3/12/2018			<0.0013	<0.0013	
3/13/2018	<0.0013	<0.0013			<0.0013
6/6/2018			<0.0013	<0.0013	
6/7/2018	<0.0013	<0.0013			<0.0013
10/17/2018			<0.0013	<0.0013	
2/27/2019			<0.0013	<0.0013	<0.0013
2/28/2019	<0.0013	<0.0013			
5/31/2019			<0.0013	<0.0013	
11/6/2019			<0.0013	0.0002 (J)	
4/16/2020			<0.0013	0.00016 (J)	
4/18/2020	0.00022 (J)	<0.0013			<0.0013
10/7/2020			<0.0013	<0.0013	
10/8/2020					<0.0013
10/9/2020	0.00048 (J)	<0.0013			
3/29/2021			<0.0013	<0.0013	
4/1/2021	<0.0013	<0.0013			<0.0013
9/2/2021			<0.0013	<0.0013	
9/7/2021	<0.0013	<0.0013			<0.0013
3/22/2022			<0.0013	<0.0013	
3/24/2022	<0.0013	<0.0013			<0.0013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.005	<0.005	<0.005	<0.005		
3/3/2016					<0.005	0.037
5/2/2016	<0.005		<0.005	<0.005		
5/4/2016		<0.005			<0.005	0.029
7/5/2016	<0.005		<0.005	<0.005		
7/6/2016						0.024
7/7/2016					<0.005	
7/8/2016		<0.005				
9/6/2016	<0.005	0.0037 (J)	<0.005	<0.005		
9/7/2016					<0.005	
9/8/2016						0.022
11/7/2016	<0.005		<0.005	<0.005		
11/8/2016					<0.005	0.026
11/10/2016		<0.005				
1/9/2017	<0.005		<0.005	<0.005		
1/10/2017					<0.005	0.024
1/11/2017		<0.005				
3/13/2017	<0.005		<0.005	<0.005		
3/14/2017		<0.005				
3/15/2017					<0.005	
3/16/2017						0.029
5/15/2017	<0.005		<0.005	<0.005		0.025
5/16/2017					<0.005	
5/18/2017		<0.005				
3/12/2018	0.0011 (J)		0.0014 (J)	<0.005		
3/13/2018					<0.005	0.03
3/14/2018		<0.005				
6/5/2018	<0.005		0.0012 (J)	<0.005		
6/6/2018					<0.005	
6/7/2018						0.025
6/10/2018		<0.005				
10/16/2018	<0.005		0.0015 (J)	0.0013 (J)		
10/17/2018						0.024
10/18/2018		0.0013 (J)			<0.005	
2/27/2019	<0.005	<0.005	<0.005	<0.005		
2/28/2019					<0.005	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	<0.005		
11/11/2019					0.00062 (J)	0.023
4/16/2020	0.0006 (J)	<0.005	0.00063 (J)	<0.005		
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					<0.005	
3/29/2021	<0.005	0.0019	<0.005	<0.005		
3/31/2021					0.0036	
4/1/2021						0.022
9/2/2021	<0.005	<0.005	<0.005	<0.005		
9/7/2021					<0.005	0.023
3/22/2022	0.0013	0.0014	<0.005	<0.005		
3/24/2022					<0.005	0.021

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.005	0.0037	
3/3/2016	<0.005	<0.005			<0.005
5/2/2016				<0.005	
5/3/2016			<0.005		
5/4/2016	<0.005	<0.005			<0.005
7/5/2016			<0.005	<0.005	
7/6/2016	0.0044 (J)				<0.005
7/7/2016		<0.005			
9/6/2016			<0.005	<0.005	
9/7/2016	<0.005	<0.005			<0.005
11/7/2016		<0.005	<0.005	0.0097 (o)	
11/8/2016	<0.005				<0.005
1/9/2017			<0.005	<0.005	
1/10/2017	<0.005	<0.005			<0.005
3/13/2017			<0.005	<0.005	
3/15/2017	<0.005	<0.005			
3/16/2017					<0.005
5/15/2017			<0.005	<0.005	
5/16/2017	<0.005	<0.005			<0.005
3/12/2018			<0.005	<0.005	
3/13/2018	<0.005	<0.005			<0.005
6/6/2018			<0.005	0.0021 (J)	
6/7/2018	0.0012 (J)	0.0014 (J)			0.0011 (J)
10/17/2018	<0.005	<0.005	<0.005	0.0012 (J)	<0.005
2/27/2019			<0.005	0.002 (J)	0.0011 (J)
2/28/2019	<0.005	<0.005			
5/31/2019	0.0023 (J)	<0.005	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			<0.005	0.00091 (J)	
4/18/2020	0.0012	0.00047 (J)			<0.005
10/7/2020			0.005	0.0049 (J)	
10/8/2020					<0.005
10/9/2020	<0.005	<0.005			
3/29/2021			<0.005	0.0042	
4/1/2021	0.0027	0.0025			<0.005
9/2/2021			<0.005	<0.005	
9/7/2021	0.0096	<0.005			<0.005
3/22/2022			0.0012	<0.005	
3/24/2022	<0.005	<0.005			<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002		
3/3/2016					<0.0002	<0.0002
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002		
5/4/2016		<0.0002			<0.0002	<0.0002
7/5/2016	<0.0002		<0.0002	<0.0002		
7/6/2016						<0.0002
7/7/2016					<0.0002	
7/8/2016		<0.0002 (*)				
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002		
9/7/2016					<0.0002	
9/8/2016						<0.0002
11/7/2016	<0.0002		<0.0002	<0.0002		
11/8/2016					<0.0002	<0.0002
11/10/2016		<0.0002				
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)		
1/10/2017					<0.0002	<0.0002
1/11/2017		<0.0002				
3/13/2017	<0.0002		<0.0002	<0.0002		
3/14/2017		<0.0002 (*)				
3/15/2017					<0.0002	
3/16/2017						<0.0002
5/15/2017	<0.0002		<0.0002	<0.0002		<0.0002
5/16/2017					<0.0002	
5/18/2017		<0.0002				
3/12/2018	<0.0002		<0.0002	<0.0002		
3/13/2018					<0.0002	<0.0002
3/14/2018		9.3E-05 (J)				
6/5/2018	<0.0002		<0.0002	<0.0002		
6/6/2018					<0.0002	
6/7/2018						<0.0002
6/10/2018		<0.0002				
10/16/2018	<0.0002		<0.0002	<0.0002		
10/17/2018						<0.0002
10/18/2018		<0.0002			<0.0002	
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002		
2/28/2019					<0.0002	<0.0002
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002		
11/11/2019					<0.0002	<0.0002
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002		
4/18/2020					<0.0002	<0.0002
10/7/2020	<0.0002	<0.0002	0.00025	0.00013 (J)		
10/8/2020						<0.0002
10/9/2020					<0.0002	
3/29/2021	<0.0002	<0.0002	<0.0002	<0.0002		
3/31/2021					0.00019	
4/1/2021						<0.0002
9/2/2021	<0.0002	<0.0002	<0.0002	<0.0002		
9/7/2021					<0.0002	<0.0002
3/22/2022	<0.0002	<0.0002	<0.0002	<0.0002		
3/24/2022					<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0002	<0.0002	
3/3/2016	8.6E-05 (J)	<0.0002			<0.0002
5/2/2016				<0.0002	
5/3/2016			<0.0002		
5/4/2016	0.00026	<0.0002			<0.0002
7/5/2016			<0.0002	<0.0002	
7/6/2016	0.0012				<0.0002 (*)
7/7/2016		<0.0002			
9/6/2016			<0.0002 (*)	<0.0002 (*)	
9/7/2016	<0.0002	<0.0002			<0.0002
11/7/2016		<0.0002	<0.0002	<0.0002	
11/8/2016	0.00065				<0.0002
1/9/2017			<0.0002 (*)	<0.0002 (*)	
1/10/2017	<0.0002	<0.0002			<0.0002
3/13/2017			<0.0002	<0.0002	
3/15/2017	<0.0002	<0.0002			
3/16/2017					<0.0002
5/15/2017			<0.0002	<0.0002	
5/16/2017	0.00042	<0.0002			<0.0002
3/12/2018			<0.0002	<0.0002	
3/13/2018	0.00039	<0.0002			<0.0002
6/6/2018			<0.0002	<0.0002	
6/7/2018	0.00033	<0.0002			<0.0002
10/17/2018	0.00041	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2019			<0.0002	<0.0002	<0.0002
2/28/2019	0.00055	<0.0002			
5/31/2019	0.00054	<0.0002	<0.0002	<0.0002	<0.0002
11/6/2019			<0.0002	<0.0002	
11/11/2019	0.0011	<0.0002			<0.0002
4/16/2020			<0.0002	<0.0002	
4/18/2020	0.00082	<0.0002			<0.0002
10/7/2020			8E-05 (J)	<0.0002	
10/8/2020					8.7E-05 (J)
10/9/2020	0.00033	0.00014 (J)			
3/29/2021			<0.0002	<0.0002	
4/1/2021	0.00012	<0.0002			0.00042
9/2/2021			<0.0002	<0.0002	
9/7/2021	<0.0002	<0.0002			<0.0002
3/22/2022			<0.0002	<0.0002	
3/24/2022	<0.0002	0.0018			<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.015	<0.015	<0.015	<0.015		
3/3/2016					<0.015	0.99
5/2/2016	<0.015		<0.015	<0.015		
5/4/2016		<0.015			<0.015	0.99
7/5/2016	<0.015		<0.015	<0.015		
7/6/2016						1.9
7/7/2016					<0.015	
7/8/2016		<0.015				
9/6/2016	<0.015	<0.015	<0.015	<0.015		
9/7/2016					<0.015	
9/8/2016						2.4
11/7/2016	<0.015		<0.015	<0.015		
11/8/2016					<0.015	2.2
11/10/2016		<0.015				
1/9/2017	<0.015		<0.015	<0.015		
1/10/2017					<0.015	2.1
1/11/2017		<0.015				
3/13/2017	0.0042 (J)		<0.015	0.0022 (J)		
3/14/2017		<0.015				
3/15/2017					<0.015	
3/16/2017						1.6
5/15/2017	<0.015		<0.015	<0.015		1.2
5/16/2017					<0.015	
5/18/2017		<0.015				
3/12/2018	<0.015		<0.015	<0.015		
3/13/2018					<0.015	1
3/14/2018		<0.015				
6/5/2018	<0.015		0.00088 (J)	<0.015		
6/6/2018					<0.015	
6/7/2018						1.1
6/10/2018		<0.015				
10/16/2018	<0.015		<0.015	<0.015		
10/17/2018						1.1
10/18/2018		<0.015			<0.015	
2/27/2019	<0.015	<0.015	<0.015	<0.015		
2/28/2019					<0.015	0.77
5/31/2019	<0.015	<0.015	<0.015	<0.015	<0.015	0.64
11/6/2019	<0.015	<0.015	<0.015	<0.015		
11/11/2019					<0.015	0.85
4/16/2020	<0.015	<0.015	<0.015	<0.015		
4/18/2020					<0.015	0.81
10/7/2020	<0.015	<0.015	<0.015	<0.015		
10/8/2020						0.5
10/9/2020					<0.015	
3/29/2021	<0.015	<0.015	<0.015	<0.015		
3/31/2021					<0.015	
4/1/2021						0.49
9/2/2021	<0.015	<0.015	<0.015	<0.015		
9/7/2021					<0.015	0.44
3/22/2022	0.00066 (J)	0.00064 (J)	<0.015	<0.015		
3/24/2022					<0.015	0.53

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.015	<0.015	
3/3/2016	<0.015	<0.015			<0.015
5/2/2016				<0.015	
5/3/2016			<0.015		
5/4/2016	<0.015	<0.015			<0.015
7/5/2016			<0.015	<0.015	
7/6/2016	0.0018 (J)				<0.015
7/7/2016		<0.015			
9/6/2016			<0.015	<0.015	
9/7/2016	0.0029 (J)	<0.015			<0.015
11/7/2016		<0.015	<0.015	<0.015	
11/8/2016	<0.015				<0.015
1/9/2017			<0.015	<0.015	
1/10/2017	<0.015 (*)	<0.015			<0.015
3/13/2017			<0.015	<0.015	
3/15/2017	<0.015	<0.015			
3/16/2017					<0.015
5/15/2017			<0.015	<0.015	
5/16/2017	<0.015 (*)	<0.015 (*)			<0.015
3/12/2018			<0.015	<0.015	
3/13/2018	0.0033 (J)	<0.015			<0.015
6/6/2018			<0.015	<0.015	
6/7/2018	0.0065 (J)	0.0016 (J)			0.00098 (J)
10/17/2018	0.0043 (J)	<0.015	<0.015	<0.015	<0.015
2/27/2019			<0.015	<0.015	<0.015
2/28/2019	0.0028 (J)	<0.015			
5/31/2019	<0.015	<0.015	<0.015	<0.015	<0.015
11/6/2019			<0.015	<0.015	
11/11/2019	0.0056 (J)	<0.015			<0.015
4/16/2020			<0.015	<0.015	
4/18/2020	<0.015	<0.015			<0.015
10/7/2020			<0.015	<0.015	
10/8/2020					<0.015
10/9/2020	<0.015	<0.015			
3/29/2021			<0.015	<0.015	
4/1/2021	<0.015	<0.015			<0.015
9/2/2021			<0.015	<0.015	
9/7/2021	<0.015	<0.015			<0.015
3/22/2022			0.0011 (J)	0.00031 (J)	
3/24/2022	<0.015	0.00033 (J)			0.002 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.00025	<0.00025	<0.00025	<0.00025		
3/3/2016					<0.00025	0.008
5/2/2016	<0.00025		<0.00025	0.00025 (J)		
5/4/2016		<0.00025			<0.00025	0.0068
7/5/2016	<0.00025		<0.00025	<0.00025		
7/6/2016						0.0061
7/7/2016					<0.00025	
7/8/2016		<0.00025				
9/6/2016	0.00049 (J)	<0.00025	<0.00025	0.00027 (J)		
9/7/2016					<0.00025	
9/8/2016						0.0065
11/7/2016	<0.00025		<0.00025	<0.00025		
11/8/2016					<0.00025	0.0046
11/10/2016		<0.00025				
1/9/2017	<0.00025		<0.00025	<0.00025		
1/10/2017					<0.00025	0.0045
1/11/2017		0.00049 (J)				
3/13/2017	0.0023		<0.00025	0.0025		
3/14/2017		<0.00025				
3/15/2017					<0.00025	
3/16/2017						0.0079
5/15/2017	<0.00025		<0.00025	<0.00025		0.0064
5/16/2017					<0.00025	
5/18/2017		<0.00025				
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)		
3/13/2018					<0.00025	0.0037
3/14/2018		0.00067 (J)				
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)		
6/6/2018					<0.00025	
6/7/2018						0.0054
6/10/2018		0.00028 (J)				
10/16/2018	<0.00025		<0.00025	<0.00025		
10/17/2018						0.0026
10/18/2018		<0.00025			<0.00025	
2/27/2019	<0.00025	<0.00025	<0.00025	<0.00025		
2/28/2019					<0.00025	0.002
5/31/2019	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	0.0041
11/6/2019	<0.00025	<0.00025	<0.00025	0.00034		
11/11/2019					<0.00025	0.0031
4/16/2020	<0.00025	<0.00025	<0.00025	0.0004		
4/18/2020					<0.00025	0.0035
10/7/2020	<0.00025	<0.00025	<0.00025	<0.00025		
10/8/2020						0.0014
10/9/2020					<0.00025	
3/29/2021	<0.00025	<0.00025	<0.00025	<0.00025		
3/31/2021					<0.00025	
4/1/2021						0.004
9/2/2021	<0.00025	<0.00025	<0.00025	<0.00025		
9/7/2021					<0.00025	0.0046
3/22/2022	<0.00025	<0.00025	<0.00025	0.00051		
3/24/2022					<0.00025	0.0042

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.00025	<0.00025	
3/3/2016	0.0041 (J)	<0.00025			0.0051 (J)
5/2/2016				<0.00025	
5/3/2016			<0.00025		
5/4/2016	0.008	<0.00025			0.0049
7/5/2016			<0.00025	<0.00025	
7/6/2016	0.0056				0.0066
7/7/2016		<0.00025			
9/6/2016			<0.00025	<0.00025	
9/7/2016	0.0045	<0.00025			0.0073
11/7/2016		<0.00025	<0.00025	<0.00025	
11/8/2016	0.0055				0.0058
1/9/2017			<0.00025	<0.00025	
1/10/2017	0.0056	<0.00025			0.0058
3/13/2017			<0.00025	<0.00025	
3/15/2017	0.0088	<0.00025			
3/16/2017					0.006
5/15/2017			<0.00025	<0.00025	
5/16/2017	0.0029	<0.00025			0.0058
3/12/2018			0.00026 (J)	<0.00025	
3/13/2018	0.0065	<0.00025			0.0048
6/6/2018			0.00025 (J)	0.00026 (J)	
6/7/2018	0.0047	<0.00025			0.0061
10/17/2018	0.05 (o)	<0.00025	<0.00025	<0.00025	0.0023
2/27/2019			<0.00025	<0.00025	0.0033
2/28/2019	0.0011 (J)	<0.00025			
5/31/2019	0.0045	<0.00025	<0.00025	<0.00025	0.0031
11/6/2019			<0.00025	<0.00025	
11/11/2019	0.0067	0.00027			0.002
4/16/2020			<0.00025	<0.00025	
4/18/2020	0.0066	<0.00025			0.0021
10/7/2020			<0.00025	<0.00025	
10/8/2020					0.0047
10/9/2020	0.0057	<0.00025			
3/29/2021			<0.00025	<0.00025	
4/1/2021	0.0038	<0.00025			0.0027
9/2/2021			<0.00025	<0.00025	
9/7/2021	0.0069	<0.00025			0.0045
3/22/2022			<0.00025	<0.00025	
3/24/2022	0.0025	0.00077			0.0028

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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	<5	<5	1.6 (J)		
3/3/2016					<5	180
5/2/2016	15 (o)		<5	2.1 (J)		
5/4/2016		<5			<5	200
7/5/2016	<5		<5	2 (J)		
7/6/2016						150
7/7/2016					<5	
7/8/2016		<5				
9/6/2016	<5	<5	<5	1.8 (J)		
9/7/2016					<5	
9/8/2016						160
11/7/2016	<5		<5	1.7 (J)		
11/8/2016					<5	230
11/10/2016		<5				
1/9/2017	<5		2.6 (J)	1.5 (J)		
1/10/2017					<5	190
1/11/2017		<5				
3/13/2017	2.5 (J)		<5	2.2 (J)		
3/14/2017		<5				
3/15/2017					<5 (*)	
3/16/2017						190
5/15/2017	<5		<5	1.9 (J)		190
5/16/2017					<5	
5/18/2017		<5 (X)				
10/2/2017	<5		<5	3.4 (J)		
10/3/2017					<5	130
10/5/2017		<5				
12/20/2017						85
3/12/2018	<5		<5	2.6 (J)		
3/13/2018					<5	160
3/14/2018		<5				
6/5/2018	<5		<5	2.6 (J)		
6/6/2018					<5	
6/7/2018						280
6/10/2018		1.5 (J)				
10/16/2018	<5		<5	2.8 (J)		
10/17/2018						250
10/18/2018		<5			<5	
2/27/2019	<5	1.9 (J)	<5	2.4 (J)		
2/28/2019					<5	140
5/31/2019	<5	<5	<5	3.3 (J)	<5	140
11/6/2019	<5	<5	<5	3.7 (J)		
11/11/2019					<5	230
4/16/2020	<5	<5	<5	1.7 (J)		
4/18/2020					<5	260
10/7/2020	<5	<5	<5	4 (J)		
10/8/2020						160
10/9/2020					<5	
3/29/2021	<5	<5	<5	2.3		
3/31/2021					18	
4/1/2021						320
9/2/2021	<5	<5	<5	4.7 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					<5	120
3/22/2022	<5	<5	<5	4.5 (J)		
3/24/2022					<5	180

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<5	<5	
3/3/2016	550	<5			230
5/2/2016				<5	
5/3/2016			<5		
5/4/2016	520	<5			280
7/5/2016			<5	<5	
7/6/2016	510				270
7/7/2016		<5			
9/6/2016			<5	3.7 (J)	
9/7/2016	340	<5			280
11/7/2016		<5	<5	<5	
11/8/2016	630				280
1/9/2017			<5	<5	
1/10/2017	580	<5			240
3/13/2017			<5	<5	
3/15/2017	250	<5 (*)			
3/16/2017					220
5/15/2017			<5	<5	
5/16/2017	410	<5			200
10/2/2017			1.5 (J)	1.7 (J)	
10/3/2017	440	<5			180
12/20/2017	400				170
3/12/2018			<5	<5	
3/13/2018	460	1.5 (J)			210
6/6/2018			<5	<5	
6/7/2018	420	<5			210
10/17/2018	320	<5	<5	<5	140
2/27/2019			<5	<5	150
2/28/2019	490	2.6 (J)			
5/31/2019	500	12	<5	<5	210
11/6/2019			<5	<5	
11/11/2019	340	5.5			170
4/16/2020			<5	<5	
4/18/2020	600	<5			120
10/7/2020			<5	<5	
10/8/2020					170
10/9/2020	300	<5			
3/29/2021			<5	<5	
4/1/2021	750	1.9			190
9/2/2021			<5	<5	
9/7/2021	530	<5			140
3/22/2022			<5	<5	
3/24/2022	680	18			1700

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005		
3/3/2016					<0.0005	0.00023 (J)
5/2/2016	<0.0005		<0.0005	<0.0005		
5/4/2016		<0.0005			<0.0005	0.00021 (J)
7/5/2016	<0.0005		<0.0005	<0.0005		
7/6/2016						0.00016 (J)
7/7/2016					<0.0005	
7/8/2016		<0.0005				
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005		
9/7/2016					<0.0005	
9/8/2016						0.00015 (J)
11/7/2016	<0.0005		<0.0005	<0.0005		
11/8/2016					<0.0005	0.00017 (J)
11/10/2016		<0.0005				
1/9/2017	<0.0005		<0.0005	<0.0005		
1/10/2017					<0.0005	0.00018 (J)
1/11/2017		<0.0005				
3/13/2017	<0.0005		<0.0005	<0.0005		
3/14/2017		<0.0005				
3/15/2017					<0.0005	
3/16/2017						0.00024 (J)
5/15/2017	<0.0005		<0.0005	<0.0005		0.00022 (J)
5/16/2017					<0.0005	
5/18/2017		<0.0005				
3/12/2018	<0.0005		<0.0005	<0.0005		
3/13/2018					<0.0005	0.00022 (J)
3/14/2018		<0.0005				
6/5/2018	<0.0005		<0.0005	<0.0005		
6/6/2018					<0.0005	
6/7/2018						0.00022 (J)
6/10/2018		<0.0005				
10/16/2018	<0.0005		<0.0005	<0.0005		
10/17/2018						0.00019 (J)
10/18/2018		<0.0005			<0.0005	
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005		
2/28/2019					<0.0005	0.00018 (J)
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005		
11/11/2019					<0.0005	0.00023 (J)
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005		
4/18/2020					<0.0005	0.00027
10/7/2020	<0.0005	<0.0005	<0.0005	<0.0005		
10/8/2020						0.00038 (J)
10/9/2020					<0.0005	
3/29/2021	<0.0005	<0.0005	<0.0005	<0.0005 (D)		
3/31/2021					<0.0005	
4/1/2021						0.00022
9/2/2021	0.00015 (J)	<0.0005	<0.0005	<0.0005		
9/7/2021					<0.0005	0.00015 (J)
3/22/2022	<0.0005	<0.0005	<0.0005	<0.0005		
3/24/2022					<0.0005	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0005	<0.0005	
3/3/2016	0.00015 (J)	<0.0005			0.00023 (J)
5/2/2016				<0.0005	
5/3/2016			<0.0005		
5/4/2016	0.00021 (J)	<0.0005			0.00026 (J)
7/5/2016			<0.0005	<0.0005	
7/6/2016	0.00022 (J)				0.00032 (J)
7/7/2016		<0.0005			
9/6/2016			<0.0005	<0.0005	
9/7/2016	0.0001 (J)	<0.0005			0.00036 (J)
11/7/2016		<0.0005	<0.0005	<0.0005	
11/8/2016	0.00014 (J)				0.00032 (J)
1/9/2017			<0.0005	<0.0005	
1/10/2017	0.00018 (J)	<0.0005			0.00033 (J)
3/13/2017			<0.0005	<0.0005	
3/15/2017	<0.0005	<0.0005			
3/16/2017					0.00029 (J)
5/15/2017			<0.0005	<0.0005	
5/16/2017	9.5E-05 (J)	<0.0005			0.00027 (J)
3/12/2018			<0.0005	<0.0005	
3/13/2018	0.00017 (J)	<0.0005			0.00028 (J)
6/6/2018			<0.0005	<0.0005	
6/7/2018	0.00017 (J)	<0.0005			0.00026 (J)
10/17/2018	0.00011 (J)	<0.0005	<0.0005	<0.0005	0.00022 (J)
2/27/2019			<0.0005	<0.0005	0.00022 (J)
2/28/2019	0.00016 (J)	<0.0005			
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2019			<0.0005	<0.0005	
11/11/2019	0.00029 (J)	<0.0005			0.00023 (J)
4/16/2020			<0.0005	<0.0005	
4/18/2020	0.00026	<0.0005			0.00016
10/7/2020			<0.0005	<0.0005	
10/8/2020					0.00031 (J)
10/9/2020	0.00015 (J)	<0.0005			
3/29/2021			<0.0005	<0.0005	
4/1/2021	<0.0005	<0.0005			0.00019
9/2/2021			<0.0005	<0.0005	
9/7/2021	0.00015 (J)	<0.0005			0.00016 (J)
3/22/2022			<0.0005	<0.0005	
3/24/2022	<0.0005	<0.0005			<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL 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
3/22/2022	58	14	18	46		
3/24/2022					16	440

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 1:46 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

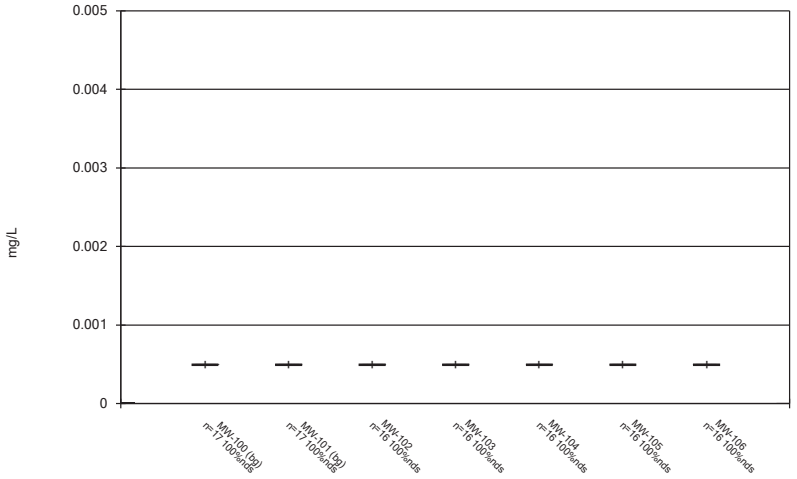
	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			10	<5	
3/3/2016	1100	18			490
5/2/2016				36	
5/3/2016			<5		
5/4/2016	1200	38			690
7/5/2016			<5	<5	
7/6/2016	870				500
7/7/2016		<5			
9/6/2016			36	44	
9/7/2016	650	14			590
11/7/2016		32	<5	30	
11/8/2016	1100				530
1/9/2017			<5	12	
1/10/2017	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
3/22/2022			84	22	
3/24/2022	1400	62			470

ND substitution: RL or RL/2 if <15% NDs.

Box Plots - 100, 200 & 300 Series

100 Series

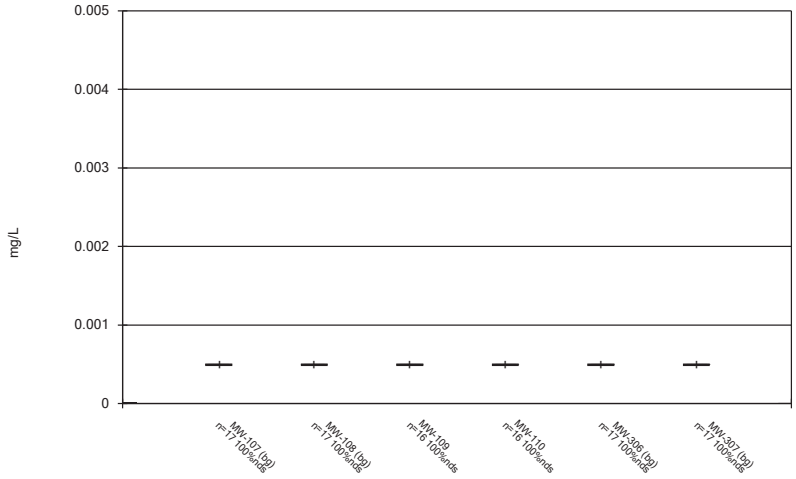
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

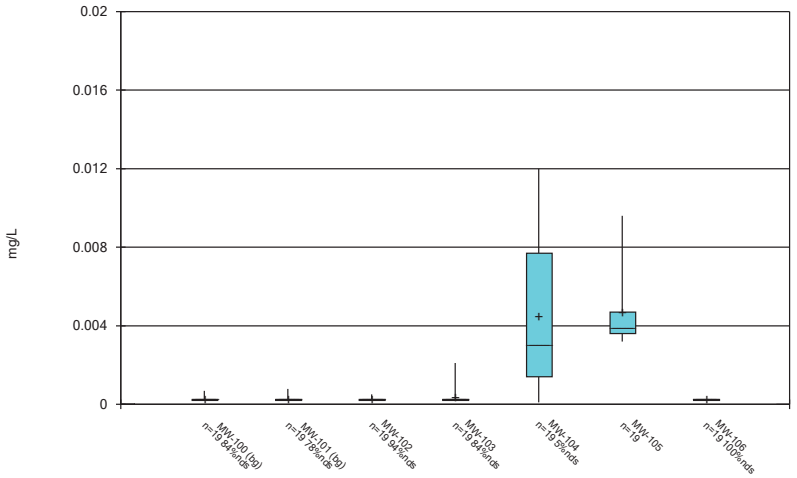
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

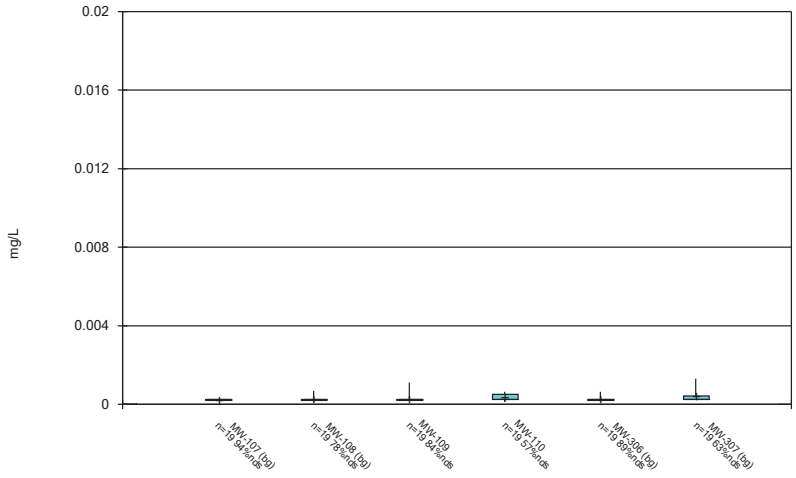
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

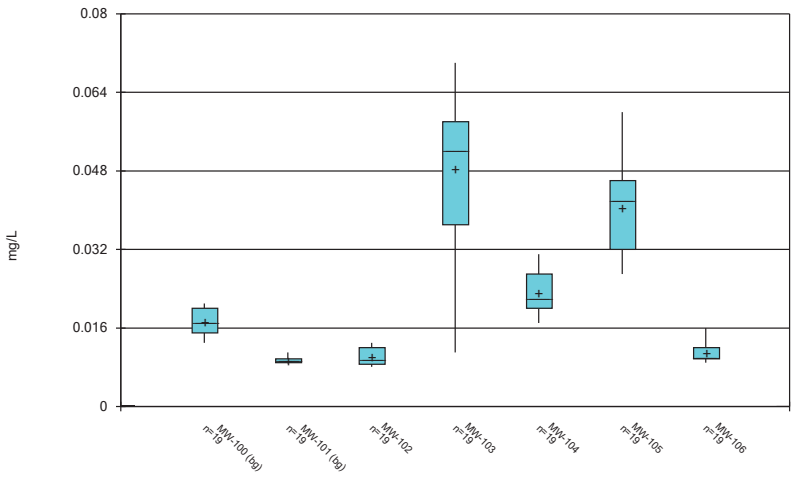
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

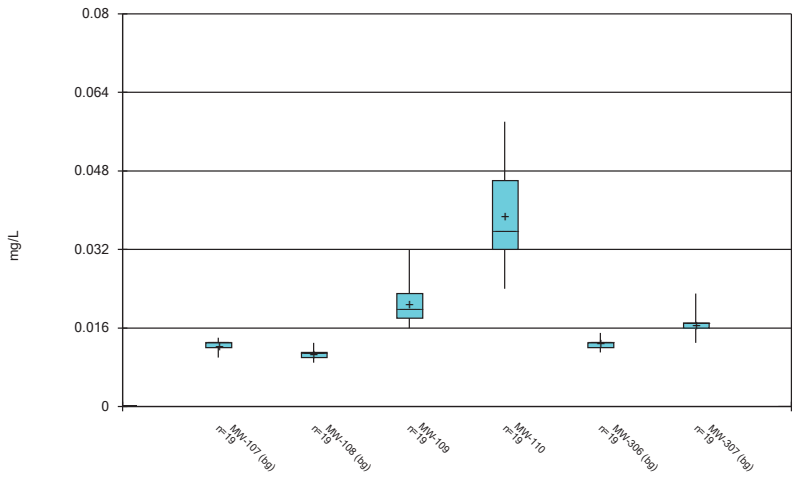
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

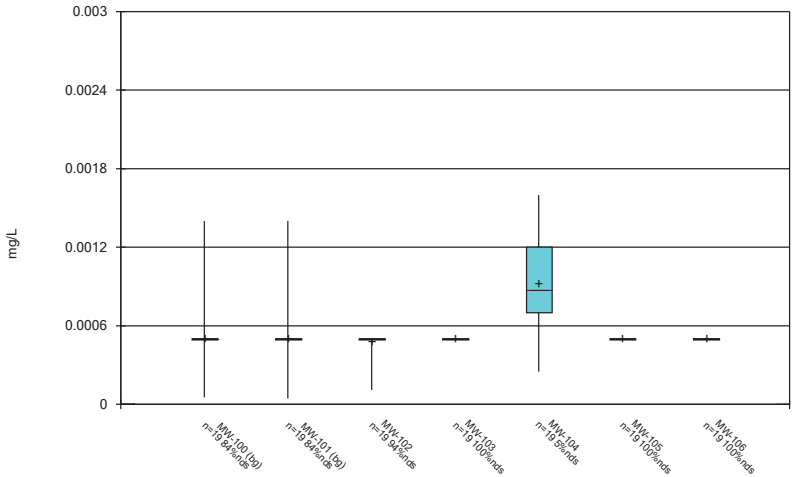
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

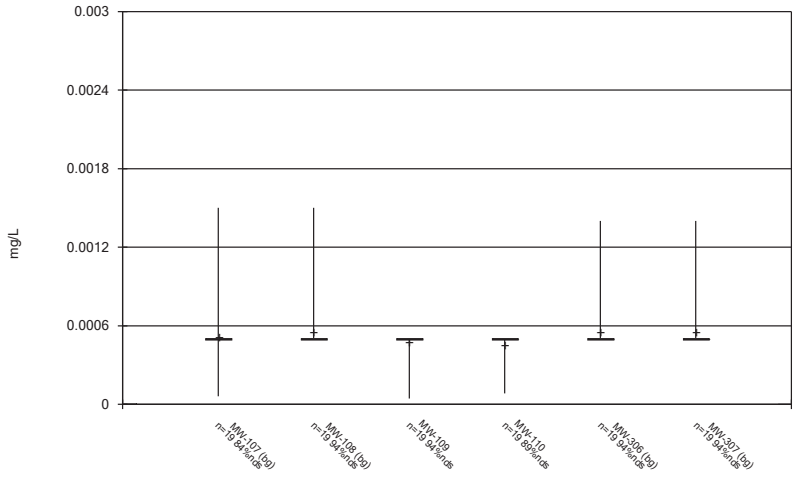
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

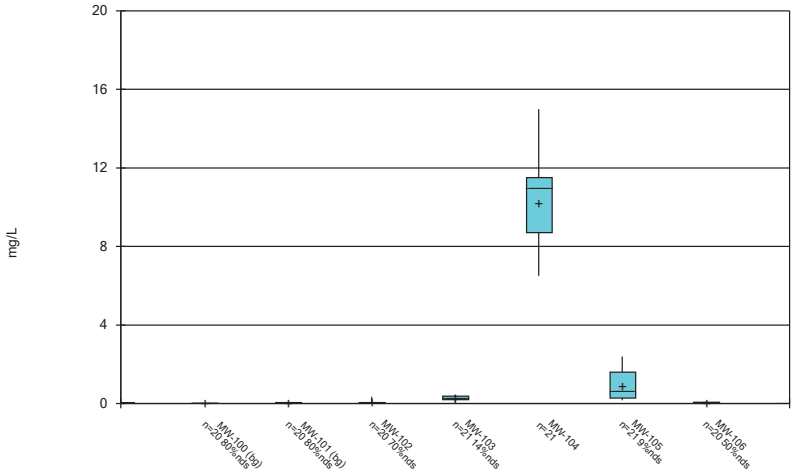
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

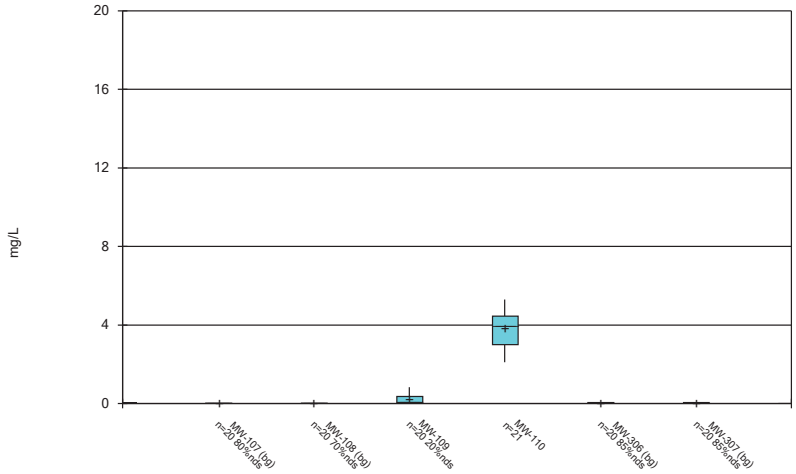
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

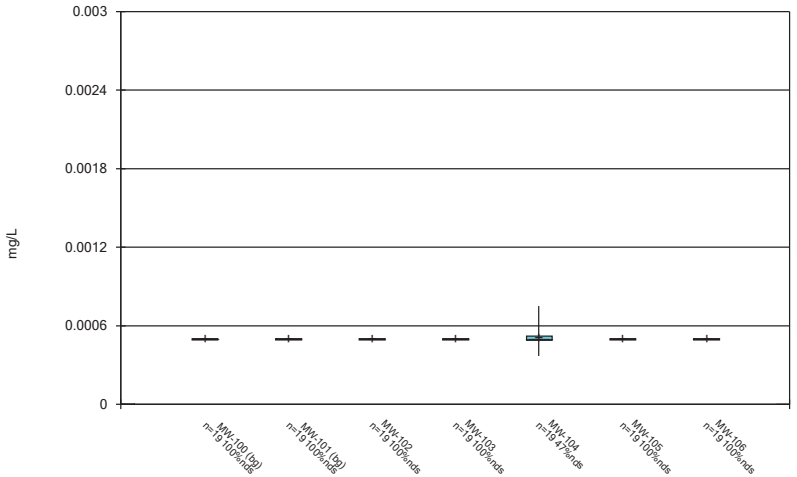
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

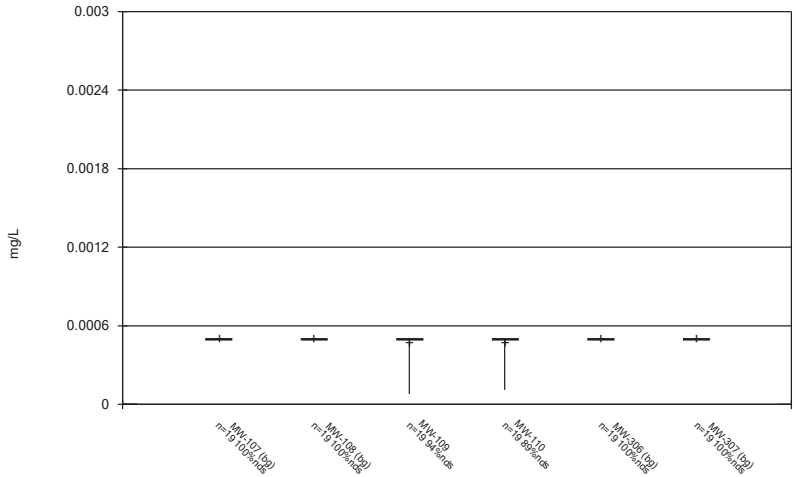
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

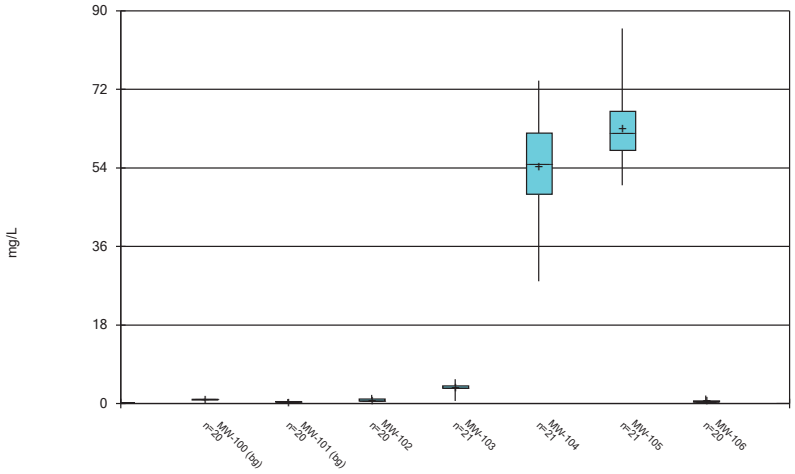
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

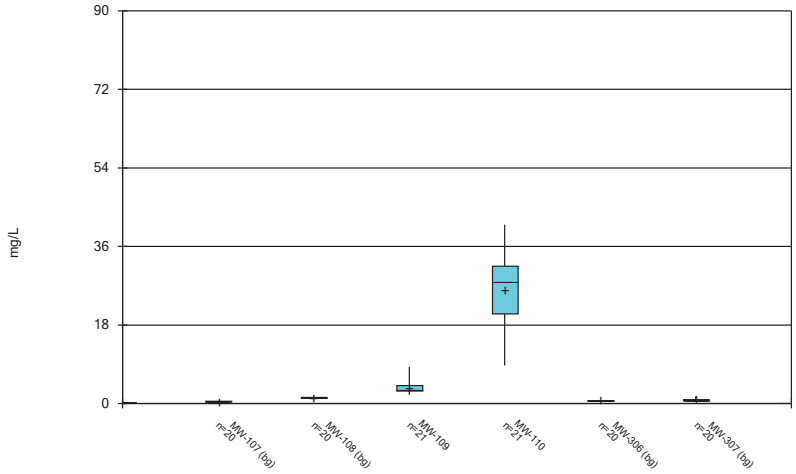
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

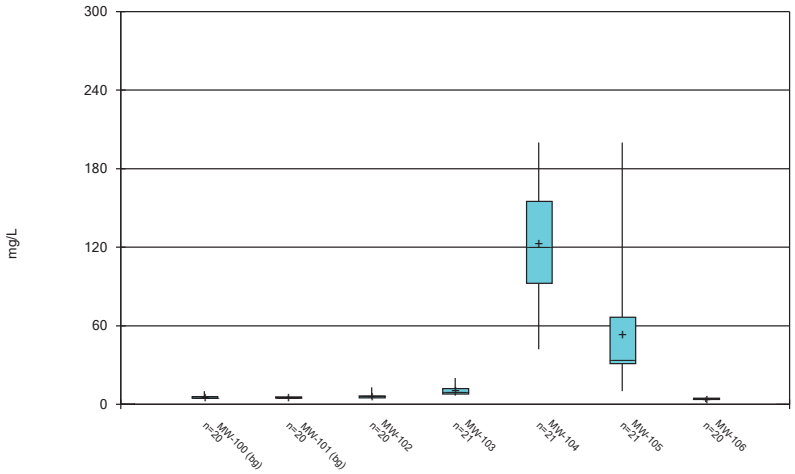
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

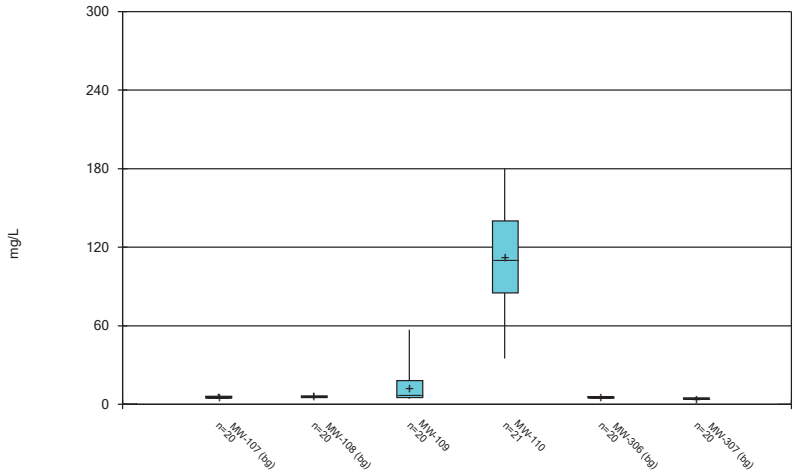
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

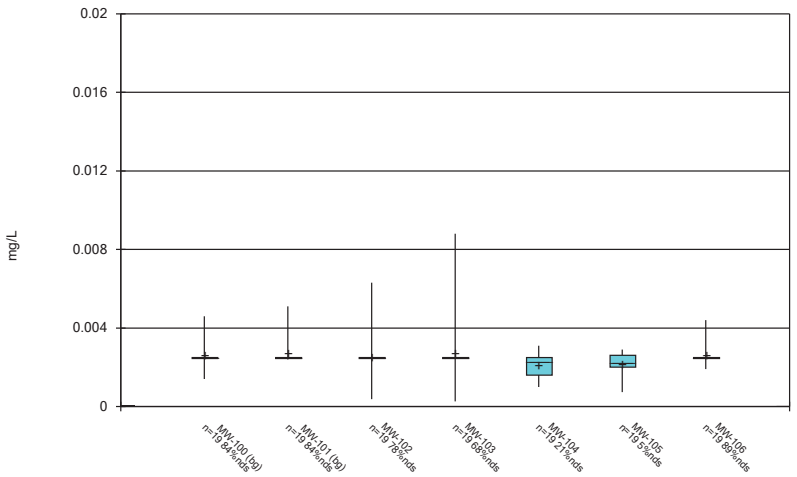
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

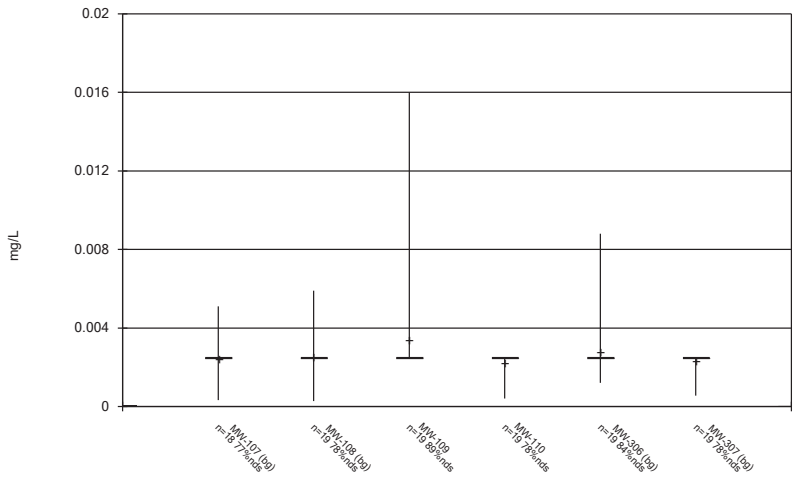
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

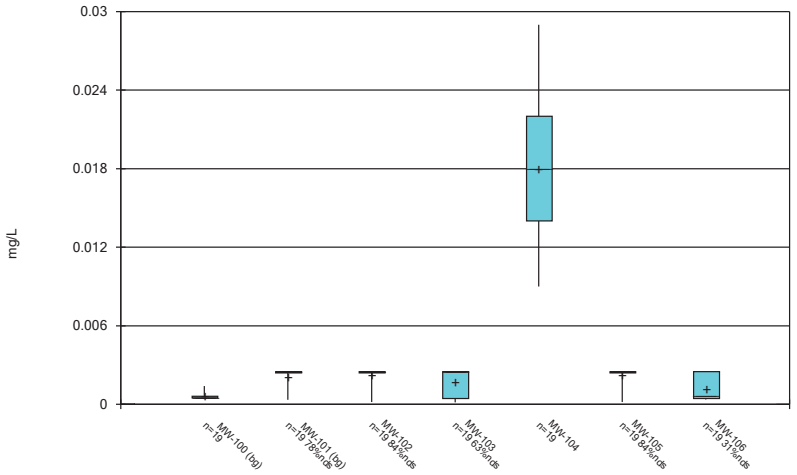
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

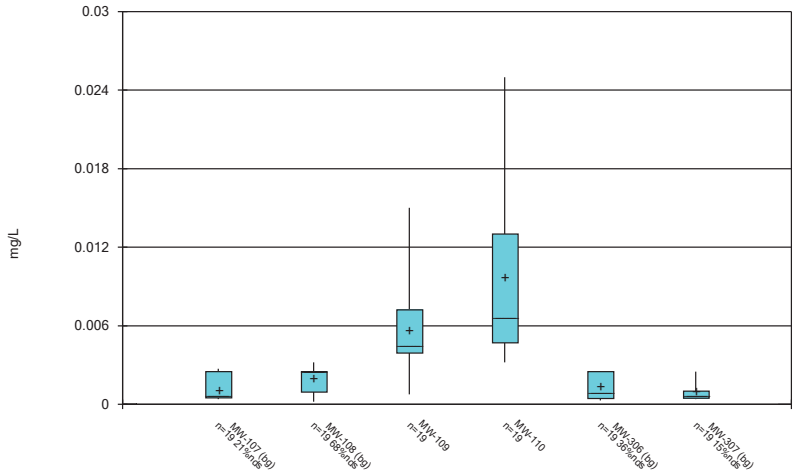
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

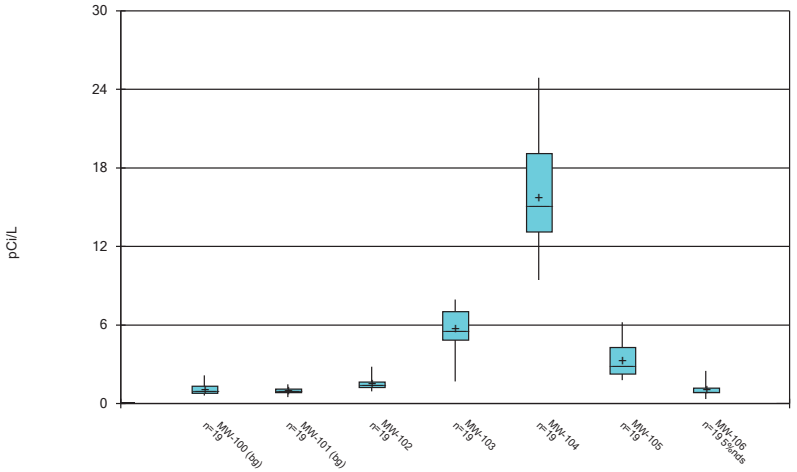
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



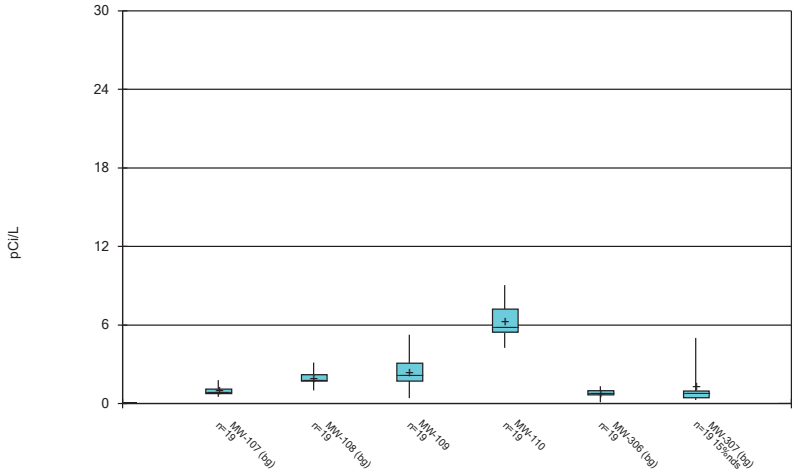
Constituent: Cobalt Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Box & Whiskers Plot



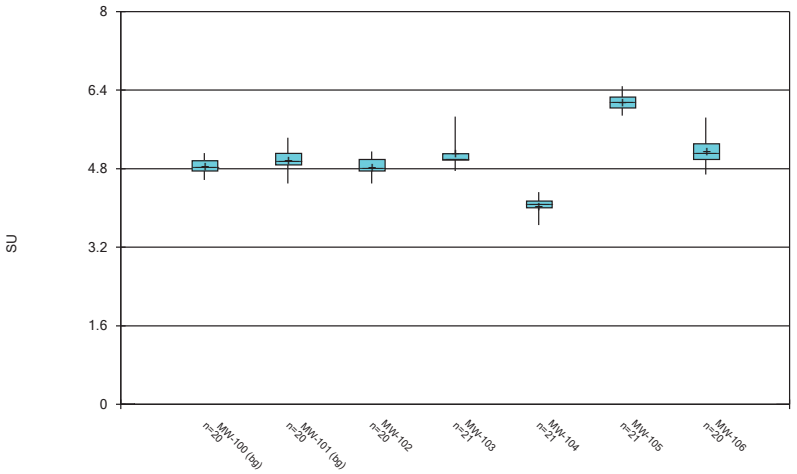
Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Box & Whiskers Plot



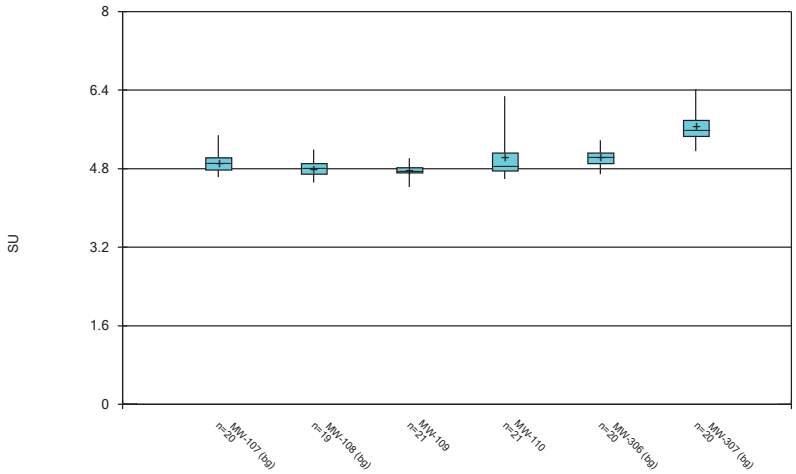
Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Box & Whiskers Plot



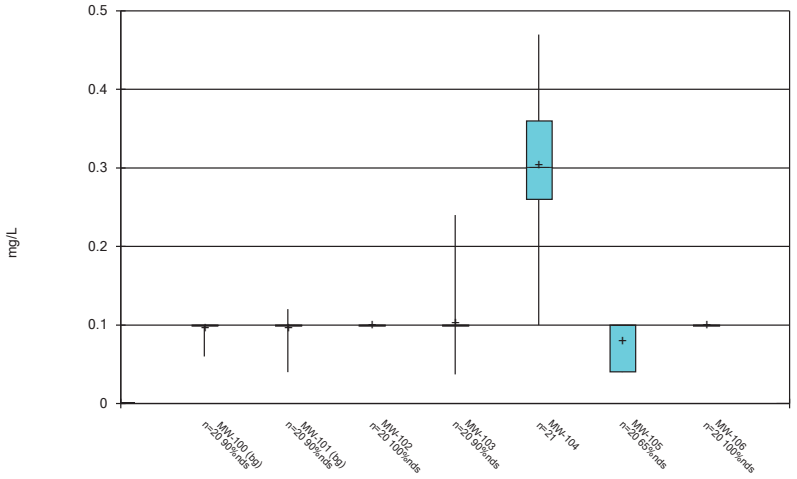
Constituent: Field pH Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

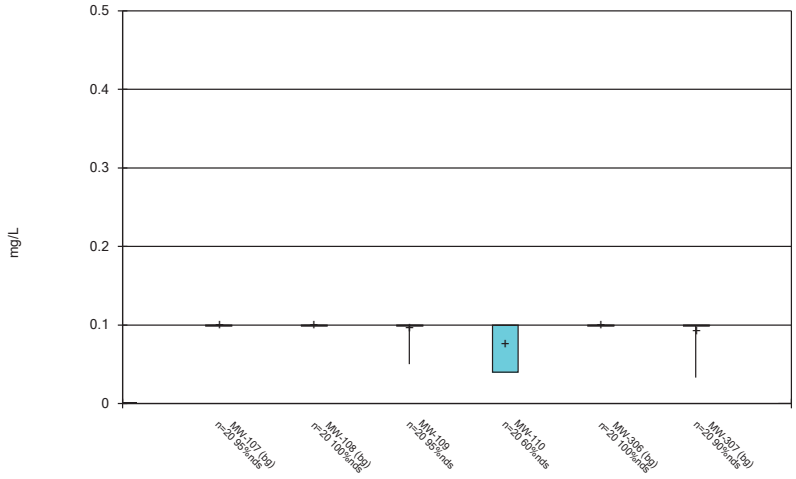
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

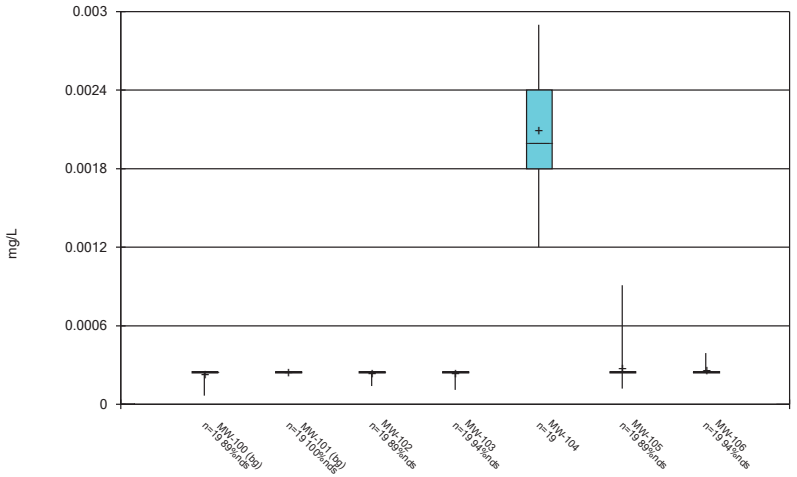
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

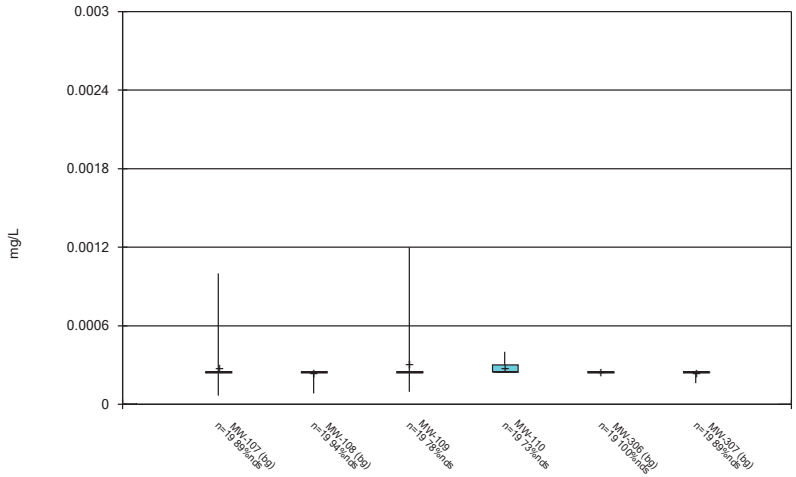
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

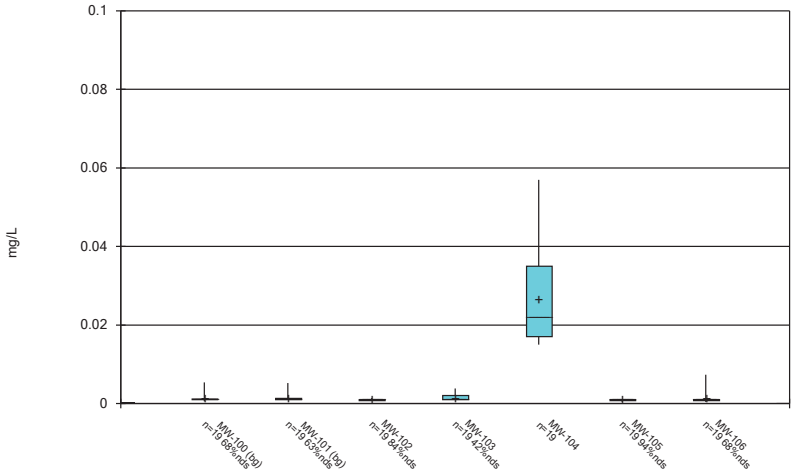
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot

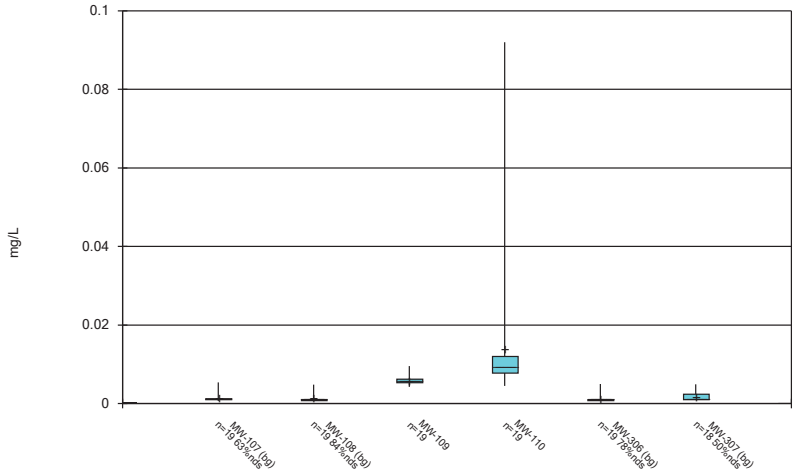


Constituent: Lithium Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot

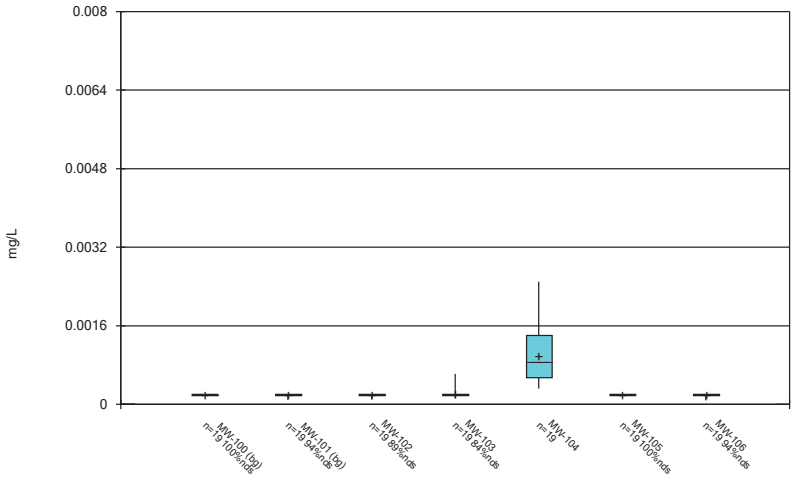


Constituent: Lithium Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot

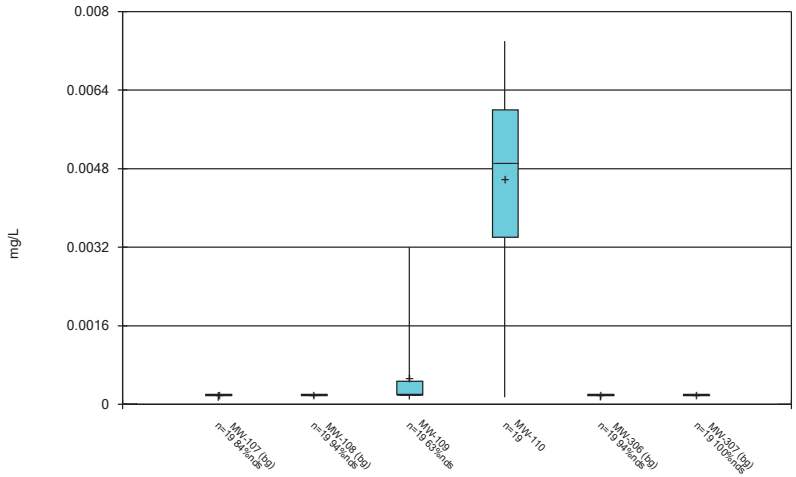


Constituent: Mercury Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

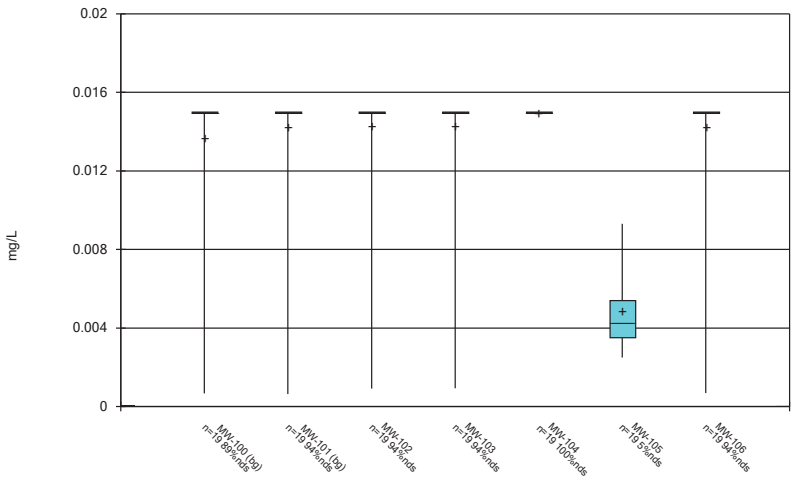
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

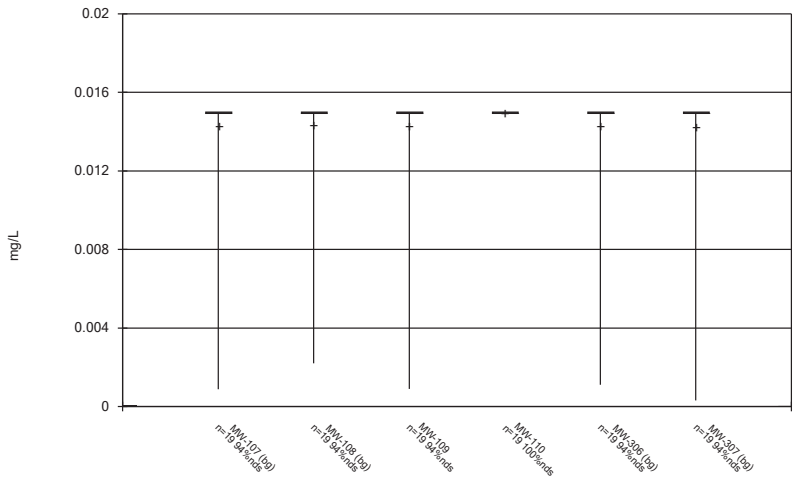
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

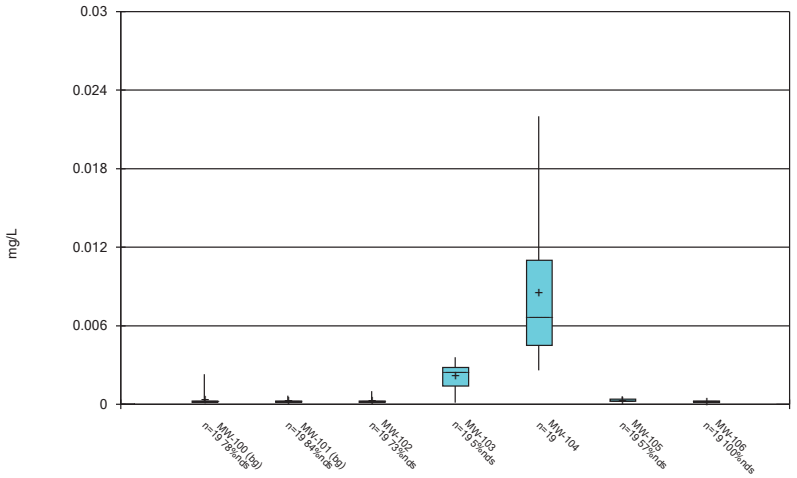
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

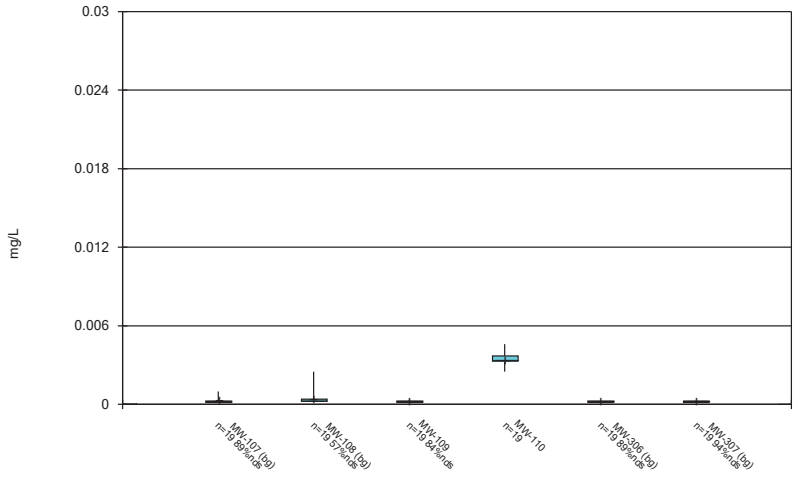
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

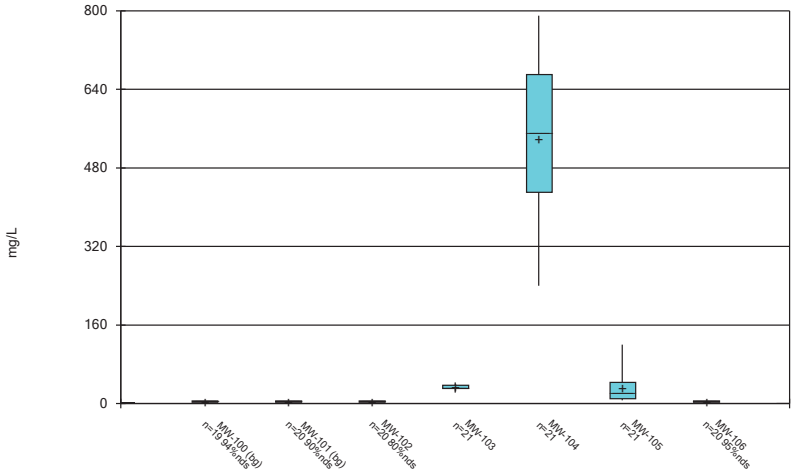
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

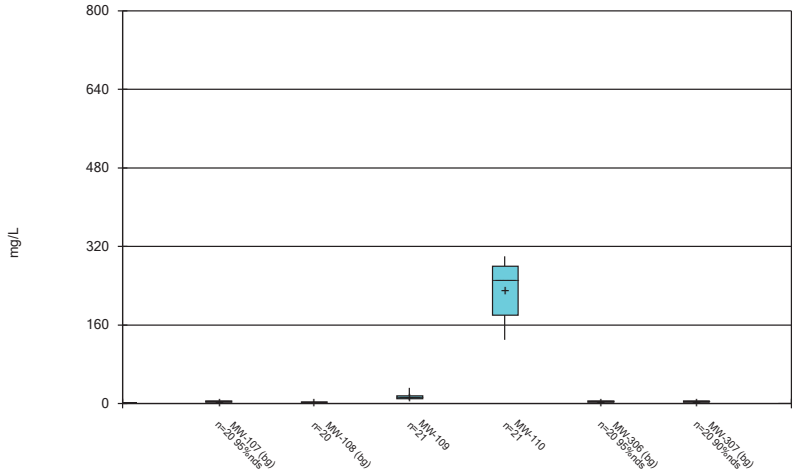
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

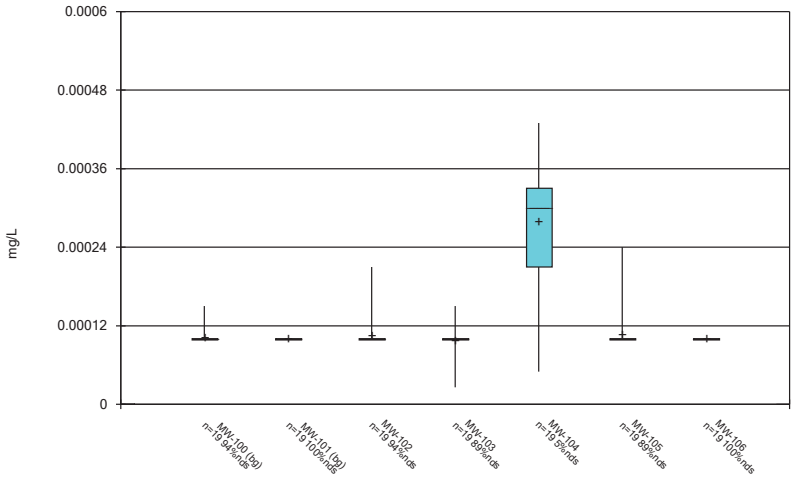
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

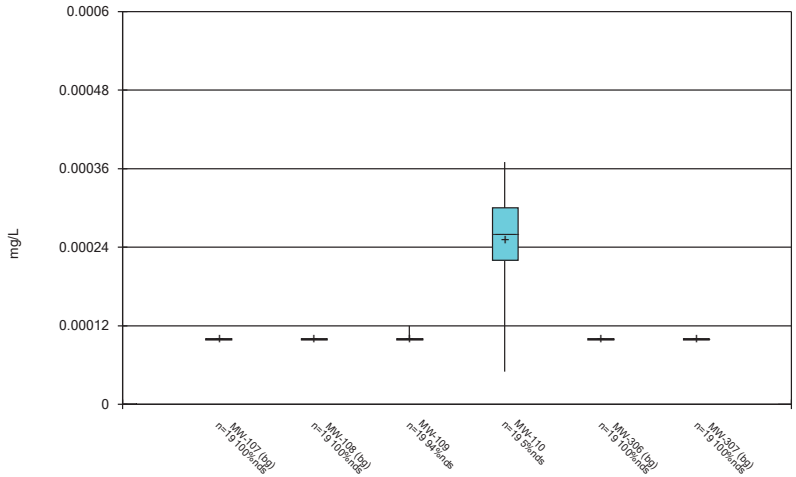
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

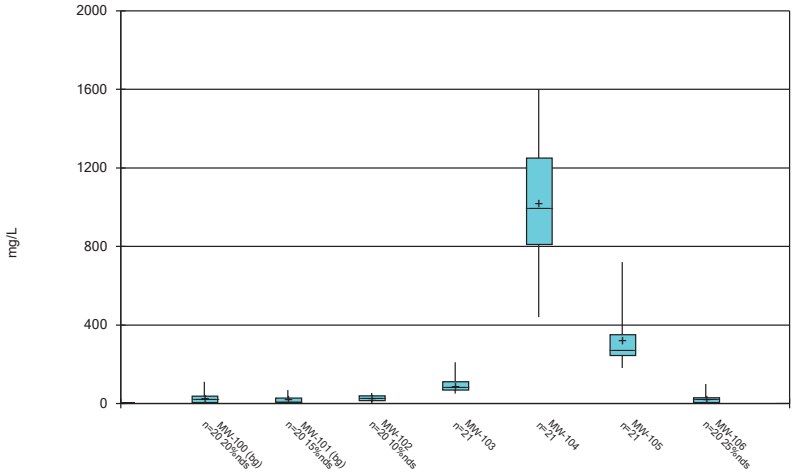
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Box & Whiskers Plot

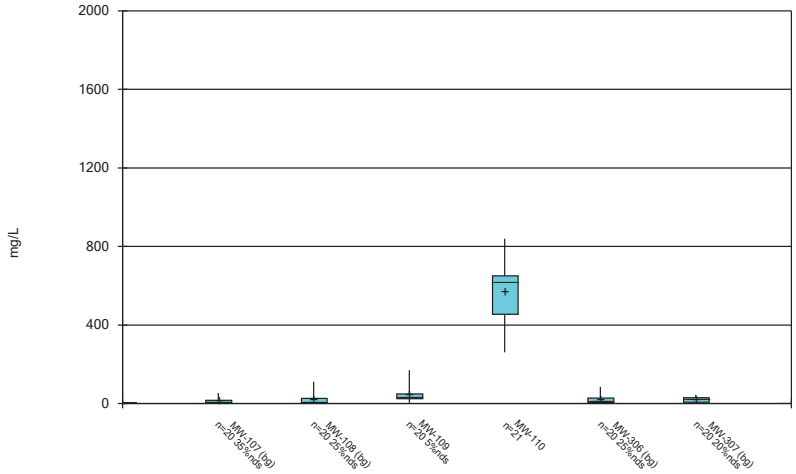


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot

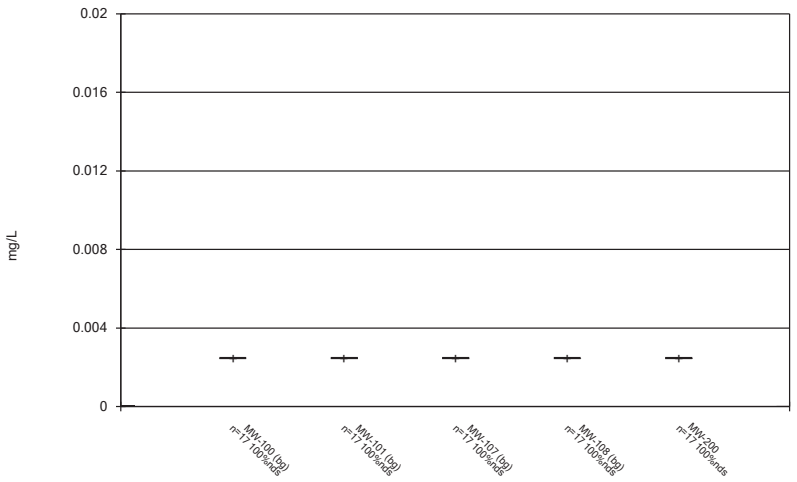


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

200 Series

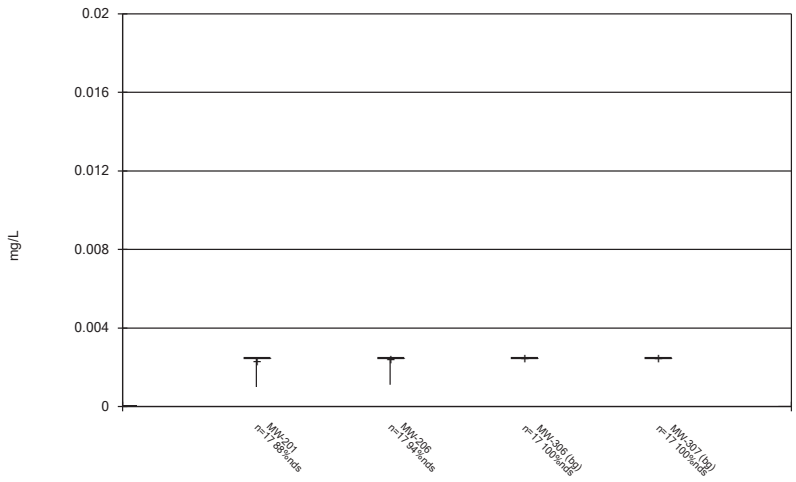
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

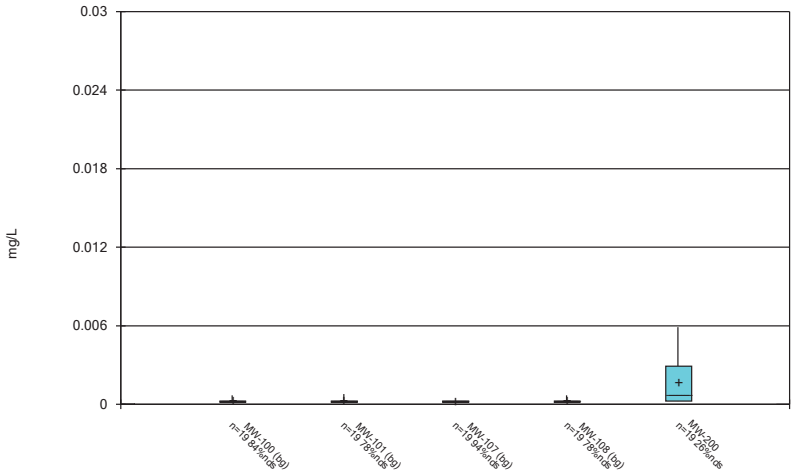
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

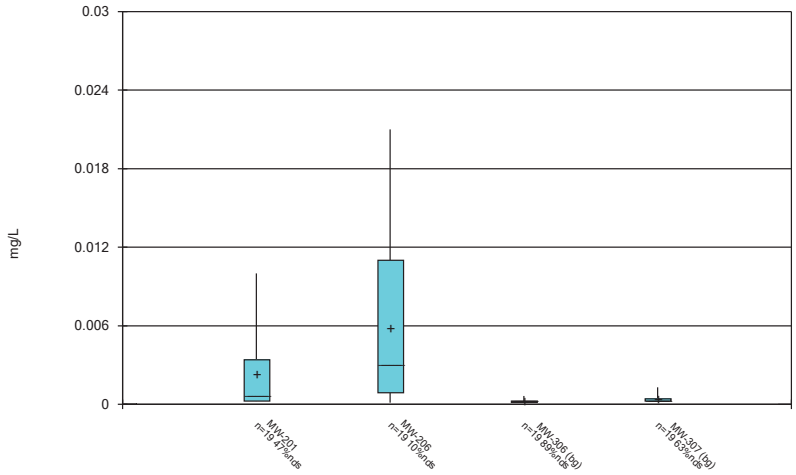
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

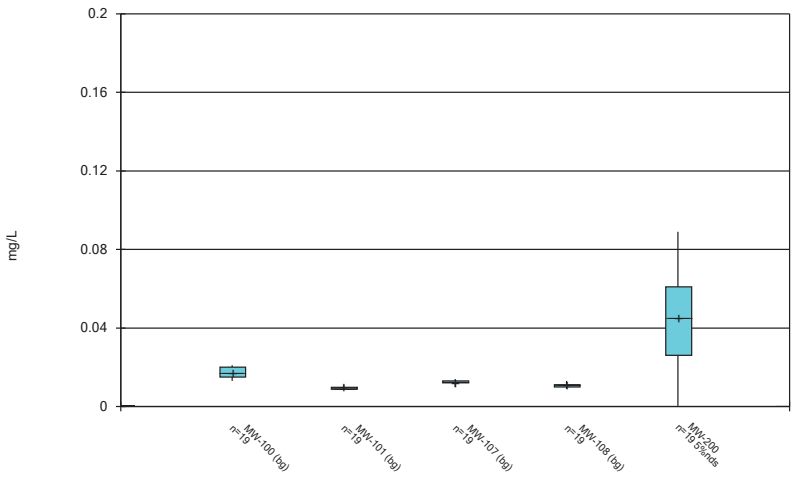
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

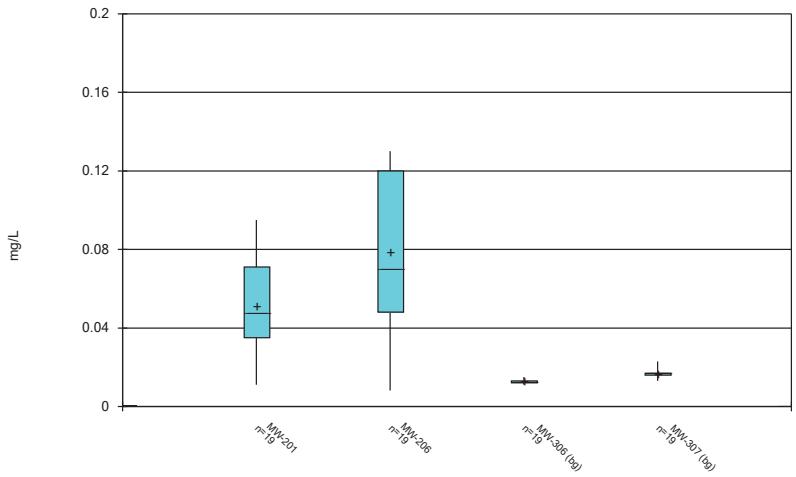
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

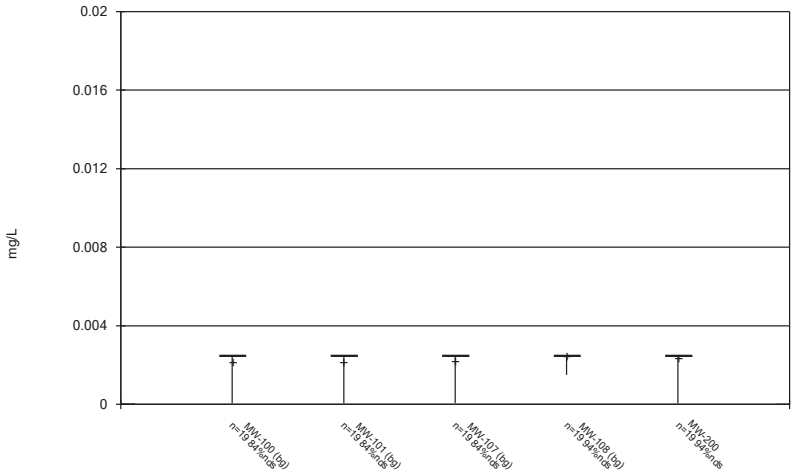
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

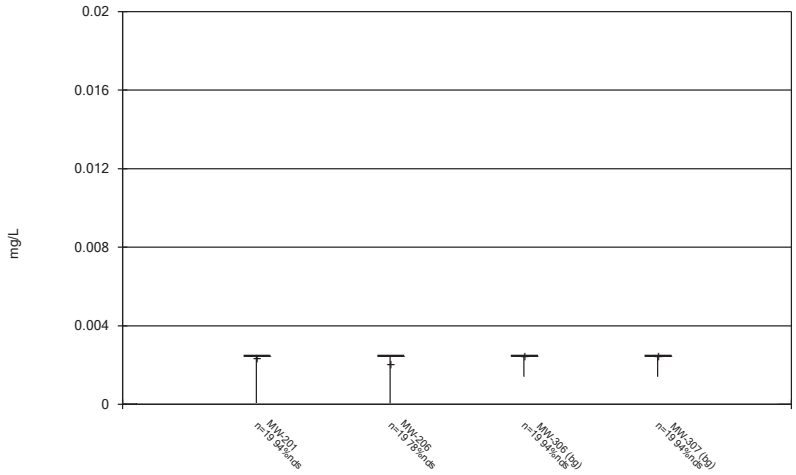
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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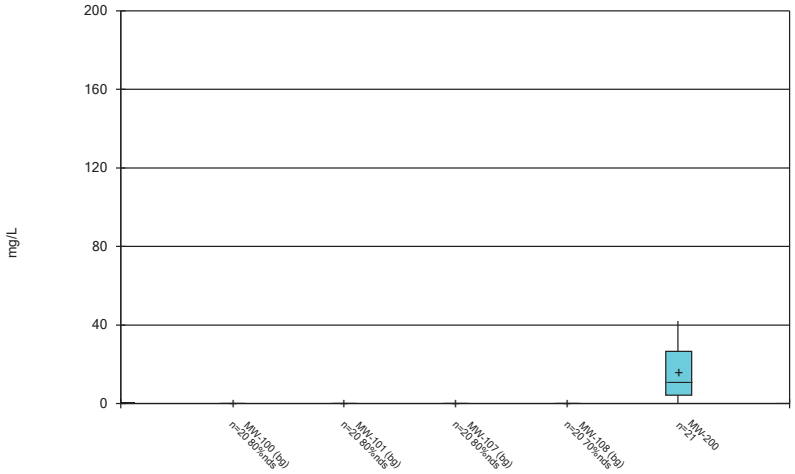
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

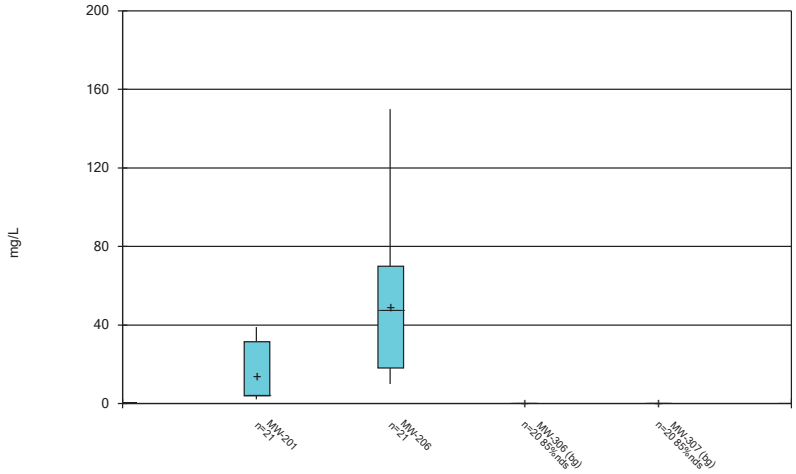
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

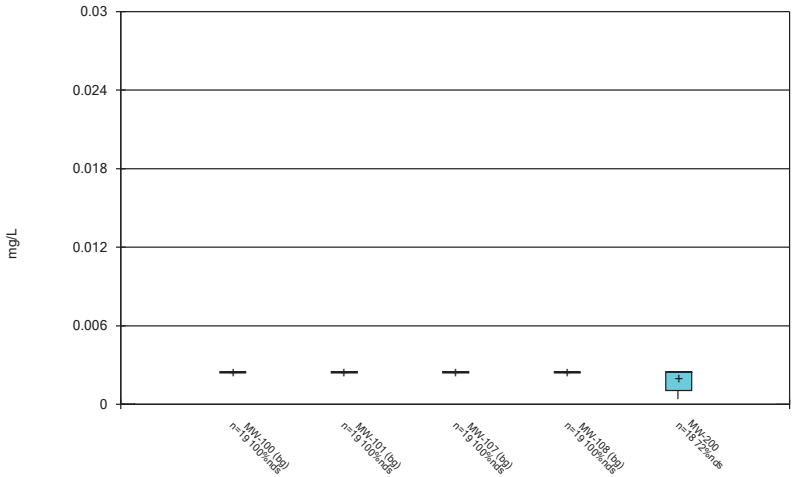
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

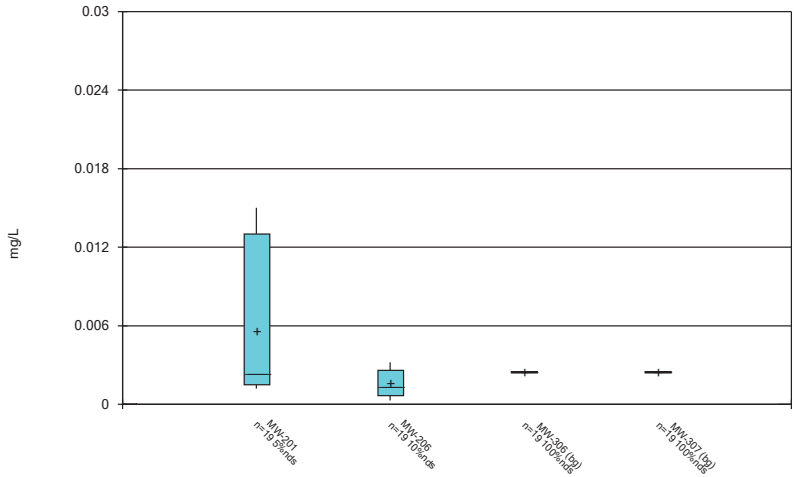
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

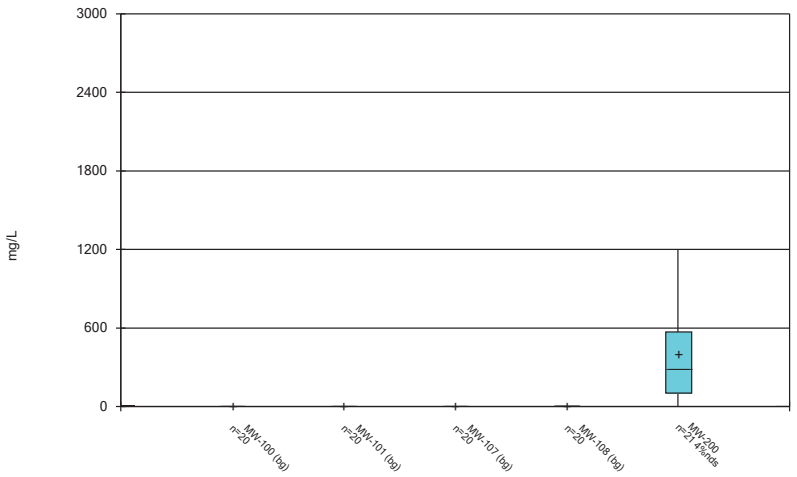
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

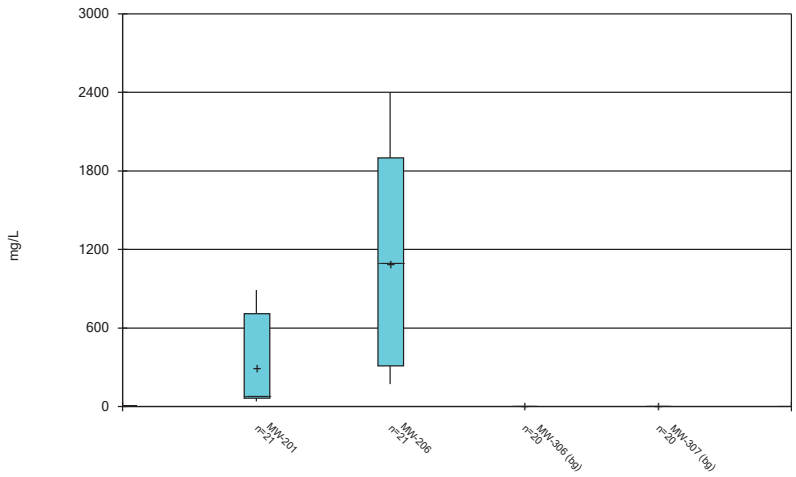
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

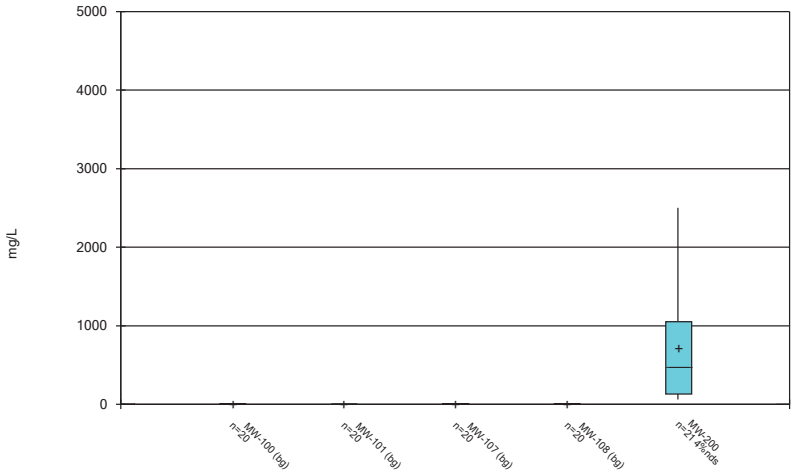
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

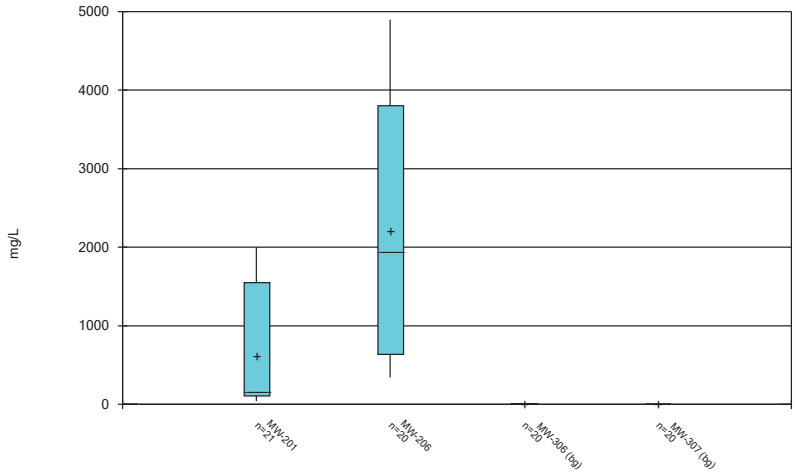
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

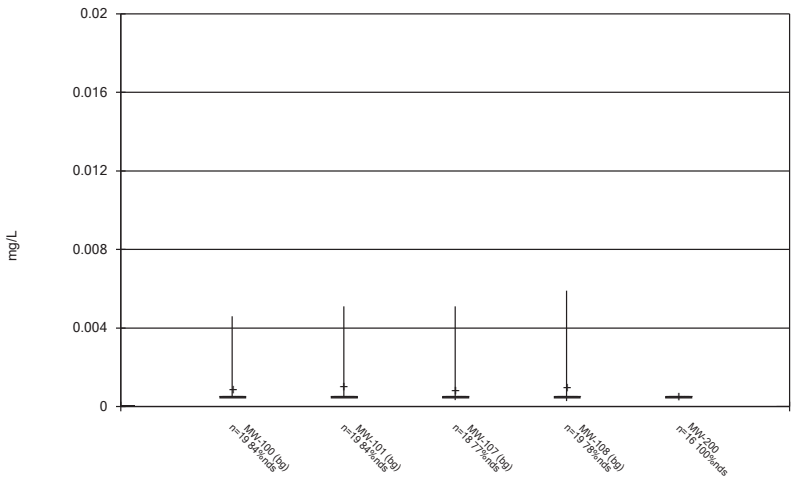
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

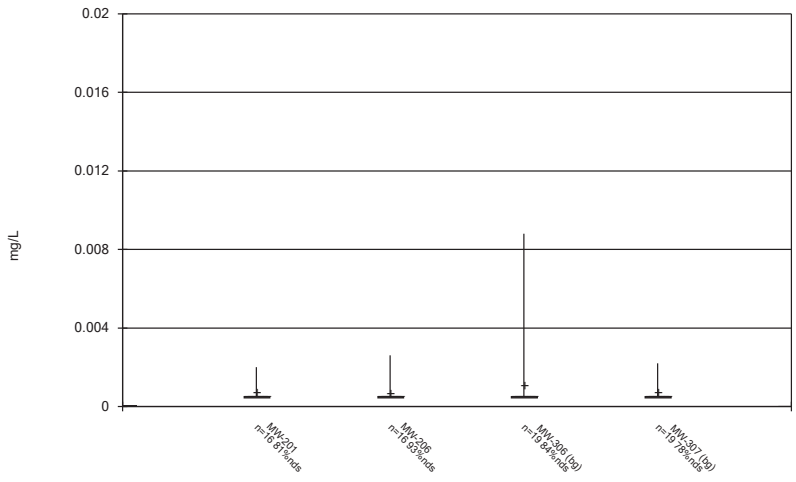
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

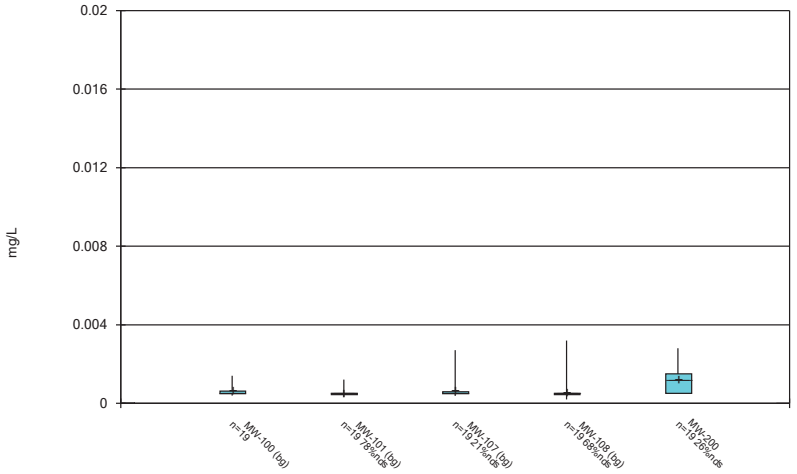
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

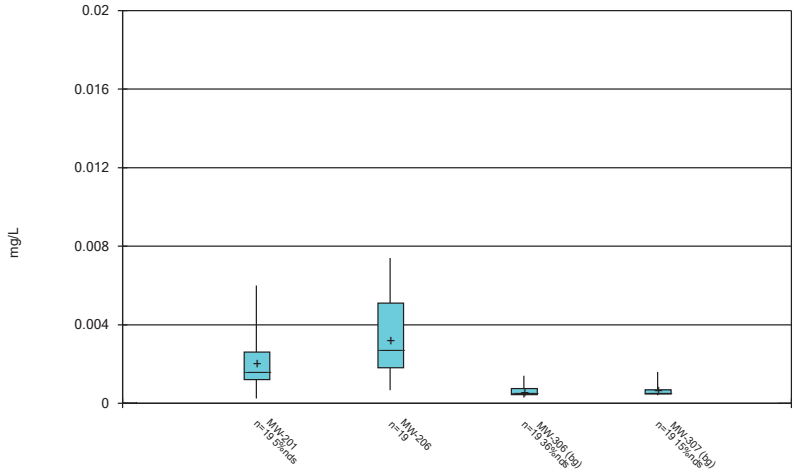
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

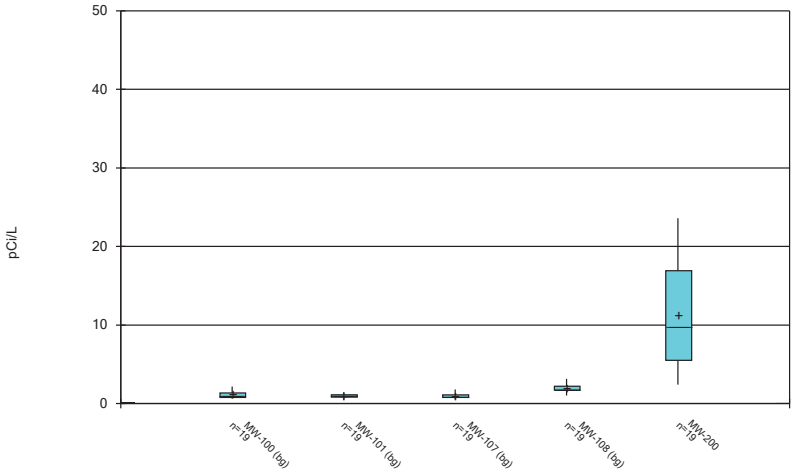
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

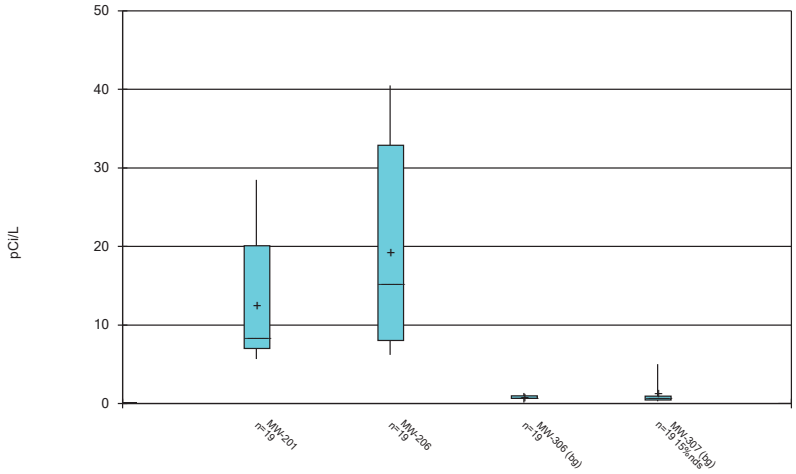
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

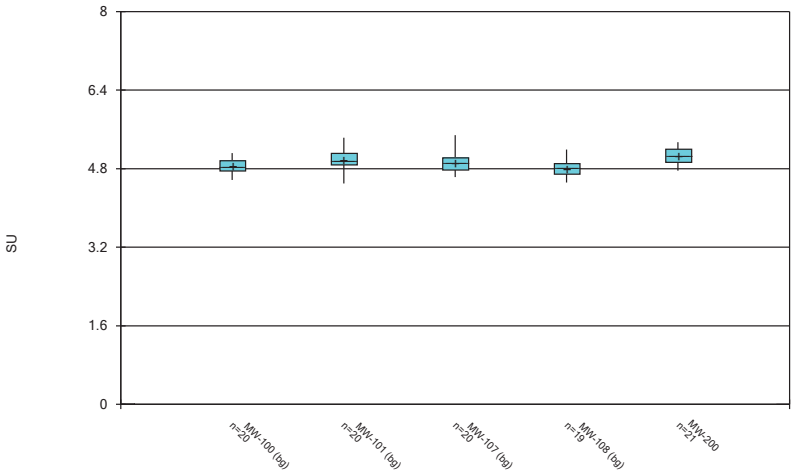
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

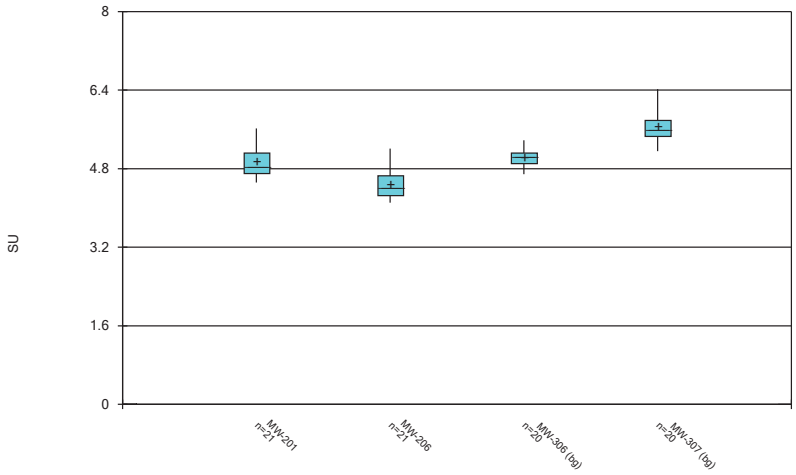
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

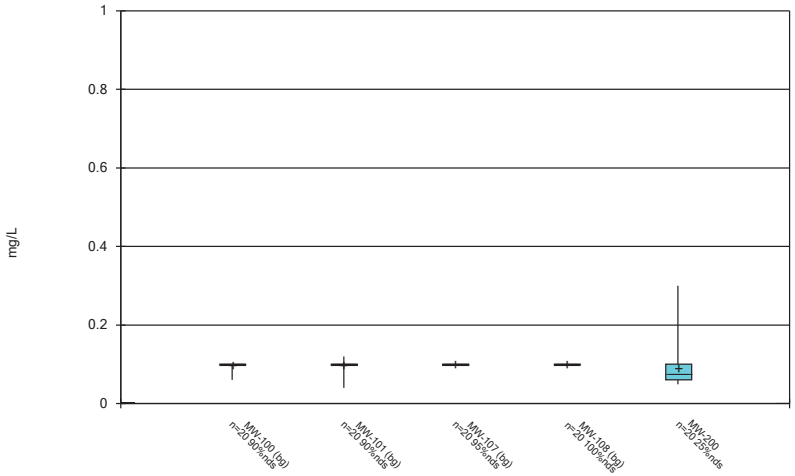
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

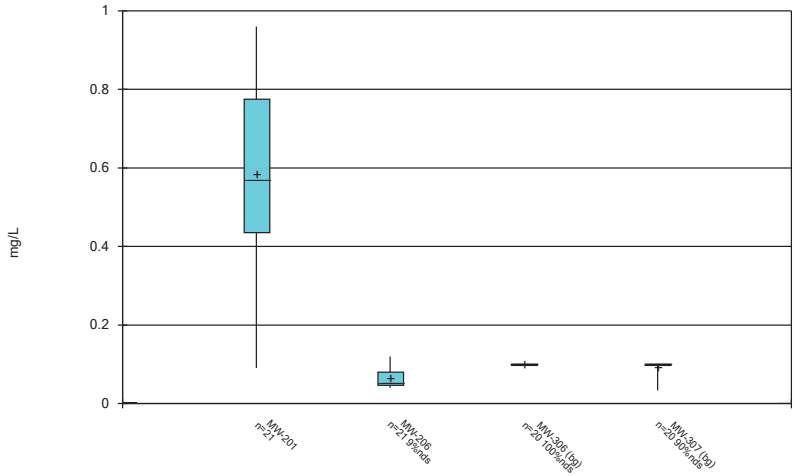
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

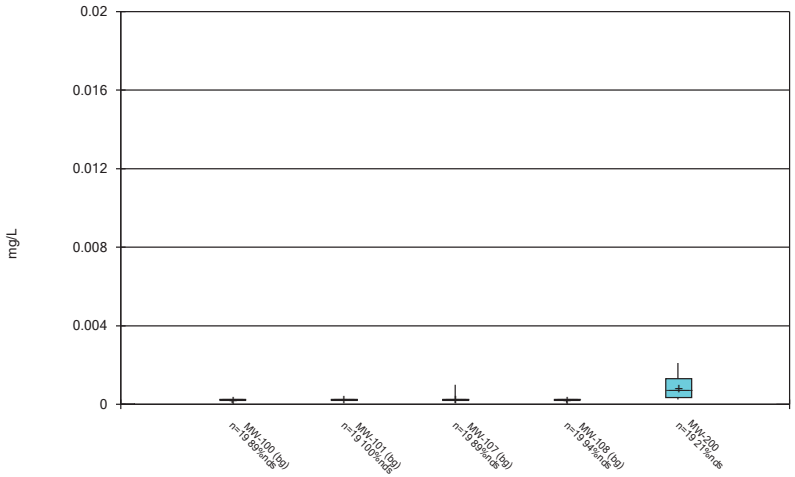
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

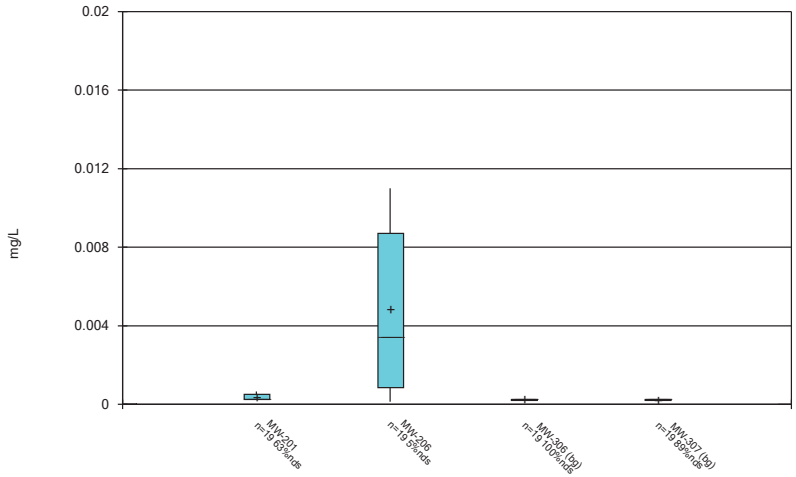
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

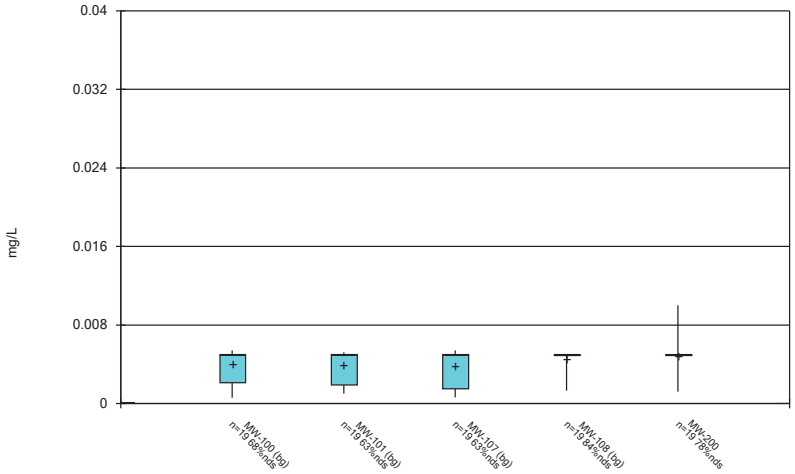
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

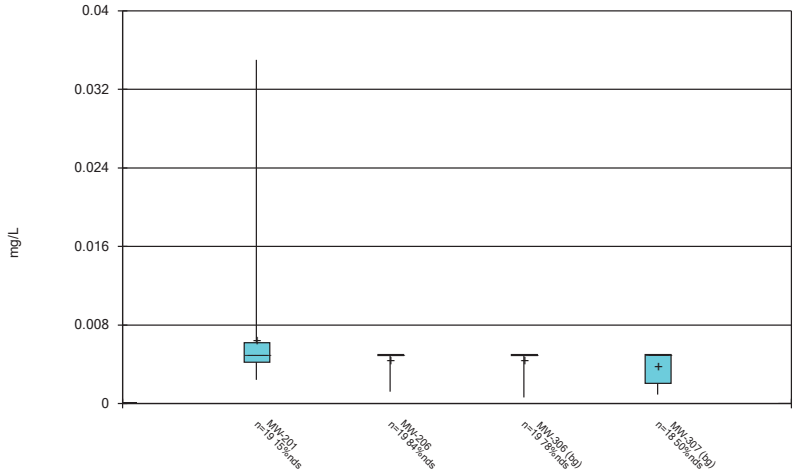
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

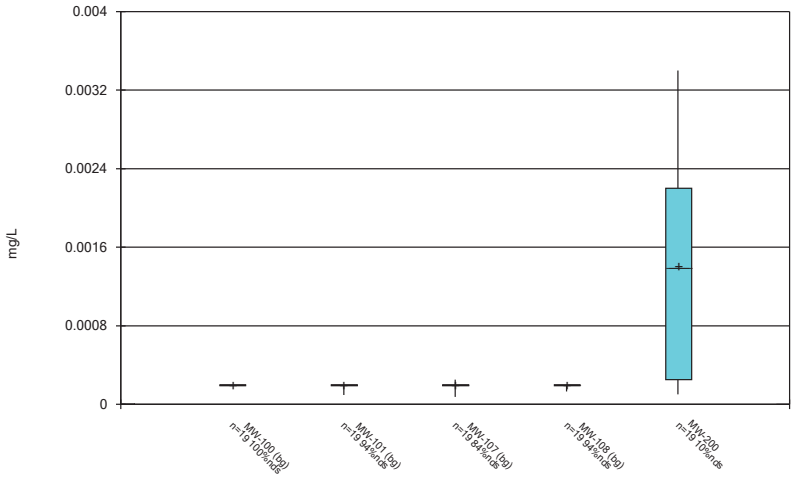
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

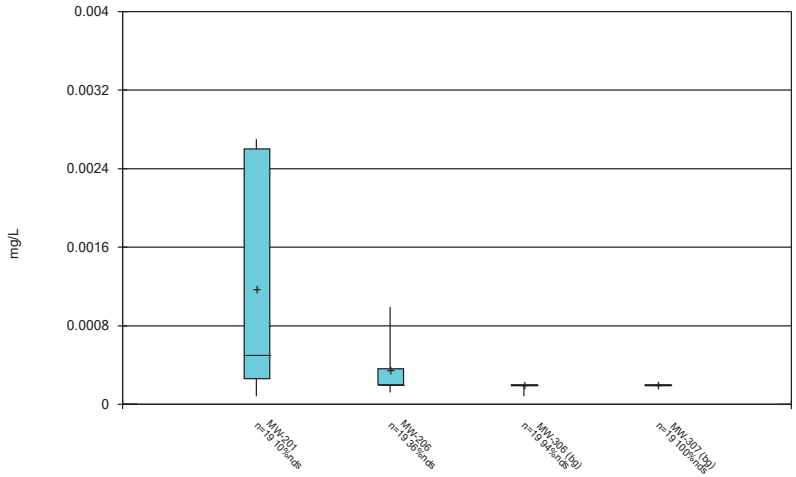
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

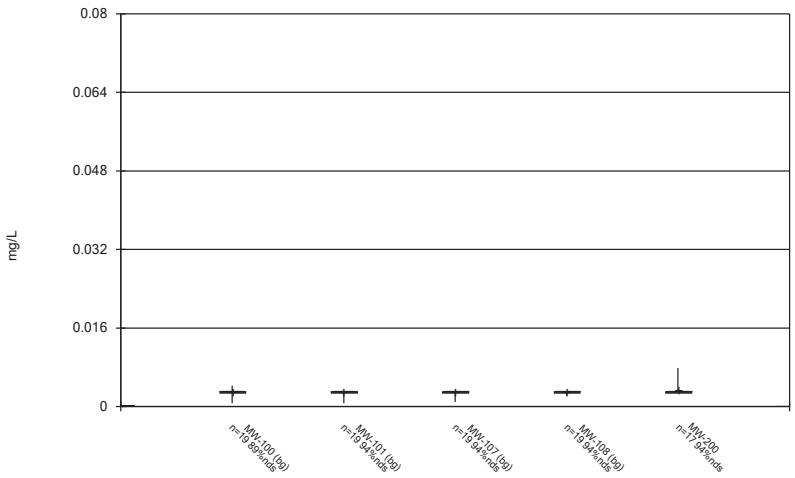
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

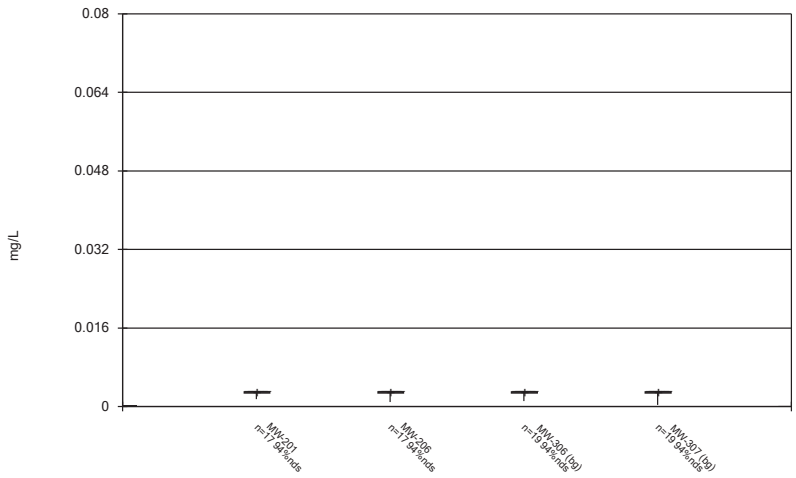
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

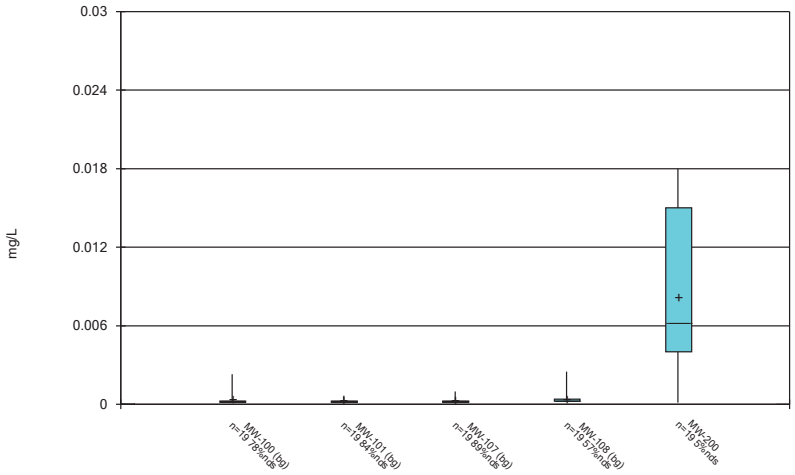
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

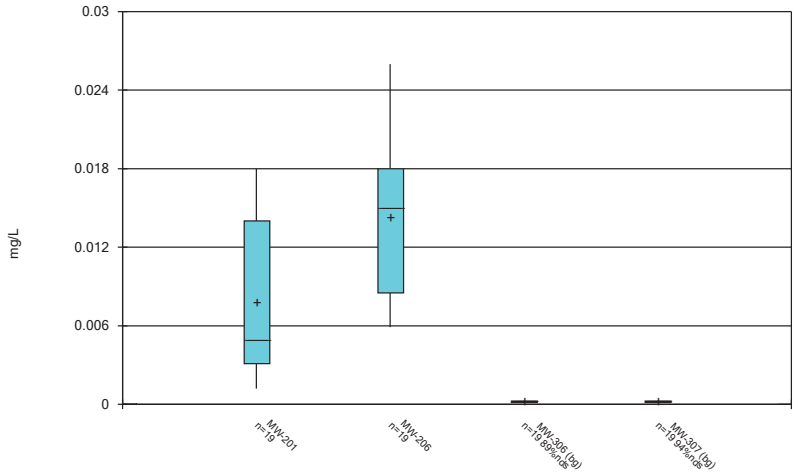
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

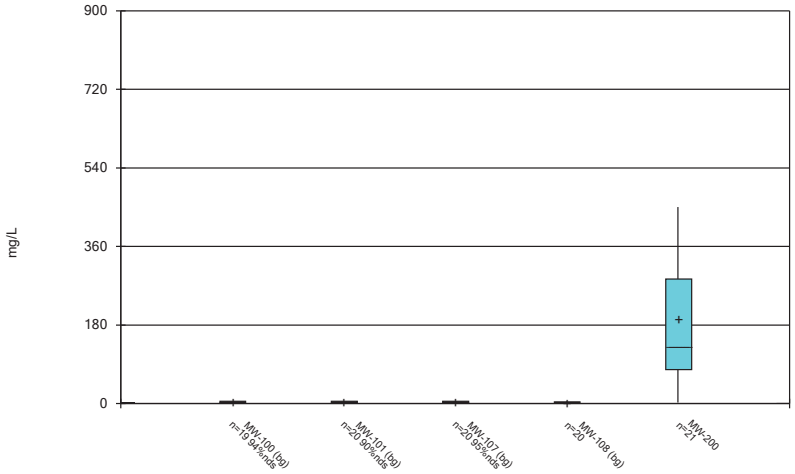
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

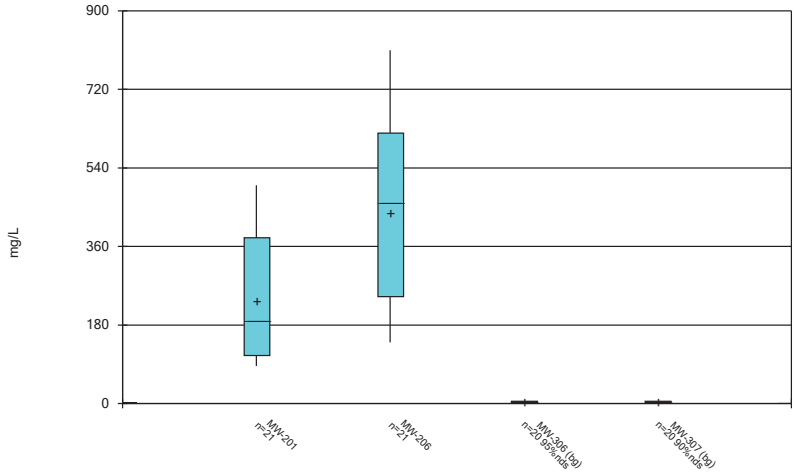
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

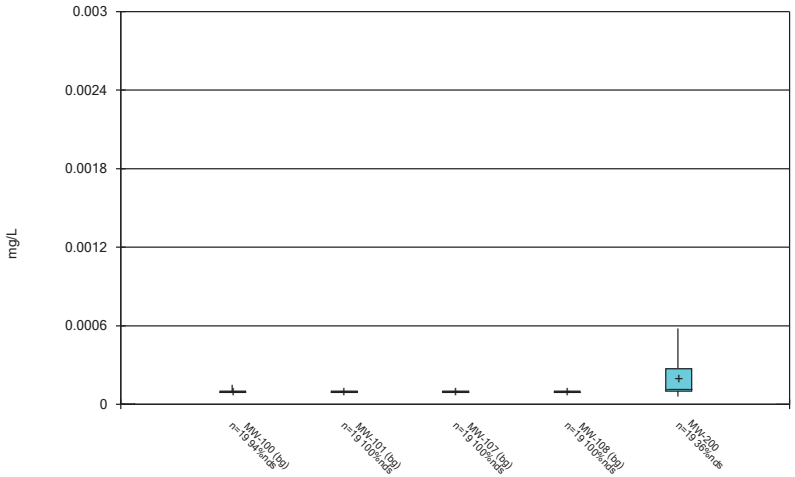
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

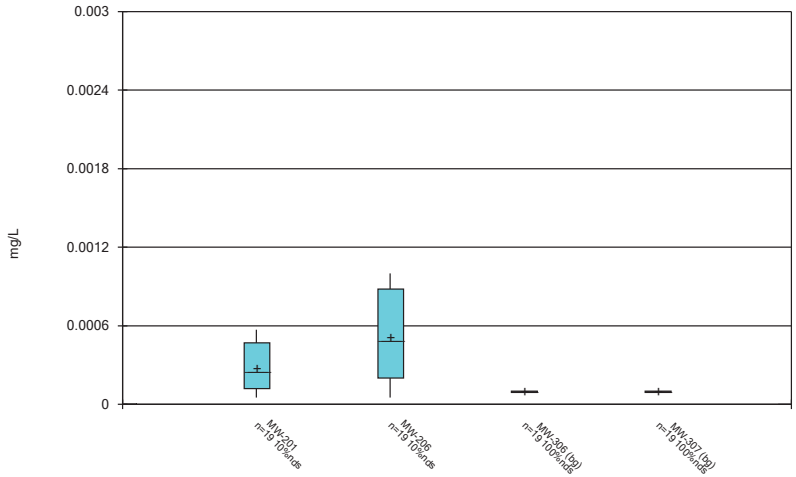
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

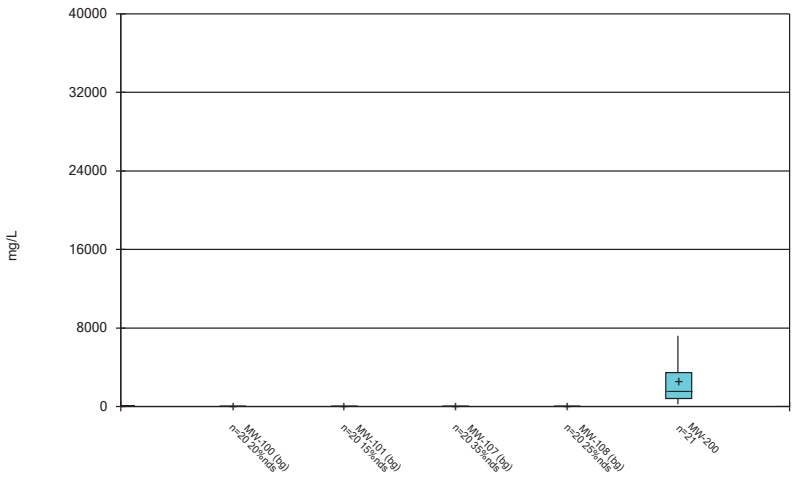
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

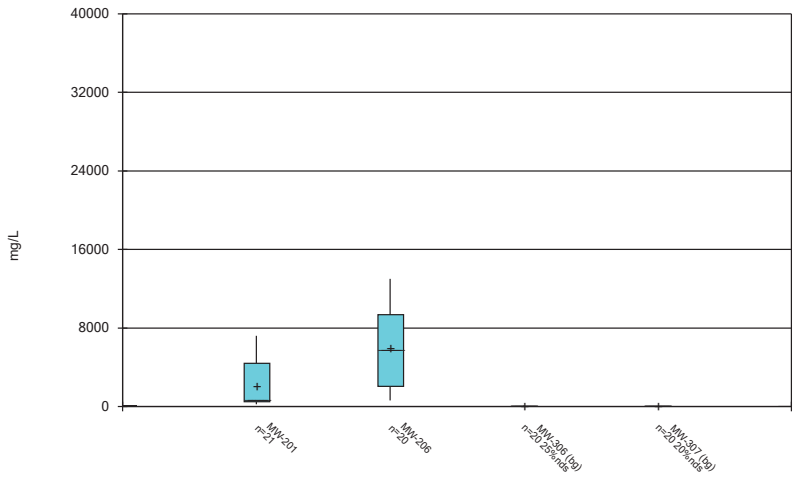
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

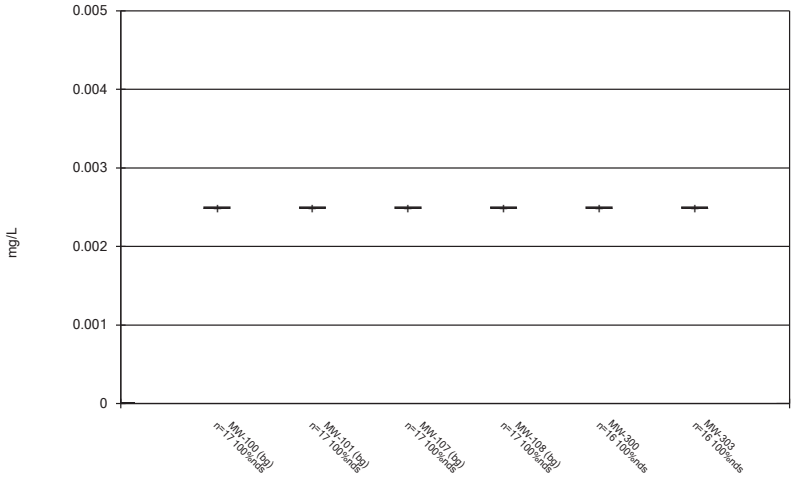
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

300 Series

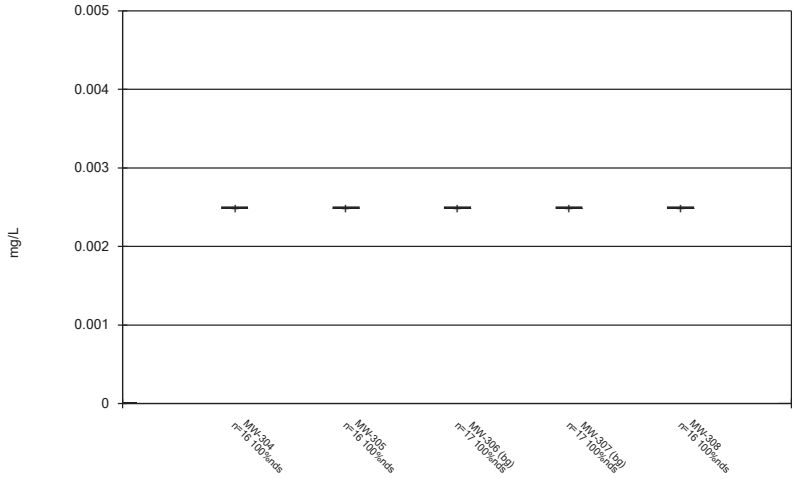
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

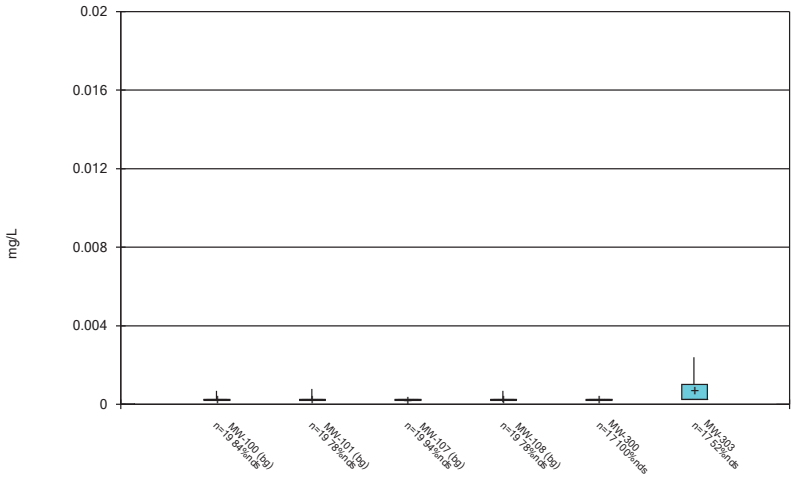
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

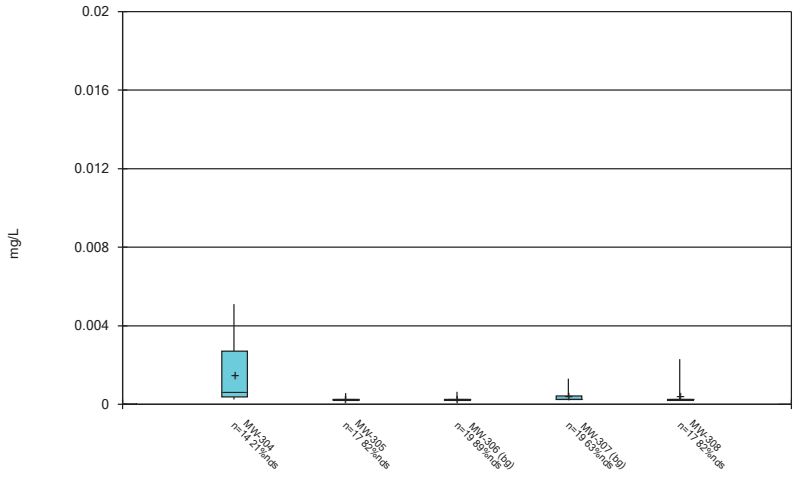
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

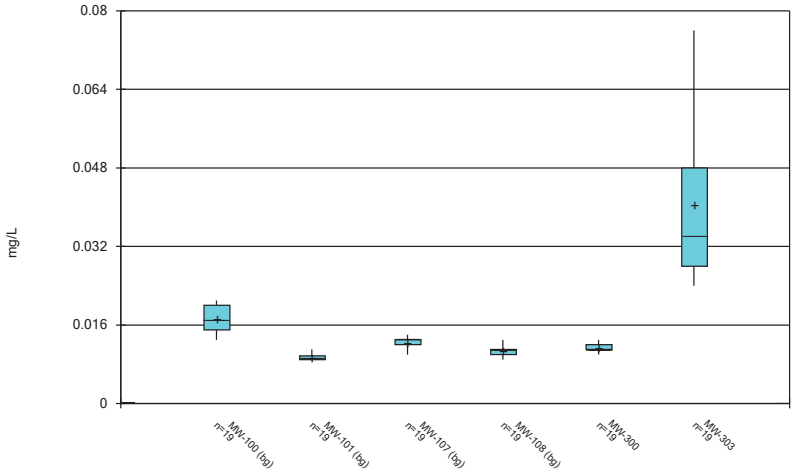
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

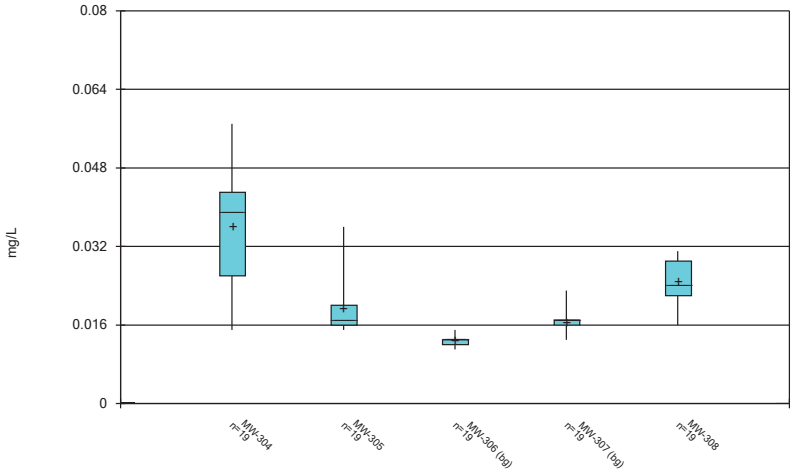
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

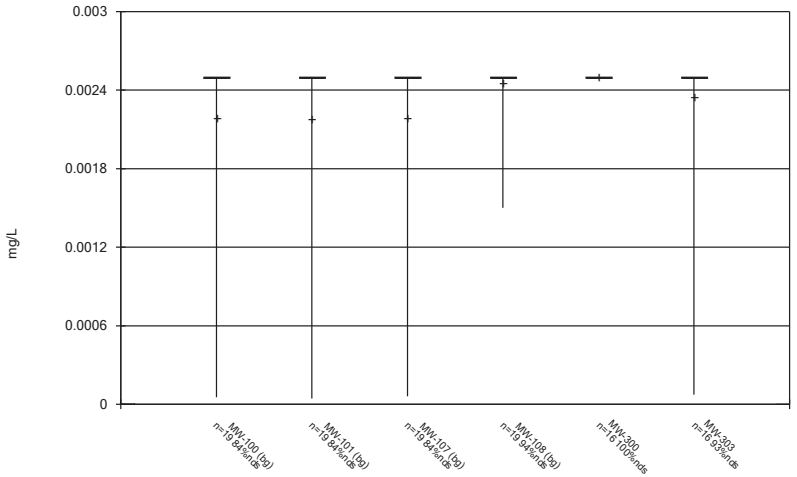
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

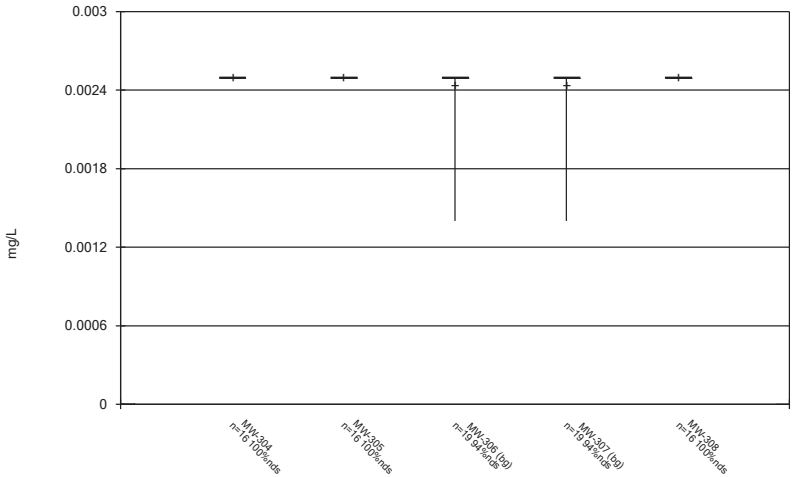
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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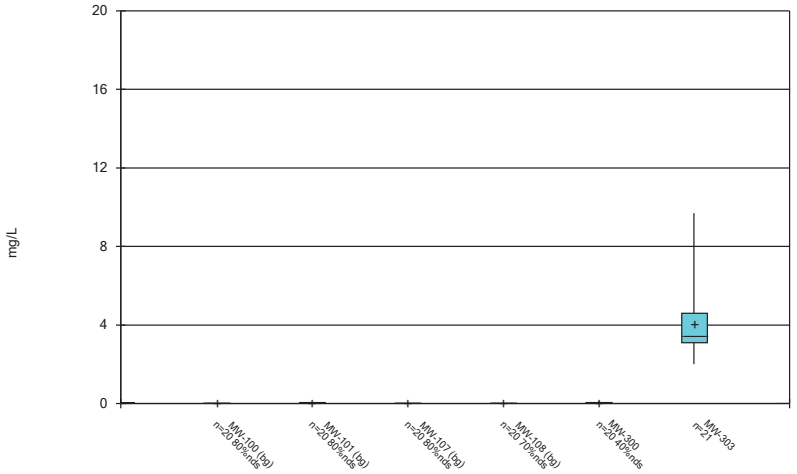
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

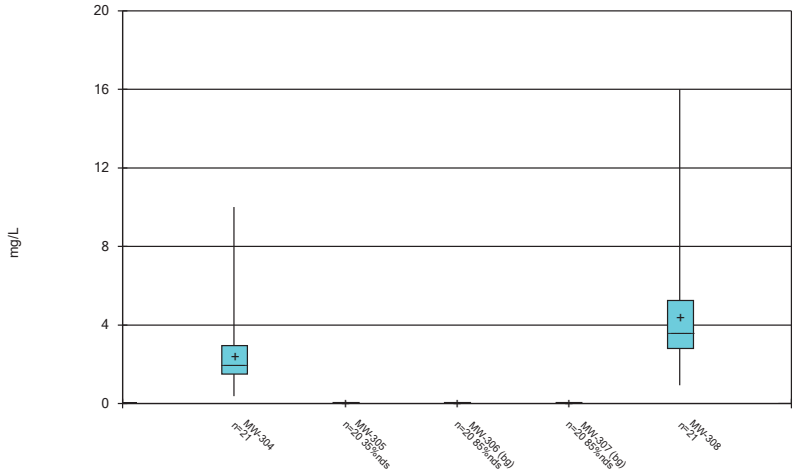
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

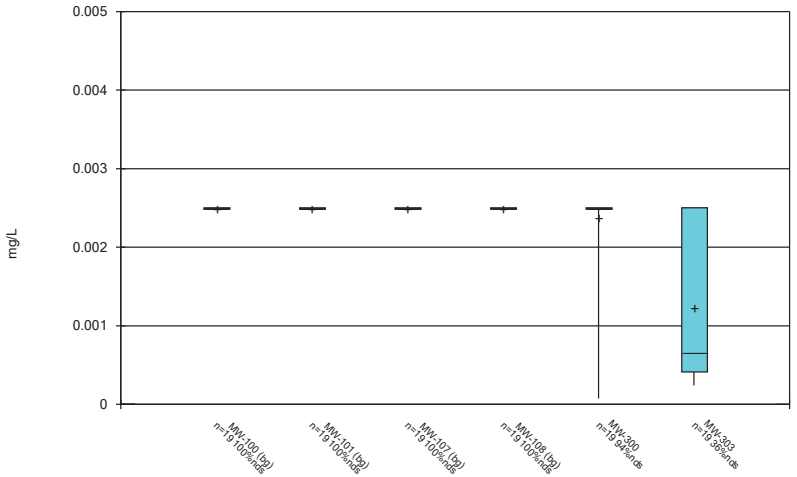
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

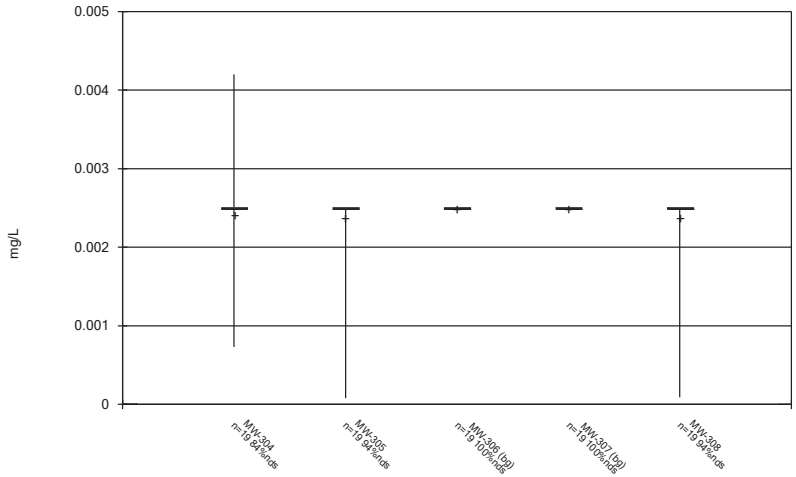
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

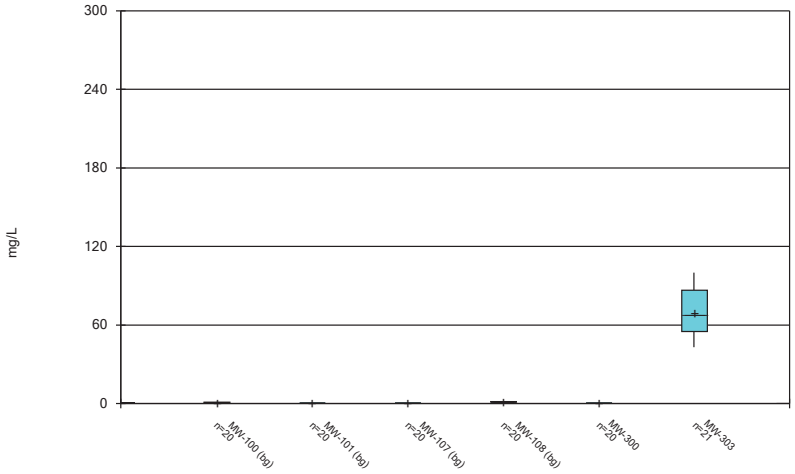
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

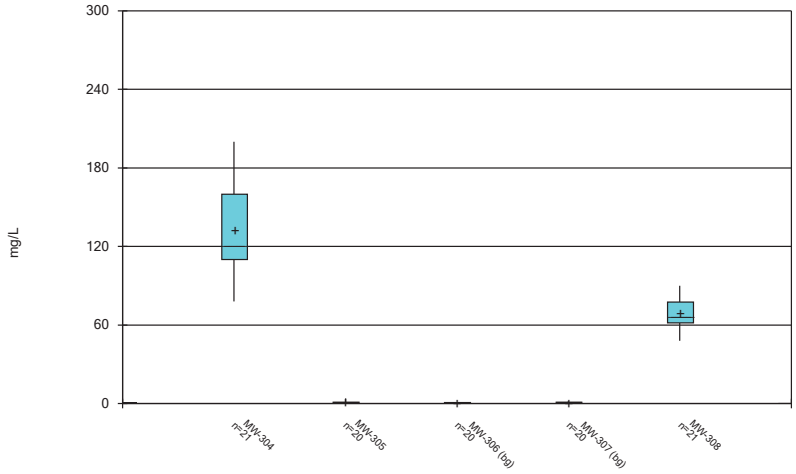
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

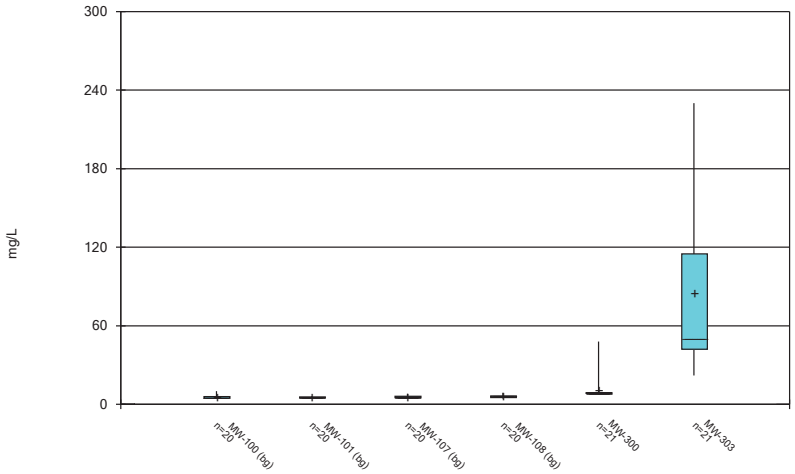
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

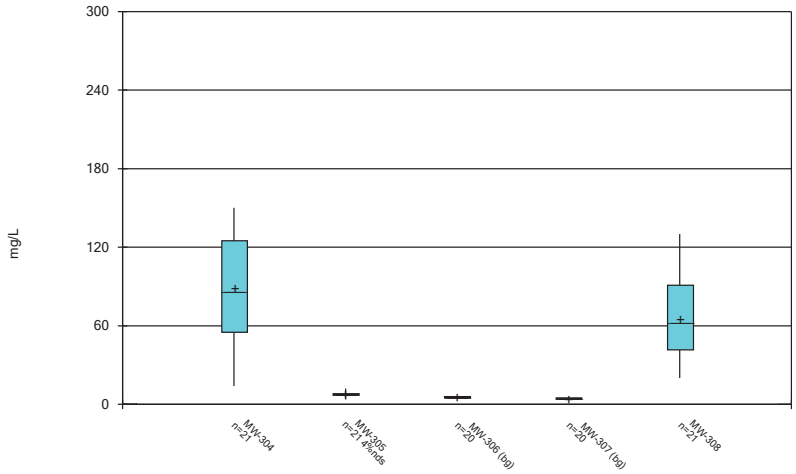
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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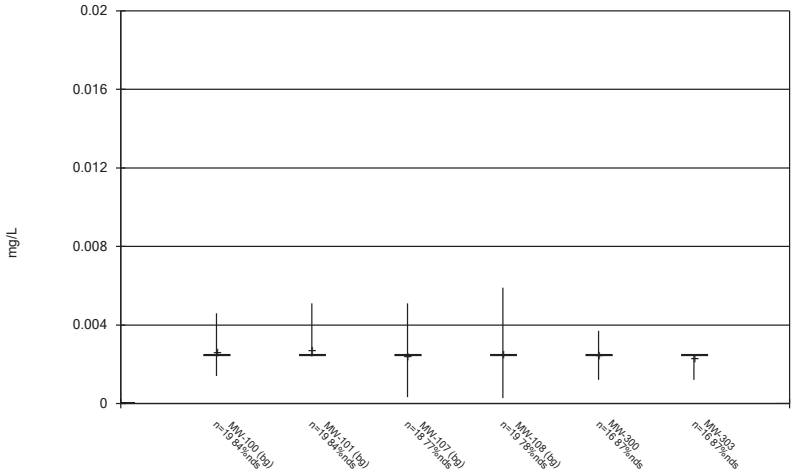
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

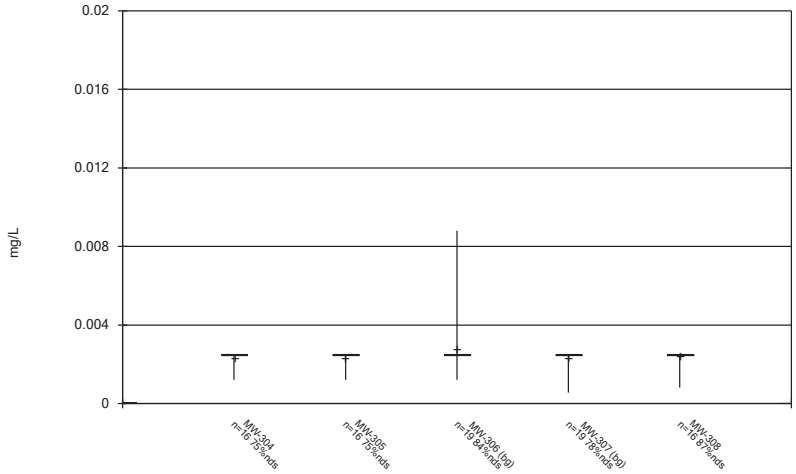
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

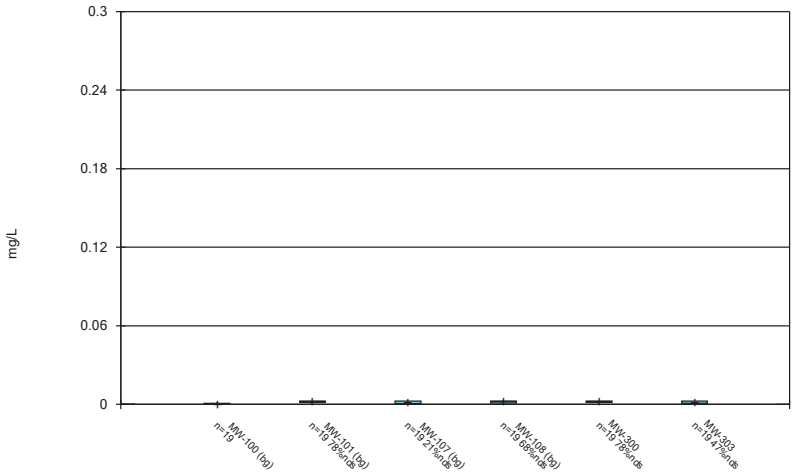
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

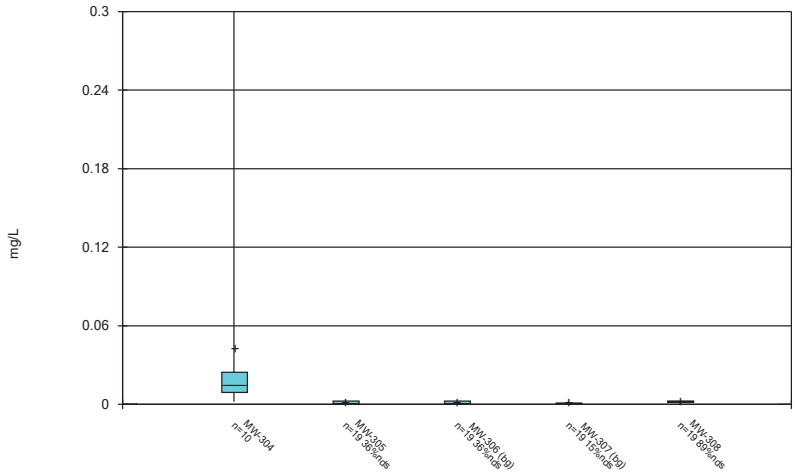
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

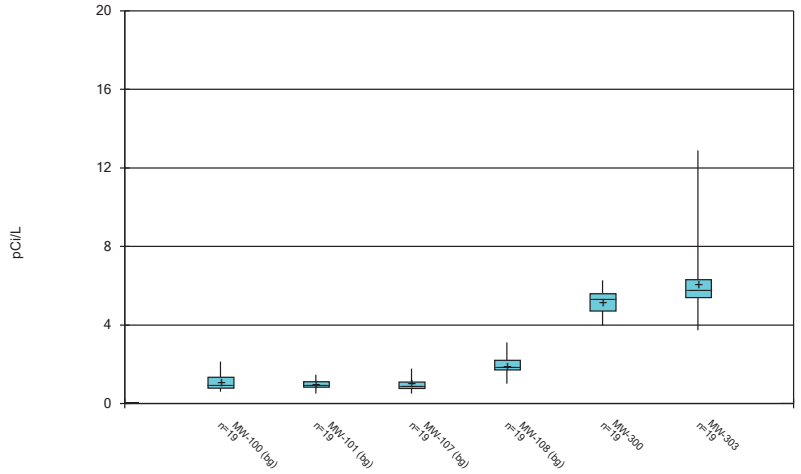
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

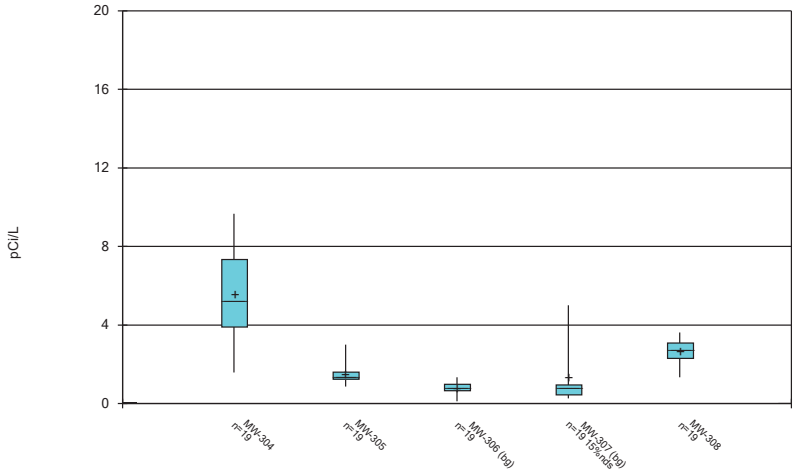
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

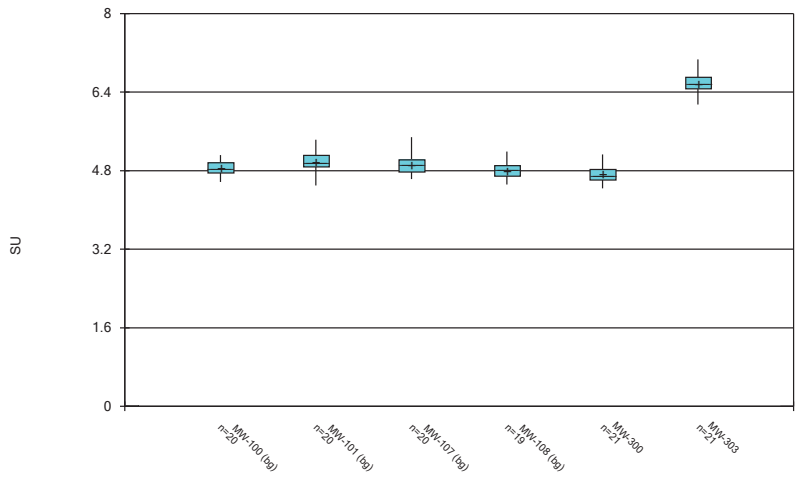
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

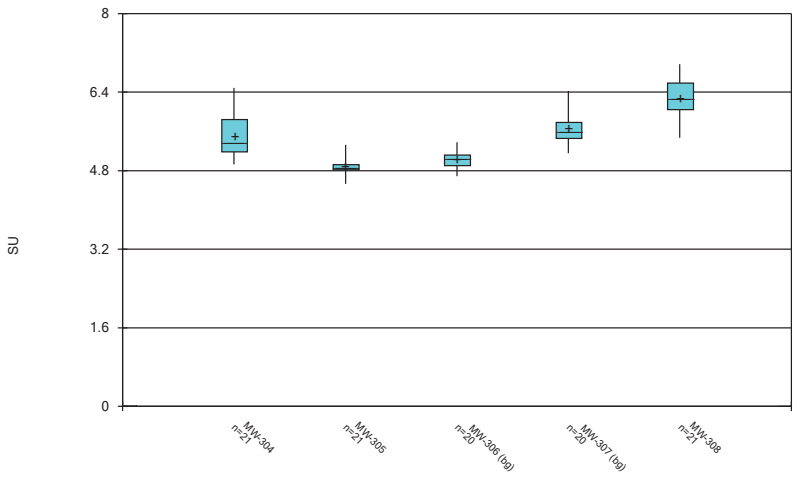
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

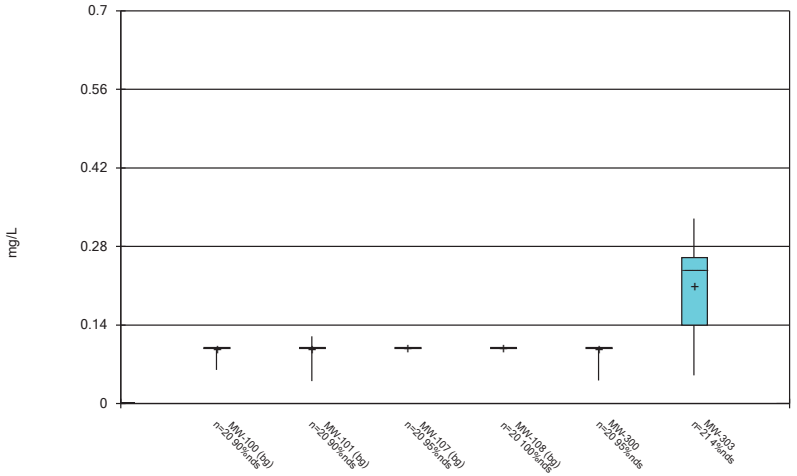
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

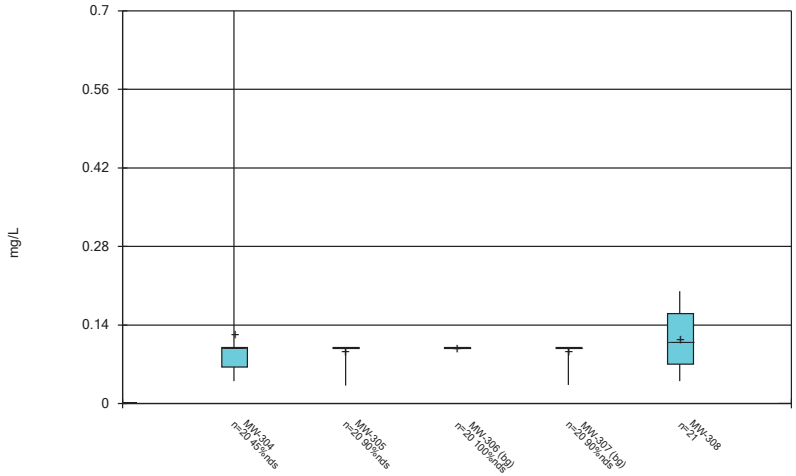
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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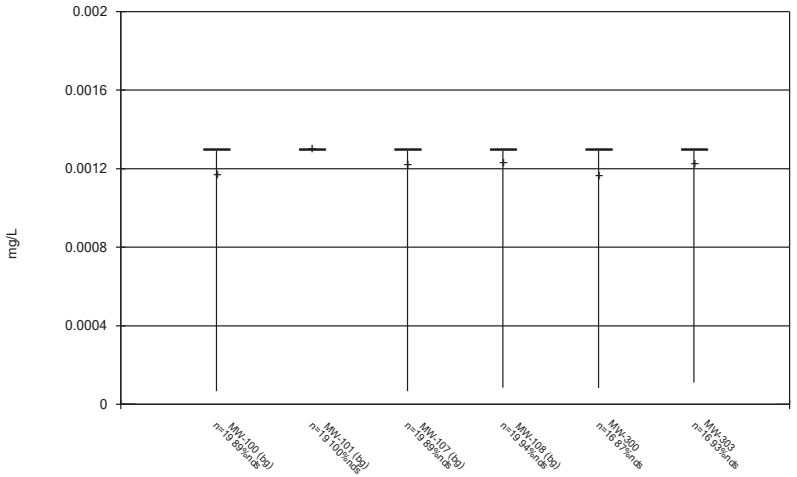
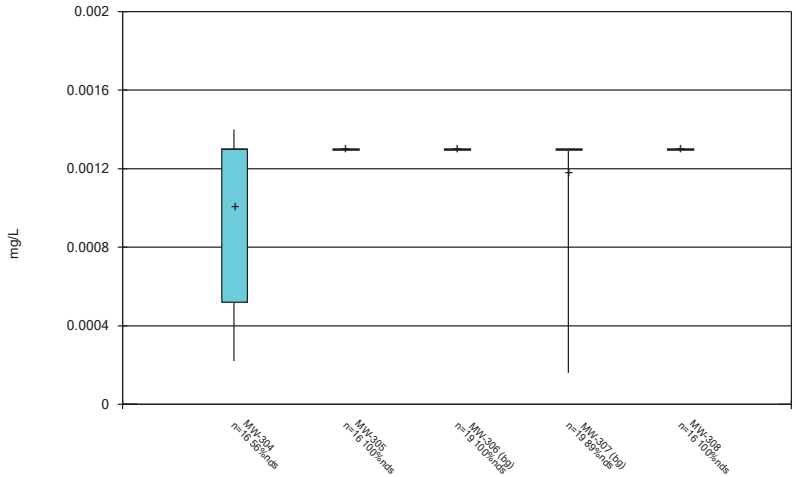
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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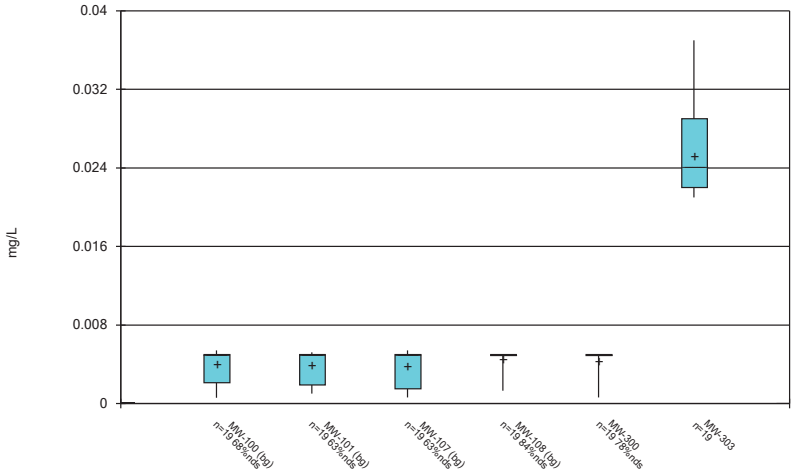
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

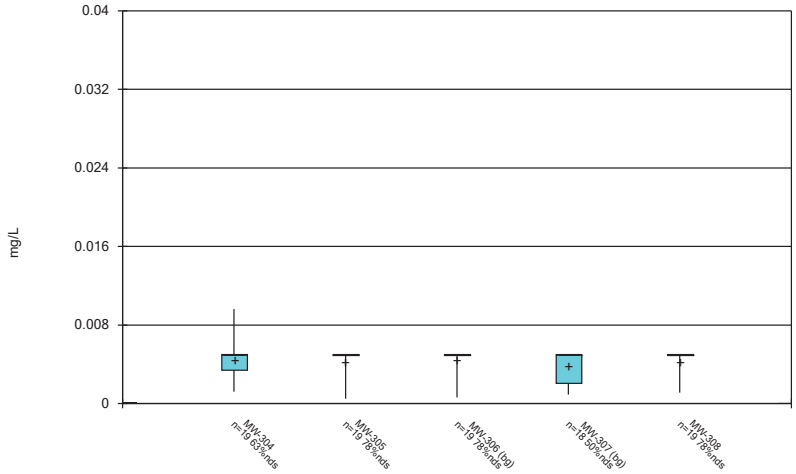
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

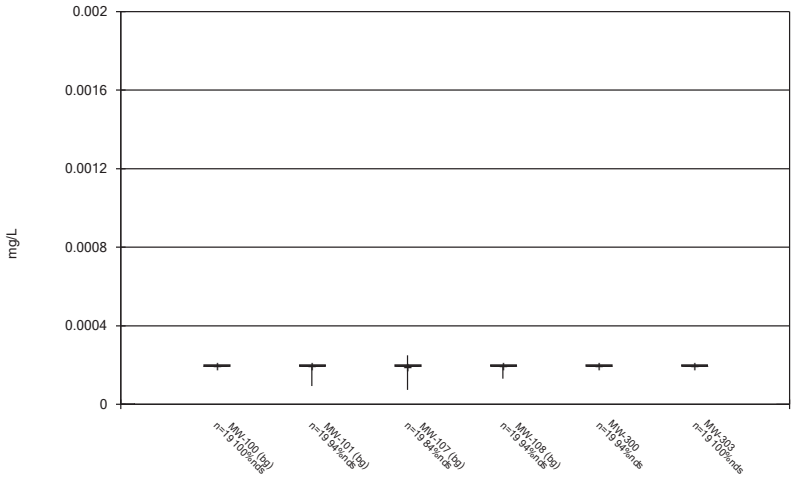
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

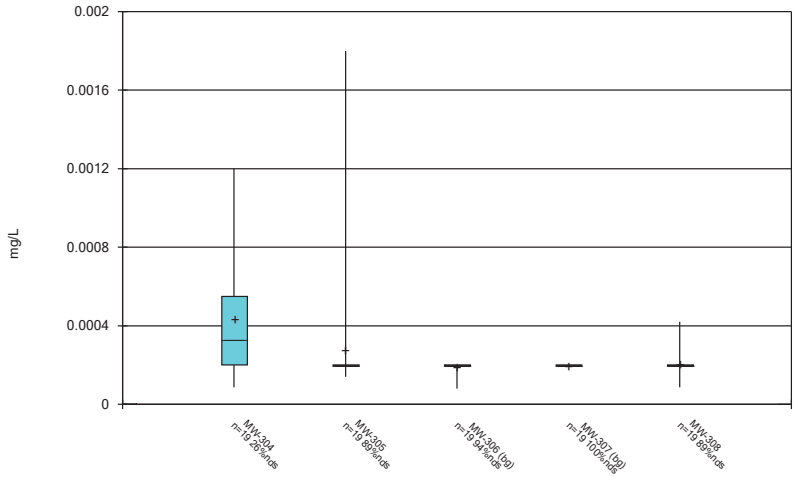
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

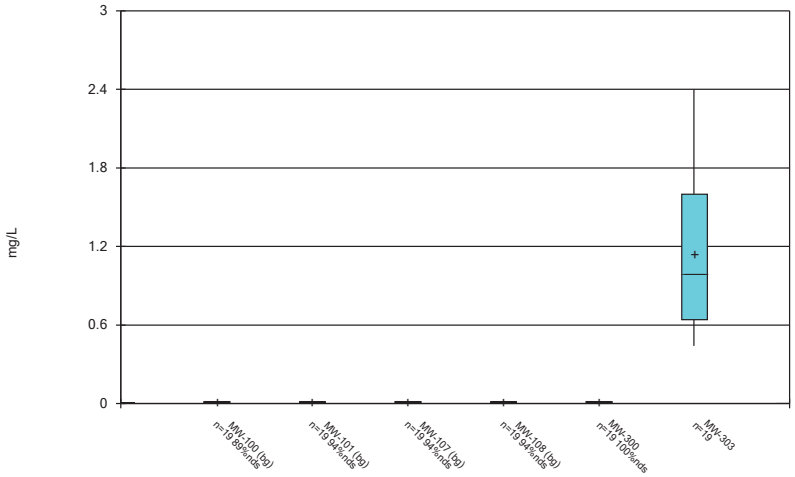
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

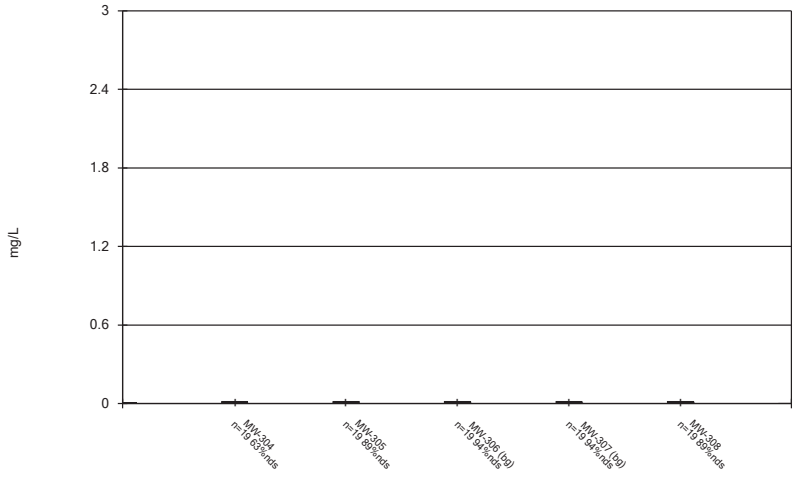
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

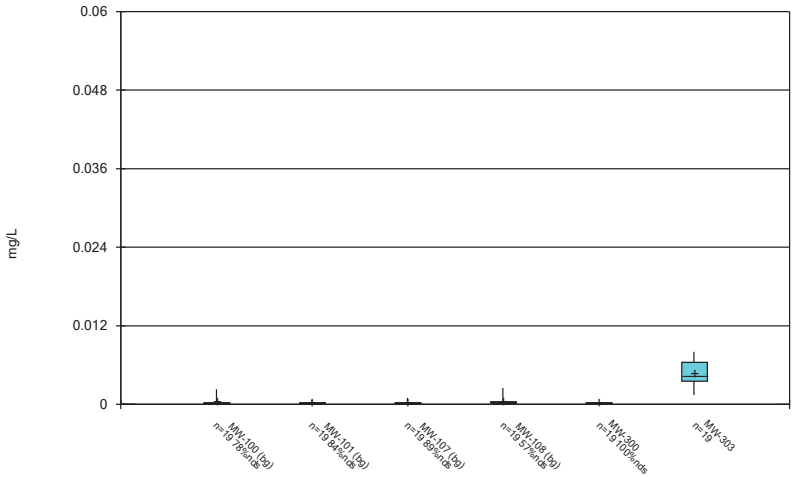
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

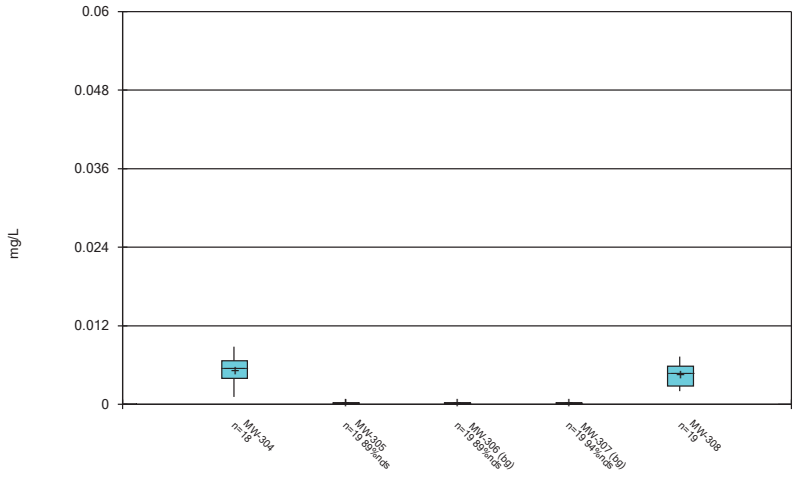
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

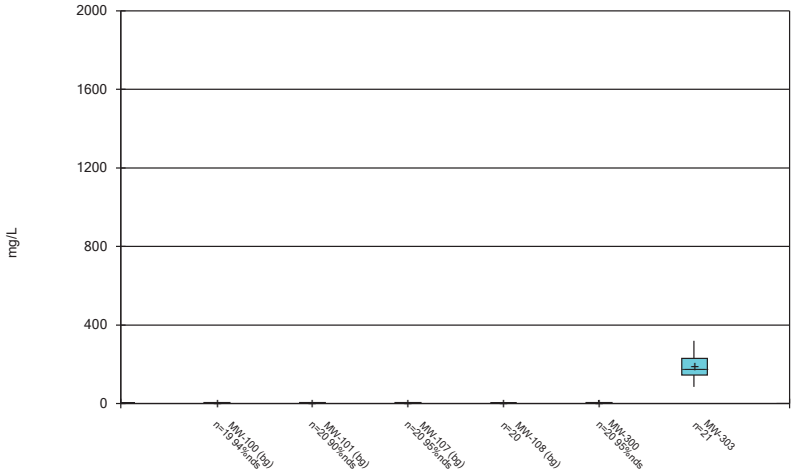
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

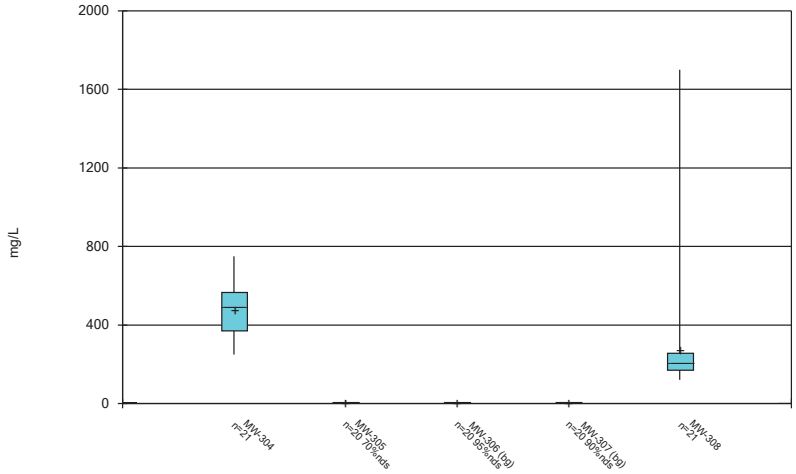
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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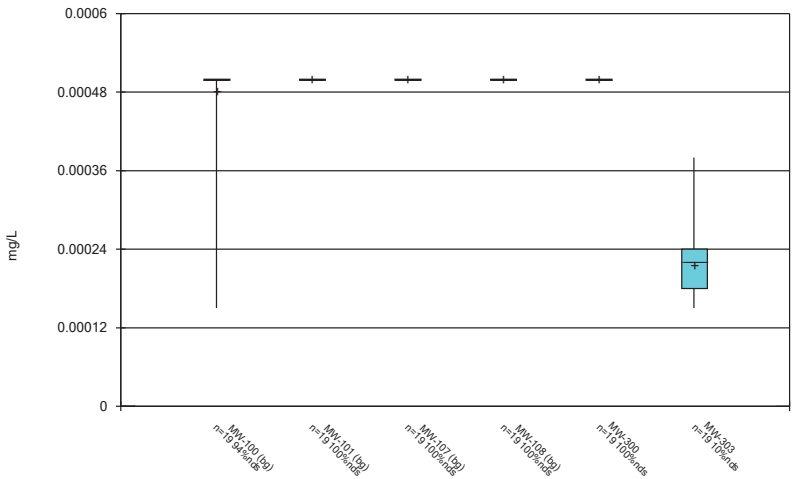
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

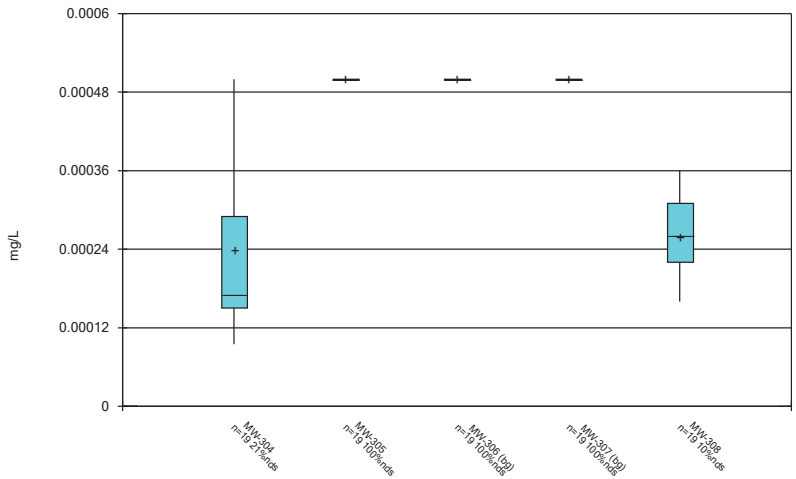
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

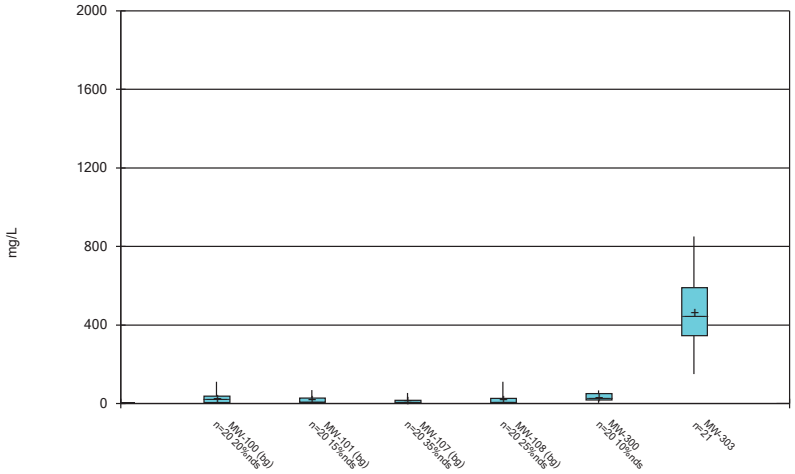
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

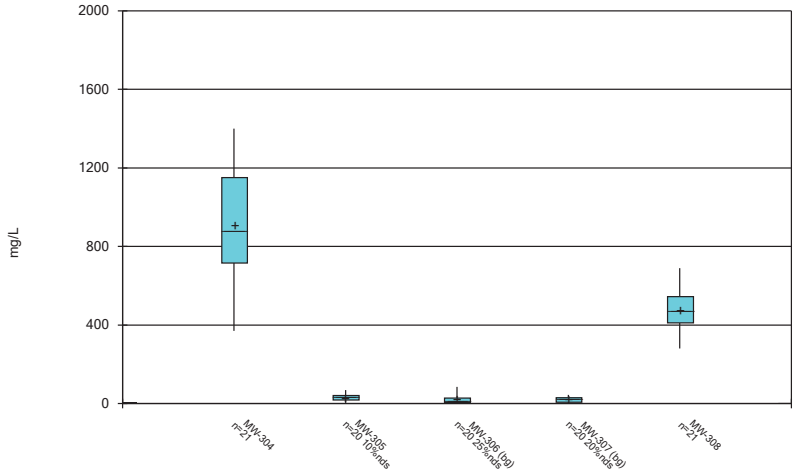
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

APPENDIX C

Statistical Analyses – September 2022
Semi-Annual Monitoring

FALL 2022

GROUNDWATER STATISTICAL ANALYSIS

FOR

GULF CLEAN ENERGY CENTER

Prepared by:

Groundwater Stats Consulting LLC

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GROUNDWATER STATS CONSULTING

January 17, 2023

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 2022 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 2022 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 did not represent the zone of groundwater quality downgradient of the site; therefore, these wells would not identify whether groundwater was 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 to naturally occurring groundwater quality in the region.

Note that due to matrix interference and dilution differences, varying reporting limits were observed during this analysis; therefore, historic reporting limits of 0.1 mg/L for fluoride, 0.005 mg/L for lithium, and 0.0013 mg/L for selenium were substituted for all non-detects across all wells.

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 downgradient wells affects 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, which are constructed using pooled upgradient well data, 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, 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 account for 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 except in the cases discussed earlier where historical reporting limits were substituted due to laboratory matrix interference during this analysis. Substitution of the most recent reporting limit is done on an individual well basis for intrawell prediction limits and confidence intervals; therefore, the reporting limit for a given constituent 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 prediction limits 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 data sets with non-normal distributions, 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 were recommended 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 were recommended for pH and interwell methods were recommended 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 are initially selected for the statistical method until further evidence shows that the higher downgradient 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, 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 remained excluded from statistical limits 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, 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 ranged from 5.62 s.u. to 4.71 s.u., which is in line with concentrations in neighboring wells and showed only a slight decrease in more recent data. Therefore, all background data sets were updated through March 2019, and will be re-evaluated during the next 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 2022

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 2022 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 are evaluated using interwell prediction limits for all constituents.

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 after screening for new outliers. Data from upgradient wells are periodically also re-screened for newly developing trends, which may require adjustment of the background period to eliminate the trend. No new outliers were identified during this analysis. All available upgradient well data through September 2022 were used to establish interwell prediction limits, based on a 1-of-2 resample plan, for all Appendix III parameters except 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. It was noted that the

reported observation for fluoride at well MW-305 is significantly higher than remaining measurements within this record which may be a result of laboratory or sampling procedures.

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 2022

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. 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 and MW-110
- 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

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

100% Non-Detects: 100 Series

Analysis Run 1/13/2023 12:55 AM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL 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-102, 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-104, MW-110

Thallium (mg/L)
MW-106

100% Non-Detects: 200 Series

Analysis Run 1/13/2023 1:39 AM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Antimony (mg/L)
MW-200

Chromium (mg/L)
MW-200, MW-206

100% Non-Detects: 300 Series

Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL 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-308

Lead (mg/L)
MW-308

Mercury (mg/L)
MW-303

Molybdenum (mg/L)
MW-300

Thallium (mg/L)
MW-300, MW-305

Date Ranges

Date: 1/13/2023 1:44 AM

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Cobalt (mg/L)

MW-304 overall:6/7/2018-9/12/2022

100 Series: Outlier Summary

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/3/2023, 2:43 PM

	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: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:22 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: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:49 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)	

Appendix III - Interwell Prediction Limits - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:06 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	9/9/2022	0.13	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-103	0.081	n/a	9/9/2022	0.22	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	9/9/2022	14	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	9/9/2022	0.5	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-106	0.081	n/a	9/8/2022	0.097	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	9/8/2022	0.45	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	9/9/2022	4.4	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-102	1.489	n/a	9/9/2022	12	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-103	1.489	n/a	9/9/2022	3.3	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.489	n/a	9/9/2022	110	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.489	n/a	9/9/2022	57	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-106	1.489	n/a	9/8/2022	1.6	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.489	n/a	9/8/2022	6	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.489	n/a	9/9/2022	26	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-102	7.077	n/a	9/9/2022	11	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.077	n/a	9/9/2022	140	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.077	n/a	9/8/2022	17	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.077	n/a	9/9/2022	84	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	9/9/2022	4.08	Yes	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-105	6.42	4.5	9/9/2022	6.47	Yes	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-102	5.5	n/a	9/9/2022	27	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5.5	n/a	9/9/2022	20	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5.5	n/a	9/9/2022	870	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5.5	n/a	9/9/2022	17	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5.5	n/a	9/8/2022	34	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5.5	n/a	9/9/2022	270	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	9/9/2022	1400	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	9/9/2022	200	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	9/9/2022	560	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:06 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**	**9/9/2022**	**0.13**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**9/9/2022**	**0.22**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**9/9/2022**	**14**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**9/9/2022**	**0.5**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-106**	**0.081**	**n/a**	**9/8/2022**	**0.097**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**9/8/2022**	**0.45**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**9/9/2022**	**4.4**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-102**	**1.489**	**n/a**	**9/9/2022**	**12**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-103**	**1.489**	**n/a**	**9/9/2022**	**3.3**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.489**	**n/a**	**9/9/2022**	**110**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.489**	**n/a**	**9/9/2022**	**57**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-106**	**1.489**	**n/a**	**9/8/2022**	**1.6**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-109**	**1.489**	**n/a**	**9/8/2022**	**6**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.489**	**n/a**	**9/9/2022**	**26**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-102**	**7.077**	**n/a**	**9/9/2022**	**11**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-103	7.077	n/a	9/9/2022	6.9	No	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-104**	**7.077**	**n/a**	**9/9/2022**	**140**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-105	7.077	n/a	9/9/2022	6.2	No	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-106	7.077	n/a	9/8/2022	3.3	No	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.077**	**n/a**	**9/8/2022**	**17**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.077**	**n/a**	**9/9/2022**	**84**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	9/9/2022	4.96	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	9/9/2022	5.19	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**9/9/2022**	**4.08**	**Yes**	**125**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002521**	**NP Inter (normality) 1 of 2**
Field pH (SU)	**MW-105**	**6.42**	**4.5**	**9/9/2022**	**6.47**	**Yes**	**125**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002521**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-106	6.42	4.5	9/8/2022	5	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	9/8/2022	4.82	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	9/9/2022	4.68	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-105	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	9/8/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	9/8/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-102**	**5.5**	**n/a**	**9/9/2022**	**27**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-103**	**5.5**	**n/a**	**9/9/2022**	**20**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5.5**	**n/a**	**9/9/2022**	**870**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5.5**	**n/a**	**9/9/2022**	**17**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5.5	n/a	9/8/2022	5ND	No	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5.5**	**n/a**	**9/8/2022**	**34**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5.5**	**n/a**	**9/9/2022**	**270**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	9/9/2022	62	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	9/9/2022	48	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**9/9/2022**	**1400**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001243**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**9/9/2022**	**200**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001243**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	9/8/2022	18	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	9/8/2022	80	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**9/9/2022**	**560**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001243**	**NP Inter (normality) 1 of 2**

Appendix III - Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:32 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**	**9/13/2022**	**7.2**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/13/2022**	**2.7**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/13/2022**	**9.1**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.388**	**n/a**	**9/13/2022**	**93**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.388**	**n/a**	**9/13/2022**	**82**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.388**	**n/a**	**9/13/2022**	**160**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.883**	**n/a**	**9/13/2022**	**180**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.883**	**n/a**	**9/13/2022**	**130**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.883**	**n/a**	**9/13/2022**	**300**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Sulfate (mg/L)	**MW-200**	**5.5**	**n/a**	**9/13/2022**	**130**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5.5**	**n/a**	**9/13/2022**	**95**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5.5**	**n/a**	**9/13/2022**	**160**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/13/2022**	**600**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/13/2022**	**530**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/13/2022**	**920**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**

Appendix III - Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:32 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**	**9/13/2022**	**7.2**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/13/2022**	**2.7**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/13/2022**	**9.1**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.388**	**n/a**	**9/13/2022**	**93**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.388**	**n/a**	**9/13/2022**	**82**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.388**	**n/a**	**9/13/2022**	**160**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.883**	**n/a**	**9/13/2022**	**180**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.883**	**n/a**	**9/13/2022**	**130**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.883**	**n/a**	**9/13/2022**	**300**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	9/13/2022	0.27J	No	126	n/a	n/a	94.44	n/a	n/a	0.0001246	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	9/13/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001246	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-206	0.12	n/a	9/13/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001246	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5.5**	**n/a**	**9/13/2022**	**130**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5.5**	**n/a**	**9/13/2022**	**95**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5.5**	**n/a**	**9/13/2022**	**160**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/13/2022**	**600**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/13/2022**	**530**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/13/2022**	**920**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**

Appendix III - Intrawell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:29 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**	**9/13/2022**	**4.88**	**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: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:29 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	9/7/2022	4.72	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	9/7/2022	4.89	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	9/7/2022	4.92	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	9/8/2022	4.78	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	9/13/2022	4.82	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	9/13/2022	4.76	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**	**9/13/2022**	**4.88**	**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	9/8/2022	4.87	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	9/8/2022	5.13	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: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:54 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	9/12/2022	5.2	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	9/12/2022	2.5	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-305	0.081	n/a	9/16/2022	0.23	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	9/12/2022	3	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.451	n/a	9/12/2022	74	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.451	n/a	9/12/2022	130	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-305	1.451	n/a	9/16/2022	58	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.451	n/a	9/12/2022	63	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	7.006	n/a	9/12/2022	7.1	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	7.006	n/a	9/12/2022	29	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	7.006	n/a	9/12/2022	64	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	7.006	n/a	9/16/2022	21	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	7.006	n/a	9/12/2022	40	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	9/16/2022	4.6	Yes	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5.5	n/a	9/12/2022	190	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5.5	n/a	9/12/2022	450	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5.5	n/a	9/16/2022	530	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5.5	n/a	9/12/2022	140	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	9/12/2022	460	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	9/12/2022	930	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-305	110	n/a	9/16/2022	770	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	9/12/2022	370	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:54 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	9/12/2022	0.05	No	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**9/12/2022**	**5.2**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**9/12/2022**	**2.5**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-305**	**0.081**	**n/a**	**9/16/2022**	**0.23**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**9/12/2022**	**3**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.451	n/a	9/12/2022	0.71	No	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.451**	**n/a**	**9/12/2022**	**74**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.451**	**n/a**	**9/12/2022**	**130**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-305**	**1.451**	**n/a**	**9/16/2022**	**58**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.451**	**n/a**	**9/12/2022**	**63**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**7.006**	**n/a**	**9/12/2022**	**7.1**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**7.006**	**n/a**	**9/12/2022**	**29**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**7.006**	**n/a**	**9/12/2022**	**64**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**7.006**	**n/a**	**9/16/2022**	**21**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**7.006**	**n/a**	**9/12/2022**	**40**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	9/12/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	9/12/2022	0.15J	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-304	0.12	n/a	9/12/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-305**	**0.12**	**n/a**	**9/16/2022**	**4.6**	**Yes**	**126**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-308	0.12	n/a	9/12/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-300	5.5	n/a	9/12/2022	5ND	No	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5.5**	**n/a**	**9/12/2022**	**190**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5.5**	**n/a**	**9/12/2022**	**450**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-305**	**5.5**	**n/a**	**9/16/2022**	**530**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**5.5**	**n/a**	**9/12/2022**	**140**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	9/12/2022	22	No	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**9/12/2022**	**460**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**9/12/2022**	**930**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-305**	**110**	**n/a**	**9/16/2022**	**770**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**9/12/2022**	**370**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**

Appendix III - Intrawell Prediction Limits - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:51 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-305**	**5.367**	**4.441**	**9/16/2022**	**3.8**	**Yes**	**14**	**4.904**	**0.2071**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Appendix III - Intrawell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:51 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	9/7/2022	4.72	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	9/7/2022	4.89	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	9/7/2022	4.92	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	9/8/2022	4.78	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	9/12/2022	4.64	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	9/12/2022	6.76	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	9/12/2022	6.13	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**	**9/16/2022**	**3.8**	**Yes**	**14**	**4.904**	**0.2071**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Field pH (SU)	MW-306	5.478	4.584	9/8/2022	4.87	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	9/8/2022	5.13	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	9/12/2022	6.58	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: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 12:28 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06335**	**116**	**87**	**Yes**	**21**	**19.05**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-103**	**-0.1377**	**-97**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-104**	**4.237**	**119**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**151**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-102**	**0.329**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.349**	**137**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-105**	**0.05938**	**114**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 12:28 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	20	87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-50	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-102	0	-19	-87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02497	-64	-92	No	22	13.64	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0	18	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	-0.004993	-4	-92	No	22	9.091	n/a	n/a	0.01	NP
Boron (mg/L)	MW-106	0	42	87	No	21	47.62	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-21	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	11	87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06335**	**116**	**87**	**Yes**	**21**	**19.05**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.1834	74	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.003994	-18	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-102	-0.06055	-56	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-103**	**-0.1377**	**-97**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-104**	**4.237**	**119**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-105	0	0	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-106	-0.01941	-30	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01275	-46	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**151**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	0.6129	23	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.01327	49	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.07515	26	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-102**	**0.329**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	4	92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.161	-81	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-80	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**2.349**	**137**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	0	1	92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.1601	72	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.01952	-35	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01247	-16	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01375	44	92	No	22	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-105**	**0.05938**	**114**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-107 (bg)	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	2	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01775	-30	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-11	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-24	-87	No	21	85.71	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-102	0	-8	-87	No	21	76.19	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.78	-92	-92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	30.39	46	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	-0.3837	-15	-92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-11	-87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-109	1.491	47	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	7.046	58	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	4	87	No	21	95.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	17	87	No	21	90.48	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.746	82	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9958	21	87	No	21	14.29	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	34.41	24	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	-7.663	-34	-92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.285	57	87	No	21	33.33	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.544	64	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	21.31	42	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.966	77	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.8038	19	87	No	21	19.05	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-200	-5.703	-180	-92	Yes	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-201	-4.389	-159	-92	Yes	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-206	-14.67	-203	-92	Yes	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04301	103	87	Yes	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.08717	109	87	Yes	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-200	-148.4	-188	-92	Yes	22	4.545	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-201	-115.9	-139	-92	Yes	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-206	-431.1	-219	-92	Yes	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-307 (bg)	-0.06256	-101	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-100 (bg)	0.2783	96	87	Yes	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-200	-255.1	-155	-92	Yes	22	4.545	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-201	-231	-109	-92	Yes	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-206	-881.6	-196	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.2017	104	87	Yes	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-206	0.1138	127	92	Yes	22	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-307 (bg)	-0.1231	-147	-87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.4895	122	87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-200	-51.31	-139	-92	Yes	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-201	-71.07	-166	-92	Yes	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-206	-103.1	-187	-92	Yes	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-200	-808.9	-189	-92	Yes	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-201	-654	-126	-92	Yes	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-206	-2117	-173	-87	Yes	21	0	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	20	87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-50	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-21	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	11	87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-5.703**	**-180**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-4.389**	**-159**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-14.67**	**-203**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.003994	-18	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01275	-46	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-148.4**	**-188**	**-92**	**Yes**	**22**	**4.545**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-115.9**	**-139**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-431.1**	**-219**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.01327	49	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.07515	26	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.161	-81	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-80	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-255.1**	**-155**	**-92**	**Yes**	**22**	**4.545**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-231**	**-109**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-881.6**	**-196**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-306 (bg)	0.1601	72	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.01952	-35	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01247	-16	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	2	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-206**	**0.1138**	**127**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-306 (bg)	-0.01775	-30	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-11	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-24	-87	No	21	85.71	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-11	-87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-51.31**	**-139**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-71.07**	**-166**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-103.1**	**-187**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	4	87	No	21	95.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	17	87	No	21	90.48	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.746	82	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9958	21	87	No	21	14.29	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.285	57	87	No	21	33.33	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.544	64	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-808.9**	**-189**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-654**	**-126**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2117**	**-173**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.966	77	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.8038	19	87	No	21	19.05	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:58 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-20.47**	**-113**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-305**	**6.155**	**89**	**87**	**Yes**	**21**	**9.524**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:58 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	20	87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-50	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-21	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	11	87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.05087	17	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2602	69	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-305	-0.00036	-21	-87	No	21	33.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.423	-67	-92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.003994	-18	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01275	-46	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-303	3.232	61	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	2.113	27	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-305	0.01469	12	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.01327	49	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-2.232	-54	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.07515	26	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.161	-81	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-80	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0	7	92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	-0.4784	-10	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-5.154	-31	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.1637	54	92	No	22	4.545	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.1601	72	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-308	2.274	19	92	No	22	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01952	-35	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01247	-16	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	2	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-305	-0.04509	-79	-92	No	22	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01775	-30	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-29	-87	No	21	90.48	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-87	No	21	90.48	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	87	No	21	95.24	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-305	0	23	87	No	21	85.71	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	5	87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-11	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-24	-87	No	21	85.71	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-11	-87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-303	0	11	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	7.028	10	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-305	0	33	87	No	21	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	4	87	No	21	95.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	17	87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-20.47**	**-113**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.746	82	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9958	21	87	No	21	14.29	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.285	57	87	No	21	33.33	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.544	64	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	12.72	22	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	9.695	13	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-305**	**6.155**	**89**	**87**	**Yes**	**21**	**9.524**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.966	77	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.8038	19	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-21	-65	-92	No	22	0	n/a	n/a	0.01	NP

Upper Tolerance Limits Summary Table

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:44 AM

Constituent	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	0.0025	n/a	n/a	n/a	n/a	108	100	n/a	0.003928	NP Inter(NDs)
Arsenic (mg/L)	0.0013	n/a	n/a	n/a	n/a	120	82.5	n/a	0.002122	NP Inter(NDs)
Barium (mg/L)	0.023	n/a	n/a	n/a	n/a	120	0	n/a	0.002122	NP Inter(normality)
Beryllium (mg/L)	0.0025	n/a	n/a	n/a	n/a	120	90	n/a	0.002122	NP Inter(NDs)
Cadmium (mg/L)	0.0025	n/a	n/a	n/a	n/a	120	100	n/a	0.002122	NP Inter(NDs)
Chromium (mg/L)	0.0088	n/a	n/a	n/a	n/a	119	82.35	n/a	0.002234	NP Inter(NDs)
Cobalt (mg/L)	0.0032	n/a	n/a	n/a	n/a	120	39.17	n/a	0.002122	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	2.476	n/a	n/a	n/a	n/a	120	2.5	x^(1/3)	0.05	Inter
Fluoride (mg/L)	0.12	n/a	n/a	n/a	n/a	126	94.44	n/a	0.00156	NP Inter(NDs)
Lead (mg/L)	0.0013	n/a	n/a	n/a	n/a	120	94.17	n/a	0.002122	NP Inter(NDs)
Lithium (mg/L)	0.0054	n/a	n/a	n/a	n/a	119	69.75	n/a	0.002234	NP Inter(normality)
Mercury (mg/L)	0.00025	n/a	n/a	n/a	n/a	120	95	n/a	0.002122	NP Inter(NDs)
Molybdenum (mg/L)	0.015	n/a	n/a	n/a	n/a	120	94.17	n/a	0.002122	NP Inter(NDs)
Selenium (mg/L)	0.0034	n/a	n/a	n/a	n/a	120	82.5	n/a	0.002122	NP Inter(NDs)
Thallium (mg/L)	0.0005	n/a	n/a	n/a	n/a	120	99.17	n/a	0.002122	NP Inter(NDs)

GULF CLEAN ENERGY CENTER GWPS				
Constituent Name	**MCL**	**CCR Rule-Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0025	0.006
Arsenic, Total (mg/L)	0.01		0.0013	0.01
Barium, Total (mg/L)	2		0.023	2
Beryllium, Total (mg/L)	0.004		0.0025	0.004
Cadmium, Total (mg/L)	0.005		0.0025	0.005
Chromium, Total (mg/L)	0.1		0.0088	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.0032	0.006
Combined Radium, Total (pCi/L)	5		2.48	5
Fluoride, Total (mg/L)	4		0.12	4
Lead, Total (mg/L)	0.015		0.0013	0.015
Lithium, Total (mg/L)	n/a	0.04	0.0054	0.04
Mercury, Total (mg/L)	0.002		0.00025	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.015	0.1
Selenium, Total (mg/L)	0.05		0.0034	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

MCL = Maximum Contaminant Level

GWPS = Groundwater Protection Standard

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02202**	**0.01538**	**0.006**	**Yes**	**20**	**0.005841**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**MW-110**	**0.01388**	**0.006484**	**0.006**	**Yes**	**20**	**0.006509**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.44**	**13.73**	**5**	**Yes**	**20**	**4.145**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.038**	**5.579**	**5**	**Yes**	**20**	**1.284**	**0**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.00562**	**0.003474**	**0.002**	**Yes**	**20**	**0.00189**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0013	0.0005	0.01	No	20	0.0001789	95	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.0021	0.00051	0.01	No	20	0.000358	85	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.006876	0.002669	0.01	No	20	0.003704	5	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0048	0.0036	0.01	No	20	0.001705	0	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.0013	0.0011	0.01	No	20	0.0002902	85	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.0013	0.00051	0.01	No	20	0.0004422	60	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.012	0.0086	2	No	20	0.004698	0	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.05644	0.03746	2	No	20	0.01671	0	No	0.01	Param.
Barium (mg/L)	MW-104	0.02643	0.02077	2	No	20	0.004978	0	No	0.01	Param.
Barium (mg/L)	MW-105	0.04514	0.03376	2	No	20	0.01002	0	No	0.01	Param.
Barium (mg/L)	MW-106	0.01191	0.01001	2	No	20	0.001833	0	ln(x)	0.01	Param.
Barium (mg/L)	MW-109	0.02291	0.01846	2	No	20	0.004112	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-110	0.04387	0.03243	2	No	20	0.01007	0	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0025	0.00011	0.004	No	20	0.0005344	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001167	0.0008105	0.004	No	20	0.0003135	10	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.0025	0.000044	0.004	No	20	0.0005492	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0025	0.00013	0.004	No	20	0.0007366	90	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.0025	0.00049	0.005	No	20	0.001018	50	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.0025	0.000078	0.005	No	20	0.0005416	95	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0025	0.00032	0.005	No	20	0.0007041	90	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.0012	0.1	No	20	0.001045	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.003	0.0011	0.1	No	20	0.001754	70	No	0.01	NP (normality)
Chromium (mg/L)	MW-104	0.002596	0.001851	0.1	No	20	0.0005284	25	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002475	0.001783	0.1	No	20	0.0006088	5	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0044	0.0019	0.1	No	20	0.0004522	90	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0061	0.0025	0.1	No	20	0.003083	90	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0025	0.0016	0.1	No	20	0.0006592	80	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00088	0.006	No	20	0.0007716	85	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00044	0.006	No	20	0.00102	65	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02202**	**0.01538**	**0.006**	**Yes**	**20**	**0.005841**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	20	0.0007528	85	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.00045	0.006	No	20	0.0009516	35	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.007506	0.003959	0.006	No	20	0.003124	0	No	0.01	Param.
Cobalt (mg/L)	**MW-110**	**0.01388**	**0.006484**	**0.006**	**Yes**	**20**	**0.006509**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-102	1.92	1.23	5	No	20	1.098	0	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-103	6.519	4.707	5	No	20	1.595	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.44**	**13.73**	**5**	**Yes**	**20**	**4.145**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.05	2.527	5	No	20	1.341	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.352	0.8137	5	No	20	0.4736	5	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	3.057	1.804	5	No	20	1.103	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.038**	**5.579**	**5**	**Yes**	**20**	**1.284**	**0**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.24	0.037	4	No	21	0.03412	90.48	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3495	0.2396	4	No	22	0.1024	4.545	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	21	0.02755	66.67	No	0.01	NP (normality)
Fluoride (mg/L)	MW-109	0.1	0.05	4	No	21	0.01091	95.24	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	21	0.02875	61.9	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.0013	0.00018	0.015	No	20	0.0003509	90	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.0013	0.00011	0.015	No	20	0.0002661	95	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002322	0.001868	0.015	No	20	0.0004006	0	No	0.01	Param.
Lead (mg/L)	MW-105	0.0013	0.00091	0.015	No	20	0.0002735	90	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.0013	0.00039	0.015	No	20	0.0002035	95	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.0013	0.0012	0.015	No	20	0.0003831	80	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0013	0.0004	0.015	No	20	0.000427	75	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.005	0.0014	0.04	No	20	0.001407	85	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.005	0.0017	0.04	No	20	0.001678	45	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03151	0.01962	0.04	No	20	0.01143	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.005	0.00039	0.04	No	20	0.001031	95	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.005	0.0035	0.04	No	20	0.00183	70	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006546	0.004974	0.04	No	20	0.001384	5	No	0.01	Param.
Lithium (mg/L)	MW-110	0.012	0.0073	0.04	No	20	0.01868	0	No	0.01	NP (normality)
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	20	0.00003263	90	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00016	0.002	No	20	0.00009731	85	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001262	0.0006784	0.002	No	20	0.0005135	0	No	0.01	Param.
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	20	0.00002683	95	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.00047	0.0002	0.002	No	20	0.0007373	60	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.00562**	**0.003474**	**0.002**	**Yes**	**20**	**0.00189**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.015	0.00091	0.1	No	20	0.003151	95	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.015	0.00092	0.1	No	20	0.003148	95	No	0.01	NP (NDs)

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Molybdenum (mg/L)	MW-105	0.005679	0.00376	0.1	No	20	0.00184	5	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.015	0.00068	0.1	No	20	0.003202	95	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.015	0.0009	0.1	No	20	0.003153	95	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.0013	0.001	0.05	No	20	0.0008583	70	No	0.01	NP (normality)
Selenium (mg/L)	MW-103	0.002672	0.001753	0.05	No	20	0.0008091	5	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01239	0.005906	0.05	No	20	0.005713	0	No	0.01	Param.
Selenium (mg/L)	MW-105	0.0013	0.0004	0.05	No	20	0.0004743	55	No	0.01	NP (normality)
Selenium (mg/L)	MW-106	0.0016	0.0013	0.05	No	20	0.00006708	95	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.002	0.00035	0.05	No	20	0.0004252	80	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003771	0.003239	0.05	No	20	0.0004685	0	No	0.01	Param.
Thallium (mg/L)	MW-102	0.0005	0.00021	0.002	No	20	0.00006485	95	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0005	0.00015	0.002	No	20	0.0001284	90	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003521	0.0002509	0.002	No	20	0.00008905	5	No	0.01	Param.
Thallium (mg/L)	MW-105	0.0005	0.00024	0.002	No	20	0.0001004	90	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0005	0.00012	0.002	No	20	0.00008497	95	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002885	0.0002365	0.002	No	20	0.00004587	10	No	0.01	Param.

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.36**	**7.577**	**5**	**Yes**	**20**	**6.851**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**14.34**	**7.484**	**5**	**Yes**	**20**	**7.593**	**0**	**ln(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**23.31**	**10.41**	**5**	**Yes**	**20**	**12.34**	**0**	**x^(1/3)**	**0.01**	**Param.**

Confidence Interval Summary Table - 200 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	18	0.0004851	88.89	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	18	0.00033	94.44	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.0029	0.00072	0.01	No	20	0.001587	30	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-201	0.0034	0.0009	0.01	No	20	0.002797	50	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.007731	0.002016	0.01	No	20	0.006202	15	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.05948	0.03305	2	No	20	0.02327	5	No	0.01	Param.
Barium (mg/L)	MW-201	0.06298	0.03762	2	No	20	0.02233	0	No	0.01	Param.
Barium (mg/L)	MW-206	0.09766	0.05495	2	No	20	0.03761	0	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	20	0.000549	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	20	0.0005436	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00055	0.004	No	20	0.0008777	80	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.00061	0.00039	0.005	No	19	0.0005228	68.42	No	0.01	NP (normality)
Cadmium (mg/L)	MW-201	0.005752	0.001795	0.005	No	20	0.005509	5	ln(x)	0.01	Param.
Cadmium (mg/L)	MW-206	0.0026	0.00065	0.005	No	20	0.00106	15	No	0.01	NP (normality)
Chromium (mg/L)	MW-201	0.0025	0.002	0.1	No	17	0.0003793	82.35	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0025	0.1	No	17	0.00002425	94.12	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0015	0.0005	0.006	No	20	0.00073	25	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-201	0.002556	0.001304	0.006	No	20	0.001285	5	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004179	0.002058	0.006	No	20	0.001868	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.36**	**7.577**	**5**	**Yes**	**20**	**6.851**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**14.34**	**7.484**	**5**	**Yes**	**20**	**7.593**	**0**	**ln(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**23.31**	**10.41**	**5**	**Yes**	**20**	**12.34**	**0**	**x^(1/3)**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.1	0.06	4	No	21	0.06599	23.81	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.6948	0.4271	4	No	22	0.2494	4.545	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.07592	0.05094	4	No	22	0.02473	13.64	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001515	0.0008565	0.015	No	20	0.0004757	25	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00057	0.015	No	20	0.0003942	65	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.0087	0.00076	0.015	No	20	0.004119	10	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	20	0.001649	80	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0062	0.0042	0.04	No	20	0.00692	20	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0029	0.04	No	20	0.001199	85	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.00195	0.0007598	0.002	No	20	0.001048	10	No	0.01	Param.
Mercury (mg/L)	MW-201	0.001253	0.0003046	0.002	No	20	0.001051	10	ln(x)	0.01	Param.
Mercury (mg/L)	MW-206	0.00036	0.00016	0.002	No	20	0.0002481	40	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-200	0.015	0.0078	0.1	No	18	0.001697	94.44	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.015	0.0015	0.1	No	18	0.003182	94.44	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.015	0.00092	0.1	No	18	0.003319	94.44	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01034	0.003893	0.05	No	20	0.005937	10	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.009815	0.003719	0.05	No	20	0.005623	5	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-206	0.01708	0.01013	0.05	No	20	0.006121	5	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0005	0.00018	0.002	No	20	0.0001728	40	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.0004291	0.0002379	0.002	No	20	0.0001684	15	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0007173	0.0003917	0.002	No	20	0.0002867	15	No	0.01	Param.

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.734**	**5.018**	**5**	**Yes**	**20**	**1.905**	**0**	**ln(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	**MW-303**	**1.453**	**0.7522**	**0.1**	**Yes**	**20**	**0.6168**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0015	0.00082	0.01	No	18	0.0004255	55.56	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.0035	0.00056	0.01	No	15	0.001559	26.67	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-305	0.00042	0.00025	0.01	No	18	0.02162	77.78	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.0023	0.0011	0.01	No	18	0.0003204	83.33	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.011	2	No	20	0.0007452	0	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04801	0.03137	2	No	20	0.01571	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04205	0.02885	2	No	20	0.01163	0	No	0.01	Param.
Barium (mg/L)	MW-305	0.026	0.016	2	No	20	0.007236	0	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02719	0.02181	2	No	20	0.004741	0	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.0025	0.000074	0.004	No	17	0.0005884	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-305	0.001	0.0005	0.004	No	17	0.0001213	94.12	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0025	0.000075	0.005	No	20	0.0005422	95	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0025	0.00041	0.005	No	20	0.001025	40	No	0.01	NP (normality)
Cadmium (mg/L)	MW-304	0.0042	0.001	0.005	No	20	0.0006549	85	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0029	0.000076	0.005	No	20	0.0005499	90	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0025	0.000089	0.005	No	20	0.0005391	95	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0012	0.1	No	17	0.0004423	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0014	0.1	No	17	0.0004001	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0021	0.1	No	17	0.000376	76.47	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0013	0.001	0.1	No	17	0.0004314	70.59	No	0.01	NP (normality)
Chromium (mg/L)	MW-308	0.0025	0.0022	0.1	No	17	0.0004094	88.24	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.0025	0.00093	0.006	No	20	0.0008687	80	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0025	0.00059	0.006	No	20	0.0009752	50	No	0.01	NP (normality)
Cobalt (mg/L)	MW-304	0.04327	0.005834	0.006	No	11	0.08645	0	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.0025	0.00045	0.006	No	20	0.00781	35	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.0025	0.00063	0.006	No	20	0.0005865	90	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.498	4.828	5	No	20	0.5897	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.734**	**5.018**	**5**	**Yes**	**20**	**1.905**	**0**	**ln(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-304	6.853	4.143	5	No	20	2.385	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.67	1.24	5	No	20	4.162	0	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-308	3.006	2.33	5	No	20	0.5948	0	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	21	0.01287	95.24	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2449	0.166	4	No	22	0.07347	4.545	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.06	4	No	21	0.1371	47.62	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	4.6	0.035	4	No	21	0.9836	85.71	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1392	0.08627	4	No	22	0.0493	4.545	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.00039	0.015	No	17	0.0003573	88.24	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.00011	0.015	No	17	0.0002886	94.12	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.0014	0.00048	0.015	No	17	0.0004162	58.82	No	0.01	NP (normality)
Lead (mg/L)	MW-305	0.0019	0.00025	0.015	No	17	0.0004002	94.12	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0036	0.04	No	20	0.001519	80	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02769	0.02159	0.04	No	20	0.006433	5	x^2	0.01	Param.
Lithium (mg/L)	MW-304	0.005	0.0034	0.04	No	20	0.001782	65	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.006	0.0025	0.04	No	20	0.001633	75	No	0.01	NP (normality)
Lithium (mg/L)	MW-308	0.005	0.0021	0.04	No	20	0.001489	80	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.0002	0.00019	0.002	No	20	0.000002236	95	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00055	0.0002	0.002	No	20	0.0003136	25	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.0018	0.00014	0.002	No	20	0.000612	85	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.00042	0.000087	0.002	No	20	0.00005647	90	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.453**	**0.7522**	**0.1**	**Yes**	**20**	**0.6168**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.015	0.0043	0.1	No	20	0.00552	65	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.015	0.0016	0.1	No	20	0.004325	90	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.015	0.0022	0.1	No	20	0.004867	85	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.0045	0.0013	0.05	No	20	0.0007155	95	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.006326	0.003714	0.05	No	20	0.0023	0	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006488	0.004196	0.05	No	19	0.001957	0	No	0.01	Param.
Selenium (mg/L)	MW-305	0.21	0.00077	0.05	No	20	0.04669	85	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.006204	0.003566	0.05	No	20	0.002322	0	No	0.01	Param.
Thallium (mg/L)	MW-303	0.00027	0.00018	0.002	No	20	0.0001165	15	No	0.01	NP (normality)
Thallium (mg/L)	MW-304	0.00029	0.00014	0.002	No	20	0.000154	25	No	0.01	NP (Cohens/xfrm)
Thallium (mg/L)	MW-308	0.0003543	0.0002367	0.002	No	20	0.0001035	15	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: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:06 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	9/9/2022	0.13	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-103	0.081	n/a	9/9/2022	0.22	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-104	0.081	n/a	9/9/2022	14	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-105	0.081	n/a	9/9/2022	0.5	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-106	0.081	n/a	9/8/2022	0.097	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-109	0.081	n/a	9/8/2022	0.45	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-110	0.081	n/a	9/9/2022	4.4	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-102	1.489	n/a	9/9/2022	12	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-103	1.489	n/a	9/9/2022	3.3	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-104	1.489	n/a	9/9/2022	110	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-105	1.489	n/a	9/9/2022	57	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-106	1.489	n/a	9/8/2022	1.6	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-109	1.489	n/a	9/8/2022	6	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Calcium (mg/L)	MW-110	1.489	n/a	9/9/2022	26	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-102	7.077	n/a	9/9/2022	11	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-104	7.077	n/a	9/9/2022	140	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-109	7.077	n/a	9/8/2022	17	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-110	7.077	n/a	9/9/2022	84	Yes	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Field pH (SU)	MW-104	6.42	4.5	9/9/2022	4.08	Yes	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-105	6.42	4.5	9/9/2022	6.47	Yes	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-102	5.5	n/a	9/9/2022	27	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-103	5.5	n/a	9/9/2022	20	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-104	5.5	n/a	9/9/2022	870	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-105	5.5	n/a	9/9/2022	17	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-109	5.5	n/a	9/8/2022	34	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-110	5.5	n/a	9/9/2022	270	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-104	110	n/a	9/9/2022	1400	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-105	110	n/a	9/9/2022	200	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-110	110	n/a	9/9/2022	560	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 100 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:06 AM

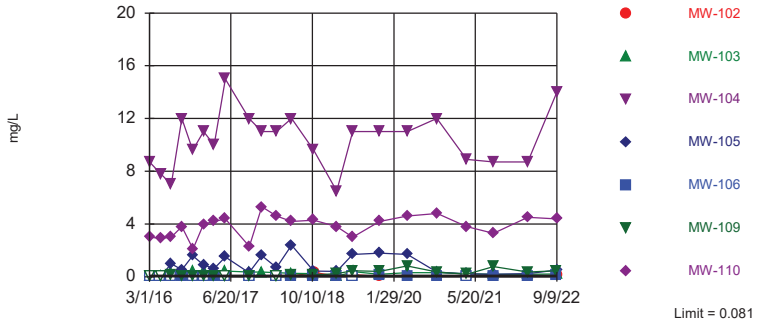
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-102**	**0.081**	**n/a**	**9/9/2022**	**0.13**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**9/9/2022**	**0.22**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-104**	**0.081**	**n/a**	**9/9/2022**	**14**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-105**	**0.081**	**n/a**	**9/9/2022**	**0.5**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-106**	**0.081**	**n/a**	**9/8/2022**	**0.097**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-109**	**0.081**	**n/a**	**9/8/2022**	**0.45**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-110**	**0.081**	**n/a**	**9/9/2022**	**4.4**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-102**	**1.489**	**n/a**	**9/9/2022**	**12**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-103**	**1.489**	**n/a**	**9/9/2022**	**3.3**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-104**	**1.489**	**n/a**	**9/9/2022**	**110**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-105**	**1.489**	**n/a**	**9/9/2022**	**57**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-106**	**1.489**	**n/a**	**9/8/2022**	**1.6**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-109**	**1.489**	**n/a**	**9/8/2022**	**6**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-110**	**1.489**	**n/a**	**9/9/2022**	**26**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-102**	**7.077**	**n/a**	**9/9/2022**	**11**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-103	7.077	n/a	9/9/2022	6.9	No	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-104**	**7.077**	**n/a**	**9/9/2022**	**140**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-105	7.077	n/a	9/9/2022	6.2	No	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	MW-106	7.077	n/a	9/8/2022	3.3	No	126	5.26	0.9732	0	None	No	0.001075	Param Inter 1 of 2
Chloride (mg/L)	**MW-109**	**7.077**	**n/a**	**9/8/2022**	**17**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-110**	**7.077**	**n/a**	**9/9/2022**	**84**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001075**	**Param Inter 1 of 2**
Field pH (SU)	MW-102	6.42	4.5	9/9/2022	4.96	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-103	6.42	4.5	9/9/2022	5.19	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	**MW-104**	**6.42**	**4.5**	**9/9/2022**	**4.08**	**Yes**	**125**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002521**	**NP Inter (normality) 1 of 2**
Field pH (SU)	**MW-105**	**6.42**	**4.5**	**9/9/2022**	**6.47**	**Yes**	**125**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002521**	**NP Inter (normality) 1 of 2**
Field pH (SU)	MW-106	6.42	4.5	9/8/2022	5	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-109	6.42	4.5	9/8/2022	4.82	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Field pH (SU)	MW-110	6.42	4.5	9/9/2022	4.68	No	125	n/a	n/a	0	n/a	n/a	0.0002521	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-102	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-103	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-104	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-105	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-106	0.12	n/a	9/8/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-109	0.12	n/a	9/8/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-110	0.12	n/a	9/9/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001243	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-102**	**5.5**	**n/a**	**9/9/2022**	**27**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-103**	**5.5**	**n/a**	**9/9/2022**	**20**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-104**	**5.5**	**n/a**	**9/9/2022**	**870**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-105**	**5.5**	**n/a**	**9/9/2022**	**17**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	MW-106	5.5	n/a	9/8/2022	5ND	No	125	n/a	n/a	75.2	n/a	n/a	0.0001261	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-109**	**5.5**	**n/a**	**9/8/2022**	**34**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-110**	**5.5**	**n/a**	**9/9/2022**	**270**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001261**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-102	110	n/a	9/9/2022	62	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-103	110	n/a	9/9/2022	48	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-104**	**110**	**n/a**	**9/9/2022**	**1400**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001243**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-105**	**110**	**n/a**	**9/9/2022**	**200**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001243**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	MW-106	110	n/a	9/8/2022	18	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-109	110	n/a	9/8/2022	80	No	126	n/a	n/a	22.22	n/a	n/a	0.0001243	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-110**	**110**	**n/a**	**9/9/2022**	**560**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001243**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 126 background values. 76.19% NDs. Annual per-constituent alpha = 0.001739. Individual comparison alpha = 0.0001243 (1 of 2). Comparing 7 points to limit.

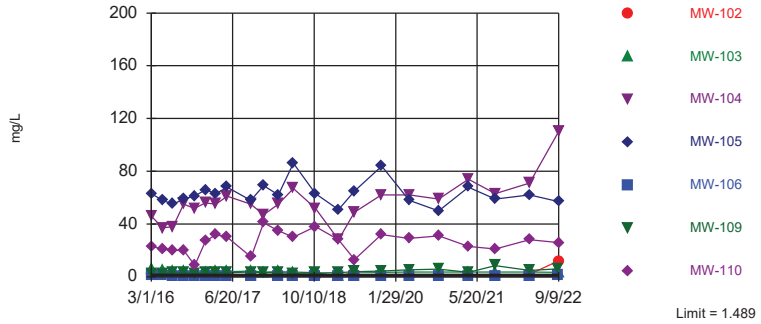
Constituent: Boron Analysis Run 1/13/2023 2:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Exceeds Limit: MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8959, Std. Dev.=0.1317, n=126. Normality test: Chi Squared @alpha = 0.01, calculated = 12.73, critical = 14.07. Kappa = 1.867 (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.

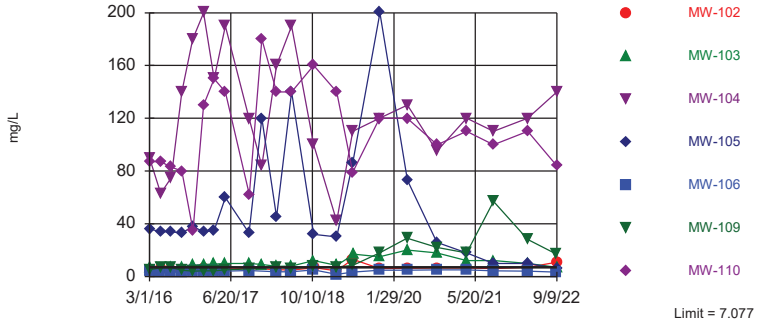
Constituent: Calcium Analysis Run 1/13/2023 2:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Exceeds Limit: MW-102, MW-104, MW-109, MW-110

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.26, Std. Dev.=0.9732, n=126. Normality test: Chi Squared @alpha = 0.01, calculated = 11.3, critical = 14.07. Kappa = 1.867 (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.

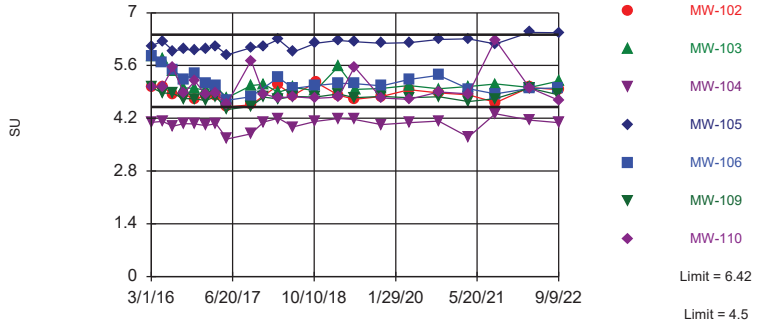
Constituent: Chloride Analysis Run 1/13/2023 2:05 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Exceeds Limits: MW-104, MW-105

Prediction Limit

Interwell Non-parametric



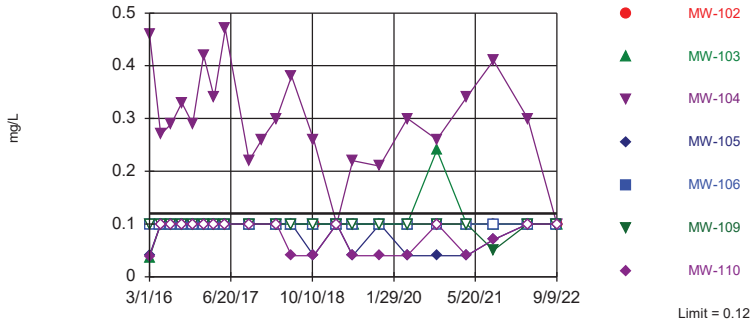
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 125 background values. Annual per-constituent alpha = 0.003527. Individual comparison alpha = 0.0002521 (1 of 2). Comparing 7 points to limit.

Constituent: Field pH Analysis Run 1/13/2023 2:05 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



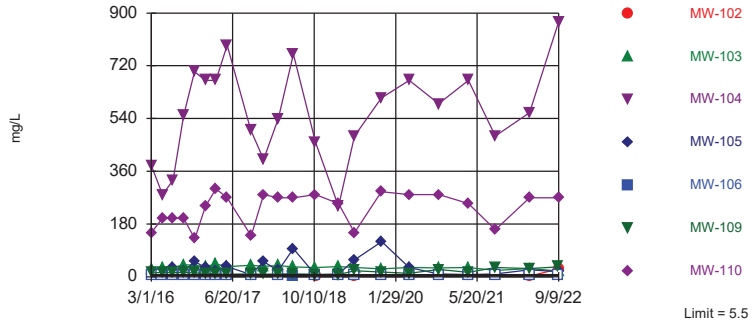
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 126 background values. 94.44% NDs. Annual per-constituent alpha = 0.001739. Individual comparison alpha = 0.0001243 (1 of 2). Comparing 7 points to limit.

Constituent: Fluoride Analysis Run 1/13/2023 2:05 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-102, MW-103, MW-104, MW-105, MW-109, MW-110

Prediction Limit

Interwell Non-parametric



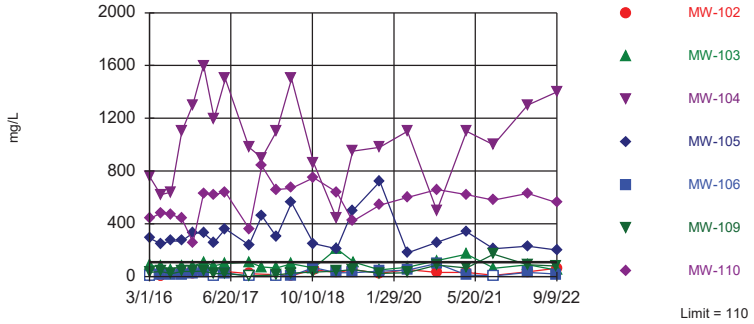
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 125 background values. 75.2% NDs. Annual per-constituent alpha = 0.001764. Individual comparison alpha = 0.0001261 (1 of 2). Comparing 7 points to limit.

Constituent: Sulfate Analysis Run 1/13/2023 2:05 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.
Exceeds Limit: MW-104, MW-105, MW-110

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 126 background values. 22.22% NDs. Annual per-constituent alpha = 0.001739. Individual comparison alpha = 0.0001243 (1 of 2). Comparing 7 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 2:05 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05 (*)	8.7	<0.05	<0.05	<0.05
3/2/2016									
5/2/2016	<0.05	<0.05	<0.05						<0.05
5/3/2016								<0.05	
5/4/2016				<0.05					
5/5/2016					<0.05 (*)	7.8	<0.05		
7/5/2016	<0.05	<0.05	<0.05					<0.05	<0.05
7/7/2016					1	7	<0.05		
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05	<0.05
9/7/2016					0.53	12			
11/7/2016	<0.05	<0.05	<0.05					<0.05	<0.05
11/9/2016					1.6	9.6			
11/10/2016				<0.05			<0.05		
1/9/2017	<0.05	<0.05	<0.05					<0.05	<0.05
1/11/2017				<0.05	0.9	11			
1/12/2017							<0.05		
3/13/2017	<0.05	<0.05	0.022 (J)					<0.05	<0.05
3/14/2017				<0.05	0.63	10			
3/15/2017							<0.05		
5/15/2017	<0.05	<0.05	<0.05					<0.05	<0.05
5/18/2017				<0.05	1.5	15	<0.05		
10/2/2017	<0.05	<0.05	0.023 (J)					<0.05	<0.05
10/5/2017				<0.05	0.32	12			
10/6/2017							<0.05		
12/19/2017					1.6 (R)	11 (R)			
3/12/2018	<0.05	<0.05	<0.05					<0.05	<0.05
3/14/2018				<0.05	0.7	11	<0.05		
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018								<0.05	<0.05
6/10/2018				<0.05	2.4	12			
6/11/2018							<0.05		
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018								<0.05	<0.05
10/18/2018				0.081	0.43	9.6			
10/19/2018							0.34		
2/27/2019	<0.05	<0.05	<0.05	<0.05				<0.05	<0.05
3/1/2019					0.4	6.5			
3/2/2019							<0.05		
5/31/2019	<0.05	<0.05	<0.05	<0.05				<0.05	<0.05
6/3/2019					1.7	11	0.17		
6/11/2019									
11/6/2019	0.017 (V)	0.016 (V)	0.022 (V)	0.016 (V)				0.011 (V)	0.0099 (J)
11/7/2019						11			
11/9/2019					1.8		0.023 (J)		
4/16/2020	0.02	0.013	0.017	0.013				0.0075 (J)	0.0055 (J)
4/17/2020									
4/18/2020					1.7	11	0.012		
10/7/2020	<0.05	<0.05	<0.05	<0.05				<0.05	<0.05
10/8/2020					0.37	12	0.033 (J)		
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.05	<0.05	<0.05	<0.05				<0.05	<0.05
3/30/2021					0.22		<0.05		
3/31/2021						8.9			
9/2/2021	0.021 (J)	0.018 (J)	0.022 (J)	<0.05				<0.05	<0.05
9/3/2021					0.2	8.7			
9/7/2021							<0.05		
3/22/2022	0.013	0.013	0.017	0.012				0.009 (J)	0.0063 (J)
3/23/2022					0.23	8.7	0.017		
3/24/2022									
9/7/2022	0.031 (J)	0.031 (J)		0.029 (J)					
9/8/2022			0.055					0.027 (J)	0.025 (J)
9/9/2022					0.5	14	0.13		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	<0.05 (*)	<0.05		
3/2/2016			3	<0.05 (*)
5/2/2016				
5/3/2016				
5/4/2016		<0.05 (*)		
5/5/2016	<0.05 (*)		2.9	<0.05 (*)
7/5/2016				
7/7/2016	0.33		3	0.1
7/8/2016		<0.05		
9/6/2016				
9/7/2016	0.37	0.022 (J)	3.8	0.073
11/7/2016				
11/9/2016		<0.05		
11/10/2016	0.43		2.1	0.073
1/9/2017				
1/11/2017		<0.05		
1/12/2017	0.44		4	0.059
3/13/2017				
3/14/2017		0.071		0.044 (J)
3/15/2017	0.46		4.2	
5/15/2017				
5/18/2017	0.44	<0.05 (*)	4.4	<0.05 (*)
10/2/2017				
10/5/2017		<0.05		0.047 (J)
10/6/2017	0.37		2.3	
12/19/2017	0.35 (R)		5.3 (R)	
3/12/2018				
3/14/2018	0.32	<0.05	4.6	<0.05
6/5/2018				
6/6/2018				
6/10/2018		0.066		
6/11/2018	0.26		4.2	0.11
10/16/2018				
10/17/2018				
10/18/2018	0.25	0.067	4.3	0.15
10/19/2018				
2/27/2019				
3/1/2019		0.048 (J)	3.8	0.23
3/2/2019	<0.05			
5/31/2019				
6/3/2019		<0.05	3	0.45
6/11/2019	0.39			
11/6/2019				
11/7/2019	0.19		4.2	0.42
11/9/2019		0.097 (V)		
4/16/2020				
4/17/2020	0.31	0.07	4.6	0.83
4/18/2020				
10/7/2020				
10/8/2020	0.31	0.031 (J)		
10/9/2020			4.8	0.37

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
3/29/2021				
3/30/2021	0.23	<0.05		
3/31/2021			3.8	0.2
9/2/2021				
9/3/2021		0.021 (J)	3.3	0.77
9/7/2021	0.19			
3/22/2022				
3/23/2022		0.0074 (J)	4.5	0.36
3/24/2022	0.2			
9/7/2022				
9/8/2022		0.097		0.45
9/9/2022	0.22		4.4	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	
3/22/2022	0.9	0.33	1.6	0.38					0.81
3/23/2022					62	71		2	
3/24/2022							3.6		
9/7/2022	1	0.61		0.6					
9/8/2022			2.1						0.69
9/9/2022					57	110	3.3	12	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-109	MW-110
2/29/2016				
3/1/2016	1.5	1.8		
3/2/2016			2	23
5/2/2016	0.83			
5/3/2016				
5/4/2016		1.1		
5/5/2016			2.6	21
7/5/2016	1.6			
7/7/2016			2.9	20
7/8/2016		0.82		
9/6/2016	1.6			
9/7/2016		0.57	3.1	20
11/7/2016	1.5			
11/9/2016		0.62		
11/10/2016			2.7	8.7
1/9/2017	0.98			
1/11/2017		0.44		
1/12/2017			2.9	27
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	3	30
10/2/2017	0.83			
10/5/2017		0.39	3.7	
10/6/2017				15
12/19/2017			3.1 (R)	41 (R)
3/12/2018	0.71			
3/14/2018		0.47	3.1	35
6/5/2018				
6/6/2018	0.68			
6/10/2018		0.39		
6/11/2018			2.6	30
10/16/2018				
10/17/2018	0.66			
10/18/2018		0.47	2.8	38
10/19/2018				
2/27/2019	0.7			
3/1/2019		0.46	3.1	28
3/2/2019				
5/31/2019	0.52			
6/3/2019		0.38	3.9	13
6/11/2019				
11/6/2019	0.74			
11/7/2019			4.3	32
11/9/2019		0.56 (V)		
4/16/2020	0.59			
4/17/2020		0.42	5.2	29
4/18/2020				
10/7/2020	0.67			
10/8/2020		0.51		
10/9/2020			5.9	31

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-109	MW-110
3/29/2021	0.75			
3/30/2021		0.49		
3/31/2021			3.3	23
9/2/2021	0.73			
9/3/2021		0.51	8.4	21
9/7/2021				
3/22/2022	0.7			
3/23/2022		0.48	4.8	28
3/24/2022				
9/7/2022				
9/8/2022	0.82	1.6	6	
9/9/2022				26

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	5.3	8.1	7.4	5.4					
3/1/2016					36	90	4.8	5.6	4
3/2/2016									
5/2/2016	4.4	6	6.3						3.6
5/3/2016								5.1	
5/4/2016				4.5					
5/5/2016					34	63	5.6		
7/5/2016	4.2	5.2	4.8					4.7	3.6
7/7/2016					34	75	5		
7/8/2016				4.9					
9/6/2016	4.3	5.5	6	4.3			4.8	4.4	4
9/7/2016					33	140			
11/7/2016	4.2	5.4	5.7					4.6	4.4
11/9/2016					38	180			
11/10/2016				4.5			4.7		
1/9/2017	5.3	6.1	6.8					5.3	4.4
1/11/2017				5.3	34	200			
1/12/2017							5.6		
3/13/2017	5.2	5.5	6.8					5.6	4.1
3/14/2017				5.5	35	150			
3/15/2017							5.9		
5/15/2017	4.8	4.7	6.1					5.2	3.7
5/18/2017				5	60	190	5.7		
10/2/2017	5.5	6.1	6					5.5	4.8
10/5/2017				5.6	33	120			
10/6/2017							6		
12/19/2017					120 (R)	84 (R)			
3/12/2018	5.3	6.1	5.9					5.6	4
3/14/2018				5.2	45	160	5.2		
6/5/2018	5.3	5.5	6.5						
6/6/2018								5.6	4.1
6/10/2018				5.2	140	190			
6/11/2018							4.9		
10/16/2018	5.5	5.1	5.9						
10/17/2018								5.5	3.7
10/18/2018				5.2	32	100			
10/19/2018							6.7		
2/27/2019	4.6	5	4.3	5.1				5.1	4
3/1/2019					30	42			
3/2/2019							4.4		
5/31/2019	5.1	5.4	4.5	5				5.4	3.7
6/3/2019					86	110	13		
6/11/2019									
11/6/2019	5.8	6.1	5.7	6				5.9	4.7
11/7/2019						120			
11/9/2019					200		6.1		
4/16/2020	6.1	5.3	5.6	5.8				6.2	4.9
4/17/2020									
4/18/2020					73	130	6.3		
10/7/2020	6.6	5.7	5.1	5.9				6.1	4.7
10/8/2020					26	95	6.4		
10/9/2020									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	10	5.2	5	5.8				6.2	5.4
3/30/2021					18		6.4		
3/31/2021						120			
9/2/2021	5.8	5.1	5.2	5.1				5.9	5.1
9/3/2021					10	110			
9/7/2021							6.1		
3/22/2022	5.9	4.7	8.8	4.9				5.6	4.8
3/23/2022					10	120	6.9		
3/24/2022									
9/7/2022	4.4	3.6		3.4					
9/8/2022			3.4					4.3	5.3
9/9/2022					6.2	140	11		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	6.6	4.4		
3/2/2016			87	5
5/2/2016				
5/3/2016				
5/4/2016		3		
5/5/2016	6.5		87	6.8
7/5/2016				
7/7/2016	7.3		83	6.7
7/8/2016		3.5		
9/6/2016				
9/7/2016	7.4	3.3	80	4.8
11/7/2016				
11/9/2016		3.9		
11/10/2016	8.4		35	4.2
1/9/2017				
1/11/2017		4.1		
1/12/2017	9.2		130	4.4
3/13/2017				
3/14/2017		4		4.4
3/15/2017	9.5		150	
5/15/2017				
5/18/2017	9.9	4	140	5
10/2/2017				
10/5/2017		4.5		5.8
10/6/2017	10		62	
12/19/2017	9.3 (R)		180 (R)	
3/12/2018				
3/14/2018	7.7	3.7	140	6.9
6/5/2018				
6/6/2018				
6/10/2018		3.6		
6/11/2018	8		140	6
10/16/2018				
10/17/2018				
10/18/2018	12	5	160	7.5
10/19/2018				
2/27/2019				
3/1/2019		1.7 (J)	140	7.2
3/2/2019	8.5			
5/31/2019				
6/3/2019		3.3	79	8.5
6/11/2019	17			
11/6/2019				
11/7/2019	15		120	18
11/9/2019		4.7		
4/16/2020				
4/17/2020	20	4.8	120	29
4/18/2020				
10/7/2020				
10/8/2020	18	5		
10/9/2020			100	22

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
3/29/2021				
3/30/2021	12	5		
3/31/2021			110	18
9/2/2021				
9/3/2021		4.4	100	57
9/7/2021	12			
3/22/2022				
3/23/2022		4.1	110	28
3/24/2022	9.8			
9/7/2022				
9/8/2022		3.3		17
9/9/2022	6.9		84	

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	5.11	5.11	4.9	5.26					
3/1/2016					6.12	4.09	5.03	5.08	6.37
3/2/2016									
5/2/2016	4.76	4.77	4.69						5.605 (D)
5/3/2016								5.14	
5/4/2016				5.1					
5/5/2016					6.25	4.12	5.03		
7/5/2016	5.12	5.48	7.11 (o)					5.38	6.29
7/7/2016					5.99	3.99	4.85		
7/8/2016				4.96					
9/6/2016	5.11	5.12	5.19	5.43			4.84	5.37	6.42
9/7/2016					6.03	4.06			
11/7/2016	4.76	4.73	4.64					4.92	5.75
11/9/2016					6.01	4.05			
11/10/2016				4.89			4.72		
1/9/2017	4.99	5	4.94					5.05	5.98
1/11/2017				4.87	6.04	4.01			
1/12/2017							4.79		
3/13/2017	4.57	4.74	4.63					4.87	5.81
3/14/2017				4.71	6.11	4.06			
3/15/2017							4.81		
5/15/2017	4.6	4.63	4.52					4.69	5.42
5/18/2017				4.5	5.88	3.65	4.5		
10/2/2017	4.64	4.63	4.54					4.88	5.63
10/5/2017				4.63	6.07	3.79			
10/6/2017							4.56		
12/19/2017					6.11 (R)	4.1 (R)			
3/12/2018	4.85	4.81	4.81					5.07	5.6
3/14/2018				5.14	6.29	4.2	5.08		
6/5/2018	4.92	5.04	4.9						
6/6/2018								5.09	5.58
6/10/2018				5.12	5.96	3.97			
6/11/2018							4.81		
10/16/2018	4.93	4.98	4.81						
10/17/2018								4.99	5.54
10/18/2018				4.97	6.19	4.12			
10/19/2018							5.15		
2/27/2019	4.75	4.78	4.71	4.84				4.87	5.4
3/1/2019					6.27	4.19			
3/2/2019							4.81		
5/31/2019	4.9	4.92	4.84	4.92				4.89	5.45
6/3/2019					6.23	4.17	4.7		
6/11/2019									
11/6/2019	4.82	4.88	4.78	4.94				5.04	5.52
11/7/2019						4.03			
11/9/2019					6.19		4.78		
4/16/2020	5.03	5.15	4.96	5.17				5.13	5.58
4/17/2020									
4/18/2020					6.21	4.08	4.96		
10/7/2020	4.74	4.91	4.8	5.08				5.13	5.5
10/8/2020					6.29	4.13	4.87		
10/9/2020									

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	4.79	4.89	4.8	4.92				4.93	5.46
3/30/2021					6.31		4.82		
3/31/2021						3.7			
9/2/2021	4.81	4.87	4.77	5.07				4.94	5.16
9/3/2021					6.17	4.32			
9/7/2021							4.62		
3/22/2022	4.9	4.91	4.89	5.02				5.1	5.18
3/23/2022					6.48	4.15	5.02		
3/24/2022									
9/7/2022	4.72	4.92		4.89					
9/8/2022			4.78					4.87	5.13
9/9/2022					6.47	4.08	4.96		

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	5.86	5.84		
3/2/2016			5.015 (D)	5.015 (D)
5/2/2016				
5/3/2016				
5/4/2016		5.69		
5/5/2016	5.77		5.04	4.87
7/5/2016				
7/7/2016	5.45		5.55	4.86
7/8/2016		5.49		
9/6/2016				
9/7/2016	5.01	5.22	4.86	4.72
11/7/2016				
11/9/2016		5.39		
11/10/2016	4.99		5.19	4.72
1/9/2017				
1/11/2017		5.12		
1/12/2017	4.95		4.84	4.67
3/13/2017				
3/14/2017		5.05		4.77
3/15/2017	5.03		4.86	
5/15/2017				
5/18/2017	4.75	4.68	4.59	4.43
10/2/2017				
10/5/2017		4.77		4.52
10/6/2017	5.07		5.73	
12/19/2017	5.1 (R)		4.84 (R)	4.76 (R)
3/12/2018				
3/14/2018	4.89	5.28	4.75	4.71
6/5/2018				
6/6/2018				
6/10/2018		4.99		
6/11/2018	5.02		4.77	4.78
10/16/2018				
10/17/2018				
10/18/2018	4.93	5.07	4.73	4.76
10/19/2018				
2/27/2019				
3/1/2019		5.13	4.76	4.85
3/2/2019	5.58			
5/31/2019				
6/3/2019		5.12	5.56	4.75
6/11/2019	4.97			
11/6/2019				
11/7/2019	4.99		4.74	4.78
11/9/2019		5.06		
4/16/2020				
4/17/2020	5.07	5.23	4.7	4.75
4/18/2020				
10/7/2020				
10/8/2020	4.98	5.34		
10/9/2020			4.9	4.77

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
3/29/2021				
3/30/2021	5.04	4.98		
3/31/2021			4.85	4.64
9/2/2021				
9/3/2021		4.85	6.28	4.72
9/7/2021	5.11			
3/22/2022				
3/23/2022		4.99	5.01	5
3/24/2022	5.02			
9/7/2022				
9/8/2022		5		4.82
9/9/2022	5.19		4.68	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	<0.1	<0.1	<0.1	<0.1					
3/1/2016					0.041 (J)	0.46	0.037 (J)	<0.1	<0.1
3/2/2016									
5/2/2016	<0.1	<0.1	<0.1						
5/3/2016									<0.1
5/4/2016				<0.1					
5/5/2016					<0.1	0.27	<0.1	<0.1	
7/5/2016	<0.1	<0.1	<0.1						<0.1
7/7/2016					<0.1	0.29	<0.1	<0.1	
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1				<0.1	<0.1
9/7/2016					<0.1	0.33	<0.1		
11/7/2016	<0.1	<0.1	<0.1						<0.1
11/9/2016					<0.1	0.29			
11/10/2016				<0.1			<0.1	<0.1	
1/9/2017	<0.1	<0.1	<0.1						<0.1
1/11/2017				<0.1	<0.1	0.42			
1/12/2017							<0.1	<0.1	
3/13/2017	<0.1	<0.1	<0.1						<0.1
3/14/2017				<0.1	<0.1	0.34			
3/15/2017							<0.1	<0.1	
5/15/2017	<0.1	<0.1	<0.1						<0.1
5/18/2017				<0.1	<0.1	0.47	<0.1	<0.1	
10/2/2017	<0.1	<0.1	<0.1						<0.1
10/5/2017				<0.1	<0.1	0.22			
10/6/2017							<0.1	<0.1	
12/19/2017						0.26 (R)			
3/12/2018	<0.1	<0.1	<0.1						<0.1
3/14/2018				0.12	<0.1	0.3	<0.1	<0.1	
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018									<0.1
6/10/2018				<0.1	<0.1	0.38			
6/11/2018							<0.1	<0.1	
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018									<0.1
10/18/2018				<0.1	0.04 (J)	0.26	<0.1		
10/19/2018								<0.1	
2/27/2019	<0.1	<0.1	<0.1	<0.1					<0.1
3/1/2019					<0.1	0.1			
3/2/2019							<0.1	<0.1	
5/31/2019	<0.1	<0.1	<0.1	<0.1					<0.1
6/3/2019					0.04 (J)	0.22		<0.1	
6/11/2019							<0.1		
11/6/2019	<0.1	<0.1	<0.1	<0.1					<0.1
11/7/2019						0.21	<0.1		
11/9/2019					<0.1			<0.1	
4/16/2020	<0.1	<0.1	<0.1	<0.1					<0.1
4/17/2020							<0.1		
4/18/2020					0.04 (J)	0.3		<0.1	
10/7/2020	<0.1	<0.1	<0.1	<0.1					<0.1
10/8/2020					0.04 (J)	0.26	0.24	<0.1	
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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	<0.1	<0.1	<0.1					<0.1
3/30/2021					0.04		<0.1	<0.1	
3/31/2021						0.34			
9/2/2021	0.08 (J)	0.1	<0.1	0.04 (J)					<0.1
9/3/2021					0.07 (J)	0.41			
9/7/2021							<0.1	<0.1	
3/22/2022	<0.1	<0.1	<0.1	<0.1					<0.1
3/23/2022					<0.1	0.3		<0.1	
3/24/2022							<0.1		
9/7/2022	<0.1	<0.1		<0.1					
9/8/2022			<0.1						<0.1
9/9/2022					<0.1	<0.1	<0.1	<0.1	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	0.033 (J)	<0.1		
3/2/2016			0.039 (J)	<0.1
5/2/2016	<0.1			
5/3/2016				
5/4/2016		<0.1		
5/5/2016			<0.1	<0.1
7/5/2016	<0.1			
7/7/2016			<0.1	<0.1
7/8/2016		<0.1		
9/6/2016	<0.1			
9/7/2016		<0.1	<0.1	<0.1
11/7/2016	<0.1			
11/9/2016		<0.1		
11/10/2016			<0.1	<0.1
1/9/2017	<0.1			
1/11/2017		<0.1		
1/12/2017			<0.1	<0.1
3/13/2017	<0.1			
3/14/2017		<0.1		<0.1
3/15/2017			<0.1	
5/15/2017	<0.1			
5/18/2017		<0.1	<0.1	<0.1
10/2/2017	<0.1			
10/5/2017		<0.1		<0.1
10/6/2017			<0.1	
12/19/2017				
3/12/2018	<0.1			
3/14/2018		<0.1	<0.1	<0.1
6/5/2018				
6/6/2018	<0.1			
6/10/2018		<0.1		
6/11/2018			0.04 (J)	<0.1
10/16/2018				
10/17/2018	<0.1			
10/18/2018		<0.1	0.04 (J)	<0.1
10/19/2018				
2/27/2019	<0.1			
3/1/2019		<0.1	<0.1	<0.1
3/2/2019				
5/31/2019	<0.1			
6/3/2019		<0.1	0.04 (J)	<0.1
6/11/2019				
11/6/2019	<0.1			
11/7/2019			0.04 (J)	<0.1
11/9/2019		<0.1		
4/16/2020	<0.1			
4/17/2020		<0.1	0.04 (J)	<0.1
4/18/2020				
10/7/2020	<0.1			
10/8/2020		<0.1		
10/9/2020			<0.1	<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
3/29/2021	<0.1			
3/30/2021		<0.1		
3/31/2021			0.04	<0.1
9/2/2021	0.04 (J)			
9/3/2021		<0.1	0.07 (J)	0.05 (J)
9/7/2021				
3/22/2022	<0.1			
3/23/2022		<0.1	<0.1	<0.1
3/24/2022				
9/7/2022				
9/8/2022	<0.1	<0.1		<0.1
9/9/2022			<0.1	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-306 (bg)	MW-105	MW-102	MW-104	MW-103
2/29/2016	<5	1.6 (J)	<5	<5					
3/1/2016					<5	17	<5	380	26
3/2/2016									
5/2/2016	15 (o)	2.1 (J)		<5					
5/3/2016					<5				
5/4/2016			<5						
5/5/2016						11	<5	280	31
7/5/2016	<5	2 (J)		<5	<5				
7/7/2016						33	<5	330	31
7/8/2016			<5						
9/6/2016	<5	1.8 (J)	<5	<5	<5		<5		
9/7/2016						18		550	41
11/7/2016	<5	1.7 (J)		<5	<5				
11/9/2016						52		700	
11/10/2016			<5				<5		39
1/9/2017	<5	1.5 (J)		2.6 (J)	<5				
1/11/2017			<5			31		670	
1/12/2017							<5		35
3/13/2017	2.5 (J)	2.2 (J)		<5	<5				
3/14/2017			<5			20		670	
3/15/2017							<5 (*)		43
5/15/2017	<5	1.9 (J)		<5	<5				
5/18/2017			<5 (X)			35	<5 (X)	790	35
10/2/2017	<5	3.4 (J)		<5	1.5 (J)				
10/5/2017			<5			7.7		500	
10/6/2017							<5		39
12/19/2017						51 (R)		400 (R)	36 (R)
3/12/2018	<5	2.6 (J)		<5	<5				
3/14/2018			<5			22	<5	540	38
6/5/2018	<5	2.6 (J)		<5					
6/6/2018					<5				
6/10/2018			1.5 (J)			96		760	
6/11/2018							1.7 (J)		34
10/16/2018	<5	2.8 (J)		<5					
10/17/2018					<5				
10/18/2018			<5			6.6		460	31
10/19/2018							3.4 (J)		
2/27/2019	<5	2.4 (J)	1.9 (J)	<5	<5				
3/1/2019						9.6		240	
3/2/2019							<5		35
5/31/2019	<5	3.3 (J)	<5	<5	<5				
6/3/2019						58	3.5 (J)	480	
6/11/2019									32
11/6/2019	<5	3.7 (J)	<5	<5	<5				
11/7/2019								610	27
11/9/2019						120	<5		
4/16/2020	<5	1.7 (J)	<5	<5	<5				
4/17/2020									31
4/18/2020						32	<5	670	
10/7/2020	<5	4 (J)	<5	<5	<5				
10/8/2020						9.3	<5	590	30
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-108 (bg)	MW-101 (bg)	MW-107 (bg)	MW-306 (bg)	MW-105	MW-102	MW-104	MW-103
3/29/2021	<5	2.3	<5	<5	<5				
3/30/2021						7.6	<5		32
3/31/2021								670	
9/2/2021	<5	4.7 (J)	<5	<5	<5				
9/3/2021						9.3		480	
9/7/2021							<5		22
3/22/2022	<5	4.5 (J)	<5	<5	<5				
3/23/2022						24	1.8 (J)	560	
3/24/2022									28
9/7/2022	1.7 (J)		1.5 (J)	1.4 (J)					
9/8/2022		5.5			<5				
9/9/2022						17	27	870	20

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL 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			150	13
5/2/2016	<5			
5/3/2016				
5/4/2016		<5		
5/5/2016			200	15
7/5/2016	<5			
7/7/2016			200	14
7/8/2016		<5		
9/6/2016	3.7 (J)			
9/7/2016		<5	200	15
11/7/2016	<5			
11/9/2016		<5		
11/10/2016			130	13
1/9/2017	<5			
1/11/2017		<5		
1/12/2017			240	12
3/13/2017	<5			
3/14/2017		<5		10 (V)
3/15/2017			300	
5/15/2017	<5			
5/18/2017		<5 (X)	270	8.7
10/2/2017	1.7 (J)			
10/5/2017		<5		9.8
10/6/2017			140	
12/19/2017			280 (R)	8.4 (R)
3/12/2018	<5			
3/14/2018		<5	270	9.7
6/5/2018				
6/6/2018	<5			
6/10/2018		1.4 (J)		
6/11/2018			270	10
10/16/2018				
10/17/2018	<5			
10/18/2018		<5	280	8.1
10/19/2018				
2/27/2019	<5			
3/1/2019		<5	250	7.4
3/2/2019				
5/31/2019	<5			
6/3/2019		<5	150	21
6/11/2019				
11/6/2019	<5			
11/7/2019			290	16
11/9/2019		<5		
4/16/2020	<5			
4/17/2020		<5	280	12
4/18/2020				
10/7/2020	<5			
10/8/2020		<5		
10/9/2020			280	25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-307 (bg)	MW-106	MW-110	MW-109
3/29/2021	<5			
3/30/2021		<5		
3/31/2021			250	15
9/2/2021	<5			
9/3/2021		<5	160	32
9/7/2021				
3/22/2022	<5			
3/23/2022		<5	270	28
3/24/2022				
9/7/2022				
9/8/2022	<5	<5		34
9/9/2022			270	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	20	<5	12	20					
3/1/2016					290	760	<5	10	<5
3/2/2016									
5/2/2016	<5	<5	6						36
5/3/2016								<5	
5/4/2016				6					
5/5/2016					250	620	<5		
7/5/2016	12	14	<5					<5	<5
7/7/2016					270	640	24		
7/8/2016				6					
9/6/2016	36	30	38	36			40	36	44
9/7/2016					270	1100			
11/7/2016	18	8	<5					<5	30
11/9/2016					330	1300			
11/10/2016				16			20		
1/9/2017	4 (J)	<5	14					<5	12
1/11/2017				38	330	1600			
1/12/2017							54		
3/13/2017	6	<5	8					22	20
3/14/2017				<5	260	1200			
3/15/2017							14		
5/15/2017	<5	<5	<5					6	4 (J)
5/18/2017				10	360	1500	38		
10/2/2017	<5	<5	6					16	24
10/5/2017				<5	240	980			
10/6/2017							22		
12/19/2017					460 (R)	900 (R)			
3/12/2018	18	14	<5					<5	<5
3/14/2018				8	300	1100	14		
6/5/2018	10	<5	14						
6/6/2018								20	16
6/10/2018				8	560	1500			
6/11/2018							8		
10/16/2018	32	12	6						
10/17/2018								44	44
10/18/2018				28	250	860			
10/19/2018							54		
2/27/2019	110	54	110	68				20	28
3/1/2019					210	440			
3/2/2019							28		
5/31/2019	46	8	26	<5				32	18
6/3/2019					500	950	54		
6/11/2019									
11/6/2019	<5	4 (J)	<5	10				24	20
11/7/2019						980			
11/9/2019					720		24		
4/16/2020	28	18	8	44				6	8
4/17/2020									
4/18/2020					180	1100	54		
10/7/2020	30	20	26	24				16	12
10/8/2020					260	500	32		
10/9/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	38	12	28	26				42	40
3/30/2021					340		32		
3/31/2021						1100			
9/2/2021	40	10	8	8				10	<5
9/3/2021					210	1000			
9/7/2021							10		
3/22/2022	58	18	46	14				84	22
3/23/2022					230	1300	36		
3/24/2022									
9/7/2022	36	22		14					
9/8/2022			44					24	48
9/9/2022					200	1400	62		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
2/29/2016				
3/1/2016	84	<5		
3/2/2016			440	30
5/2/2016				
5/3/2016				
5/4/2016		12		
5/5/2016	76		480	38
7/5/2016				
7/7/2016	54		470	22
7/8/2016		10		
9/6/2016				
9/7/2016	82	10	440	38
11/7/2016				
11/9/2016		26		
11/10/2016	80		260	38
1/9/2017				
1/11/2017		28		
1/12/2017	110		630	40
3/13/2017				
3/14/2017		<5		22
3/15/2017	82		620	
5/15/2017				
5/18/2017	100	26	640	24
10/2/2017				
10/5/2017		<5		<5
10/6/2017	110		360	
12/19/2017	72 (R)		840 (R)	
3/12/2018				
3/14/2018	66	<5	660	12
6/5/2018				
6/6/2018				
6/10/2018		6		
6/11/2018	96		670	26
10/16/2018				
10/17/2018				
10/18/2018	64	68	750	34
10/19/2018				
2/27/2019				
3/1/2019		28	640	42
3/2/2019	210			
5/31/2019				
6/3/2019		28	420	54
6/11/2019	110			
11/6/2019				
11/7/2019	50		540	24
11/9/2019		42		
4/16/2020				
4/17/2020	70	48	600	28
4/18/2020				
10/7/2020				
10/8/2020	120	100		
10/9/2020			660	86

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 2:06 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-106	MW-110	MW-109
3/29/2021				
3/30/2021	170	12		
3/31/2021			620	66
9/2/2021				
9/3/2021		<5	580	170
9/7/2021	62			
3/22/2022				
3/23/2022		30	630	90
3/24/2022	90			
9/7/2022				
9/8/2022		18		80
9/9/2022	48		560	

ND substitution: RL or RL/2 if <15% NDs.

200 Series

Appendix III - Interwell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:32 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**	**9/13/2022**	**7.2**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/13/2022**	**2.7**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/13/2022**	**9.1**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.388**	**n/a**	**9/13/2022**	**93**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.388**	**n/a**	**9/13/2022**	**82**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.388**	**n/a**	**9/13/2022**	**160**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.883**	**n/a**	**9/13/2022**	**180**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.883**	**n/a**	**9/13/2022**	**130**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.883**	**n/a**	**9/13/2022**	**300**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Sulfate (mg/L)	**MW-200**	**5.5**	**n/a**	**9/13/2022**	**130**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5.5**	**n/a**	**9/13/2022**	**95**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5.5**	**n/a**	**9/13/2022**	**160**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/13/2022**	**600**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/13/2022**	**530**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/13/2022**	**920**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**

Appendix III - Interwell Prediction Limits - 200 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:32 AM

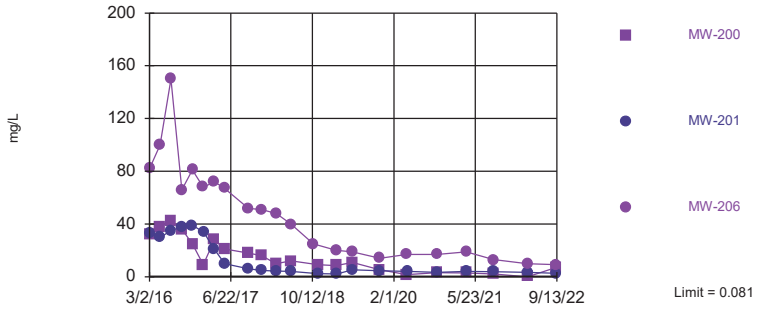
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**9/13/2022**	**7.2**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**0.081**	**n/a**	**9/13/2022**	**2.7**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-206**	**0.081**	**n/a**	**9/13/2022**	**9.1**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**MW-200**	**1.388**	**n/a**	**9/13/2022**	**93**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-201**	**1.388**	**n/a**	**9/13/2022**	**82**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-206**	**1.388**	**n/a**	**9/13/2022**	**160**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-200**	**6.883**	**n/a**	**9/13/2022**	**180**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-201**	**6.883**	**n/a**	**9/13/2022**	**130**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-206**	**6.883**	**n/a**	**9/13/2022**	**300**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.002505**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-200	0.12	n/a	9/13/2022	0.27J	No	126	n/a	n/a	94.44	n/a	n/a	0.0001246	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-201	0.12	n/a	9/13/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001246	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-206	0.12	n/a	9/13/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001246	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-200**	**5.5**	**n/a**	**9/13/2022**	**130**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-201**	**5.5**	**n/a**	**9/13/2022**	**95**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-206**	**5.5**	**n/a**	**9/13/2022**	**160**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001264**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-200**	**110**	**n/a**	**9/13/2022**	**600**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-201**	**110**	**n/a**	**9/13/2022**	**530**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-206**	**110**	**n/a**	**9/13/2022**	**920**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001246**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.36 . 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 126 background values. 76.19% NDs. Annual per-constituent alpha = 0.0007474. Individual comparison alpha = 0.0001246 (1 of 2). Comparing 3 points to limit.

Constituent: Boron Analysis Run 1/13/2023 1:31 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

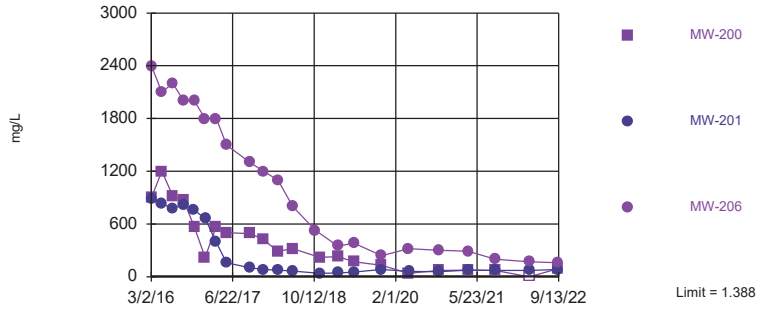
Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8959, Std. Dev.=0.1317, n=126. Normality test: Chi Squared @alpha = 0.01, calculated = 12.73, critical = 14.07. Kappa = 1.668 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Calcium Analysis Run 1/13/2023 1:31 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

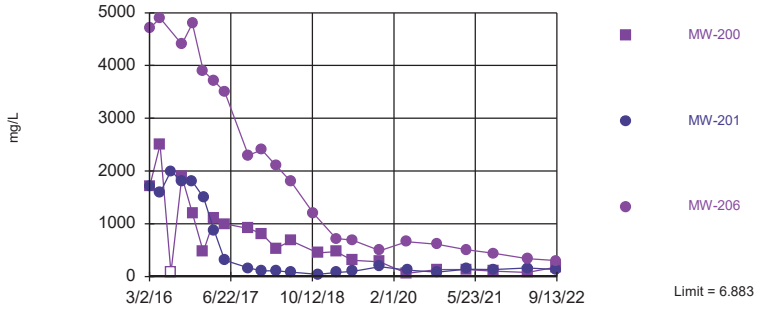
Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Exceeds Limit: MW-200, MW-201, MW-206

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.26, Std. Dev.=0.9732, n=126. Normality test: Chi Squared @alpha = 0.01, calculated = 11.3, critical = 14.07. Kappa = 1.668 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Chloride Analysis Run 1/13/2023 1:31 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

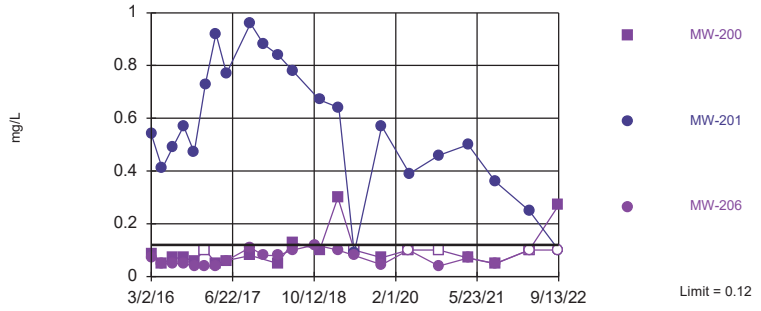
Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 126 background values. 94.44% NDs. Annual per-constituent alpha = 0.0007474. Individual comparison alpha = 0.0001246 (1 of 2). Comparing 3 points to limit.

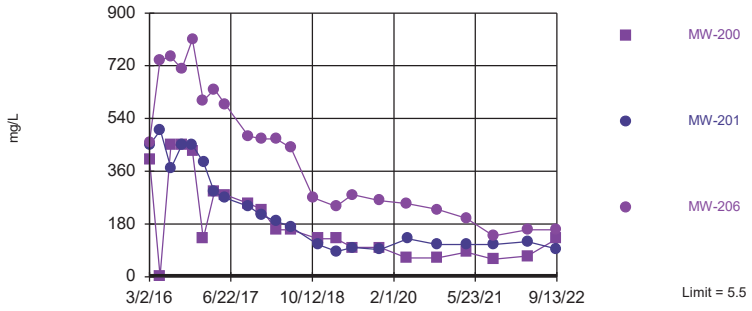
Constituent: Fluoride Analysis Run 1/13/2023 1:31 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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 125 background values. 75.2% NDs. Annual per-constituent alpha = 0.0007581. Individual comparison alpha = 0.0001264 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 1/13/2023 1:31 AM View: 200 Series Interwell

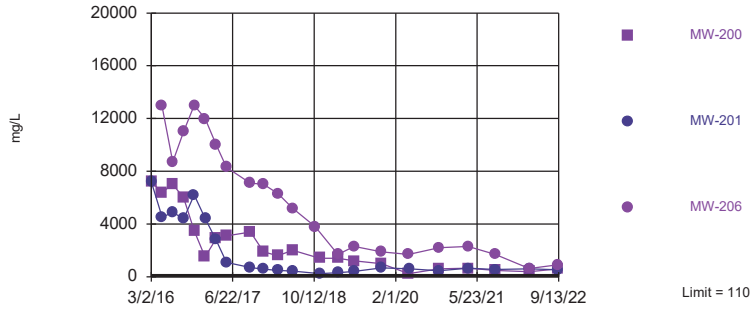
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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 126 background values. 22.22% NDs. Annual per-constituent alpha = 0.0007474. Individual comparison alpha = 0.0001246 (1 of 2). Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:31 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/2/2016							32	82	33
5/2/2016	<0.05	<0.05	<0.05			<0.05			
5/3/2016					<0.05		38	100	
5/4/2016				<0.05					30
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05	42	150	
7/6/2016									35
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/8/2016							36	66	38
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
11/8/2016									39
11/9/2016							25	81	
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/11/2017				<0.05					
1/12/2017							9.1	68	
1/13/2017									34
3/13/2017	<0.05	0.022 (J)	<0.05		<0.05	<0.05			
3/14/2017				<0.05					
3/16/2017									21
3/17/2017							28	72	
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
5/16/2017							21		
5/17/2017								67	10
5/18/2017				<0.05					
10/2/2017	<0.05	0.023 (J)	<0.05		<0.05	<0.05			
10/3/2017								52	
10/4/2017							18		6
10/5/2017				<0.05					
12/20/2017							16 (R)	51	4.9 (R)
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018							10		
3/14/2018				<0.05				48	4.4
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			
6/8/2018							12	40	
6/9/2018									4.1
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05		25	
10/18/2018				0.081					
11/13/2018							9.1		
11/14/2018									2.3
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							8.5	20	
3/5/2019									2.1
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
6/4/2019							11	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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/12/2020							3	17	3.3
3/29/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
4/1/2021							2.9	19	4
9/2/2021	0.021 (J)	0.022 (J)	0.018 (J)	<0.05	<0.05	<0.05			
9/8/2021							2.1	13	3.8
3/22/2022	0.013	0.017	0.013	0.012	0.009 (J)	0.0063 (J)			
3/25/2022							0.0043 (J)	10	3.4
9/7/2022	0.031 (J)		0.031 (J)	0.029 (J)					
9/8/2022		0.055			0.027 (J)	0.025 (J)			
9/13/2022							7.2	9.1	2.7

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.9	1.6	0.33	0.38	0.81	0.7			
3/25/2022							<0.05	170	73
9/7/2022	1		0.61	0.6					
9/8/2022		2.1			0.69	0.82			
9/13/2022							93	160	82

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022	5.9	8.8	4.7	4.9	5.6	4.8			
3/25/2022							76	340	160
9/7/2022	4.4		3.6	3.4					
9/8/2022		3.4			4.3	5.3			
9/13/2022							180	300	130

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-200	MW-201
2/29/2016	<0.1	<0.1	<0.1	<0.1					
3/1/2016					0.033 (J)	<0.1			
3/2/2016							0.074 (J)	0.088 (J)	0.54
5/2/2016	<0.1		<0.1	<0.1	<0.1				
5/3/2016						<0.1	0.05 (J)	0.05 (J)	
5/4/2016		<0.1							0.41
7/5/2016	<0.1		<0.1	<0.1	<0.1	<0.1	0.05 (J)	0.07 (J)	
7/6/2016									0.49
7/8/2016		<0.1							
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/8/2016							0.05 (J)	0.07 (J)	0.57
11/7/2016	<0.1		<0.1	<0.1	<0.1	<0.1			
11/8/2016									0.47
11/9/2016							0.04 (J)	0.06 (J)	
11/10/2016		<0.1							
1/9/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
1/11/2017		<0.1							
1/12/2017							0.04 (J)	<0.1	
1/13/2017									0.73
3/13/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
3/14/2017		<0.1							
3/16/2017									0.92
3/17/2017							0.04 (J)	0.05 (J)	
5/15/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
5/16/2017								0.06 (J)	
5/17/2017							0.06 (J)		0.77
5/18/2017		<0.1							
10/2/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
10/3/2017							0.11		
10/4/2017								0.08 (J)	0.96
10/5/2017		<0.1							
12/20/2017							0.08 (I)		0.88 (R)
3/12/2018	<0.1		<0.1	<0.1	<0.1	<0.1			
3/13/2018								0.05 (J)	
3/14/2018		0.12					0.08 (J)		0.84
6/5/2018	<0.1		<0.1	<0.1					
6/6/2018					<0.1	<0.1			
6/8/2018							0.1	0.13	
6/9/2018									0.78
6/10/2018		<0.1							
10/16/2018	<0.1		<0.1	<0.1					
10/17/2018					<0.1	<0.1	0.12		
10/18/2018		<0.1							
11/13/2018								0.1	
11/14/2018									0.67
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.1	0.3	
3/5/2019									0.64
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
6/4/2019							0.08 (J)	<0.1	0.09 (J)
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/12/2019							0.045 (J)	0.072 (J)	0.57

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-307 (bg)	MW-306 (bg)	MW-206	MW-200	MW-201
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							<0.1	<0.1	
4/22/2020									0.39
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/12/2020							0.04 (J)	<0.1	0.46
3/29/2021	0.06	<0.1	<0.1	<0.1	<0.1	<0.1			
4/1/2021							0.07	0.07	0.5
9/2/2021	0.08 (J)	0.04 (J)	0.1	<0.1	0.04 (J)	<0.1			
9/8/2021							0.048 (J)	0.049 (J)	0.36
3/22/2022	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
3/25/2022							<0.1	<0.1	0.25
9/7/2022	<0.1	<0.1	<0.1						
9/8/2022				<0.1	<0.1	<0.1			
9/13/2022							<0.1	0.27 (J)	<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
2/29/2016	<5	<5	<5	1.6 (J)					
3/1/2016					<5	<5			
3/2/2016							400	460	450
5/2/2016	15 (o)		<5	2.1 (J)		<5			
5/3/2016					<5		2.2 (J)	740	
5/4/2016		<5							500
7/5/2016	<5		<5	2 (J)	<5	<5	450 (J)	750	
7/6/2016									370
7/8/2016		<5							
9/6/2016	<5	<5	<5	1.8 (J)	<5	3.7 (J)			
9/8/2016							450	710	450
11/7/2016	<5		<5	1.7 (J)	<5	<5			
11/8/2016									450
11/9/2016							430	810	
11/10/2016		<5							
1/9/2017	<5		2.6 (J)	1.5 (J)	<5	<5			
1/11/2017		<5							
1/12/2017							130	600	
1/13/2017									390
3/13/2017	2.5 (J)		<5	2.2 (J)	<5	<5			
3/14/2017		<5							
3/16/2017									290
3/17/2017							290	640	
5/15/2017	<5		<5	1.9 (J)	<5	<5			
5/16/2017							280		
5/17/2017								590	270
5/18/2017		<5 (X)							
10/2/2017	<5		<5	3.4 (J)	1.5 (J)	1.7 (J)			
10/3/2017								480	
10/4/2017							250		240
10/5/2017		<5							
12/20/2017							230 (R)	470	210 (R)
3/12/2018	<5		<5	2.6 (J)	<5	<5			
3/13/2018							160		
3/14/2018		<5						470	190
6/5/2018	<5		<5	2.6 (J)					
6/6/2018					<5	<5			
6/8/2018							160	440	
6/9/2018									170
6/10/2018		1.5 (J)							
10/16/2018	<5		<5	2.8 (J)					
10/17/2018					<5	<5		270	
10/18/2018		<5							
11/13/2018							130		
11/14/2018									110
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	<5	<5			
2/28/2019							130	240	
3/5/2019									86
5/31/2019	<5	<5	<5	3.3 (J)	<5	<5			
6/4/2019							100	280	100
11/6/2019	<5	<5	<5	3.7 (J)	<5	<5			
11/12/2019							100	260	93

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-306 (bg)	MW-307 (bg)	MW-200	MW-206	MW-201
4/16/2020	<5	<5	<5	1.7 (J)	<5	<5			
4/18/2020							64	250	
4/22/2020									130
10/7/2020	<5	<5	<5	4 (J)	<5	<5			
10/12/2020							64	230	110
3/29/2021	<5	<5	<5	2.3	<5	<5			
4/1/2021							84	200	110
9/2/2021	<5	<5	<5	4.7 (J)	<5	<5			
9/8/2021							60	140	110
3/22/2022	<5	<5	<5	4.5 (J)	<5	<5			
3/25/2022							71	160	120
9/7/2022	1.7 (J)	1.5 (J)	1.4 (J)						
9/8/2022				5.5	<5	<5			
9/13/2022							130	160	95

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell

Gulf Clean Energy Center Client: FPL 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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:32 AM View: 200 Series Interwell
Gulf Clean Energy Center Client: FPL 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
3/22/2022	58	46	18	14	84	22			
3/25/2022							380	610	630
9/7/2022	36		22	14					
9/8/2022		44			24	48			
9/13/2022							600	530	920

ND substitution: RL or RL/2 if <15% NDs.

Appendix III - Intrawell Prediction Limits - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:29 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**	**9/13/2022**	**4.88**	**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: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:29 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	9/7/2022	4.72	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	9/7/2022	4.89	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	9/7/2022	4.92	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	9/8/2022	4.78	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	9/13/2022	4.82	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	9/13/2022	4.76	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**	**9/13/2022**	**4.88**	**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	9/8/2022	4.87	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	9/8/2022	5.13	No	13	5.8	0.3549	0	None	No	0.001253	Param Intra 1 of 2

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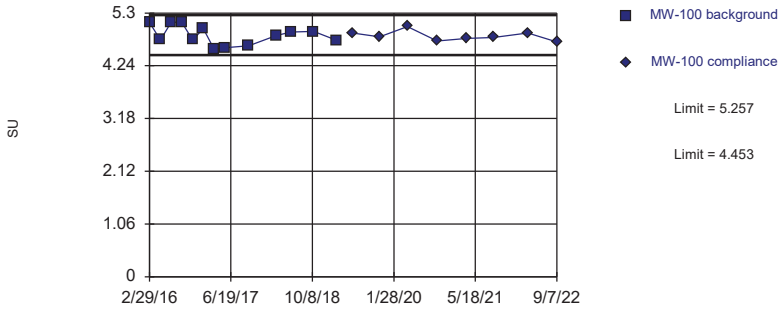
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

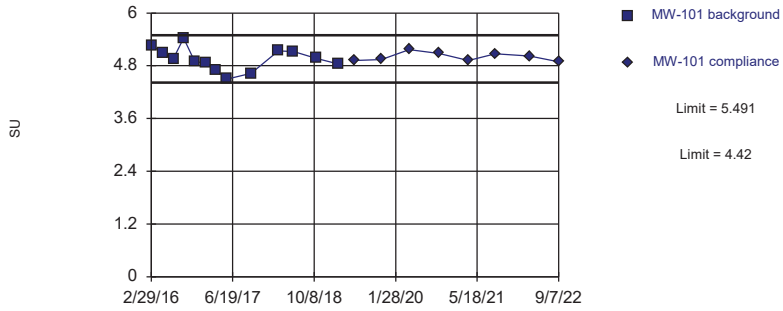
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

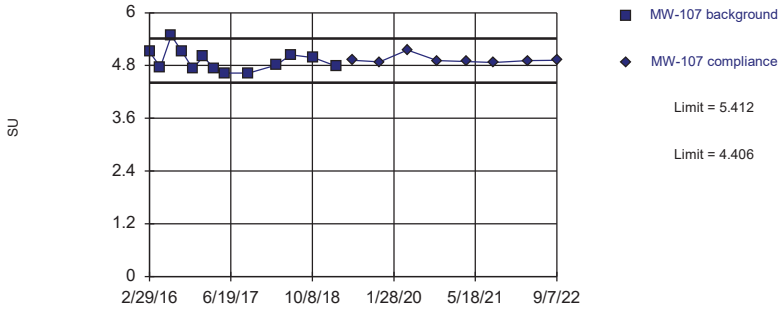
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.077 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

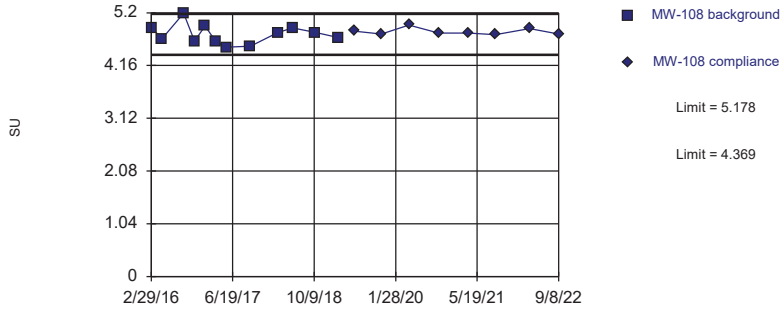
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.112 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

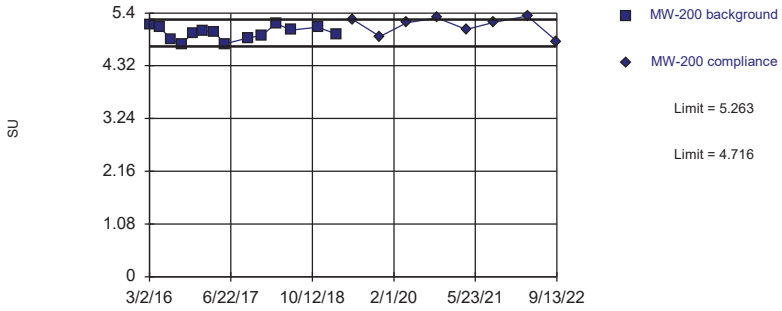
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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 1/13/2023 1:28 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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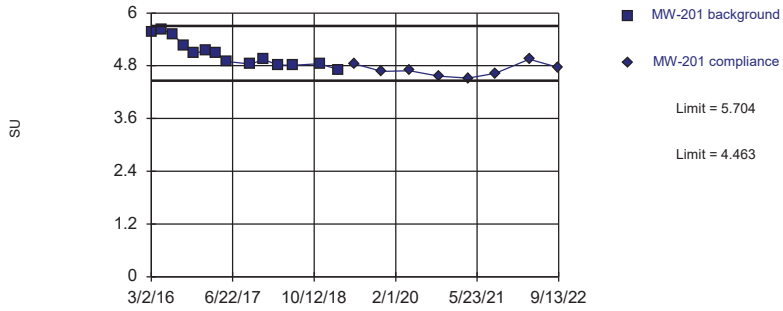
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.084, Std. Dev.=0.304, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8864, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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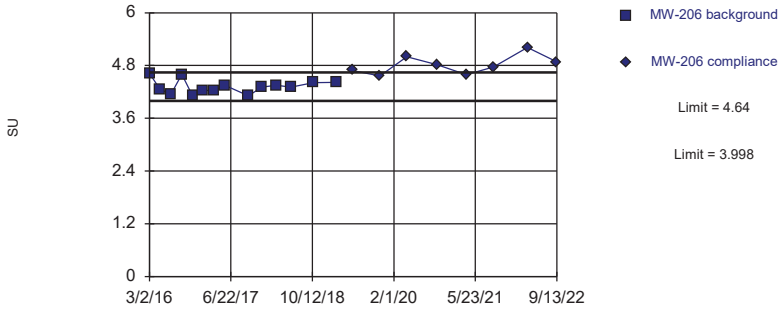
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.319, Std. Dev.=0.1573, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

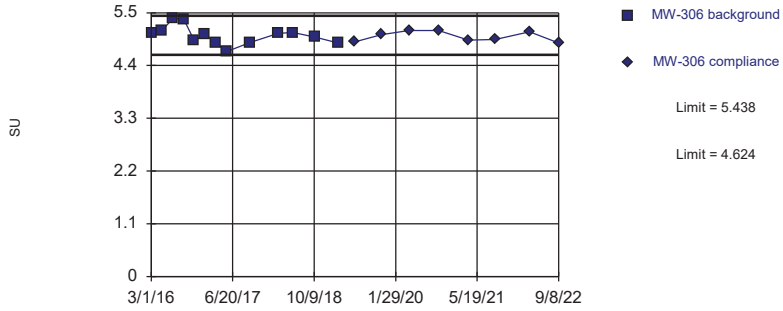
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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.

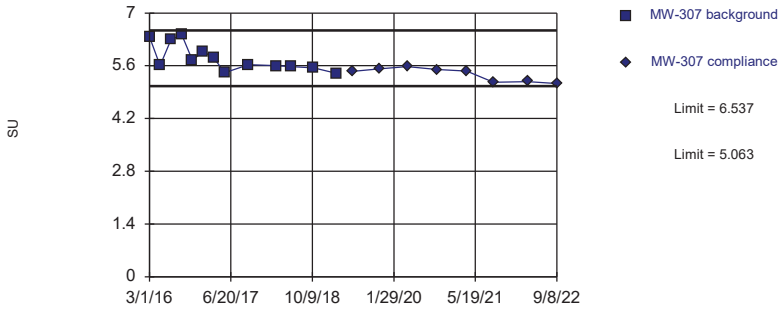
Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:28 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.9
9/7/2022		4.72

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.02
9/7/2022		4.89

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.91
9/7/2022		4.92

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.89
9/8/2022		4.78

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/25/2022		5.34
9/13/2022		4.82

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/25/2022		4.95
9/13/2022		4.76

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/25/2022		5.21
9/13/2022		4.88

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.1
9/8/2022		4.87

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:29 AM View: 200 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.18
9/8/2022		5.13

300 Series

Appendix III - Interwell Prediction Limits - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:54 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	9/12/2022	5.2	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-304	0.081	n/a	9/12/2022	2.5	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-305	0.081	n/a	9/16/2022	0.23	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-308	0.081	n/a	9/12/2022	3	Yes	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Calcium (mg/L)	MW-303	1.451	n/a	9/12/2022	74	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-304	1.451	n/a	9/12/2022	130	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-305	1.451	n/a	9/16/2022	58	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	MW-308	1.451	n/a	9/12/2022	63	Yes	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-300	7.006	n/a	9/12/2022	7.1	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-303	7.006	n/a	9/12/2022	29	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-304	7.006	n/a	9/12/2022	64	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-305	7.006	n/a	9/16/2022	21	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Chloride (mg/L)	MW-308	7.006	n/a	9/12/2022	40	Yes	126	5.26	0.9732	0	None	No	0.001504	Param Inter 1 of 2
Fluoride (mg/L)	MW-305	0.12	n/a	9/16/2022	4.6	Yes	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-303	5.5	n/a	9/12/2022	190	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-304	5.5	n/a	9/12/2022	450	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-305	5.5	n/a	9/16/2022	530	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-308	5.5	n/a	9/12/2022	140	Yes	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	MW-303	110	n/a	9/12/2022	460	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-304	110	n/a	9/12/2022	930	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-305	110	n/a	9/16/2022	770	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	MW-308	110	n/a	9/12/2022	370	Yes	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:54 AM

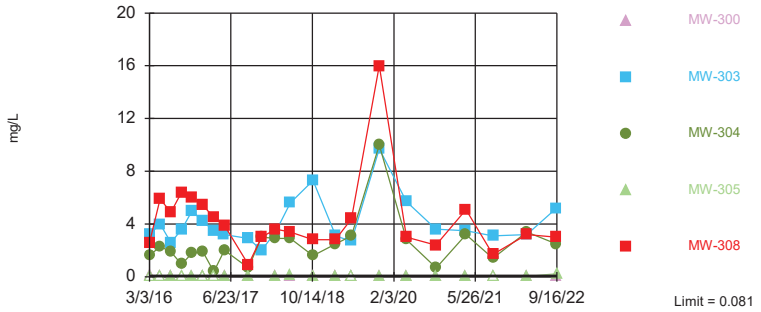
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	9/12/2022	0.05	No	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**9/12/2022**	**5.2**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-304**	**0.081**	**n/a**	**9/12/2022**	**2.5**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-305**	**0.081**	**n/a**	**9/16/2022**	**0.23**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-308**	**0.081**	**n/a**	**9/12/2022**	**3**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	MW-300	1.451	n/a	9/12/2022	0.71	No	126	0.8959	0.1317	0	None	x^(1/3)	0.001504	Param Inter 1 of 2
Calcium (mg/L)	**MW-303**	**1.451**	**n/a**	**9/12/2022**	**74**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-304**	**1.451**	**n/a**	**9/12/2022**	**130**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-305**	**1.451**	**n/a**	**9/16/2022**	**58**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-308**	**1.451**	**n/a**	**9/12/2022**	**63**	**Yes**	**126**	**0.8959**	**0.1317**	**0**	**None**	**x^(1/3)**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-300**	**7.006**	**n/a**	**9/12/2022**	**7.1**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-303**	**7.006**	**n/a**	**9/12/2022**	**29**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-304**	**7.006**	**n/a**	**9/12/2022**	**64**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-305**	**7.006**	**n/a**	**9/16/2022**	**21**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Chloride (mg/L)	**MW-308**	**7.006**	**n/a**	**9/12/2022**	**40**	**Yes**	**126**	**5.26**	**0.9732**	**0**	**None**	**No**	**0.001504**	**Param Inter 1 of 2**
Fluoride (mg/L)	MW-300	0.12	n/a	9/12/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-303	0.12	n/a	9/12/2022	0.15J	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	MW-304	0.12	n/a	9/12/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**MW-305**	**0.12**	**n/a**	**9/16/2022**	**4.6**	**Yes**	**126**	**n/a**	**n/a**	**94.44**	**n/a**	**n/a**	**0.0001245**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	MW-308	0.12	n/a	9/12/2022	0.1ND	No	126	n/a	n/a	94.44	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	MW-300	5.5	n/a	9/12/2022	5ND	No	125	n/a	n/a	75.2	n/a	n/a	0.0001262	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**MW-303**	**5.5**	**n/a**	**9/12/2022**	**190**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-304**	**5.5**	**n/a**	**9/12/2022**	**450**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-305**	**5.5**	**n/a**	**9/16/2022**	**530**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**MW-308**	**5.5**	**n/a**	**9/12/2022**	**140**	**Yes**	**125**	**n/a**	**n/a**	**75.2**	**n/a**	**n/a**	**0.0001262**	**NP Inter (NDs) 1 of 2**
Total Dissolved Solids (mg/L)	MW-300	110	n/a	9/12/2022	22	No	126	n/a	n/a	22.22	n/a	n/a	0.0001245	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	**MW-303**	**110**	**n/a**	**9/12/2022**	**460**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-304**	**110**	**n/a**	**9/12/2022**	**930**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-305**	**110**	**n/a**	**9/16/2022**	**770**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**
Total Dissolved Solids (mg/L)	**MW-308**	**110**	**n/a**	**9/12/2022**	**370**	**Yes**	**126**	**n/a**	**n/a**	**22.22**	**n/a**	**n/a**	**0.0001245**	**NP Inter (normality) 1 of 2**

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 126 background values. 76.19% NDs. Annual per-constituent alpha = 0.001244. Individual comparison alpha = 0.0001245 (1 of 2). Comparing 5 points to limit.

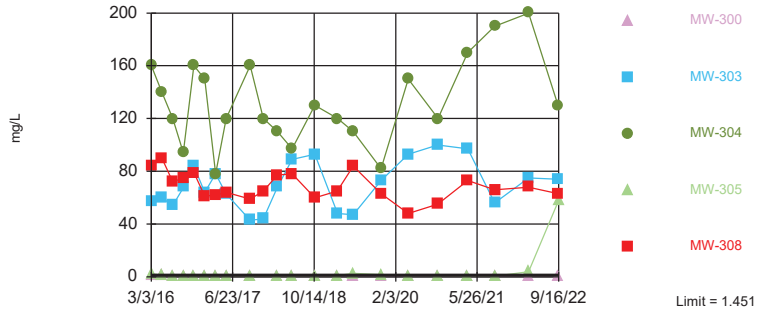
Constituent: Boron Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube root transformation): Mean=0.8959, Std. Dev.=0.1317, n=126. Normality test: Chi Squared @alpha = 0.01, calculated = 12.73, critical = 14.07. Kappa = 1.794 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

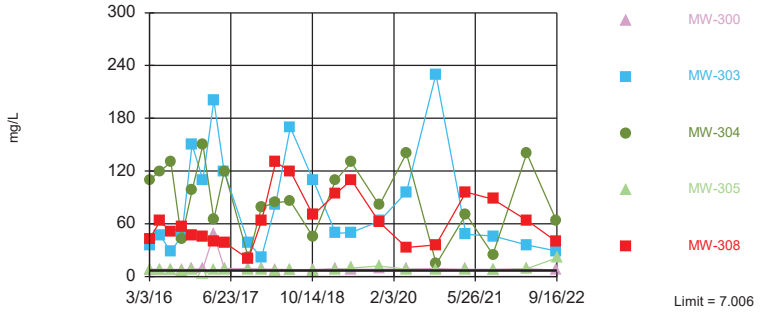
Constituent: Calcium Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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=5.26, Std. Dev.=0.9732, n=126. Normality test: Chi Squared @alpha = 0.01, calculated = 11.3, critical = 14.07. Kappa = 1.794 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

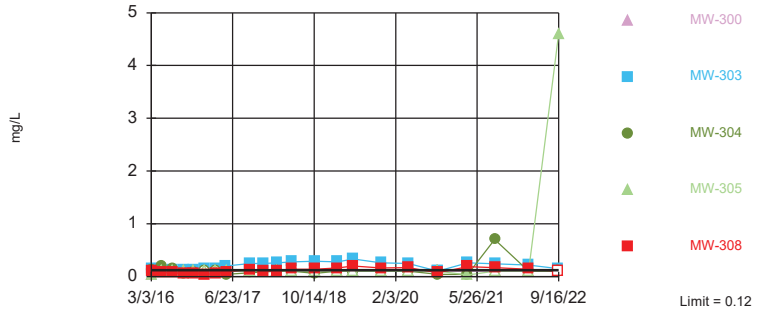
Constituent: Chloride Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-305

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 126 background values. 94.44% NDs. Annual per-constituent alpha = 0.001244. Individual comparison alpha = 0.0001245 (1 of 2). Comparing 5 points to limit.

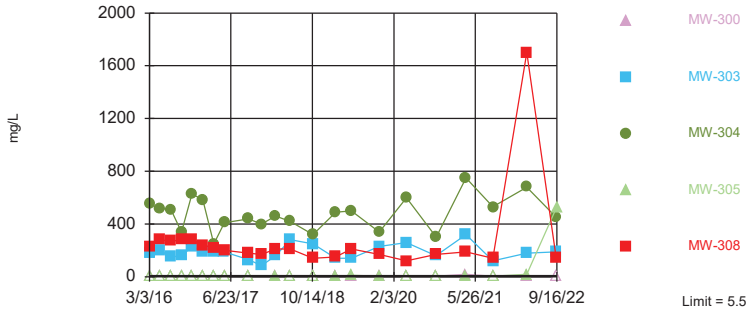
Constituent: Fluoride Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 125 background values. 75.2% NDs. Annual per-constituent alpha = 0.001262. Individual comparison alpha = 0.0001262 (1 of 2). Comparing 5 points to limit.

Constituent: Sulfate Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell

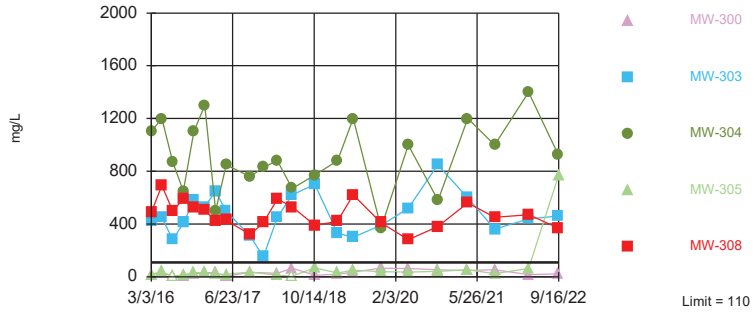
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304, MW-305, MW-308

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 126 background values. 22.22% NDs. Annual per-constituent alpha = 0.001244. Individual comparison alpha = 0.0001245 (1 of 2). Comparing 5 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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	<0.05	<0.05	<0.05	<0.05					
3/1/2016					<0.05	<0.05			
3/3/2016							3.2	<0.05	0.11 (J)
5/2/2016	<0.05	<0.05	<0.05			<0.05			
5/3/2016					<0.05				
5/4/2016				<0.05			4	<0.05 (*)	<0.05
7/5/2016	<0.05	<0.05	<0.05		<0.05	<0.05			
7/6/2016							2.6		
7/7/2016								0.034 (J)	<0.05
7/8/2016				<0.05					
9/6/2016	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
9/7/2016								<0.05	0.028 (J)
9/8/2016							3.6		
11/7/2016	<0.05	<0.05	<0.05		<0.05	<0.05		0.045 (J)	
11/8/2016							5		0.025 (J)
11/10/2016				<0.05					
1/9/2017	<0.05	<0.05	<0.05		<0.05	<0.05			
1/10/2017							4.2	<0.05 (*)	<0.05 (*)
1/11/2017				<0.05					
3/13/2017	<0.05	0.022 (J)	<0.05		<0.05	<0.05			
3/14/2017				<0.05					
3/15/2017								<0.05	<0.05
3/16/2017							3.5		
5/15/2017	<0.05	<0.05	<0.05		<0.05	<0.05	3.2		
5/16/2017								0.043 (J)	<0.05
5/18/2017				<0.05					
10/2/2017	<0.05	0.023 (J)	<0.05		<0.05	<0.05			
10/3/2017							2.9	0.026 (J)	0.03 (J)
10/5/2017				<0.05					
12/20/2017							2		
3/12/2018	<0.05	<0.05	<0.05		<0.05	<0.05			
3/13/2018							3.4	0.07	<0.05
3/14/2018				<0.05					
6/5/2018	<0.05	<0.05	<0.05						
6/6/2018					<0.05	<0.05			0.024 (J)
6/7/2018							5.6	0.1	
6/10/2018				<0.05					
10/16/2018	<0.05	<0.05	<0.05						
10/17/2018					<0.05	<0.05	7.3	0.074	
10/18/2018				0.081					0.022 (J)
2/27/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
2/28/2019							3.1	0.027 (J)	<0.05
5/31/2019	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2.7	<0.05	<0.05
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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
10/8/2020							3.6		
10/9/2020								0.018 (J)	0.025 (J)
3/29/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			
3/31/2021									0.046

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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 (J)	0.022 (J)	0.018 (J)	<0.05	<0.05	<0.05			
9/7/2021							3.1	<0.05	0.022 (J)
3/22/2022	0.013	0.017	0.013	0.012	0.009 (J)	0.0063 (J)			
3/24/2022							3.2	0.028	0.035
9/7/2022	0.031 (J)		0.031 (J)	0.029 (J)					
9/8/2022		0.055			0.027 (J)	0.025 (J)			
9/12/2022							5.2		0.05
9/16/2022								0.23	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		
3/24/2022	3.2	3.4
9/7/2022		
9/8/2022		
9/12/2022	3	2.5
9/16/2022		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.9	1.6	0.33	0.38	0.81	0.7			
3/24/2022							75	3.9	0.59
9/7/2022	1		0.61	0.6					
9/8/2022		2.1			0.69	0.82			
9/12/2022							74		0.71
9/16/2022								58	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	73	170
9/2/2021		
9/7/2021	66	190
3/22/2022		
3/24/2022	68	200
9/7/2022		
9/8/2022		
9/12/2022	63	130
9/16/2022		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022	5.9	8.8	4.7	4.9	5.6	4.8			
3/24/2022							36	9.2	9.2
9/7/2022	4.4		3.6	3.4					
9/8/2022		3.4			4.3	5.3			
9/12/2022							29		7.1
9/16/2022								21	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	96	71
9/2/2021		
9/7/2021	88	25
3/22/2022		
3/24/2022	64	140
9/7/2022		
9/8/2022		
9/12/2022	40	64
9/16/2022		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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	<0.1	<0.1	<0.1	<0.1					
3/1/2016					<0.1	0.033 (J)			
3/3/2016							0.15	0.035 (J)	0.041 (J)
5/2/2016	<0.1	<0.1	<0.1			<0.1			
5/3/2016					<0.1				
5/4/2016				<0.1			0.11	<0.1	<0.1
7/5/2016	<0.1	<0.1	<0.1		<0.1	<0.1			
7/6/2016							0.13		
7/7/2016								<0.1	<0.1
7/8/2016				<0.1					
9/6/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
9/7/2016								<0.1	<0.1
9/8/2016							0.12		
11/7/2016	<0.1	<0.1	<0.1		<0.1	<0.1		<0.1	
11/8/2016							0.13		<0.1
11/10/2016				<0.1					
1/9/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
1/10/2017							0.15	<0.1	<0.1
1/11/2017				<0.1					
3/13/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
3/14/2017				<0.1					
3/15/2017								<0.1	<0.1
3/16/2017							0.16		
5/15/2017	<0.1	<0.1	<0.1		<0.1	<0.1	0.2		
5/16/2017								<0.1	<0.1
5/18/2017				<0.1					
10/2/2017	<0.1	<0.1	<0.1		<0.1	<0.1			
10/3/2017							0.25	<0.1	<0.1
10/5/2017				<0.1					
12/20/2017							0.25		
3/12/2018	<0.1	<0.1	<0.1		<0.1	<0.1			
3/13/2018							0.26	<0.1	<0.1
3/14/2018				0.12					
6/5/2018	<0.1	<0.1	<0.1						
6/6/2018					<0.1	<0.1			<0.1
6/7/2018							0.28	<0.1	
6/10/2018				<0.1					
10/16/2018	<0.1	<0.1	<0.1						
10/17/2018					<0.1	<0.1	0.29	<0.1	
10/18/2018				<0.1					<0.1
2/27/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
2/28/2019							0.28	<0.1	<0.1
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.33	<0.1	<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/11/2019							0.26	<0.1	<0.1
4/16/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
4/18/2020							0.25	<0.1	<0.1
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
10/8/2020							<0.1		
10/9/2020								<0.1	<0.1
3/29/2021	0.06	<0.1	<0.1	<0.1	<0.1	<0.1			
3/31/2021									<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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 (J)	<0.1	0.1	0.04 (J)	<0.1	0.04 (J)			
9/7/2021							0.24	<0.1	<0.1
3/22/2022	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
3/24/2022							0.22	<0.1	<0.1
9/7/2022	<0.1		<0.1	<0.1					
9/8/2022		<0.1			<0.1	<0.1			
9/12/2022							0.15 (J)		<0.1
9/16/2022								4.6	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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)	<0.1
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017		<0.1
3/16/2017	0.06 (J)	
5/15/2017		
5/16/2017	0.09 (J)	0.04 (J)
5/18/2017		
10/2/2017		
10/3/2017	0.13	0.07 (J)
10/5/2017		
12/20/2017	0.1	
3/12/2018		
3/13/2018	0.1	<0.1
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	0.14	<0.1
6/10/2018		
10/16/2018		
10/17/2018	0.14	0.06 (J)
10/18/2018		
2/27/2019	0.16	
2/28/2019		<0.1
5/31/2019	0.2	<0.1
11/6/2019		
11/11/2019	0.16	<0.1
4/16/2020		
4/18/2020	0.17	<0.1
10/7/2020		
10/8/2020	0.07 (J)	
10/9/2020		0.04 (J)
3/29/2021		
3/31/2021		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		
3/24/2022	0.14	<0.1
9/7/2022		
9/8/2022		
9/12/2022	<0.1	<0.1
9/16/2022		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-300	MW-303	MW-308
2/29/2016	<5	<5	1.6 (J)	<5					
3/1/2016					<5	<5			
3/3/2016							<5	180	230
5/2/2016	15 (o)	<5	2.1 (J)		<5				
5/3/2016						<5			
5/4/2016				<5			<5	200	280
7/5/2016	<5	<5	2 (J)		<5	<5			
7/6/2016								150	270
7/7/2016							<5		
7/8/2016				<5					
9/6/2016	<5	<5	1.8 (J)	<5	3.7 (J)	<5			
9/7/2016							<5		280
9/8/2016								160	
11/7/2016	<5	<5	1.7 (J)		<5	<5			
11/8/2016							<5	230	280
11/10/2016				<5					
1/9/2017	<5	2.6 (J)	1.5 (J)		<5	<5			
1/10/2017							<5	190	240
1/11/2017				<5					
3/13/2017	2.5 (J)	<5	2.2 (J)		<5	<5			
3/14/2017				<5					
3/15/2017							<5 (*)		
3/16/2017								190	220
5/15/2017	<5	<5	1.9 (J)		<5	<5		190	
5/16/2017							<5		200
5/18/2017				<5 (X)					
10/2/2017	<5	<5	3.4 (J)		1.7 (J)	1.5 (J)			
10/3/2017							<5	130	180
10/5/2017				<5					
12/20/2017								85	170
3/12/2018	<5	<5	2.6 (J)		<5	<5			
3/13/2018							<5	160	210
3/14/2018				<5					
6/5/2018	<5	<5	2.6 (J)						
6/6/2018					<5	<5	<5		
6/7/2018								280	210
6/10/2018				1.5 (J)					
10/16/2018	<5	<5	2.8 (J)						
10/17/2018					<5	<5		250	140
10/18/2018				<5			<5		
2/27/2019	<5	<5	2.4 (J)	1.9 (J)	<5	<5			150
2/28/2019							<5	140	
5/31/2019	<5	<5	3.3 (J)	<5	<5	<5	<5	140	210
11/6/2019	<5	<5	3.7 (J)	<5	<5	<5			
11/11/2019							<5	230	170
4/16/2020	<5	<5	1.7 (J)	<5	<5	<5			
4/18/2020							<5	260	120
10/7/2020	<5	<5	4 (J)	<5	<5	<5			
10/8/2020								160	170
10/9/2020							<5		
3/29/2021	<5	<5	2.3	<5	<5	<5			
3/31/2021							18		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-107 (bg)	MW-108 (bg)	MW-101 (bg)	MW-307 (bg)	MW-306 (bg)	MW-300	MW-303	MW-308
4/1/2021								320	190
9/2/2021	<5	<5	4.7 (J)	<5	<5	<5			
9/7/2021							<5	120	140
3/22/2022	<5	<5	4.5 (J)	<5	<5	<5			
3/24/2022							<5	180	1700
9/7/2022	1.7 (J)	1.4 (J)		1.5 (J)					
9/8/2022			5.5		<5	<5			
9/12/2022							<5	190	140
9/16/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305
2/29/2016		
3/1/2016		
3/3/2016	550	<5
5/2/2016		
5/3/2016		
5/4/2016	520	<5
7/5/2016		
7/6/2016	510	
7/7/2016		<5
7/8/2016		
9/6/2016		
9/7/2016	340	<5
9/8/2016		
11/7/2016		<5
11/8/2016	630	
11/10/2016		
1/9/2017		
1/10/2017	580	<5
1/11/2017		
3/13/2017		
3/14/2017		
3/15/2017	250	<5 (*)
3/16/2017		
5/15/2017		
5/16/2017	410	<5
5/18/2017		
10/2/2017		
10/3/2017	440	<5
10/5/2017		
12/20/2017	400	
3/12/2018		
3/13/2018	460	1.5 (J)
3/14/2018		
6/5/2018		
6/6/2018		
6/7/2018	420	<5
6/10/2018		
10/16/2018		
10/17/2018	320	<5
10/18/2018		
2/27/2019		
2/28/2019	490	2.6 (J)
5/31/2019	500	12
11/6/2019		
11/11/2019	340	5.5
4/16/2020		
4/18/2020	600	<5
10/7/2020		
10/8/2020		
10/9/2020	300	<5
3/29/2021		
3/31/2021		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305
4/1/2021	750	1.9
9/2/2021		
9/7/2021	530	<5
3/22/2022		
3/24/2022	680	18
9/7/2022		
9/8/2022		
9/12/2022	450	
9/16/2022		530

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL 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
3/22/2022	58	46	18	14	84	22			
3/24/2022							440	62	16
9/7/2022	36		22	14					
9/8/2022		44			24	48			
9/12/2022							460		22
9/16/2022								770	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:54 AM View: 300 Series Interwell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-308	MW-304
4/1/2021	560	1200
9/2/2021		
9/7/2021	450	1000
3/22/2022		
3/24/2022	470	1400
9/7/2022		
9/8/2022		
9/12/2022	370	930
9/16/2022		

Appendix III - Intrawell Prediction Limits - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:51 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-305**	**5.367**	**4.441**	**9/16/2022**	**3.8**	**Yes**	**14**	**4.904**	**0.2071**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**

Appendix III - Intrawell Prediction Limits - 300 Series Wells - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:51 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	9/7/2022	4.72	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	9/7/2022	4.89	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	9/7/2022	4.92	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	9/8/2022	4.78	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	9/12/2022	4.64	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	9/12/2022	6.76	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	9/12/2022	6.13	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**	**9/16/2022**	**3.8**	**Yes**	**14**	**4.904**	**0.2071**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Field pH (SU)	MW-306	5.478	4.584	9/8/2022	4.87	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	9/8/2022	5.13	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	9/12/2022	6.58	No	14	6.178	0.2805	0	None	No	0.000752	Param Intra 1 of 2

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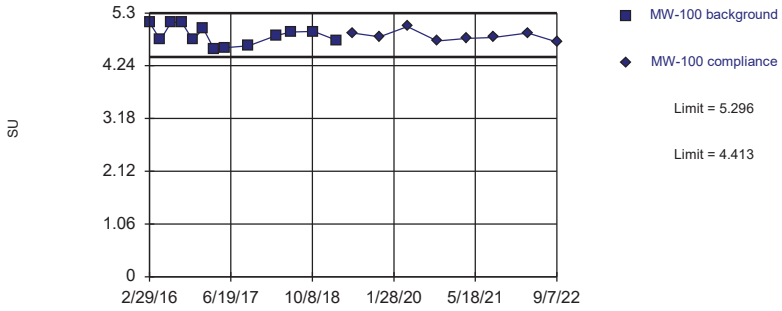
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.855, Std. Dev.=0.1936, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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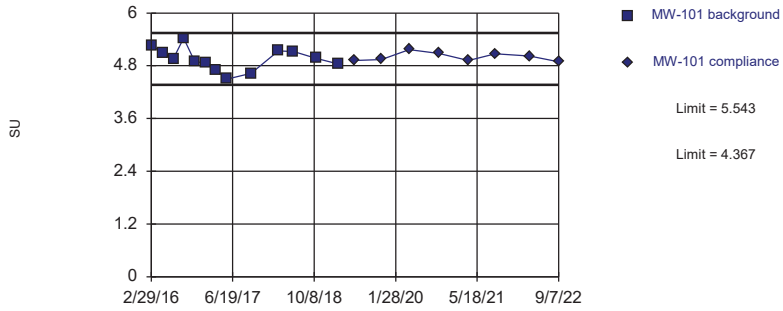
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.955, Std. Dev.=0.258, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9894, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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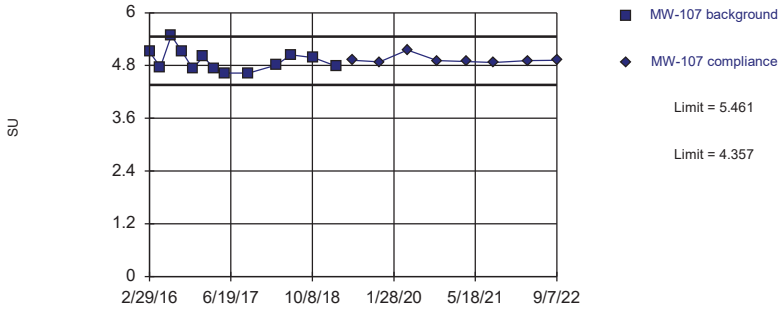
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, Std. Dev.=0.2421, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

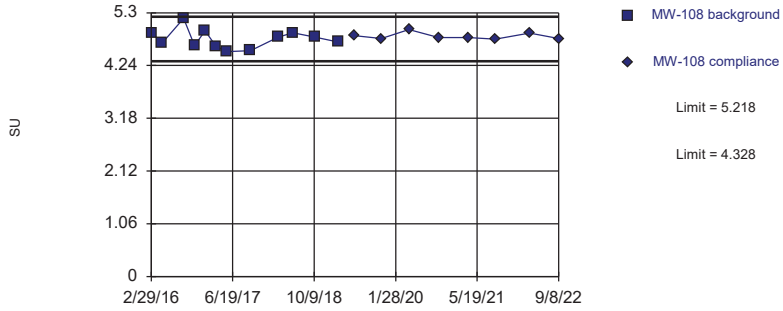
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.322 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

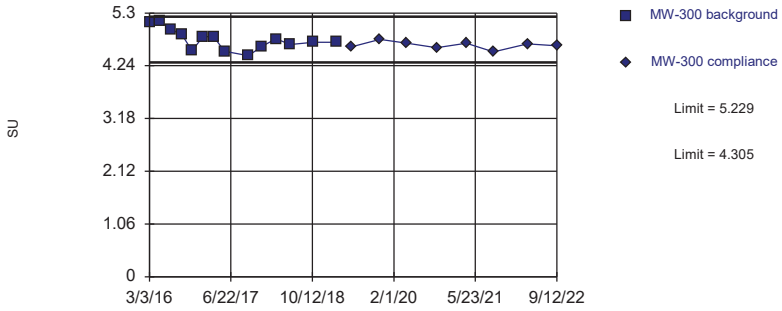
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.767, Std. Dev.=0.2067, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

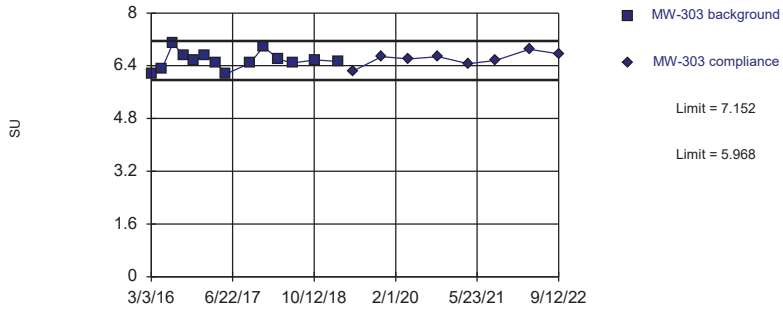
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.56, Std. Dev.=0.2649, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

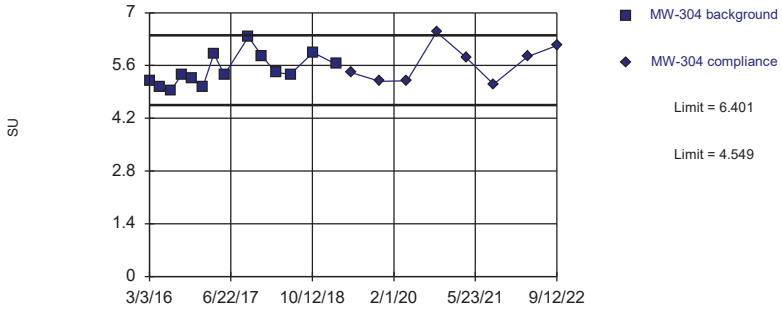
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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 1/13/2023 1:50 AM View: 300 Series Intrawell

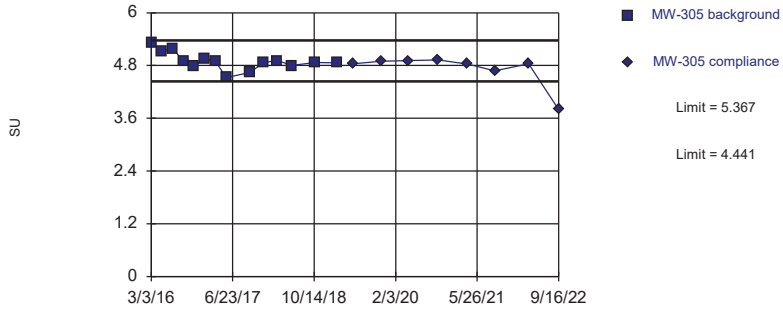
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.904, Std. Dev.=0.2071, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

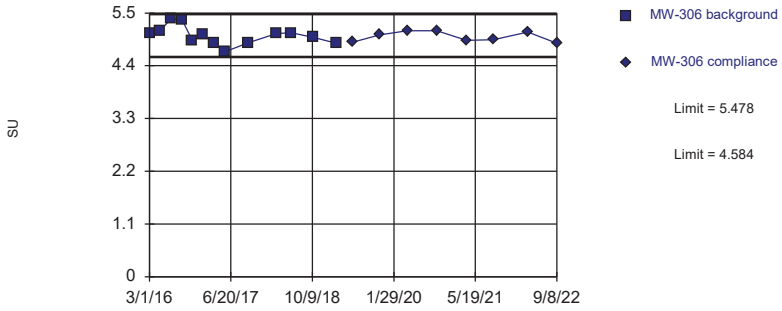
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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 1/13/2023 1:50 AM View: 300 Series Intrawell

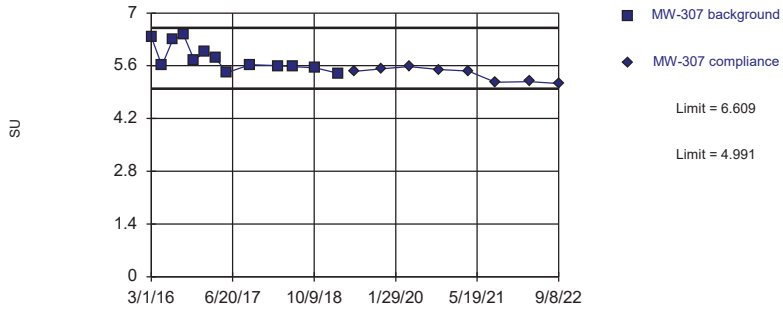
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.3549, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8636, critical = 0.814. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/13/2023 1:50 AM View: 300 Series Intrawell

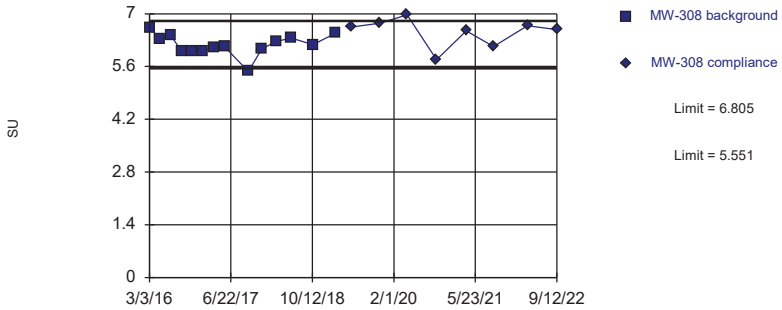
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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 1/13/2023 1:50 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.9
9/7/2022		4.72

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.02
9/7/2022		4.89

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.91
9/7/2022		4.92

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		4.89
9/8/2022		4.78

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		4.68
9/12/2022		4.64

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		6.9
9/12/2022		6.76

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		5.83
9/12/2022		6.13

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		4.84
9/16/2022		3.8

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.1
9/8/2022		4.87

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/22/2022		5.18
9/8/2022		5.13

Prediction Limit

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:51 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL 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
3/24/2022		6.68
9/12/2022		6.58

Trend Tests - 100, 200 & 300 Series

100 Series

Appendix III Trend Test Summary - 100 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 12:28 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**MW-109**	**0.06335**	**116**	**87**	**Yes**	**21**	**19.05**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-103**	**-0.1377**	**-97**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-104**	**4.237**	**119**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**151**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-102**	**0.329**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-109**	**2.349**	**137**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-105**	**0.05938**	**114**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 100 Series Wells - All Results

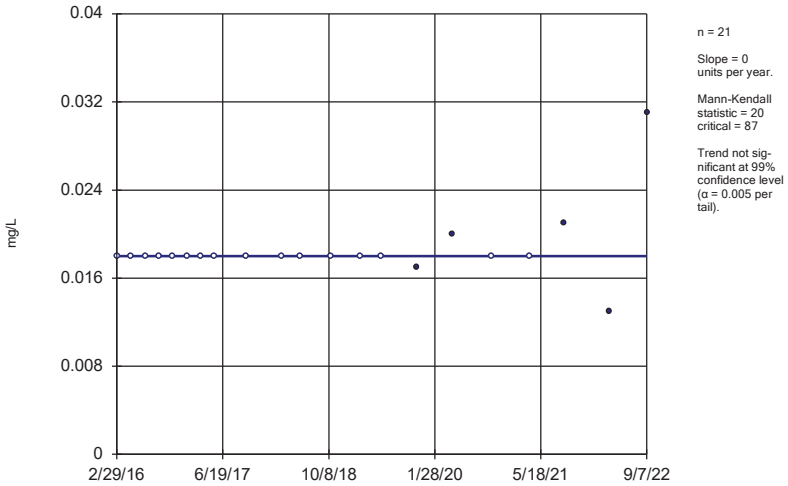
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 12:28 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	20	87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-50	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-102	0	-19	-87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	MW-103	-0.02497	-64	-92	No	22	13.64	n/a	n/a	0.01	NP
Boron (mg/L)	MW-104	0	18	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-105	-0.004993	-4	-92	No	22	9.091	n/a	n/a	0.01	NP
Boron (mg/L)	MW-106	0	42	87	No	21	47.62	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-21	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	11	87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-109**	**0.06335**	**116**	**87**	**Yes**	**21**	**19.05**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-110	0.1834	74	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.003994	-18	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-102	-0.06055	-56	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-103**	**-0.1377**	**-97**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-104**	**4.237**	**119**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-105	0	0	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-106	-0.01941	-30	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01275	-46	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-109**	**0.4966**	**151**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-110	0.6129	23	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.01327	49	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.07515	26	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-102**	**0.329**	**112**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-104	0	4	92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.161	-81	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-80	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-109**	**2.349**	**137**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-110	0	1	92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.1601	72	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.01952	-35	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01247	-16	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-104	0.01375	44	92	No	22	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-105**	**0.05938**	**114**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-107 (bg)	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	2	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01775	-30	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-11	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-24	-87	No	21	85.71	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-102	0	-8	-87	No	21	76.19	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-103	-1.78	-92	-92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-104	30.39	46	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-105	-0.3837	-15	-92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-11	-87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-109	1.491	47	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-110	7.046	58	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	4	87	No	21	95.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	17	87	No	21	90.48	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.746	82	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9958	21	87	No	21	14.29	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-104	34.41	24	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-105	-7.663	-34	-92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.285	57	87	No	21	33.33	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.544	64	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-110	21.31	42	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.966	77	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.8038	19	87	No	21	19.05	n/a	n/a	0.01	NP

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 20 critical = 87

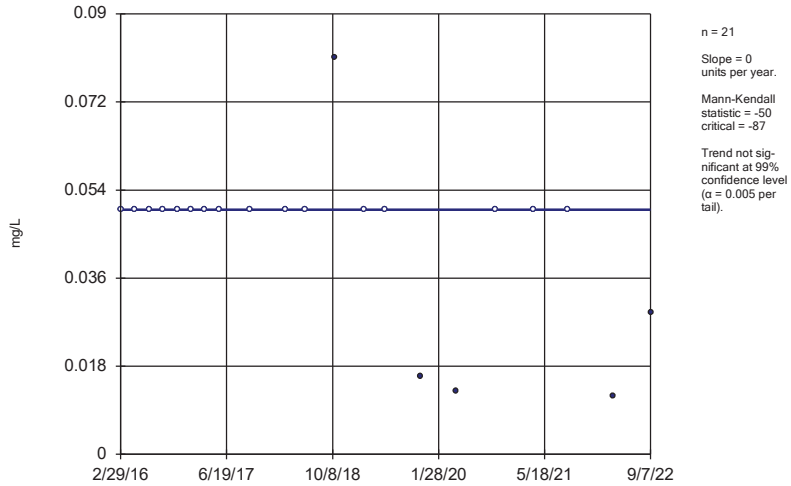
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -50 critical = -87

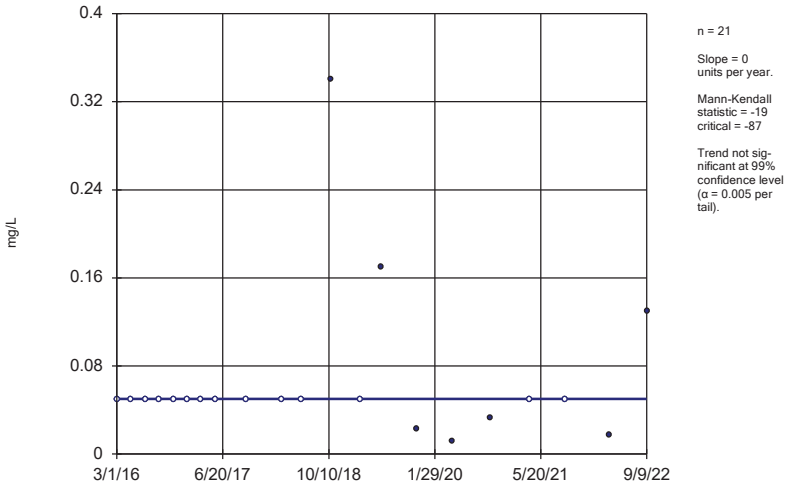
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-102



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -19 critical = -87

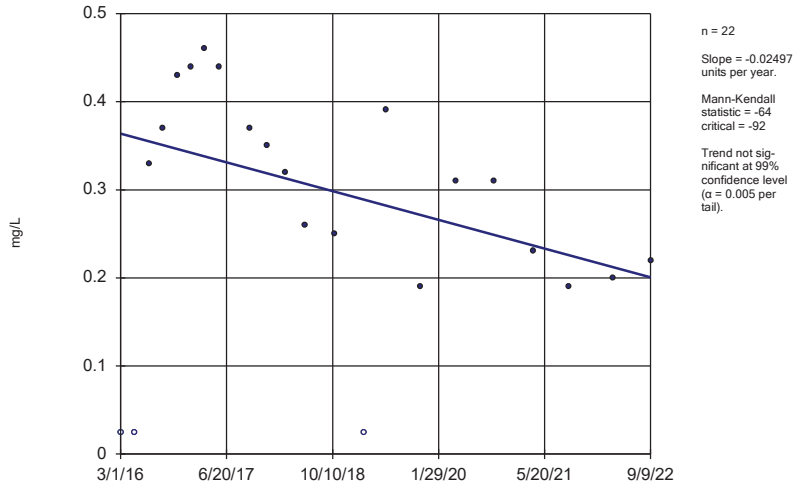
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-103



n = 22

Slope = -0.02497 units per year.

Mann-Kendall statistic = -64 critical = -92

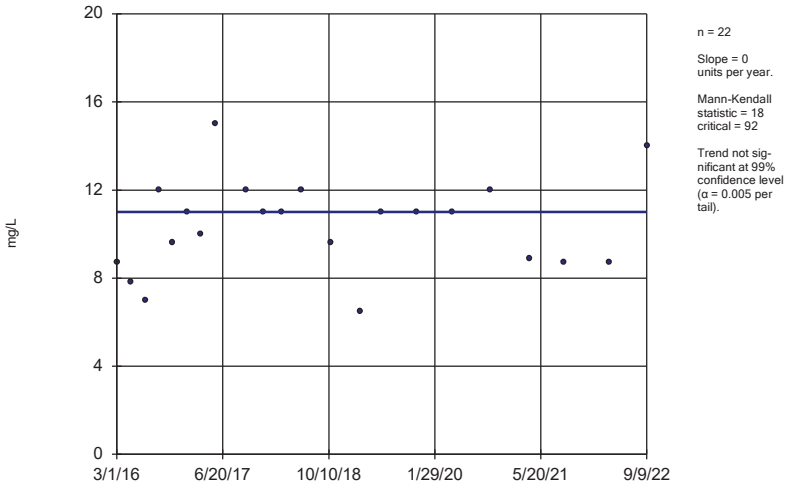
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-104



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 18 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

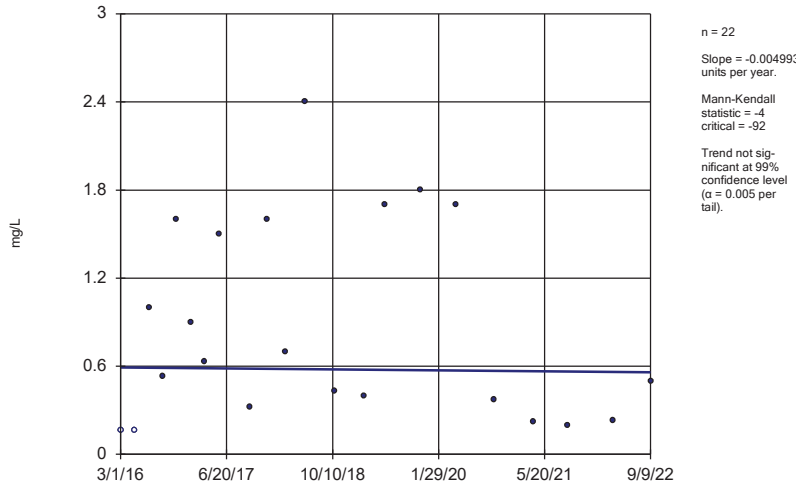
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-105



n = 22

Slope = -0.004993 units per year.

Mann-Kendall statistic = -4 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

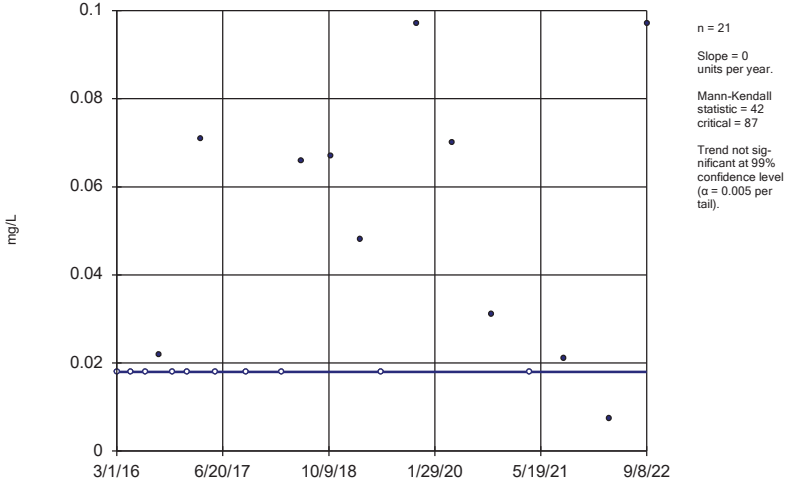
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-106



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 42 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

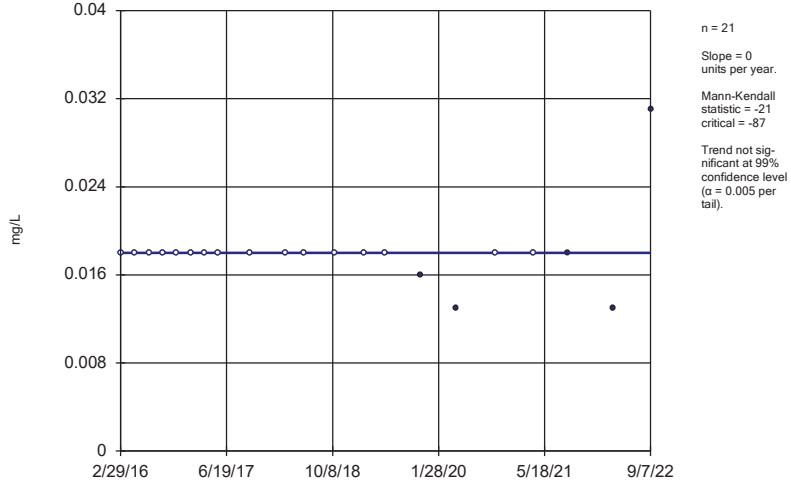
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -21 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

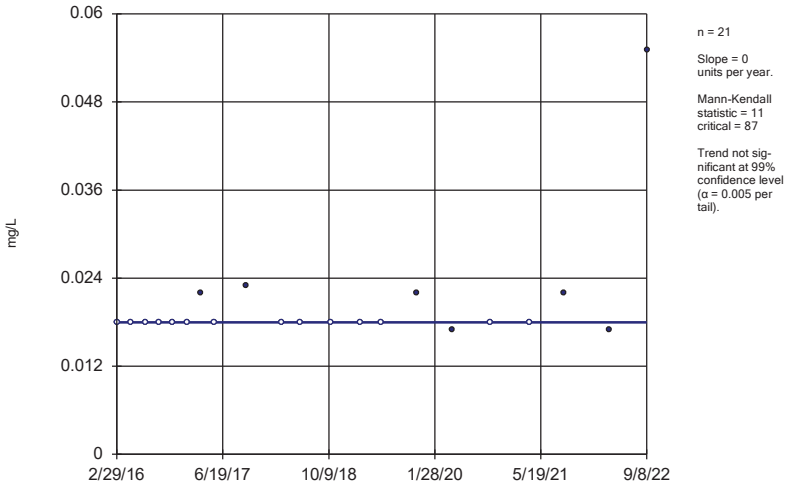
Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 11 critical = 87

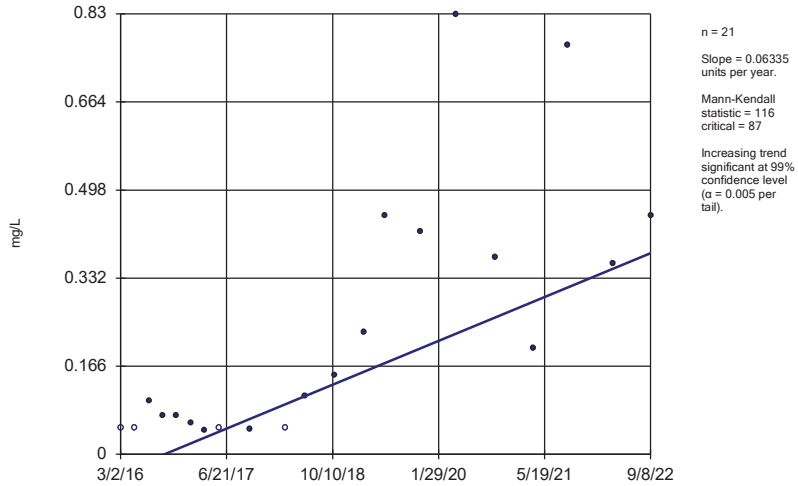
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-109



n = 21

Slope = 0.06335 units per year.

Mann-Kendall statistic = 116 critical = 87

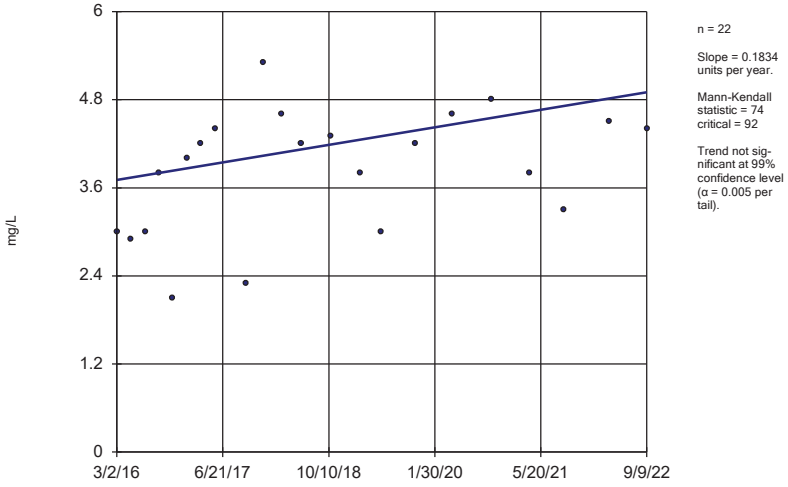
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-110



n = 22

Slope = 0.1834 units per year.

Mann-Kendall statistic = 74 critical = 92

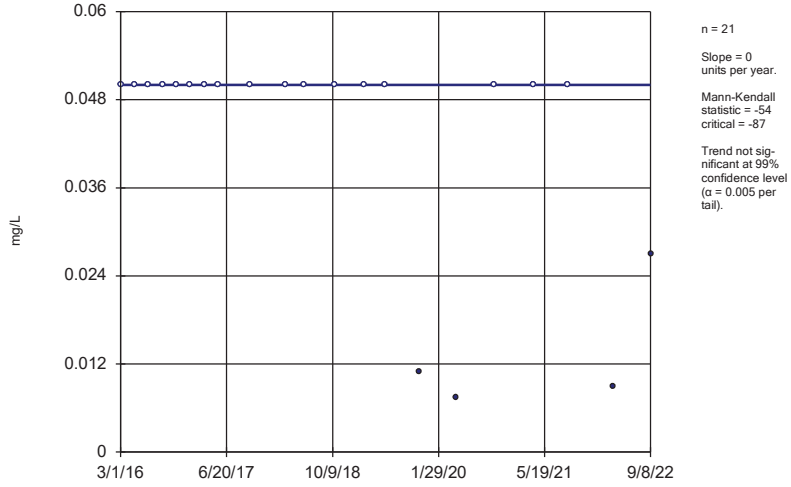
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -54 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

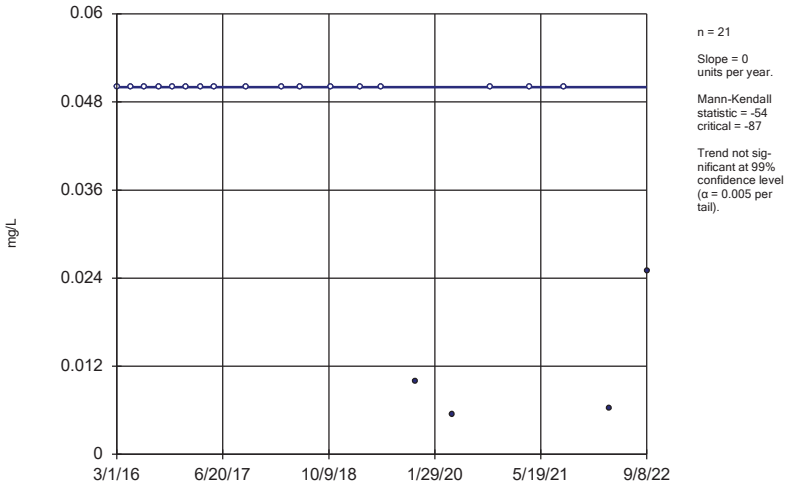
Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -54 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

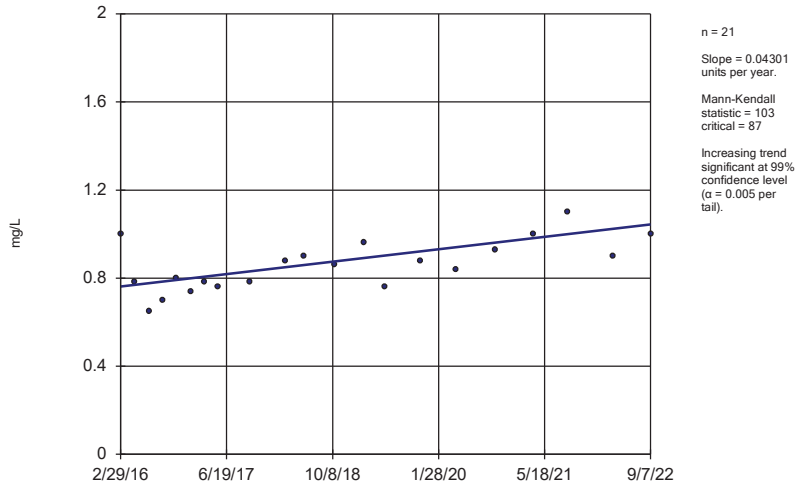
Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0.04301 units per year.

Mann-Kendall statistic = 103 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

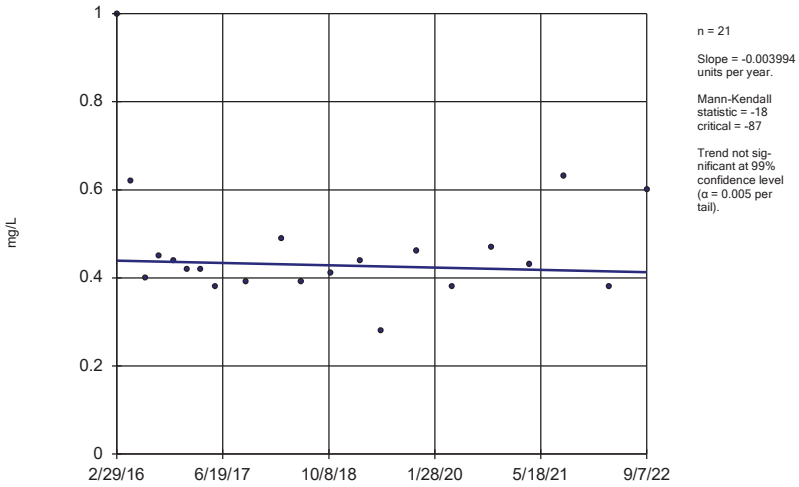
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = -0.003994 units per year.

Mann-Kendall statistic = -18 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

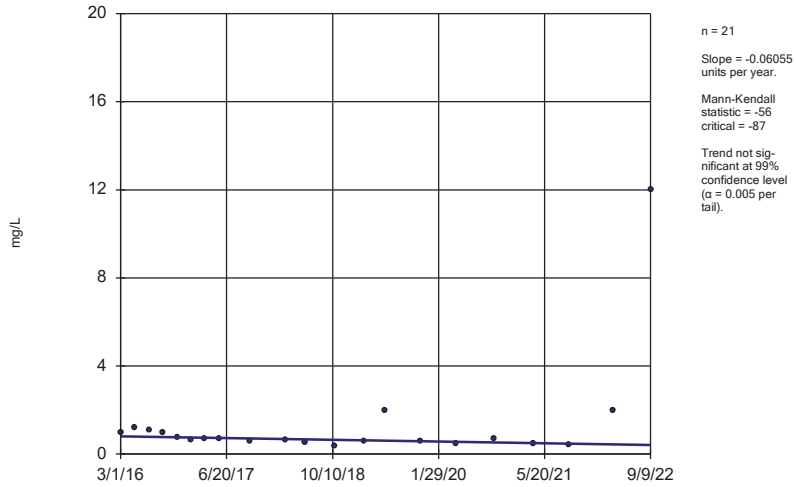
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-102



n = 21

Slope = -0.06055 units per year.

Mann-Kendall statistic = -56 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

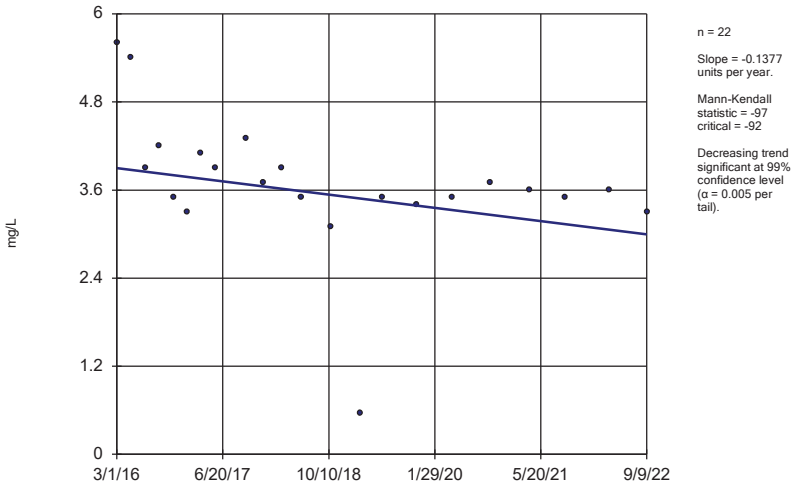
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-103



n = 22

Slope = -0.1377 units per year.

Mann-Kendall statistic = -97
critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

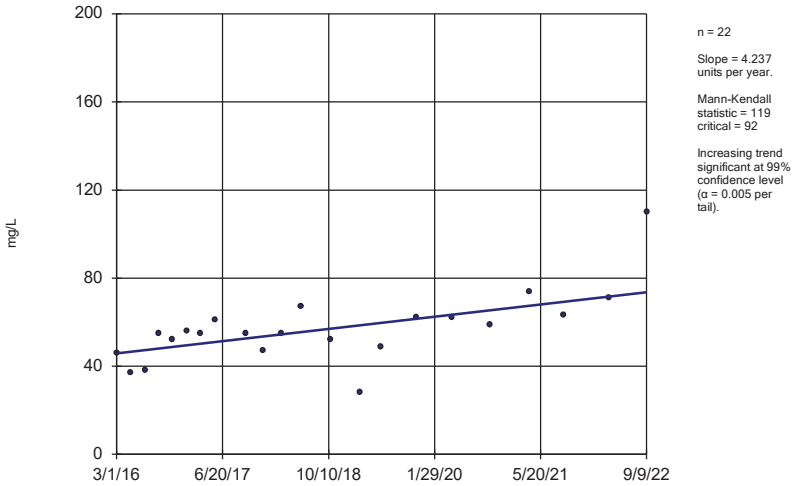
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-104



n = 22

Slope = 4.237 units per year.

Mann-Kendall statistic = 119
critical = 92

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

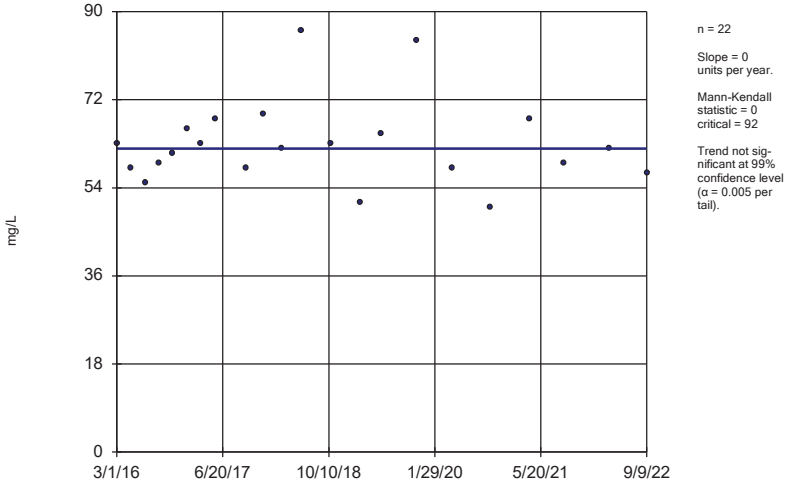
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-105



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

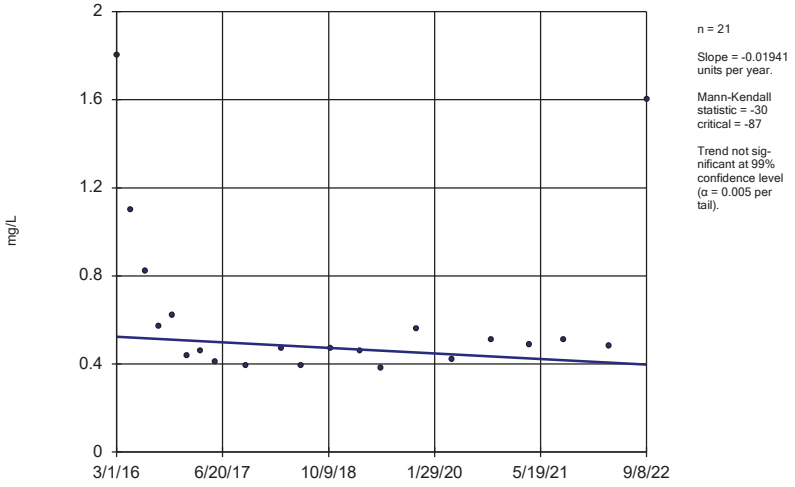
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-106



n = 21

Slope = -0.01941 units per year.

Mann-Kendall statistic = -30
critical = -87

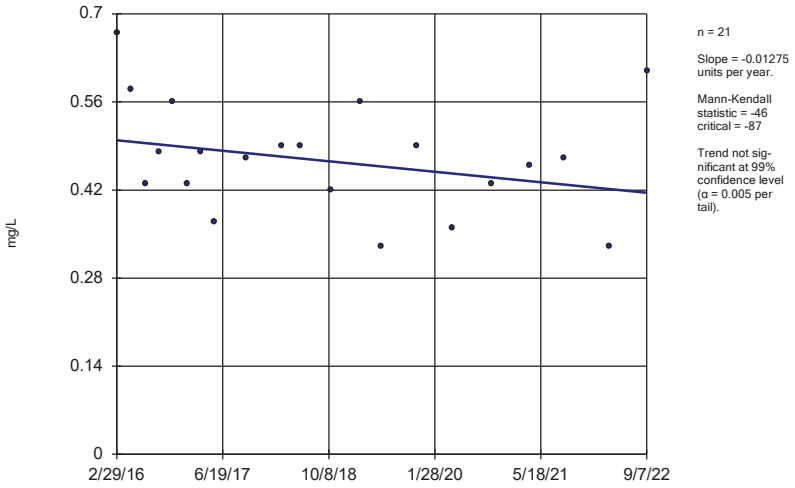
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = -0.01275 units per year.

Mann-Kendall statistic = -46
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

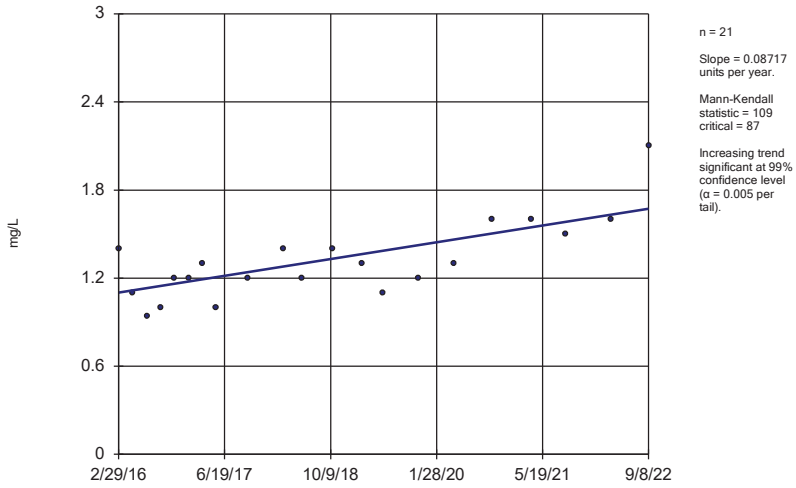
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0.08717 units per year.

Mann-Kendall statistic = 109
critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

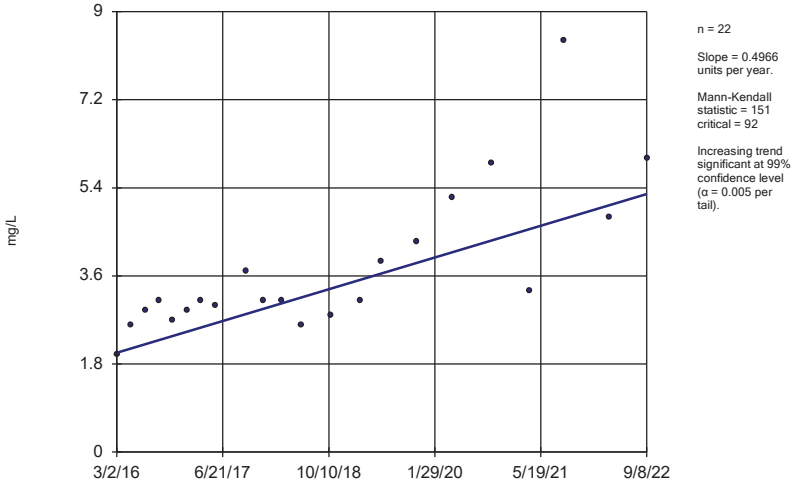
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-109



n = 22

Slope = 0.4966 units per year.

Mann-Kendall statistic = 151
critical = 92

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

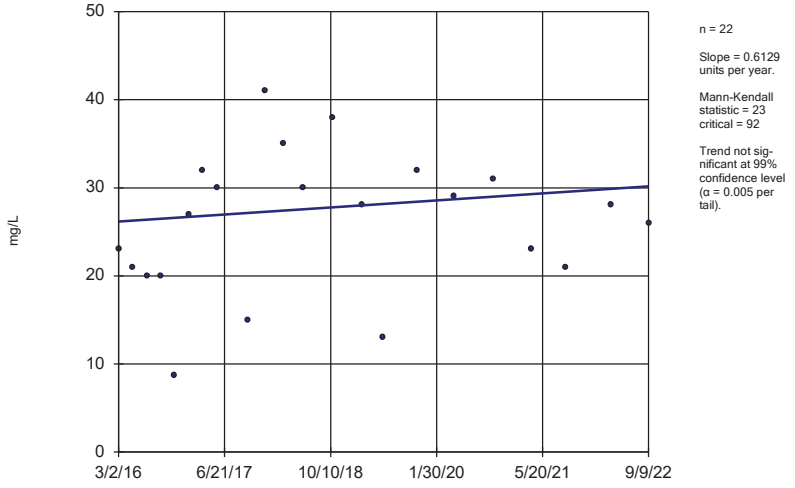
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-110



n = 22

Slope = 0.6129 units per year.

Mann-Kendall statistic = 23
critical = 92

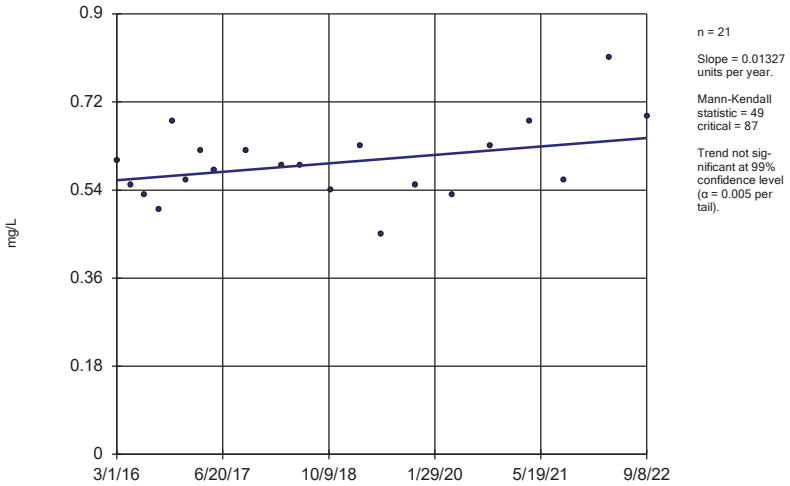
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0.01327 units per year.

Mann-Kendall statistic = 49 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

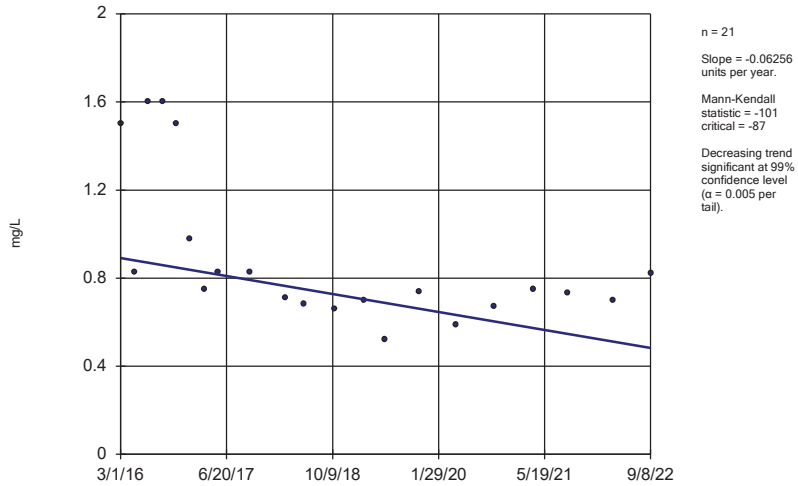
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = -0.06256 units per year.

Mann-Kendall statistic = -101 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

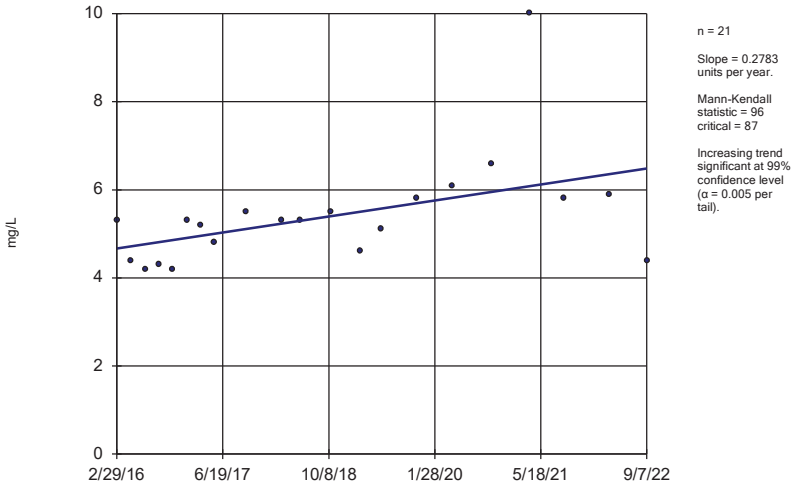
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0.2783 units per year.

Mann-Kendall statistic = 96 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

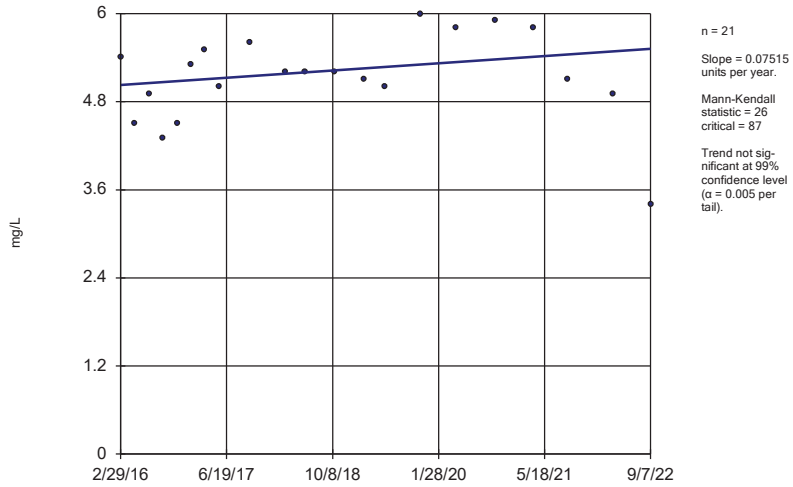
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0.07515 units per year.

Mann-Kendall statistic = 26 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

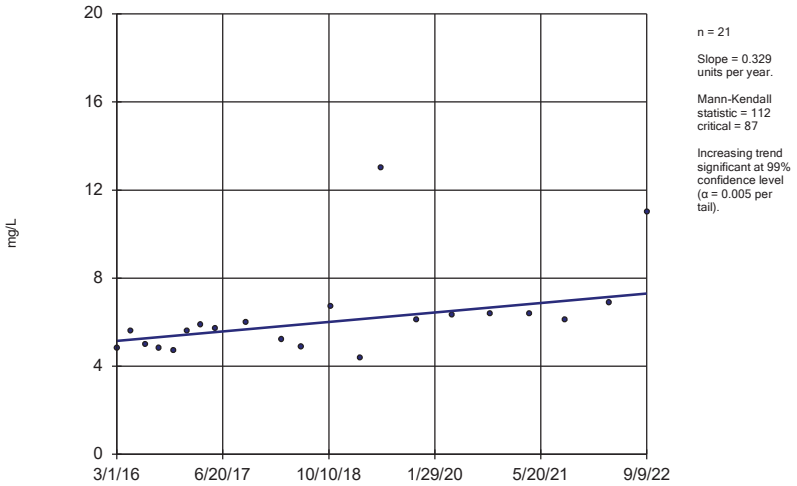
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-102



n = 21

Slope = 0.329 units per year.

Mann-Kendall statistic = 112 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

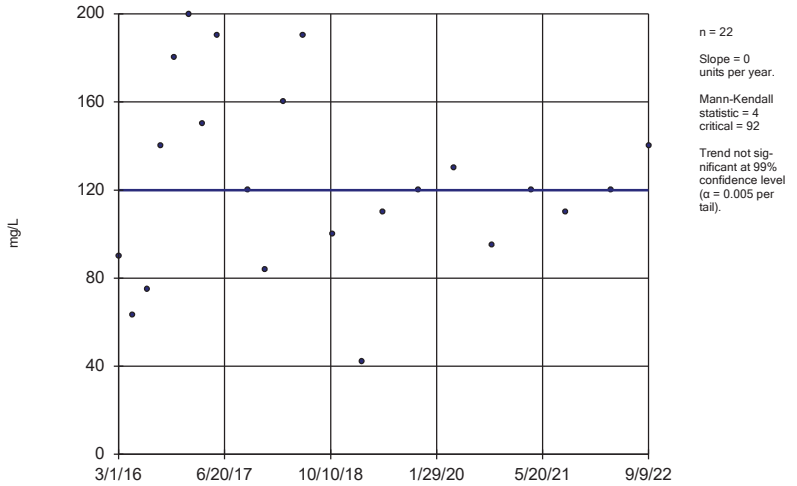
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-104



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 4 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

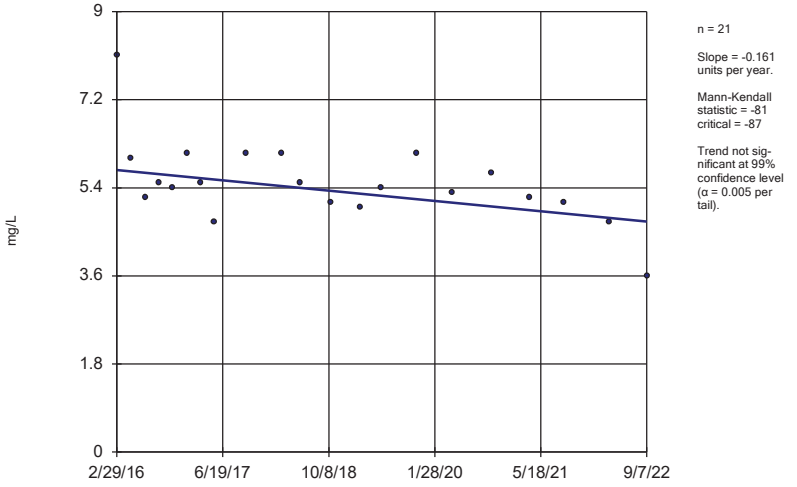
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = -0.161 units per year.

Mann-Kendall statistic = -81 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

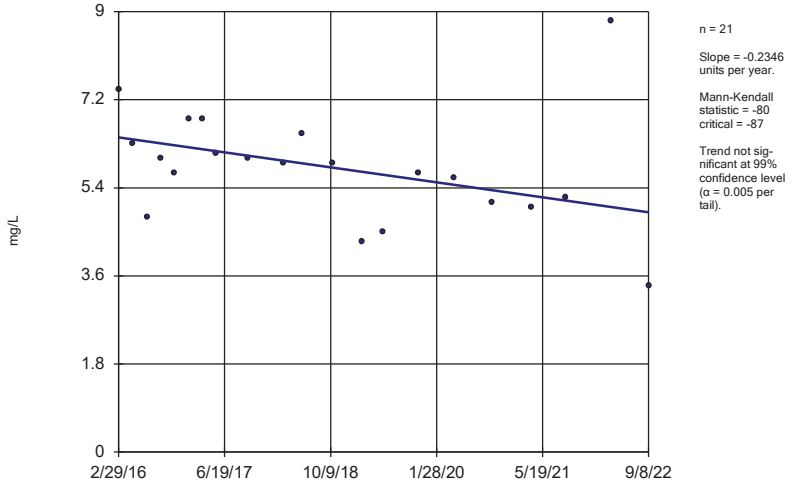
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = -0.2346 units per year.

Mann-Kendall statistic = -80 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

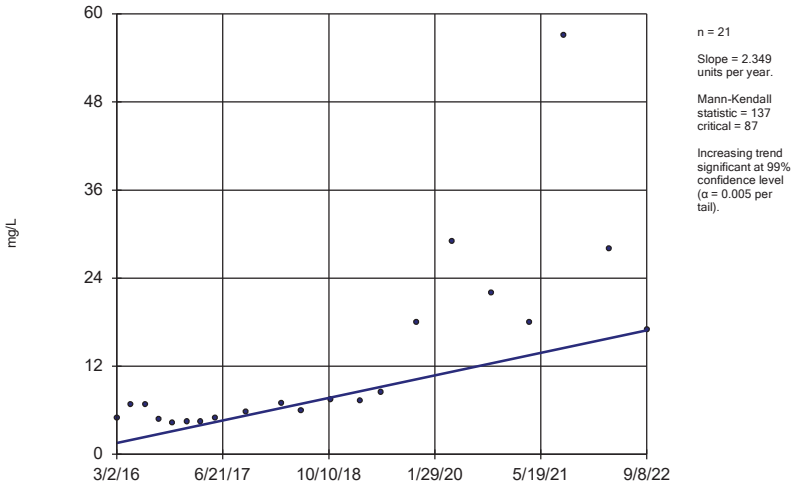
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-109



n = 21

Slope = 2.349 units per year.

Mann-Kendall statistic = 137 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

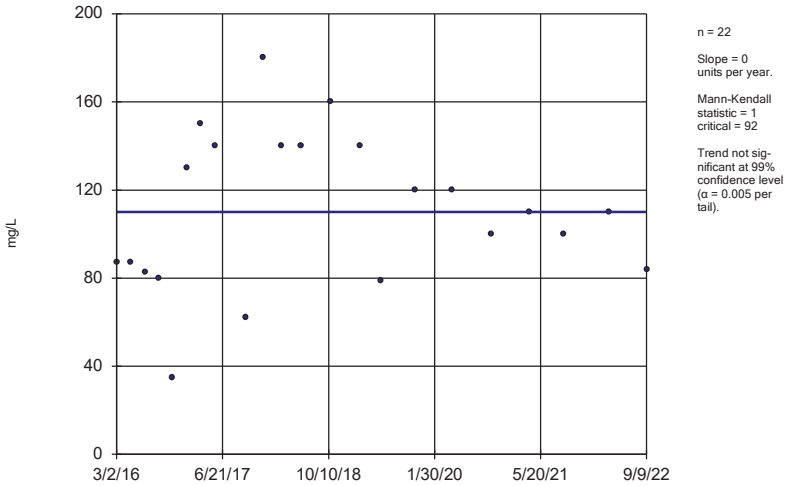
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-110



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 1 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

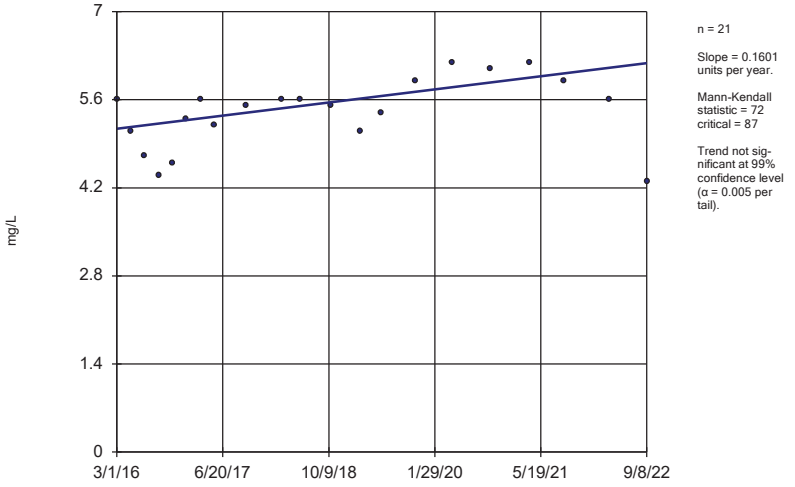
Constituent: Chloride Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0.1601 units per year.

Mann-Kendall statistic = 72 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

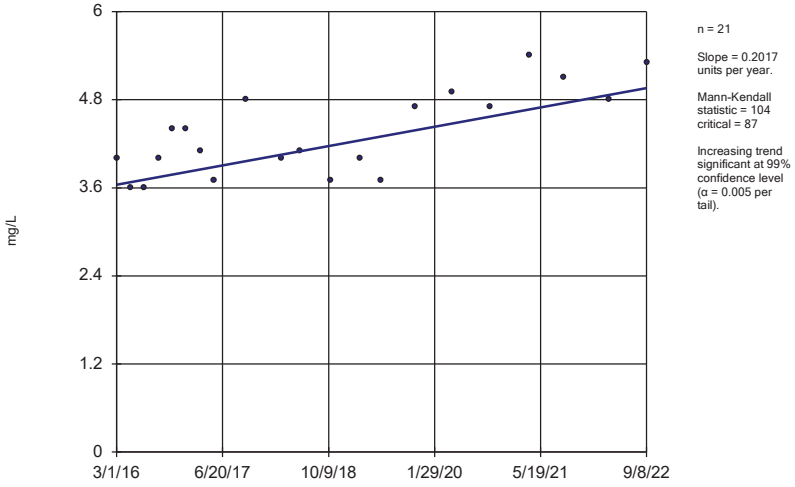
Constituent: Chloride Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0.2017 units per year.

Mann-Kendall statistic = 104 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

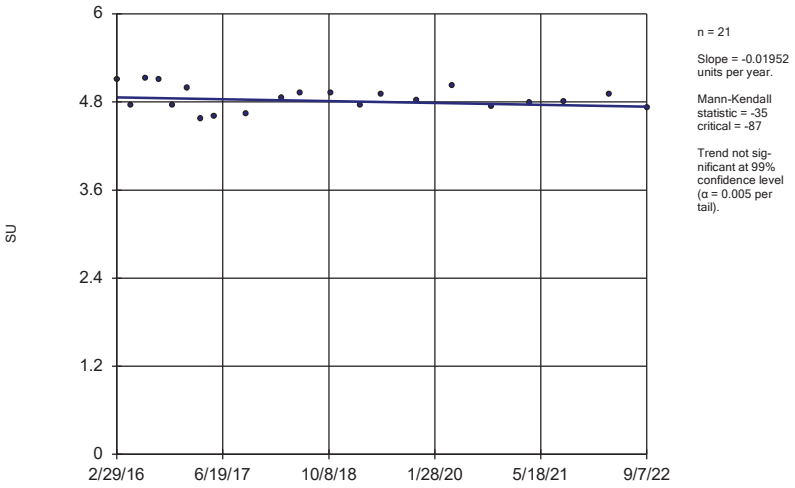
Constituent: Chloride Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = -0.01952 units per year.

Mann-Kendall statistic = -35 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

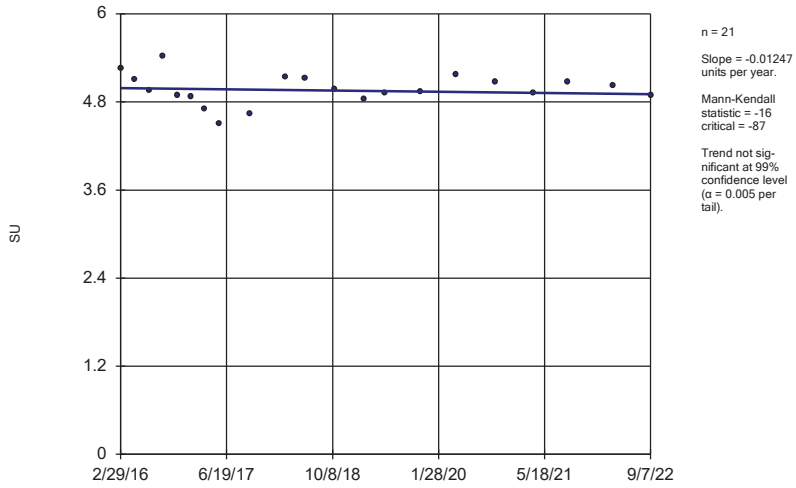
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = -0.01247 units per year.

Mann-Kendall statistic = -16 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

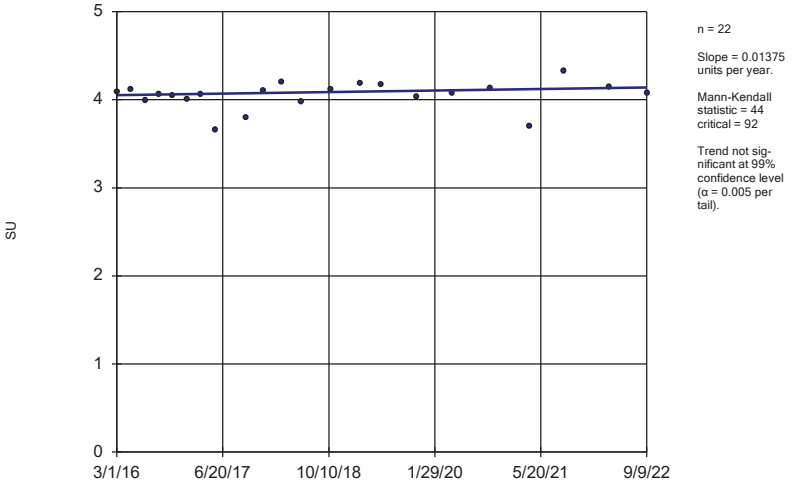
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-104



n = 22

Slope = 0.01375 units per year.

Mann-Kendall statistic = 44 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

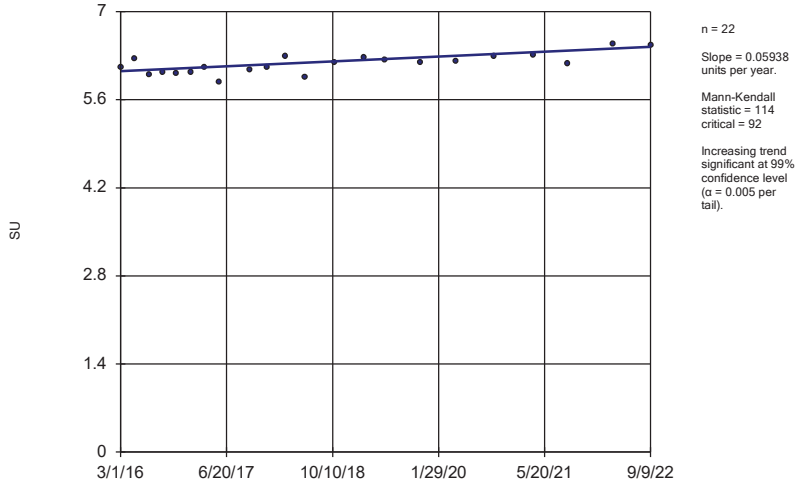
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-105



n = 22

Slope = 0.05938 units per year.

Mann-Kendall statistic = 114 critical = 92

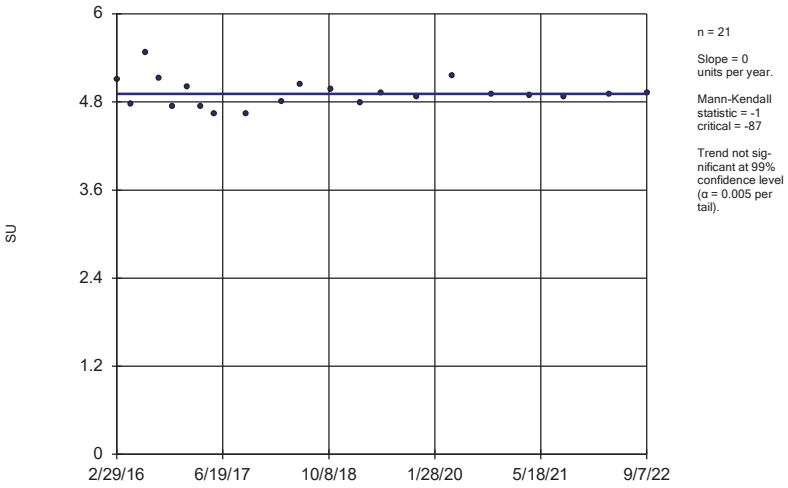
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

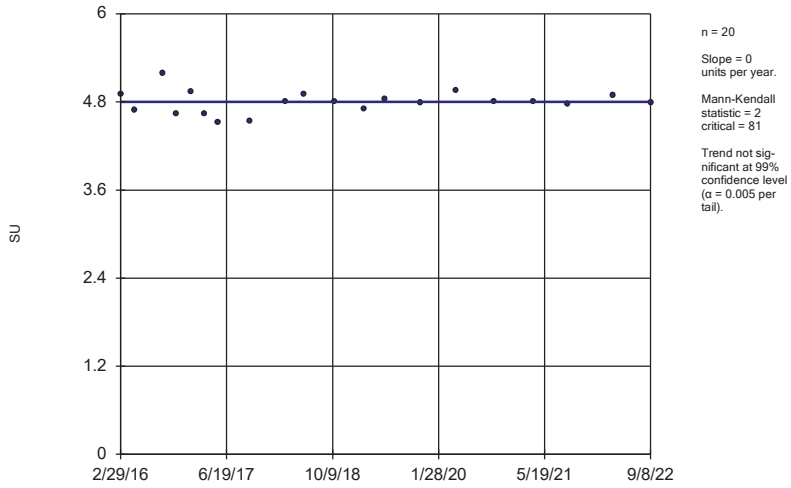
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

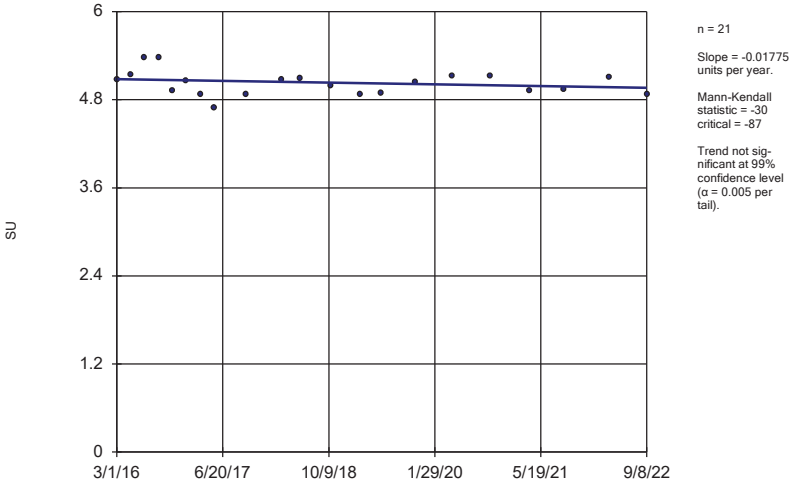
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = -0.01775 units per year.

Mann-Kendall statistic = -30 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

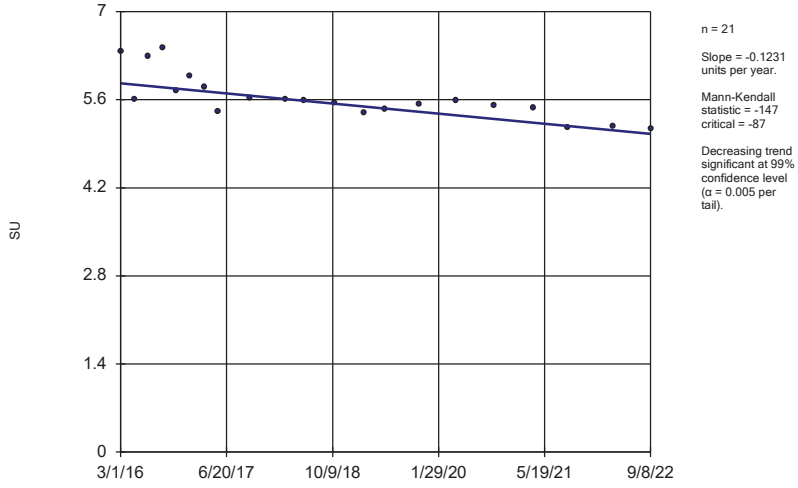
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = -0.1231 units per year.

Mann-Kendall statistic = -147 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

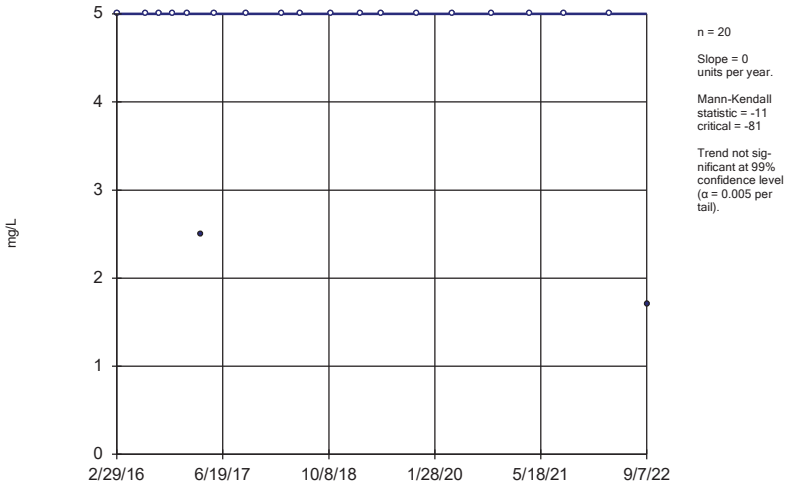
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -11
critical = -81

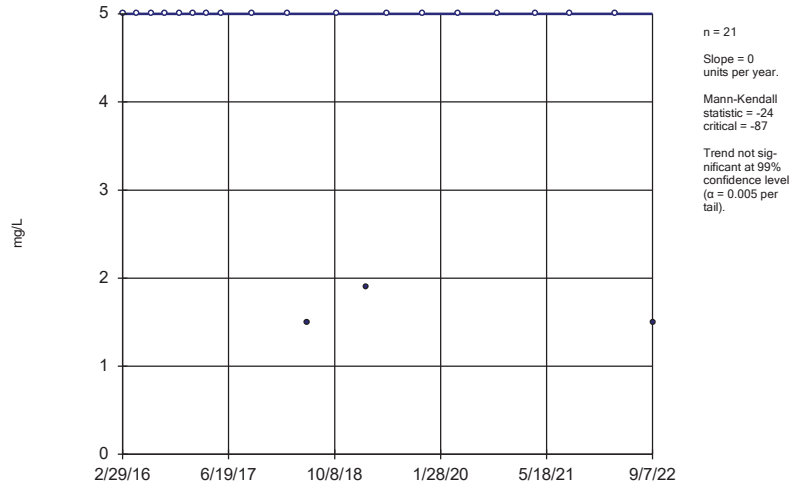
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -24
critical = -87

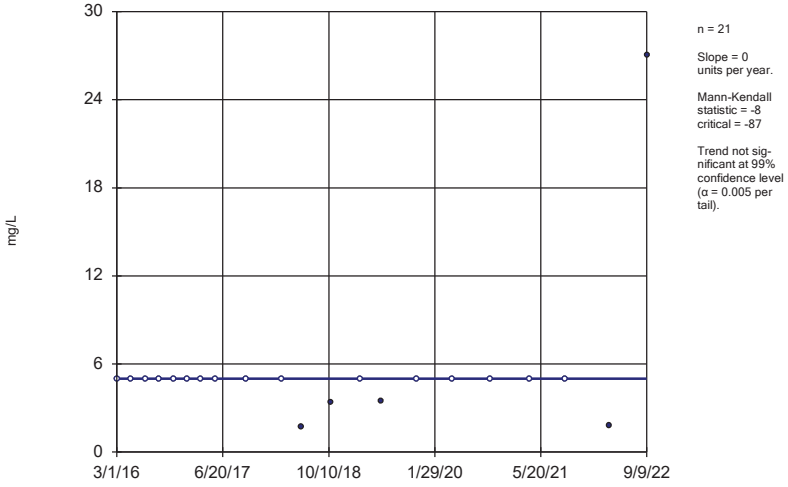
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-102



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -8
critical = -87

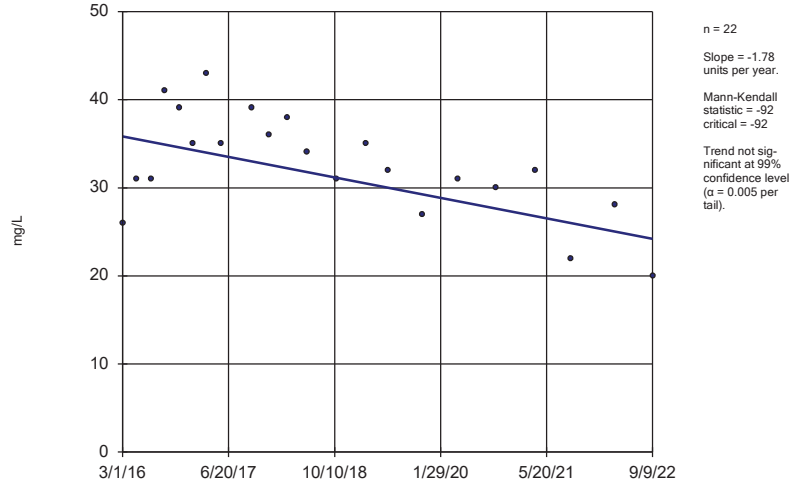
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-103



n = 22

Slope = -1.78 units per year.

Mann-Kendall statistic = -92
critical = -92

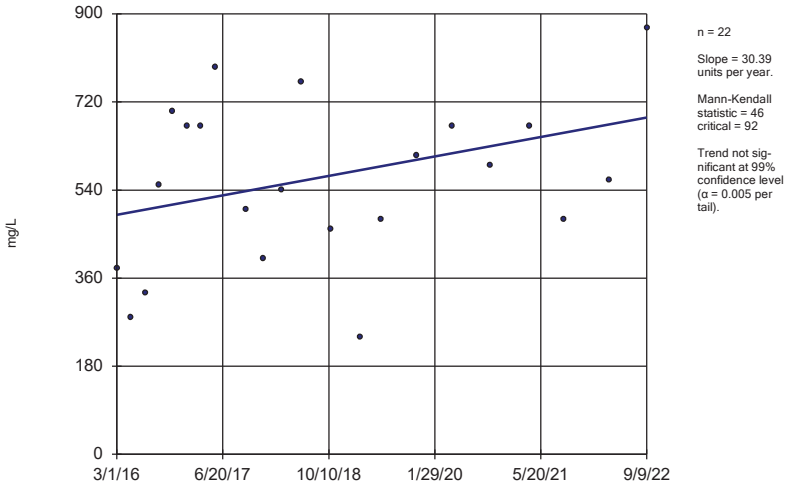
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-104



n = 22

Slope = 30.39 units per year.

Mann-Kendall statistic = 46 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

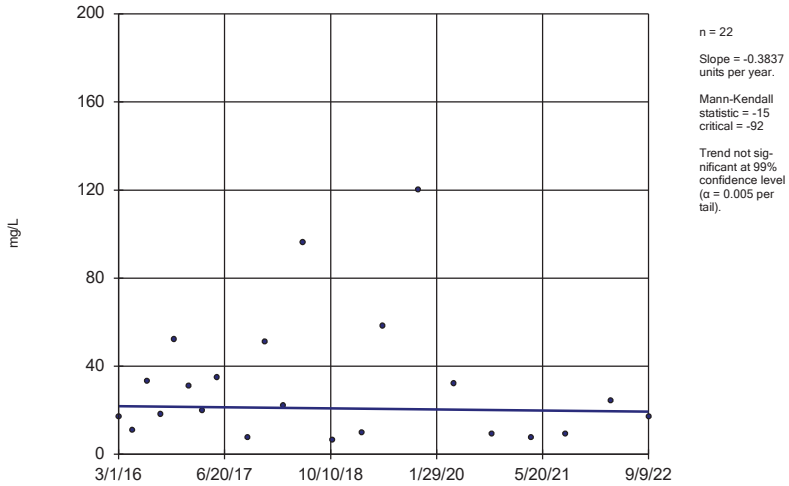
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-105



n = 22

Slope = -0.3837 units per year.

Mann-Kendall statistic = -15 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

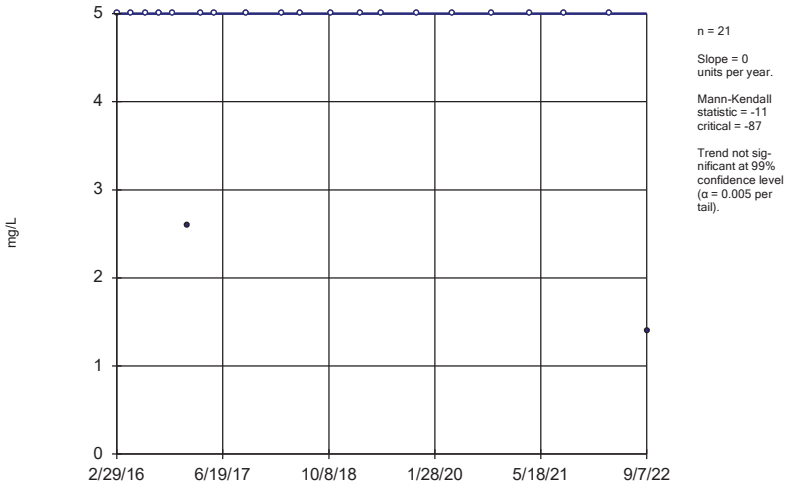
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -11 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

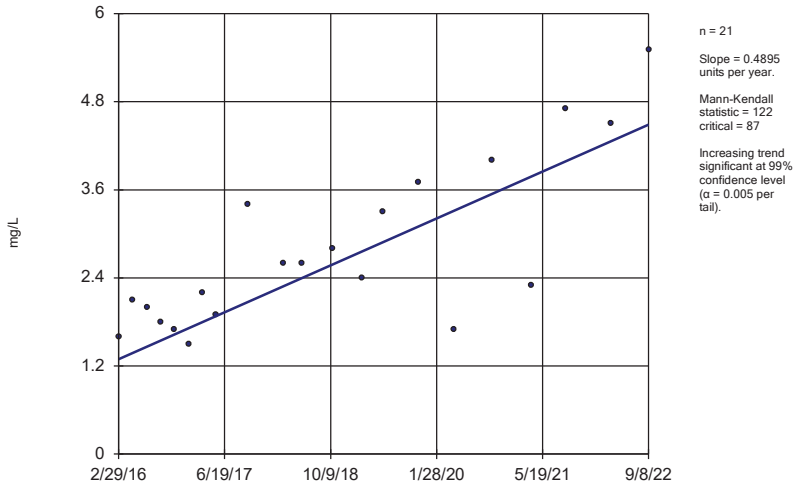
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0.4895 units per year.

Mann-Kendall statistic = 122 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

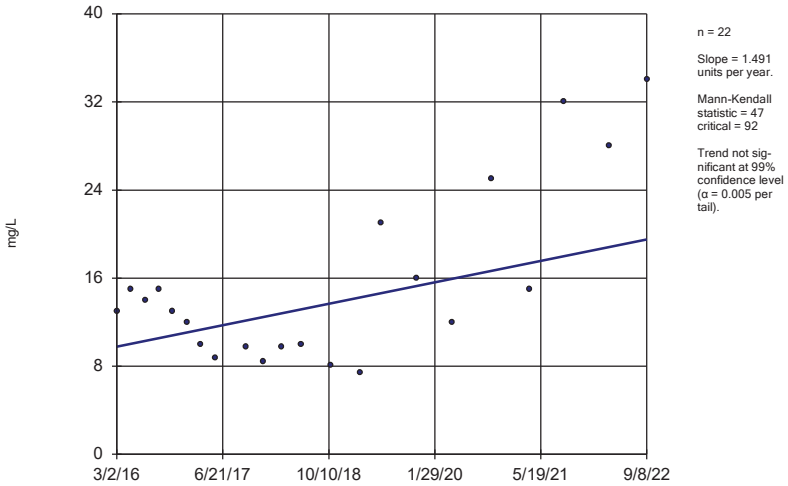
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-109



n = 22

Slope = 1.491 units per year.

Mann-Kendall statistic = 47 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

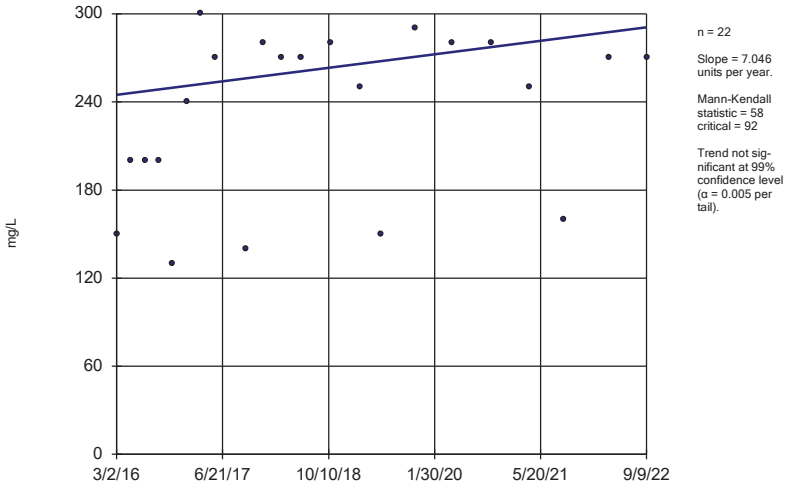
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-110



n = 22

Slope = 7.046 units per year.

Mann-Kendall statistic = 58 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

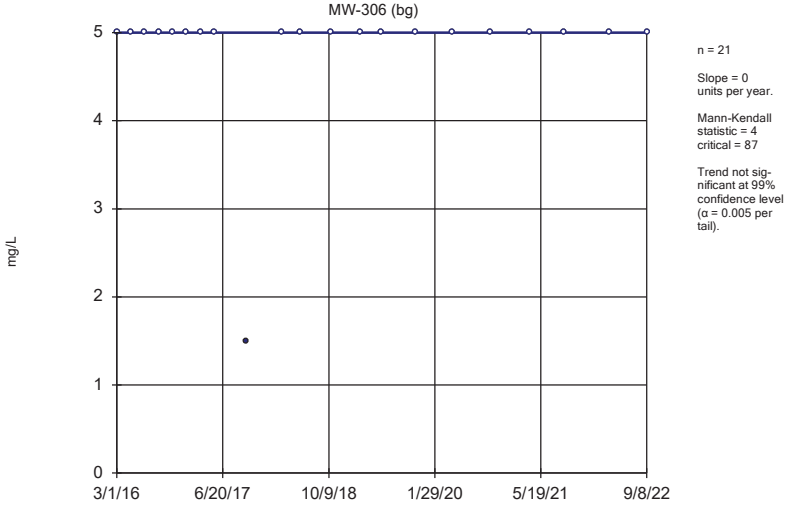
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 4 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

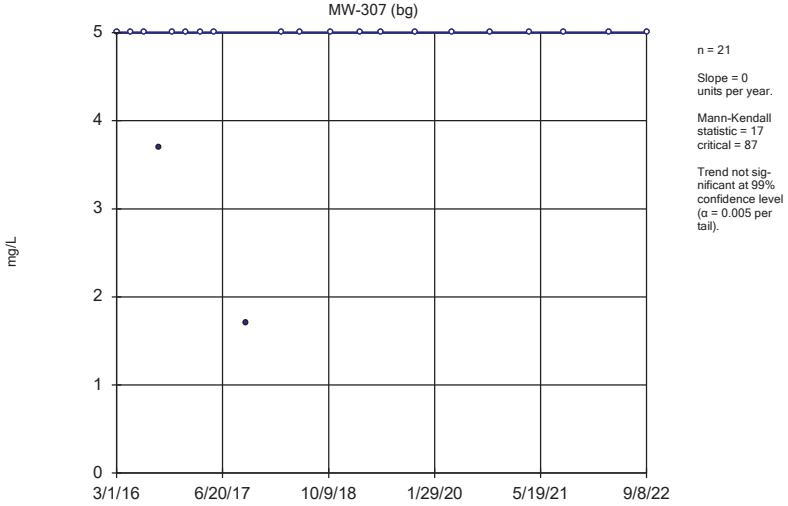
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 17 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

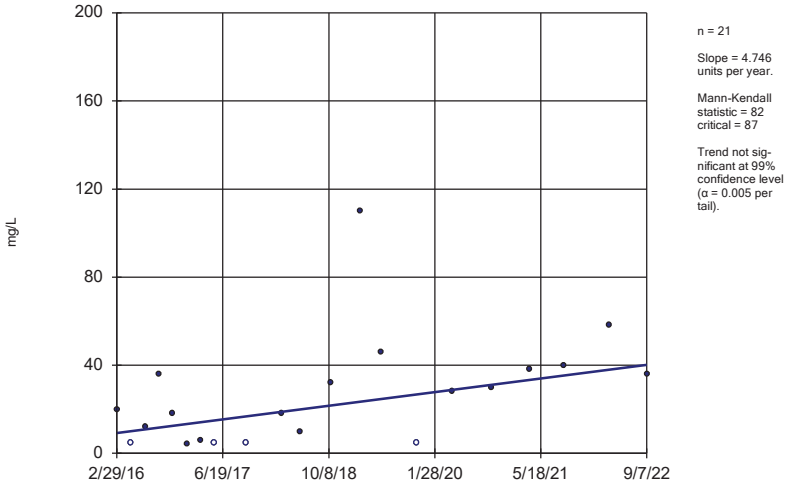
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 4.746 units per year.

Mann-Kendall statistic = 82
critical = 87

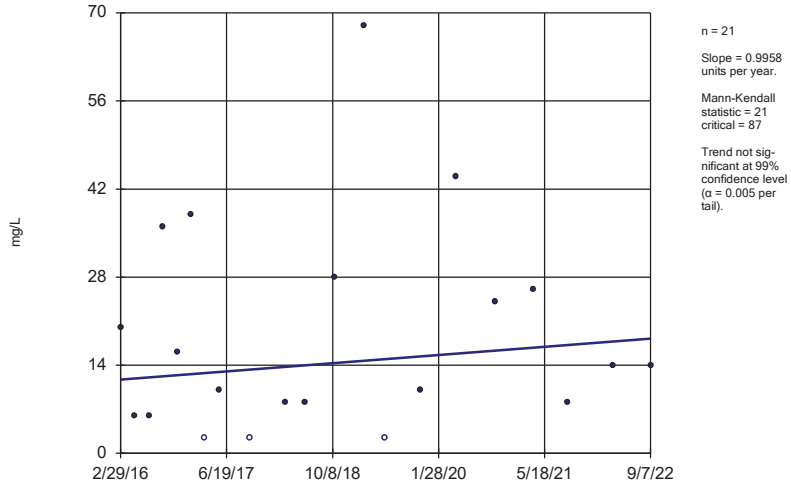
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0.9958 units per year.

Mann-Kendall statistic = 21
critical = 87

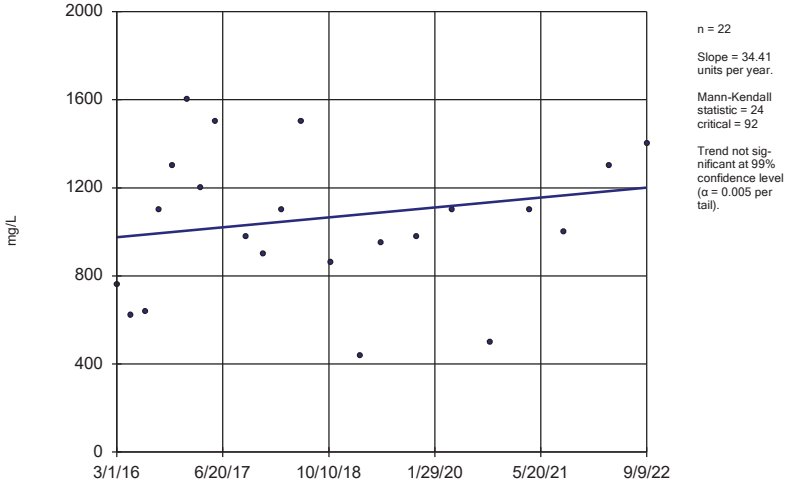
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-104



n = 22

Slope = 34.41 units per year.

Mann-Kendall statistic = 24
critical = 92

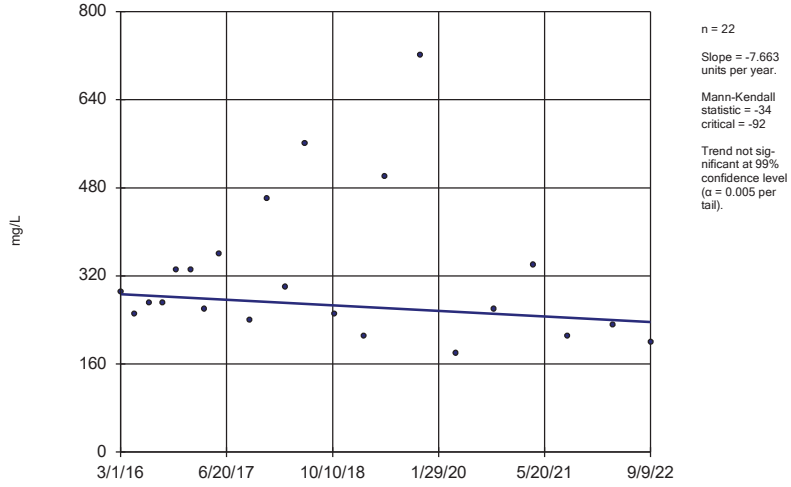
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-105



n = 22

Slope = -7.663 units per year.

Mann-Kendall statistic = -34
critical = -92

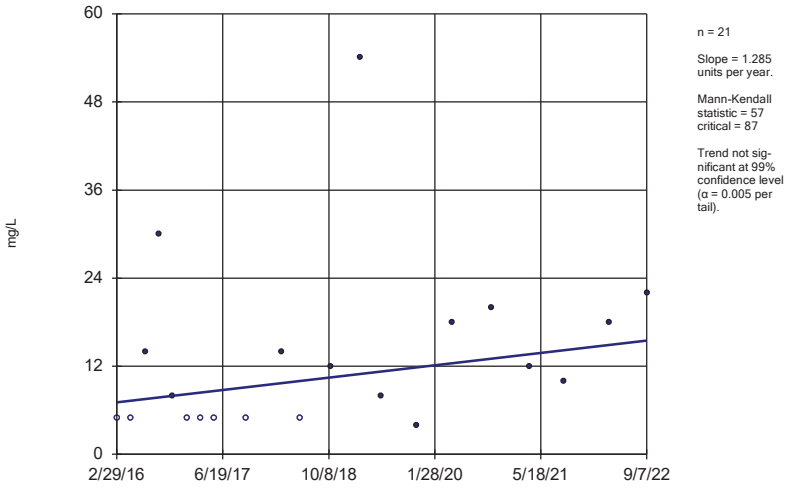
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 1.285 units per year.

Mann-Kendall statistic = 57
critical = 87

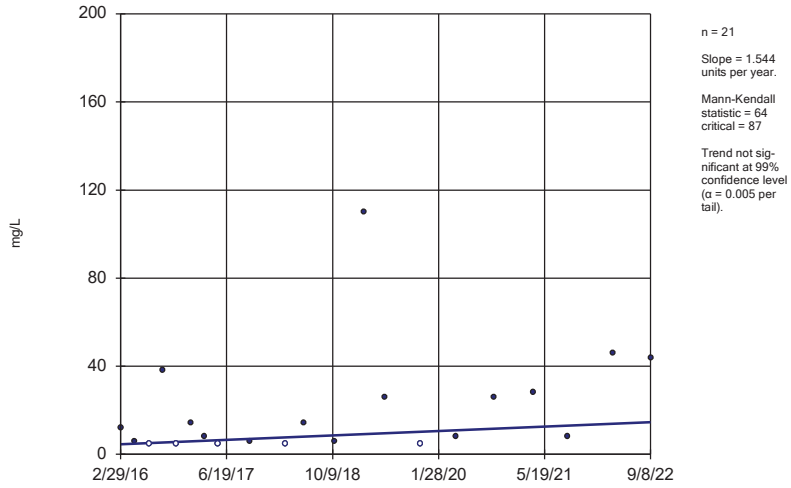
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 1.544 units per year.

Mann-Kendall statistic = 64
critical = 87

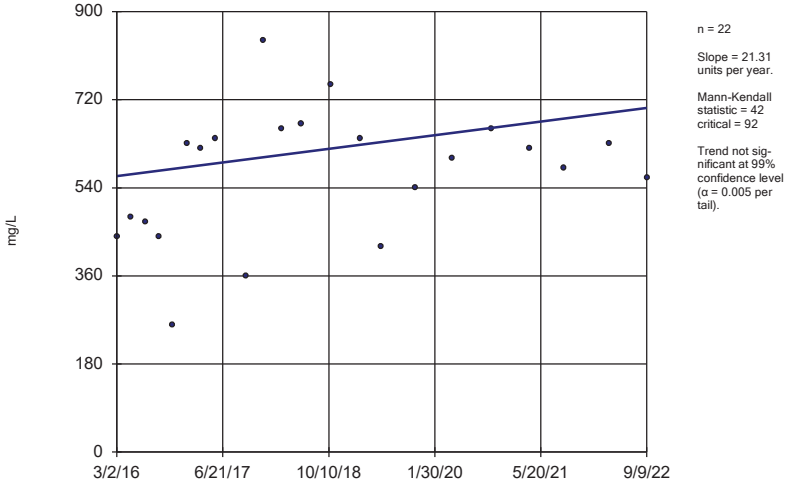
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-110



n = 22

Slope = 21.31 units per year.

Mann-Kendall statistic = 42
critical = 92

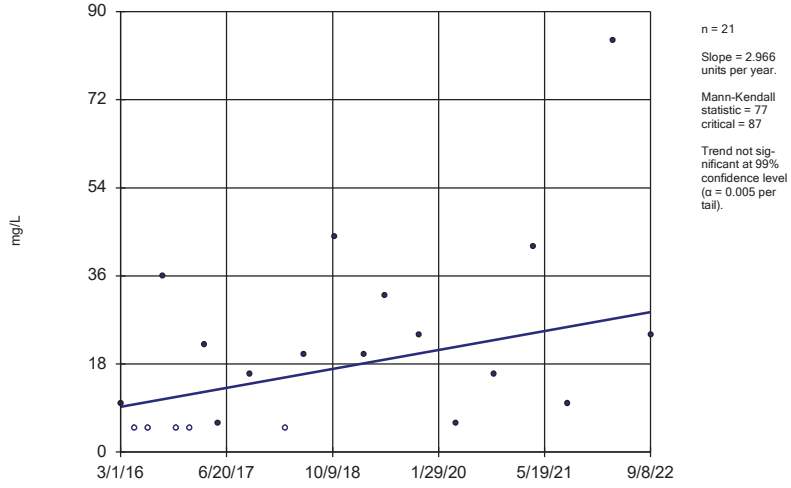
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 2.966 units per year.

Mann-Kendall statistic = 77
critical = 87

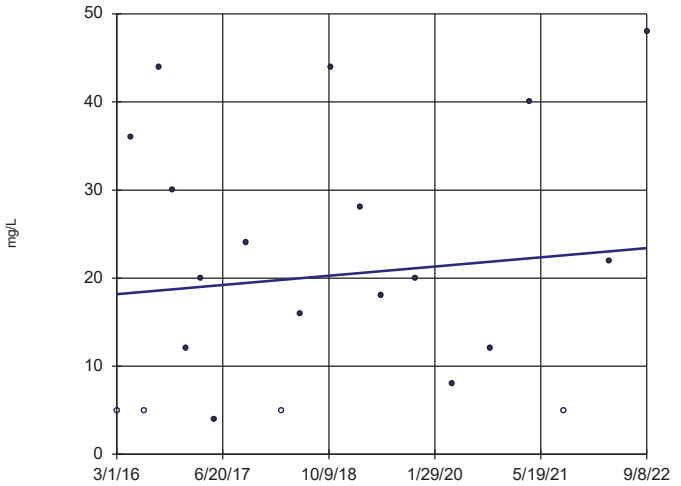
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0.8038 units per year.

Mann-Kendall statistic = 19
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

200 Series

Appendix III Trend Test Summary - 200 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-200	-5.703	-180	-92	Yes	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-201	-4.389	-159	-92	Yes	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-206	-14.67	-203	-92	Yes	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-100 (bg)	0.04301	103	87	Yes	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-108 (bg)	0.08717	109	87	Yes	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-200	-148.4	-188	-92	Yes	22	4.545	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-201	-115.9	-139	-92	Yes	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-206	-431.1	-219	-92	Yes	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-307 (bg)	-0.06256	-101	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-100 (bg)	0.2783	96	87	Yes	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-200	-255.1	-155	-92	Yes	22	4.545	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-201	-231	-109	-92	Yes	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-206	-881.6	-196	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-307 (bg)	0.2017	104	87	Yes	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-206	0.1138	127	92	Yes	22	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-307 (bg)	-0.1231	-147	-87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-108 (bg)	0.4895	122	87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-200	-51.31	-139	-92	Yes	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-201	-71.07	-166	-92	Yes	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-206	-103.1	-187	-92	Yes	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-200	-808.9	-189	-92	Yes	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-201	-654	-126	-92	Yes	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-206	-2117	-173	-87	Yes	21	0	n/a	n/a	0.01	NP

Appendix III Trend Test Summary - 200 Series Wells - All Results

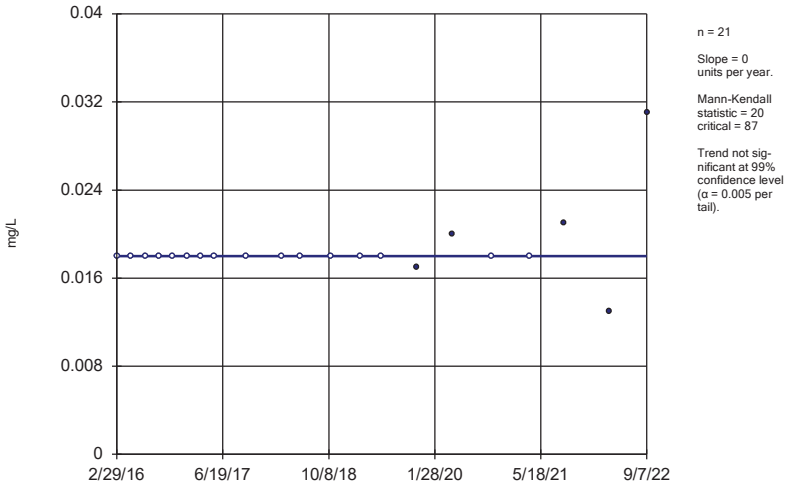
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	20	87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-50	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-21	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	11	87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	**MW-200**	**-5.703**	**-180**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-201**	**-4.389**	**-159**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**MW-206**	**-14.67**	**-203**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	MW-306 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.003994	-18	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01275	-46	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-200**	**-148.4**	**-188**	**-92**	**Yes**	**22**	**4.545**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-201**	**-115.9**	**-139**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-206**	**-431.1**	**-219**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-306 (bg)	0.01327	49	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.07515	26	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.161	-81	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-80	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-200**	**-255.1**	**-155**	**-92**	**Yes**	**22**	**4.545**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-201**	**-231**	**-109**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-206**	**-881.6**	**-196**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-306 (bg)	0.1601	72	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-100 (bg)	-0.01952	-35	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01247	-16	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	2	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-206**	**0.1138**	**127**	**92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	MW-306 (bg)	-0.01775	-30	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-100 (bg)	0	-11	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-24	-87	No	21	85.71	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-11	-87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-200**	**-51.31**	**-139**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-201**	**-71.07**	**-166**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-206**	**-103.1**	**-187**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-306 (bg)	0	4	87	No	21	95.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	17	87	No	21	90.48	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.746	82	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9958	21	87	No	21	14.29	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.285	57	87	No	21	33.33	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.544	64	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-200**	**-808.9**	**-189**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-201**	**-654**	**-126**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-206**	**-2117**	**-173**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.966	77	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.8038	19	87	No	21	19.05	n/a	n/a	0.01	NP

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 20 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

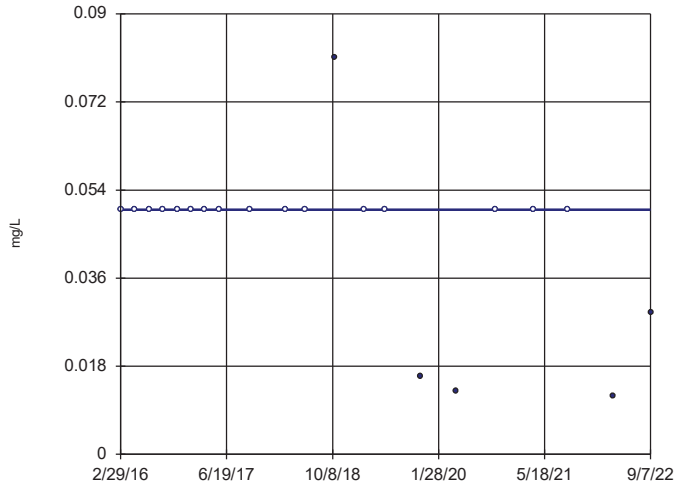
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -50 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

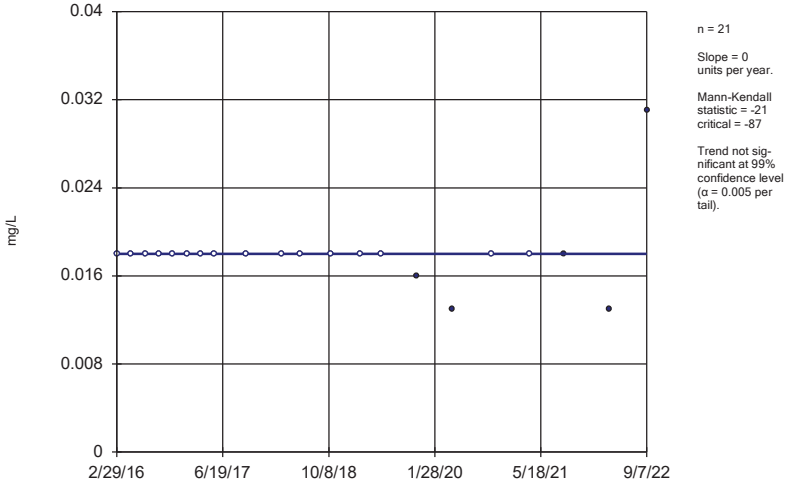
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -21 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

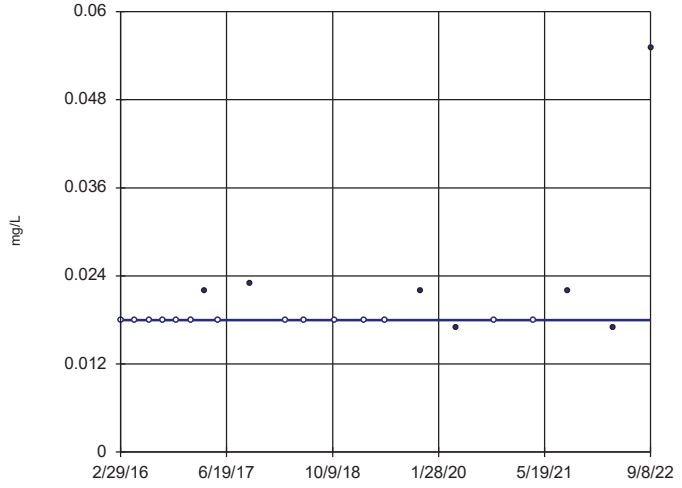
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 11 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

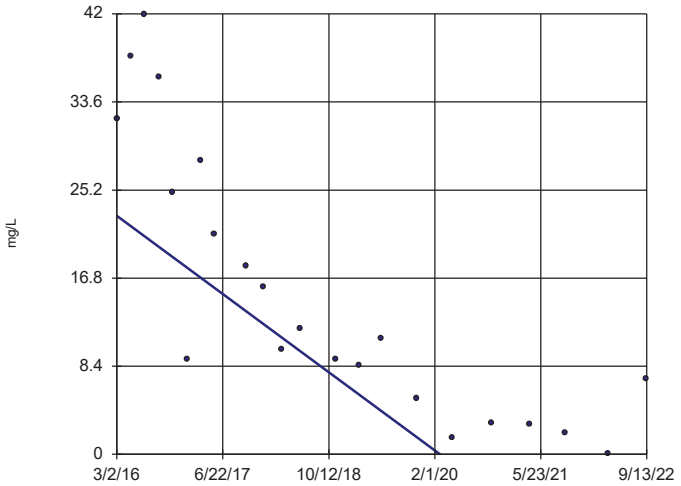
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-200



n = 22

Slope = -5.703 units per year.

Mann-Kendall statistic = -180 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

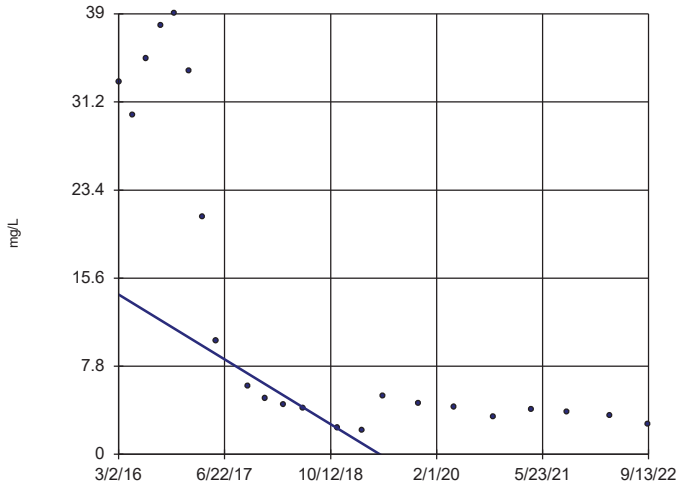
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-201



n = 22

Slope = -4.389 units per year.

Mann-Kendall statistic = -159 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

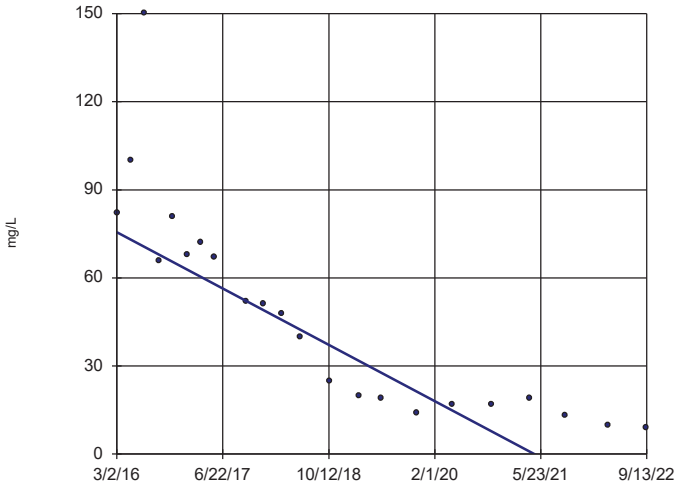
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-206



n = 22

Slope = -14.67 units per year.

Mann-Kendall statistic = -203 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

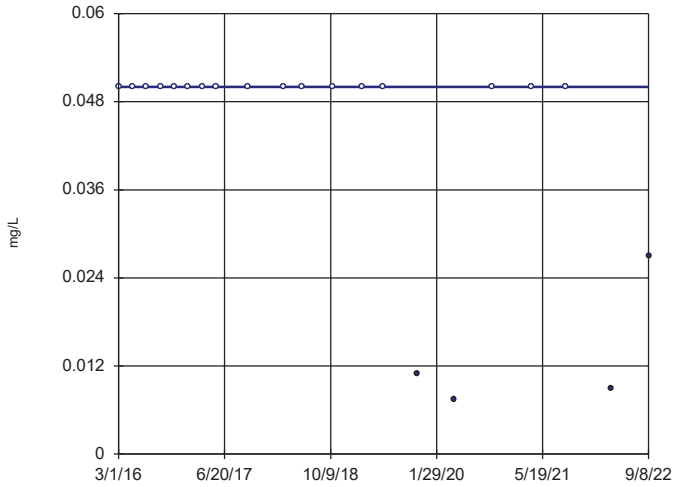
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -54 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

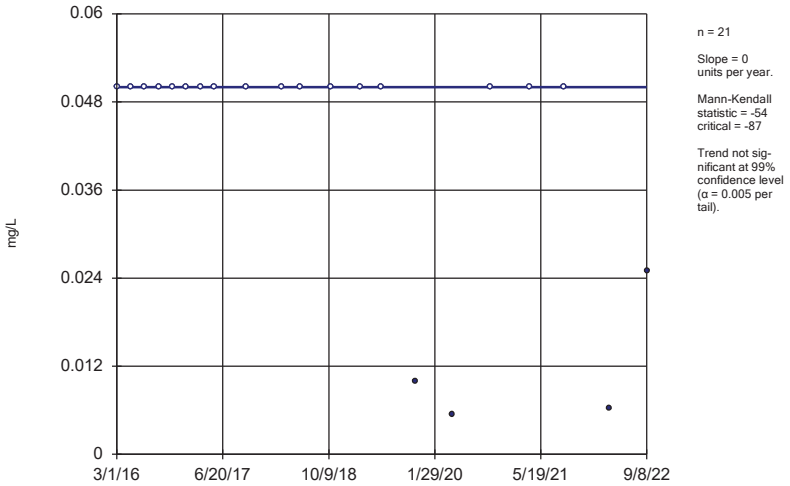
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -54
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

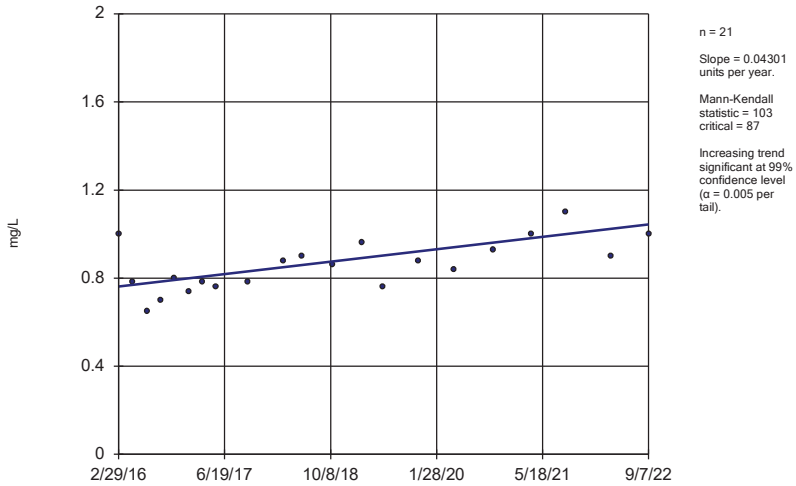
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0.04301 units per year.

Mann-Kendall statistic = 103
critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

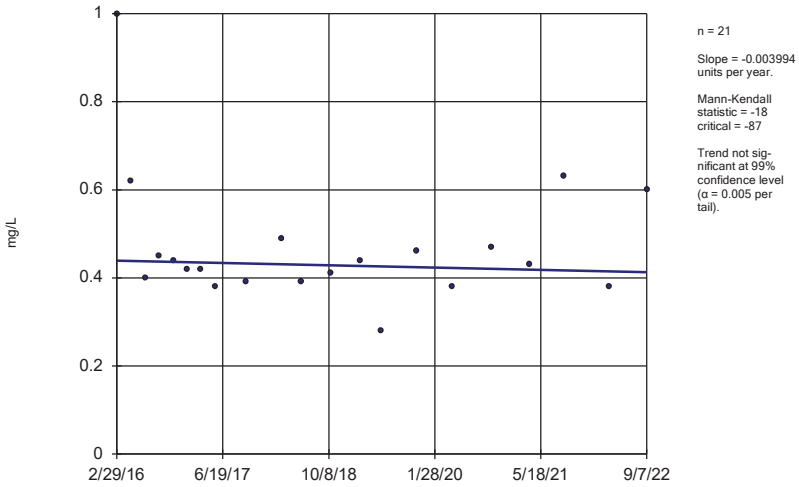
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = -0.003994 units per year.

Mann-Kendall statistic = -18
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

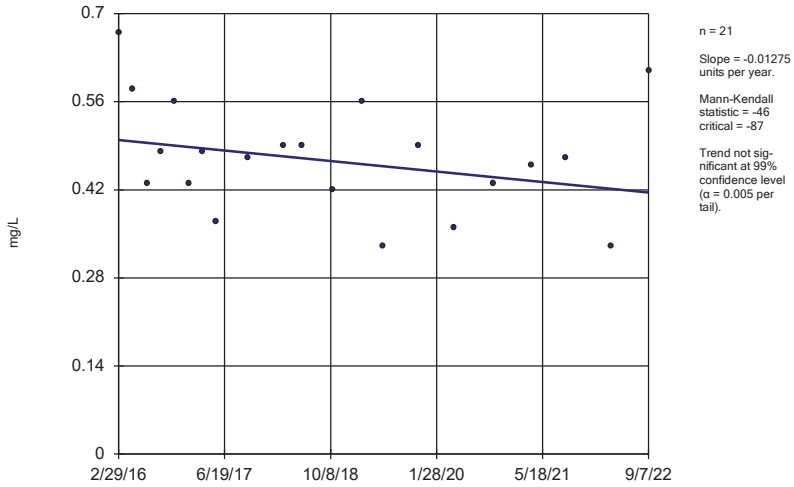
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = -0.01275 units per year.

Mann-Kendall statistic = -46
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

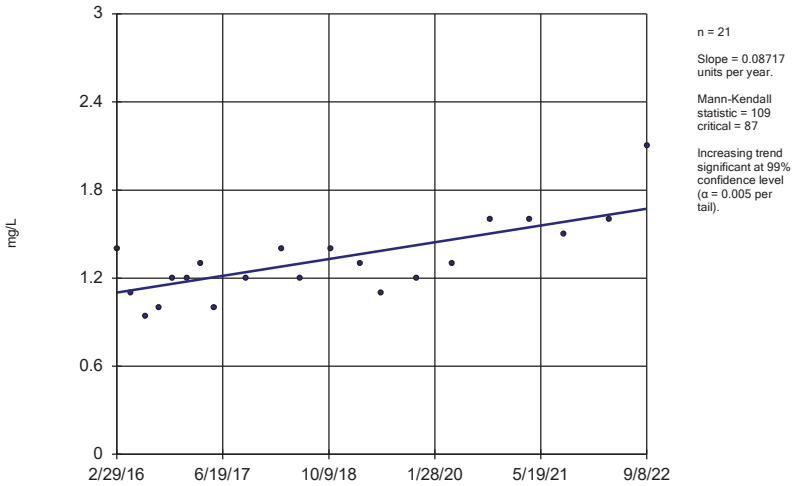
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0.08717 units per year.

Mann-Kendall statistic = 109 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

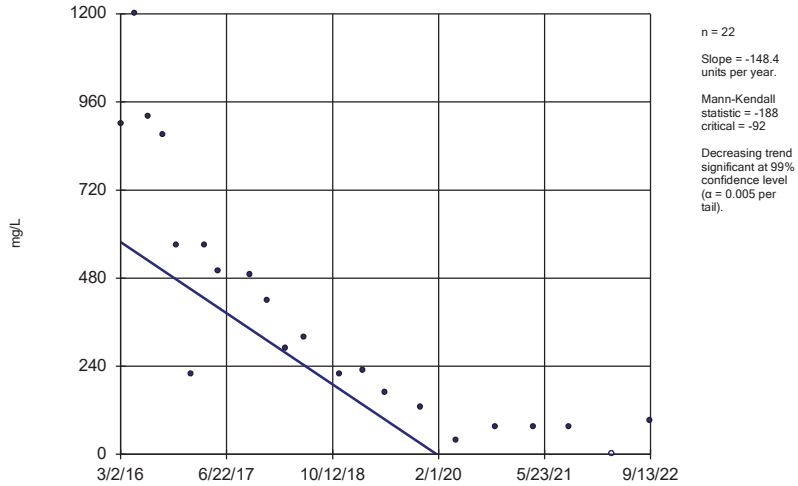
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-200



n = 22

Slope = -148.4 units per year.

Mann-Kendall statistic = -188 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

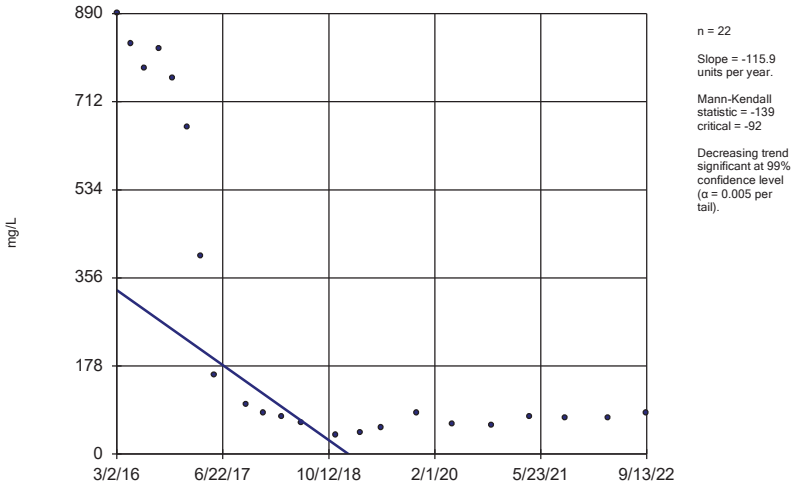
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-201



n = 22

Slope = -115.9 units per year.

Mann-Kendall statistic = -139 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

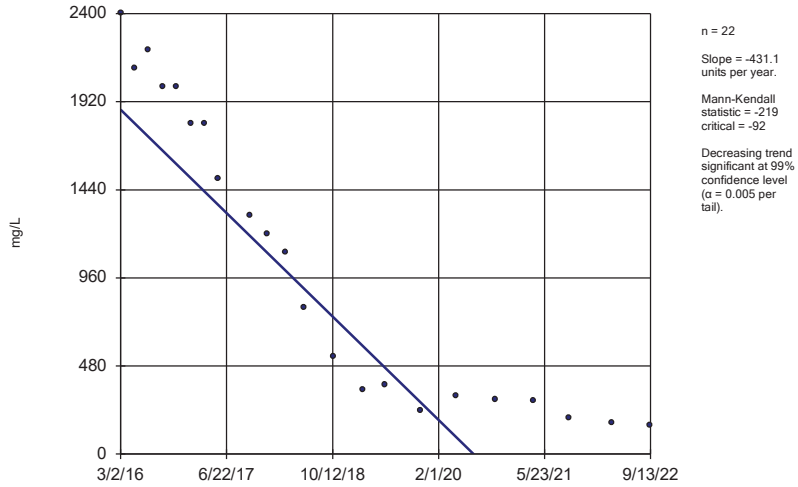
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-206



n = 22

Slope = -431.1 units per year.

Mann-Kendall statistic = -219 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

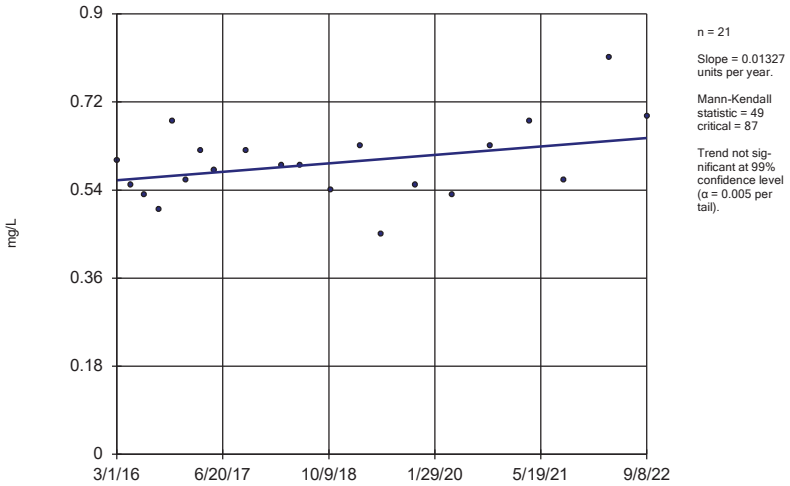
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0.01327 units per year.

Mann-Kendall statistic = 49 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

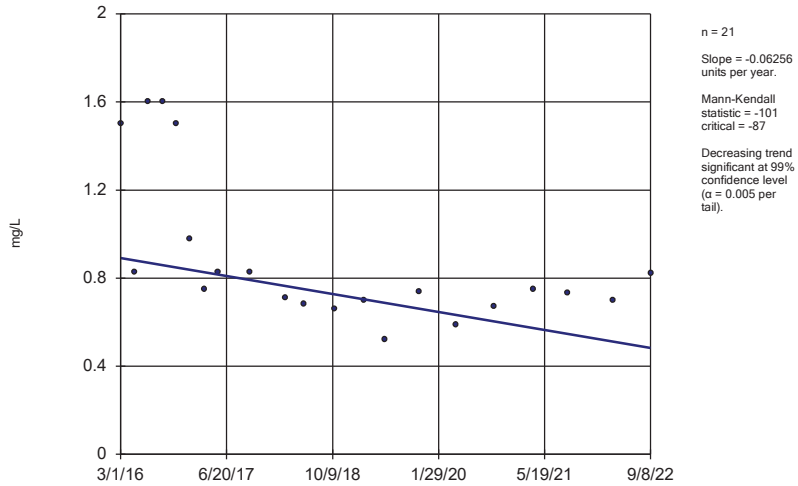
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = -0.06256 units per year.

Mann-Kendall statistic = -101 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

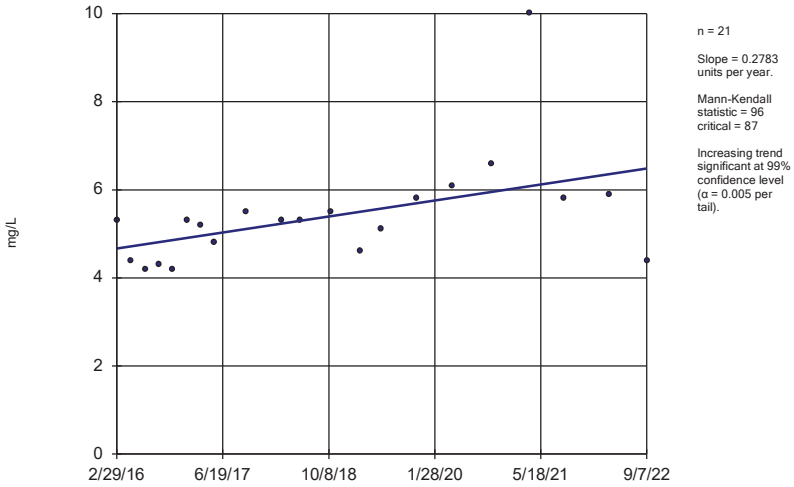
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0.2783 units per year.

Mann-Kendall statistic = 96 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

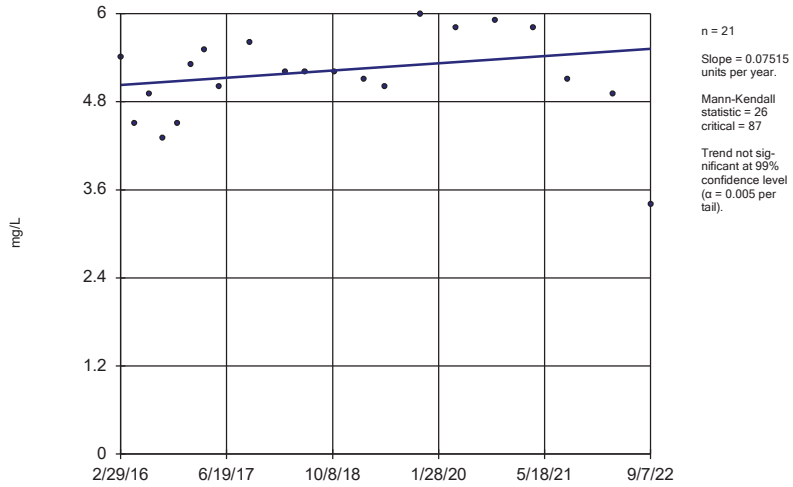
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0.07515 units per year.

Mann-Kendall statistic = 26 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

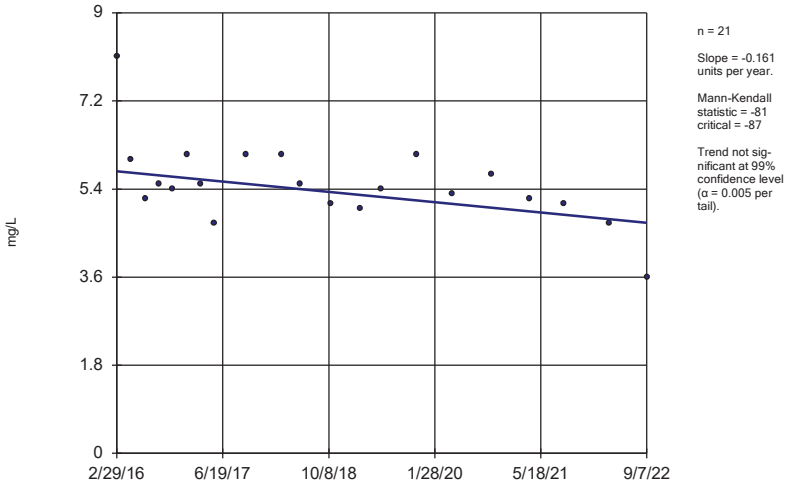
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = -0.161 units per year.

Mann-Kendall statistic = -81 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

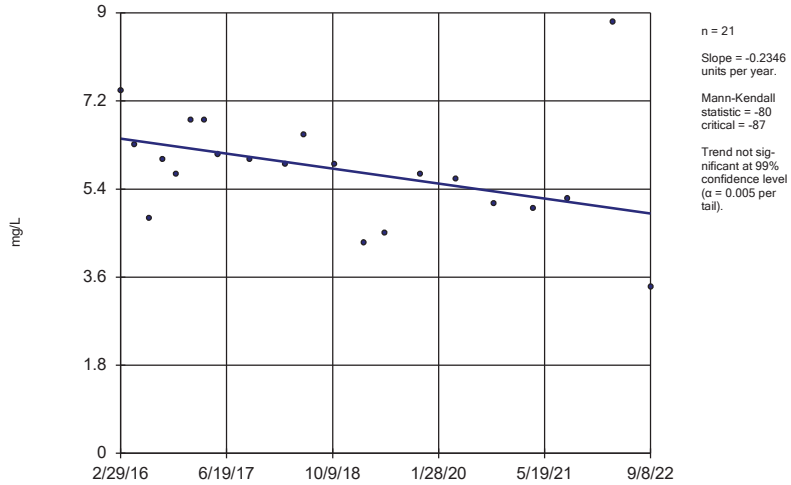
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = -0.2346 units per year.

Mann-Kendall statistic = -80 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

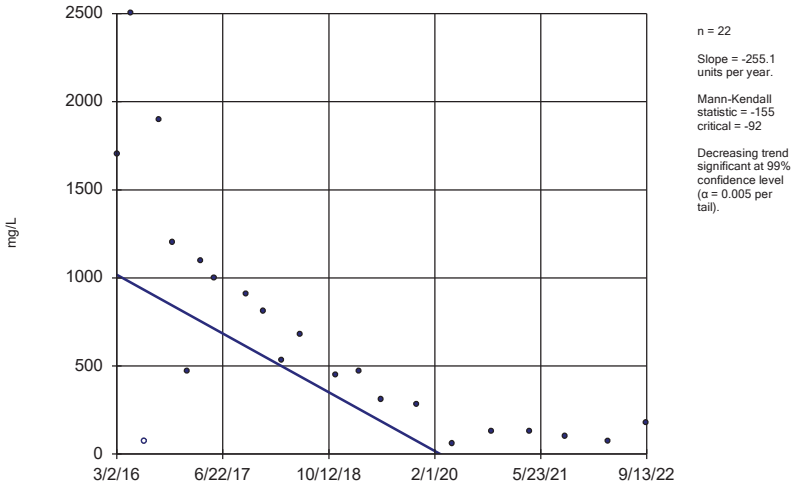
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-200



n = 22

Slope = -255.1 units per year.

Mann-Kendall statistic = -155 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

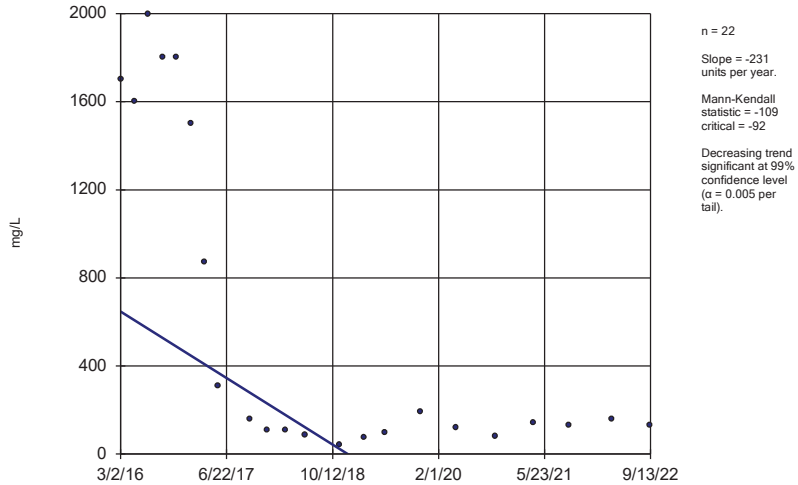
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-201



n = 22

Slope = -231 units per year.

Mann-Kendall statistic = -109 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

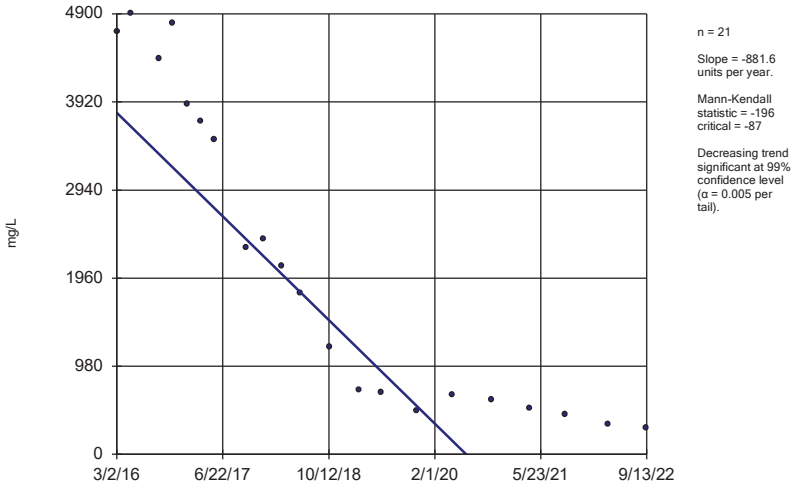
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-206



n = 21

Slope = -881.6 units per year.

Mann-Kendall statistic = -196
critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

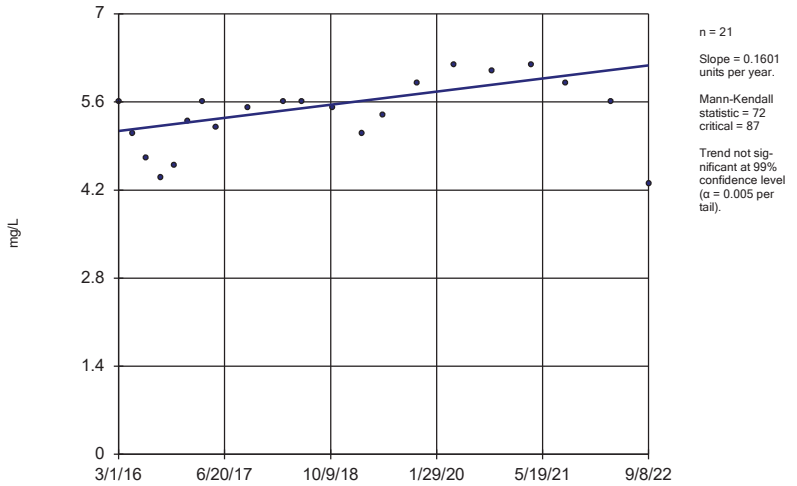
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0.1601 units per year.

Mann-Kendall statistic = 72
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

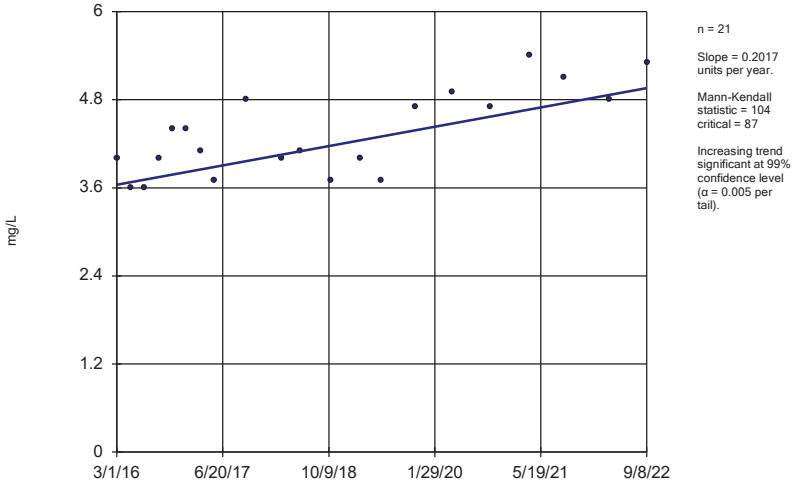
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0.2017 units per year.

Mann-Kendall statistic = 104
critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

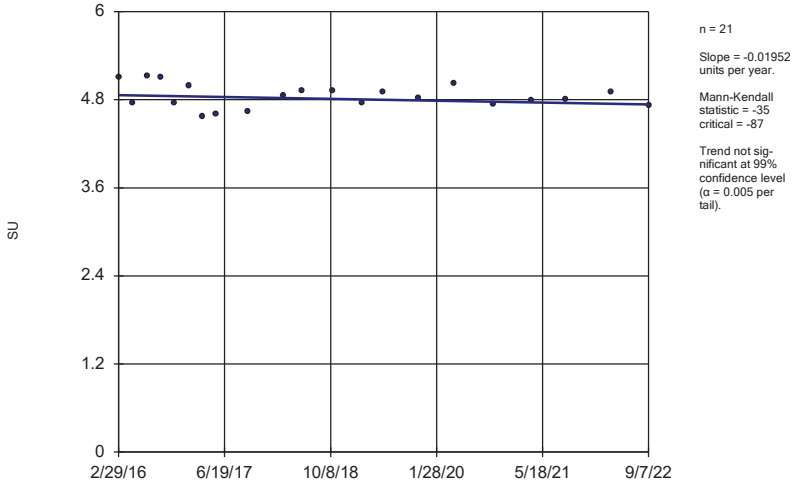
Constituent: Chloride Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = -0.01952 units per year.

Mann-Kendall statistic = -35
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

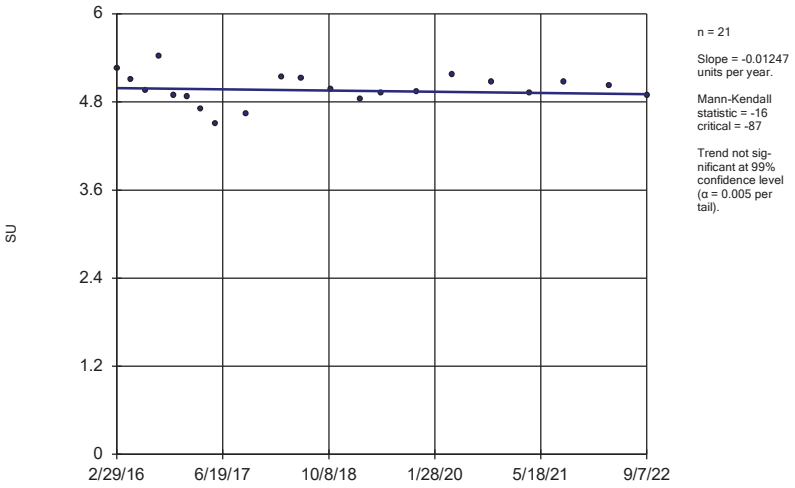
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = -0.01247 units per year.

Mann-Kendall statistic = -16 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

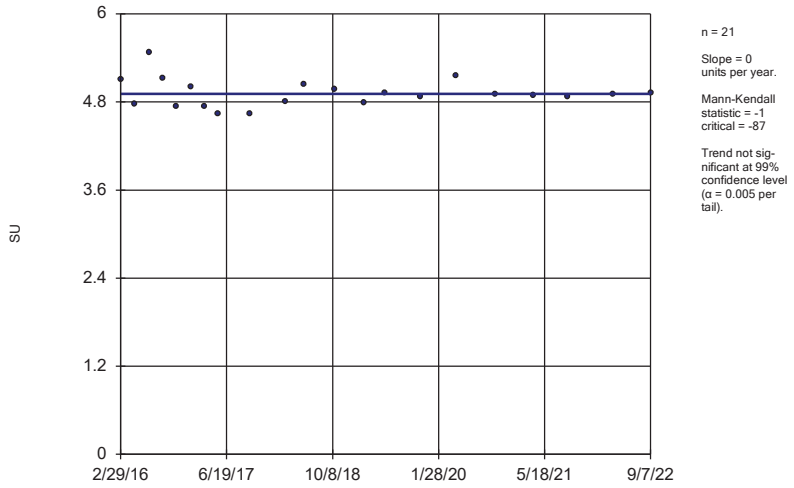
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

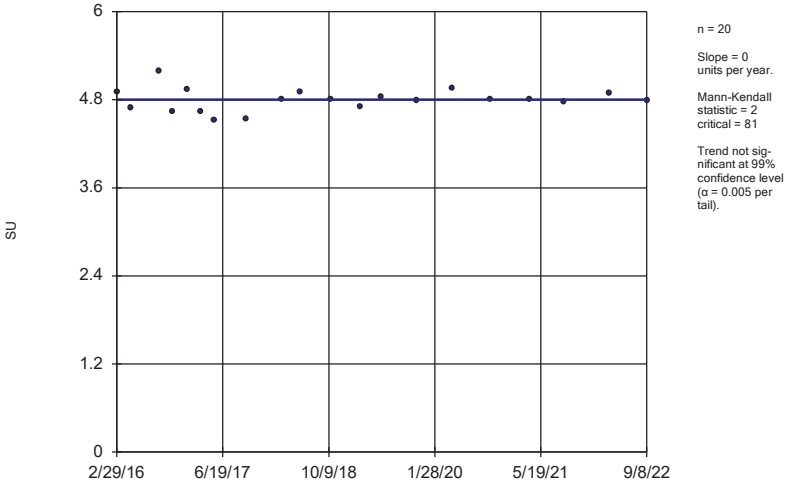
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

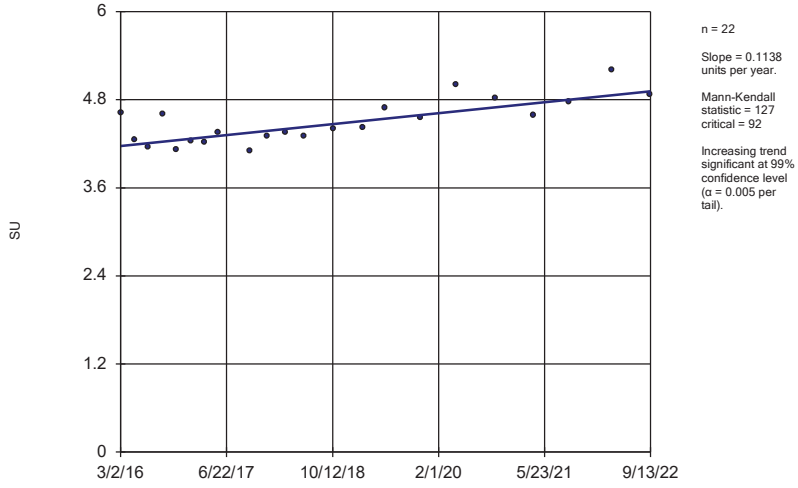
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-206



n = 22

Slope = 0.1138 units per year.

Mann-Kendall statistic = 127 critical = 92

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

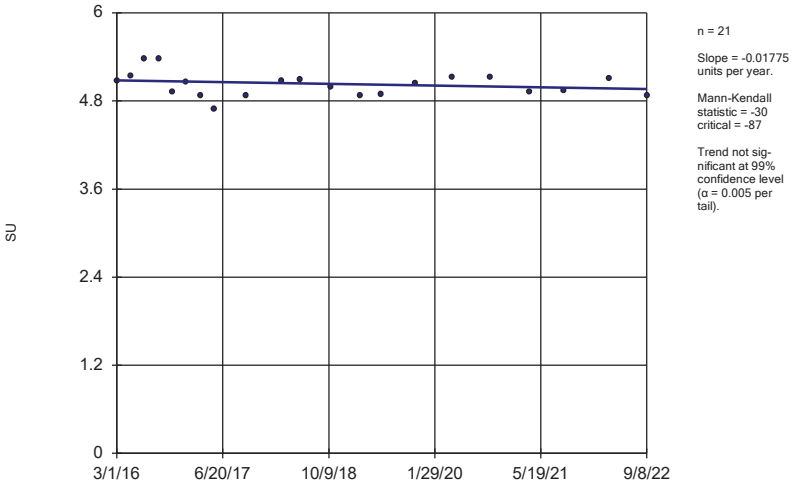
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = -0.01775 units per year.

Mann-Kendall statistic = -30 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

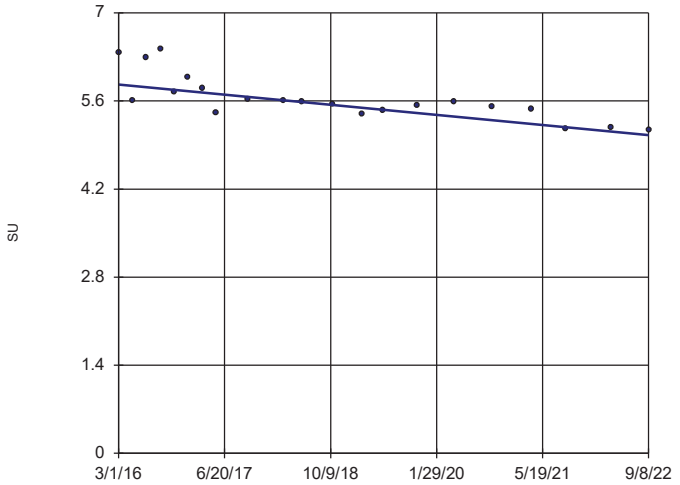
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = -0.1231 units per year.

Mann-Kendall statistic = -147 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

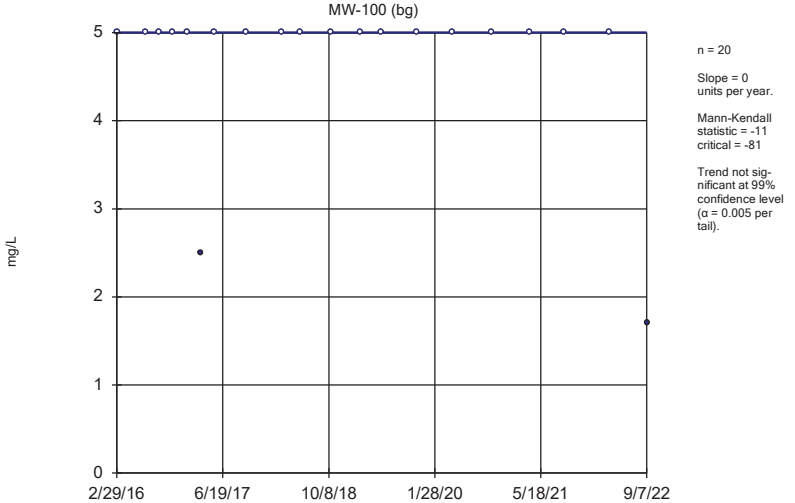
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



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: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

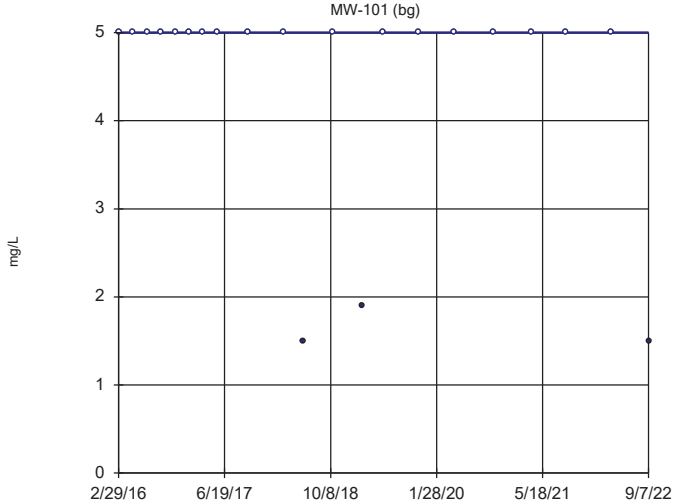
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -24 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

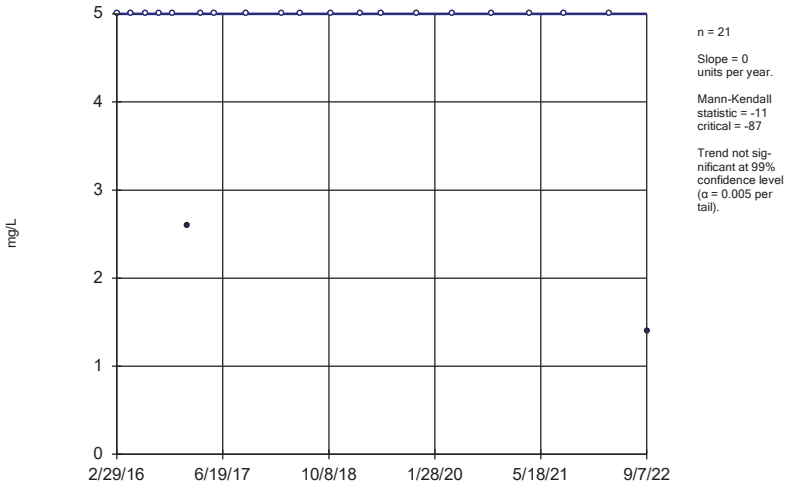
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -11 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

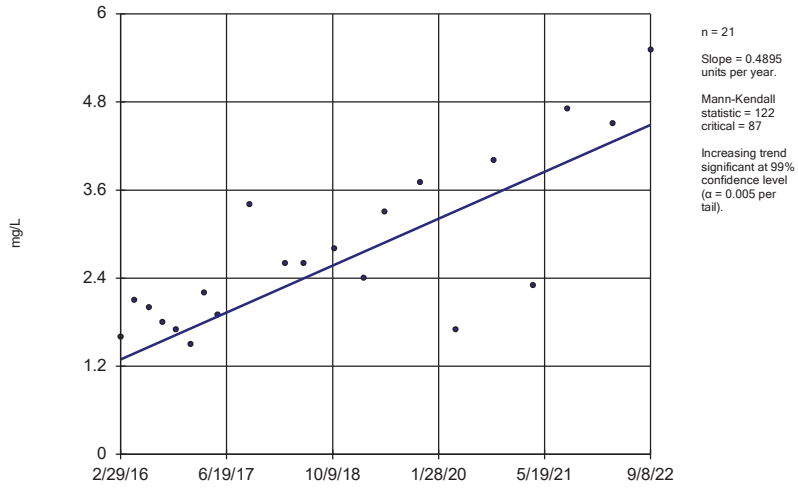
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0.4895 units per year.

Mann-Kendall statistic = 122 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

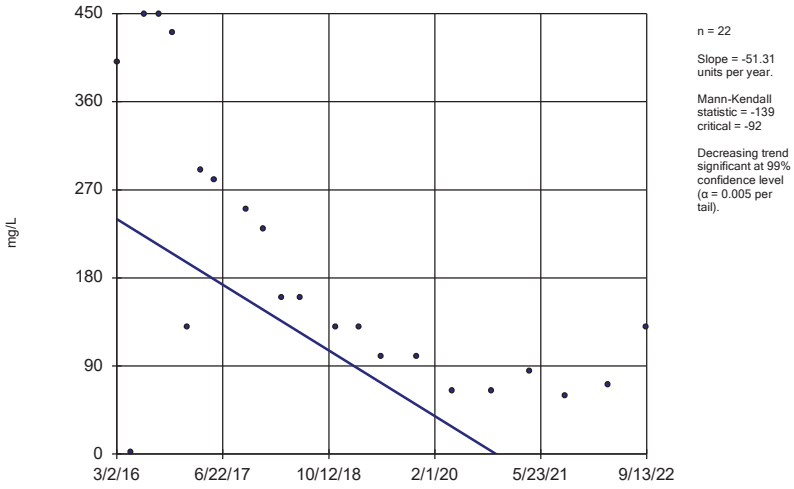
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-200



n = 22

Slope = -51.31 units per year.

Mann-Kendall statistic = -139 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

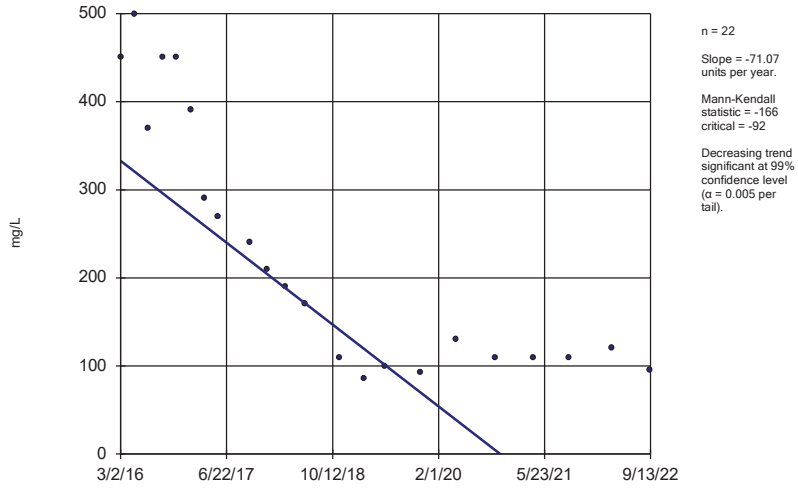
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-201



n = 22

Slope = -71.07 units per year.

Mann-Kendall statistic = -166 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

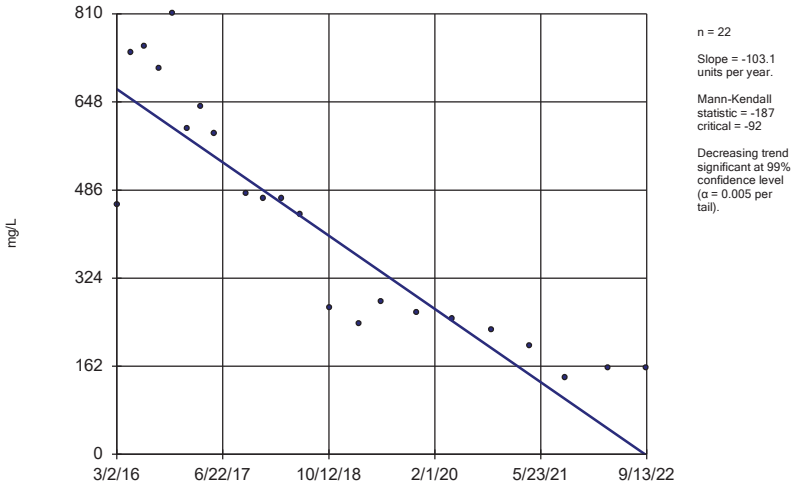
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-206



n = 22

Slope = -103.1 units per year.

Mann-Kendall statistic = -187 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

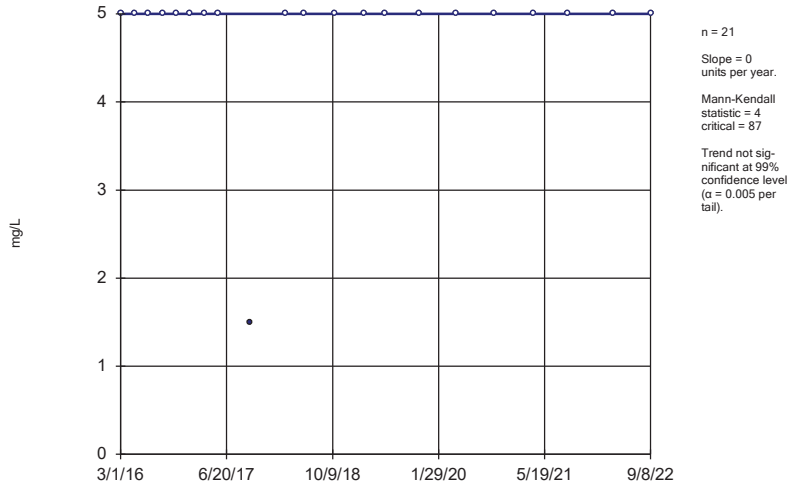
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 4 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

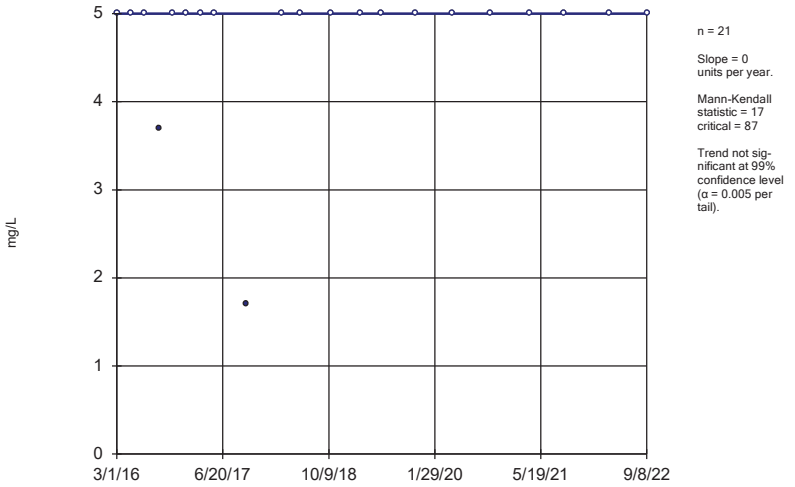
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 17 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

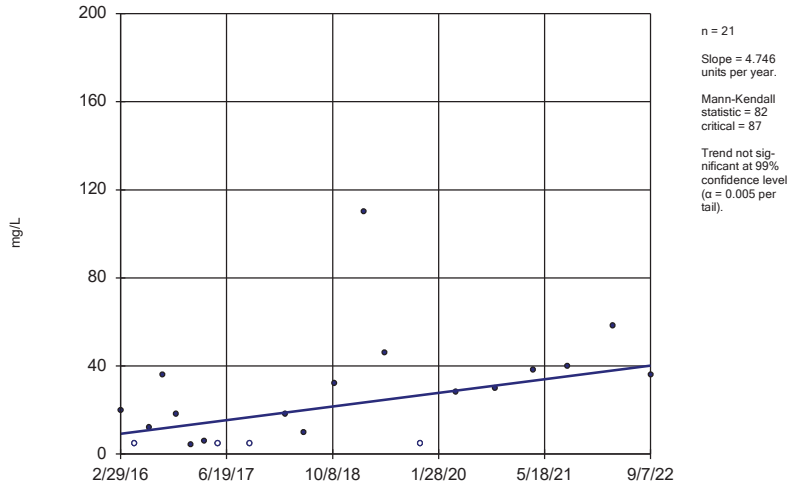
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 4.746 units per year.

Mann-Kendall statistic = 82 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

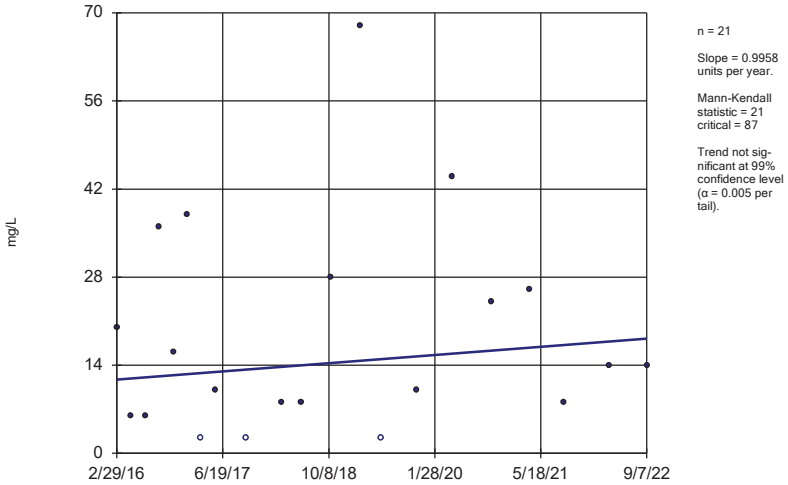
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0.9958 units per year.

Mann-Kendall statistic = 21
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

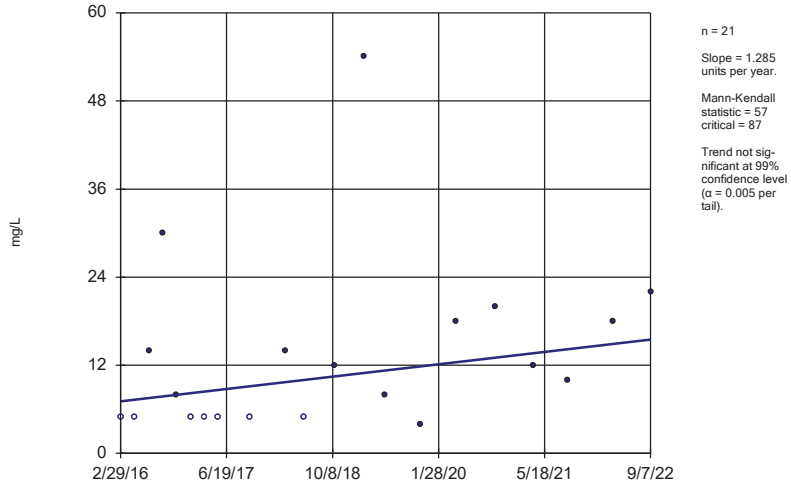
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 1.285 units per year.

Mann-Kendall statistic = 57
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

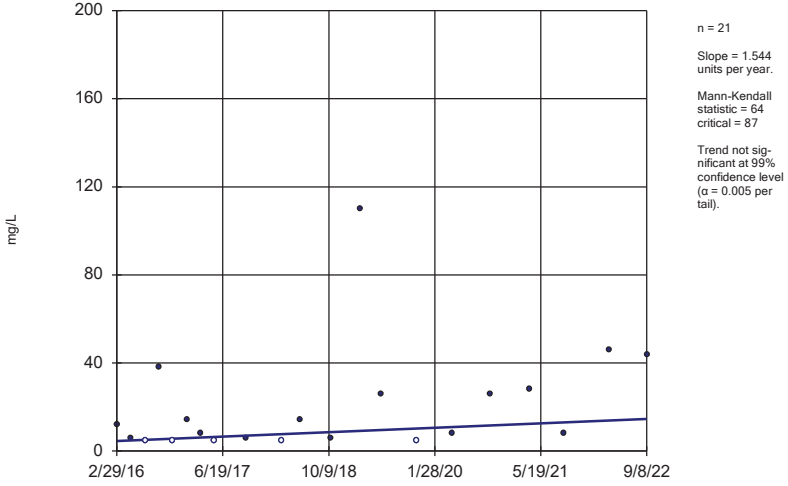
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 1.544 units per year.

Mann-Kendall statistic = 64
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

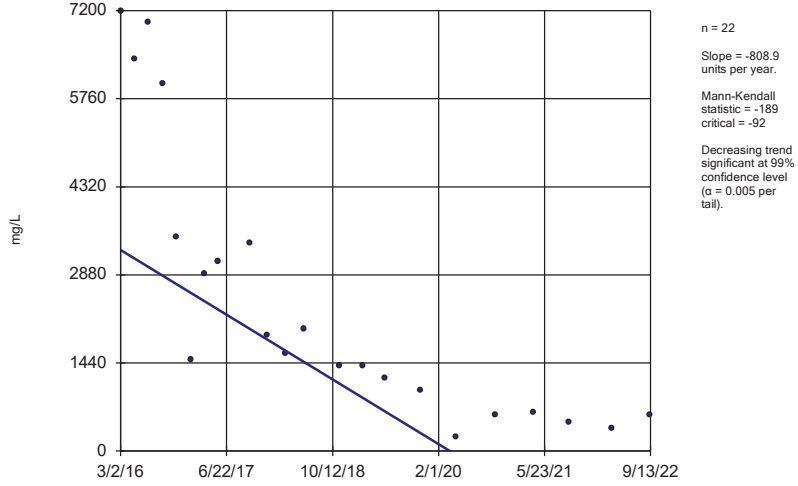
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-200



n = 22

Slope = -808.9 units per year.

Mann-Kendall statistic = -189
critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

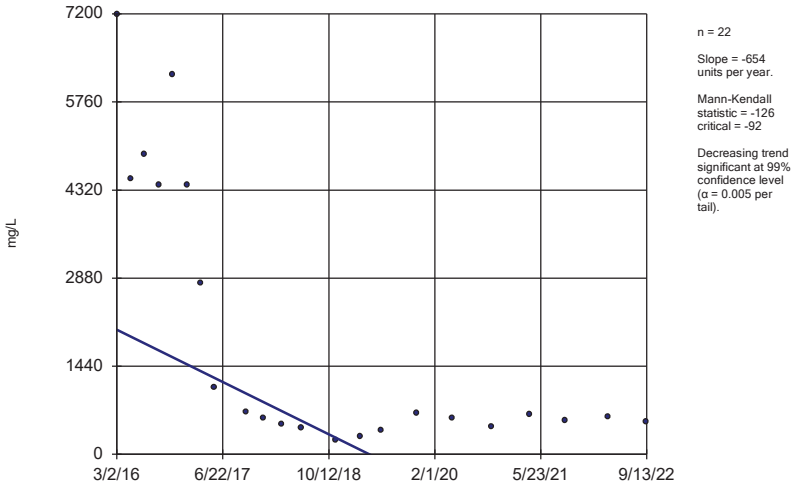
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-201



n = 22

Slope = -654 units per year.

Mann-Kendall statistic = -126 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

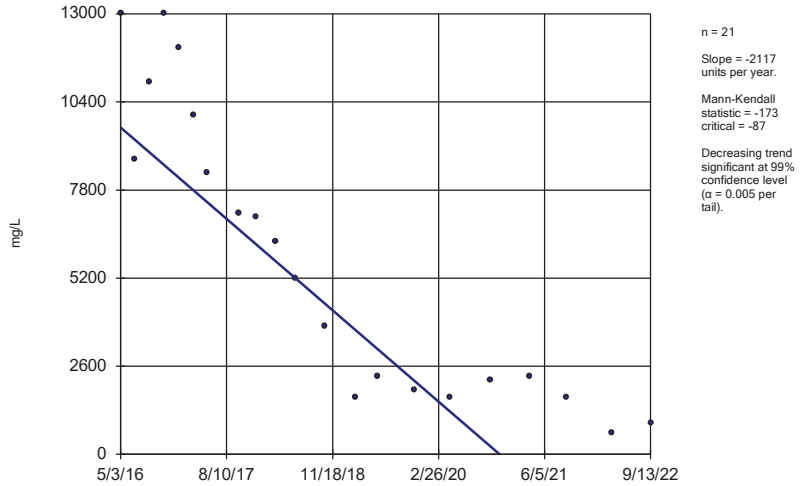
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-206



n = 21

Slope = -2117 units per year.

Mann-Kendall statistic = -173 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

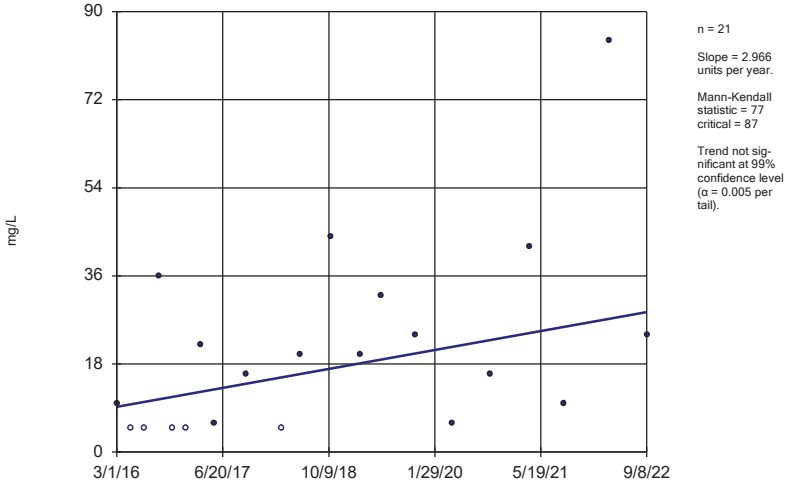
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 2.966 units per year.

Mann-Kendall statistic = 77 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

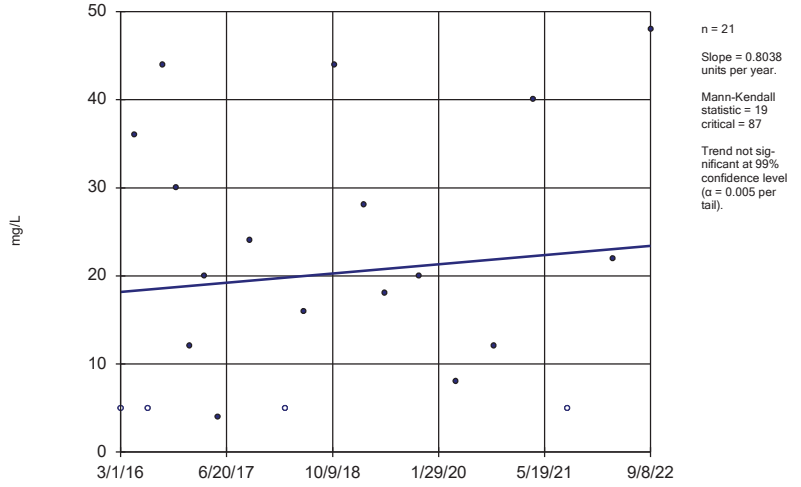
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0.8038 units per year.

Mann-Kendall statistic = 19 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

300 Series

Appendix III Trend Test Summary - 300 Series Wells - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:58 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**MW-308**	**-20.47**	**-113**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	**MW-305**	**6.155**	**89**	**87**	**Yes**	**21**	**9.524**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Test Summary - 300 Series Wells - All Results

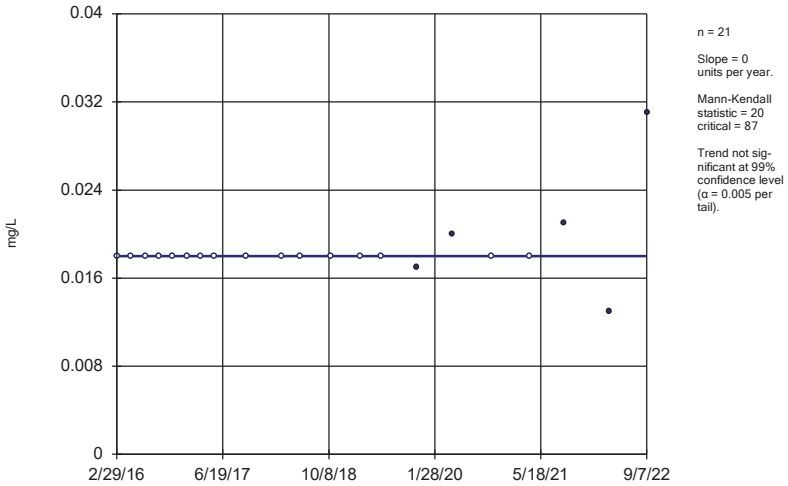
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:58 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	MW-100 (bg)	0	20	87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-101 (bg)	0	-50	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-107 (bg)	0	-21	-87	No	21	76.19	n/a	n/a	0.01	NP
Boron (mg/L)	MW-108 (bg)	0	11	87	No	21	66.67	n/a	n/a	0.01	NP
Boron (mg/L)	MW-303	0.05087	17	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-304	0.2602	69	92	No	22	0	n/a	n/a	0.01	NP
Boron (mg/L)	MW-305	-0.00036	-21	-87	No	21	33.33	n/a	n/a	0.01	NP
Boron (mg/L)	MW-306 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-307 (bg)	0	-54	-87	No	21	80.95	n/a	n/a	0.01	NP
Boron (mg/L)	MW-308	-0.423	-67	-92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-100 (bg)**	**0.04301**	**103**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-101 (bg)	-0.003994	-18	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-107 (bg)	-0.01275	-46	-87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-108 (bg)**	**0.08717**	**109**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-303	3.232	61	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-304	2.113	27	92	No	22	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-305	0.01469	12	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	MW-306 (bg)	0.01327	49	87	No	21	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**MW-307 (bg)**	**-0.06256**	**-101**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	MW-308	-2.232	-54	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-100 (bg)**	**0.2783**	**96**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-101 (bg)	0.07515	26	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-107 (bg)	-0.161	-81	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-108 (bg)	-0.2346	-80	-87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-300	0	7	92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-303	-0.4784	-10	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-304	-5.154	-31	-92	No	22	0	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-305	0.1637	54	92	No	22	4.545	n/a	n/a	0.01	NP
Chloride (mg/L)	MW-306 (bg)	0.1601	72	87	No	21	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**MW-307 (bg)**	**0.2017**	**104**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	MW-308	2.274	19	92	No	22	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-100 (bg)	-0.01952	-35	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-101 (bg)	-0.01247	-16	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-107 (bg)	0	-1	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-108 (bg)	0	2	81	No	20	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-305	-0.04509	-79	-92	No	22	0	n/a	n/a	0.01	NP
Field pH (SU)	MW-306 (bg)	-0.01775	-30	-87	No	21	0	n/a	n/a	0.01	NP
Field pH (SU)	**MW-307 (bg)**	**-0.1231**	**-147**	**-87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	MW-100 (bg)	0	-29	-87	No	21	90.48	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-101 (bg)	0	-17	-87	No	21	90.48	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-107 (bg)	0	0	87	No	21	95.24	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-108 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-305	0	23	87	No	21	85.71	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-306 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	MW-307 (bg)	0	5	87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-100 (bg)	0	-11	-81	No	20	90	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-101 (bg)	0	-24	-87	No	21	85.71	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-107 (bg)	0	-11	-87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-108 (bg)**	**0.4895**	**122**	**87**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	MW-303	0	11	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-304	7.028	10	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-305	0	33	87	No	21	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-306 (bg)	0	4	87	No	21	95.24	n/a	n/a	0.01	NP
Sulfate (mg/L)	MW-307 (bg)	0	17	87	No	21	90.48	n/a	n/a	0.01	NP
Sulfate (mg/L)	**MW-308**	**-20.47**	**-113**	**-92**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-100 (bg)	4.746	82	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-101 (bg)	0.9958	21	87	No	21	14.29	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-107 (bg)	1.285	57	87	No	21	33.33	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-108 (bg)	1.544	64	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-303	12.72	22	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-304	9.695	13	92	No	22	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	**MW-305**	**6.155**	**89**	**87**	**Yes**	**21**	**9.524**	**n/a**	**n/a**	**0.01**	**NP**
Total Dissolved Solids (mg/L)	MW-306 (bg)	2.966	77	87	No	21	23.81	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-307 (bg)	0.8038	19	87	No	21	19.05	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	MW-308	-21	-65	-92	No	22	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 20 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

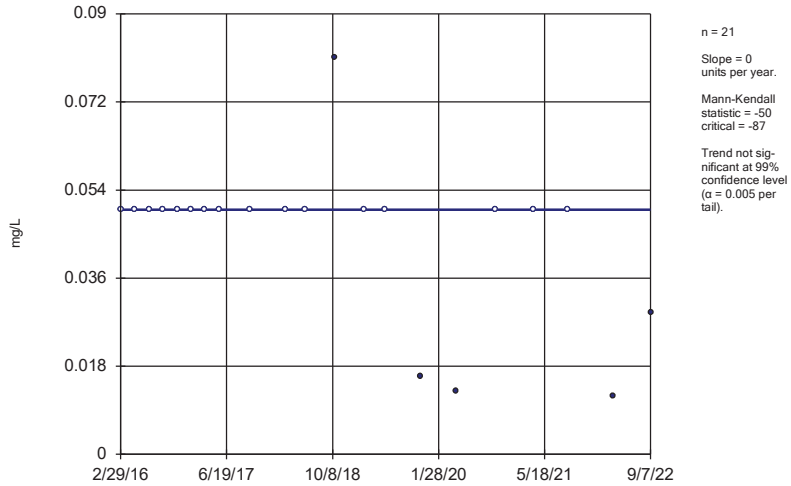
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -50 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

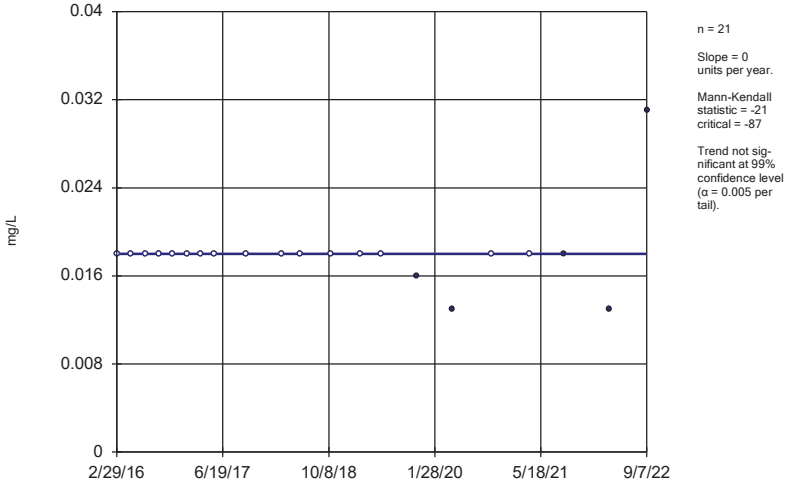
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -21 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

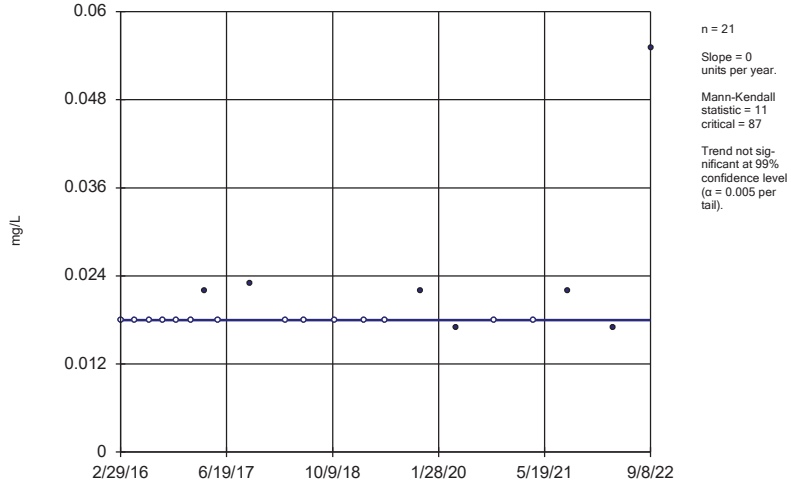
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 11 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

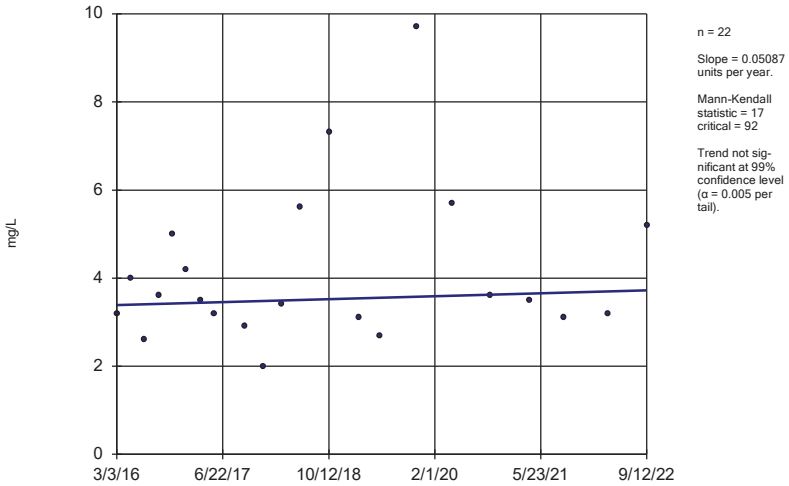
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-303



n = 22

Slope = 0.05087 units per year.

Mann-Kendall statistic = 17 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

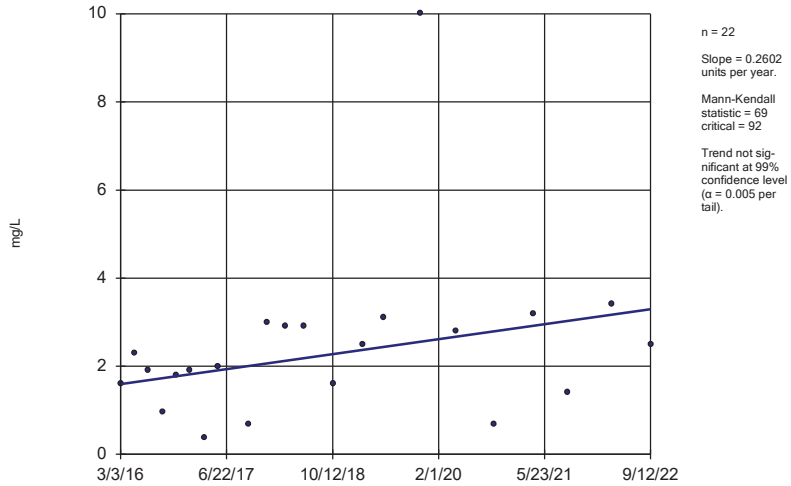
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-304



n = 22

Slope = 0.2602 units per year.

Mann-Kendall statistic = 69 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

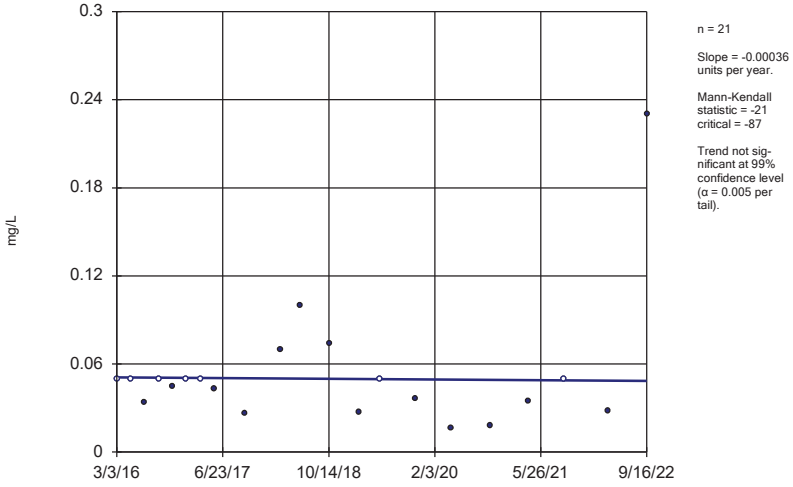
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 21

Slope = -0.00036 units per year.

Mann-Kendall statistic = -21 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

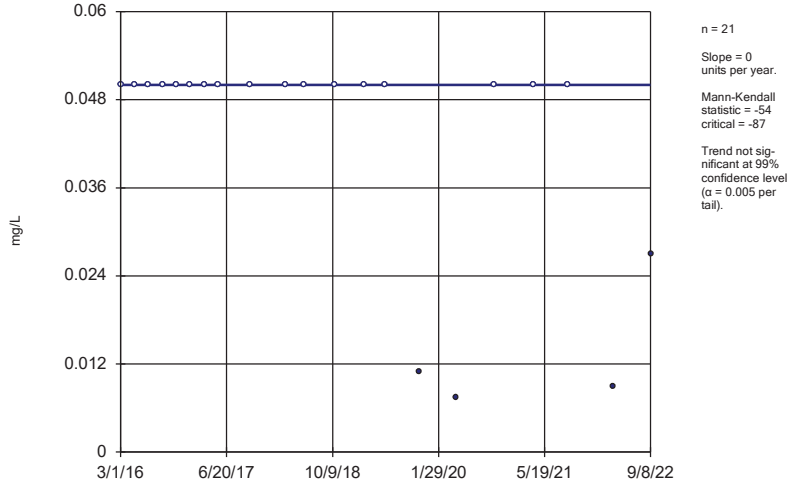
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -54 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

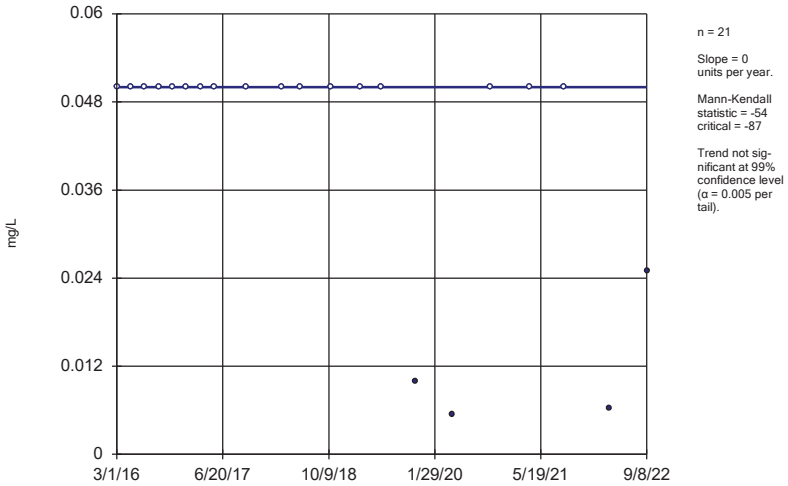
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -54 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

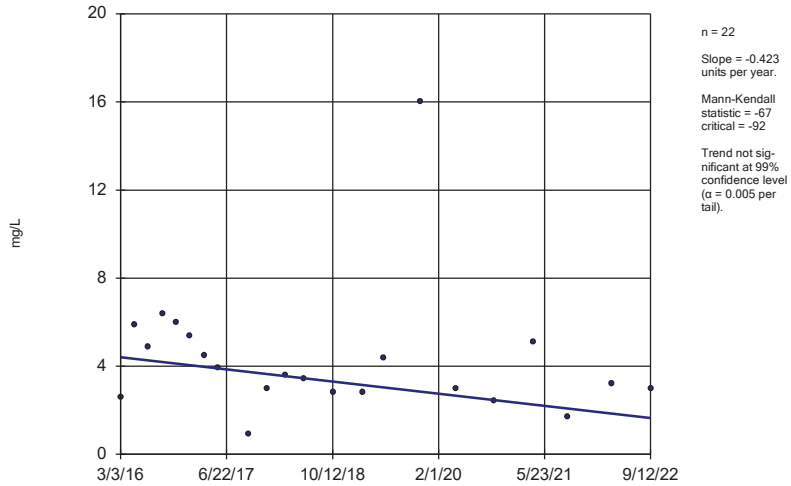
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-308



n = 22

Slope = -0.423 units per year.

Mann-Kendall statistic = -67 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

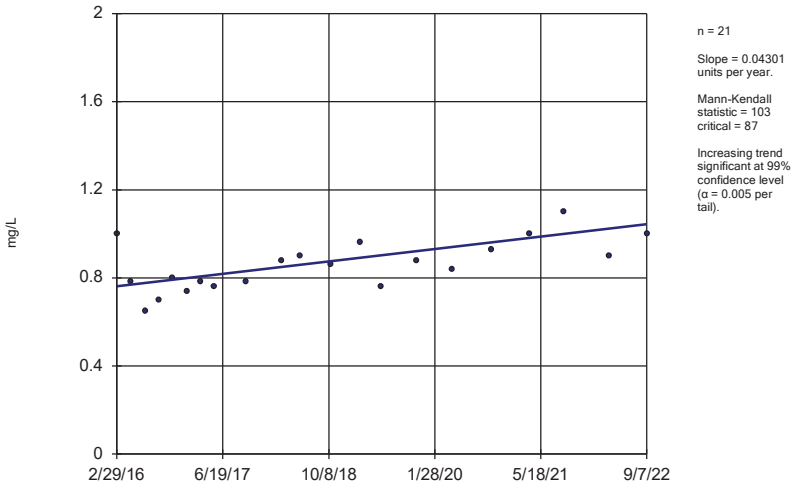
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0.04301 units per year.

Mann-Kendall statistic = 103 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

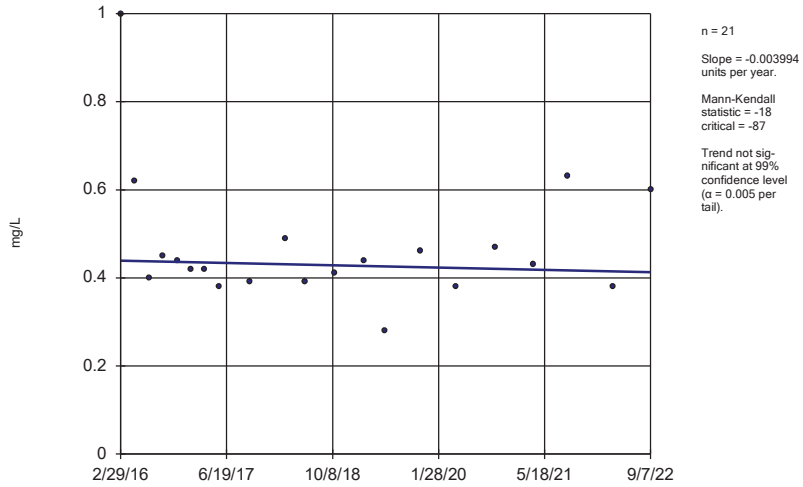
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = -0.003994 units per year.

Mann-Kendall statistic = -18 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

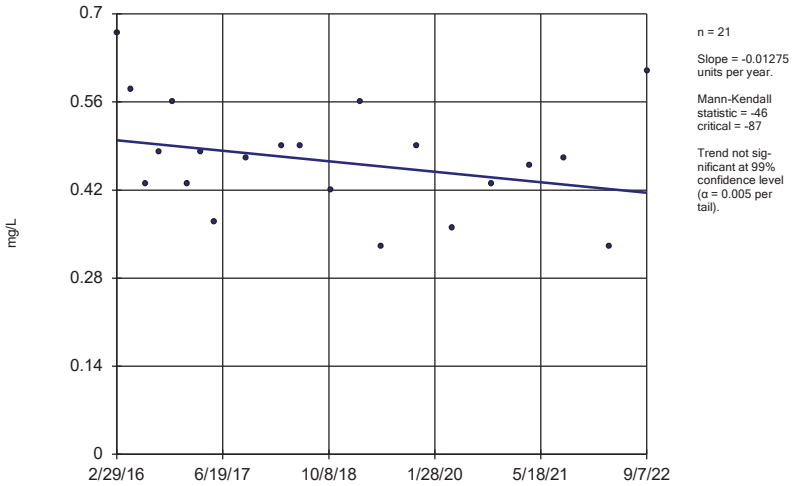
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = -0.01275 units per year.

Mann-Kendall statistic = -46
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

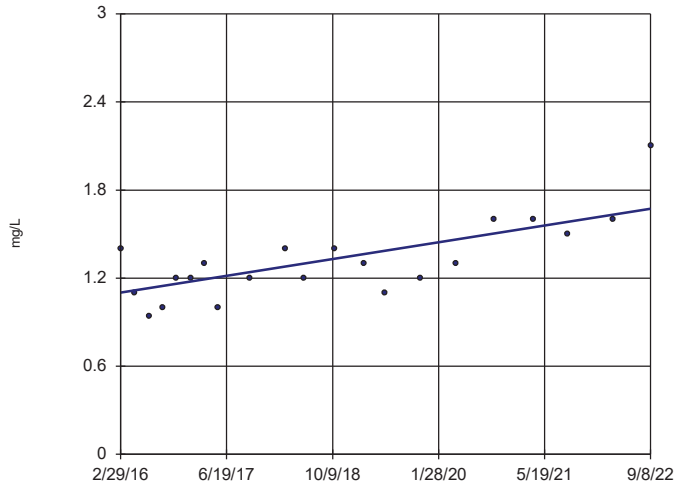
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0.08717 units per year.

Mann-Kendall statistic = 109
critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

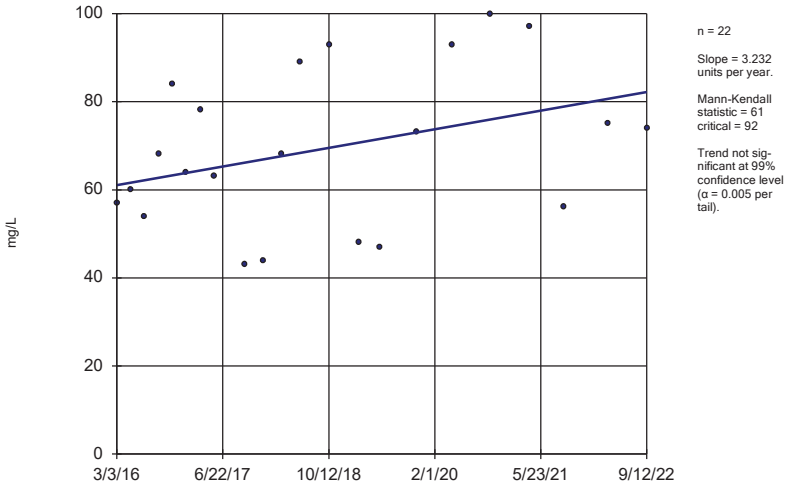
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-303



n = 22

Slope = 3.232 units per year.

Mann-Kendall statistic = 61
critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

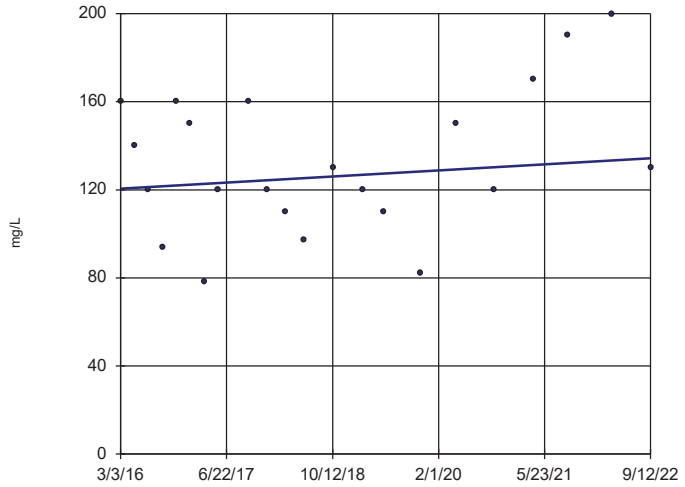
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-304



n = 22

Slope = 2.113 units per year.

Mann-Kendall statistic = 27
critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

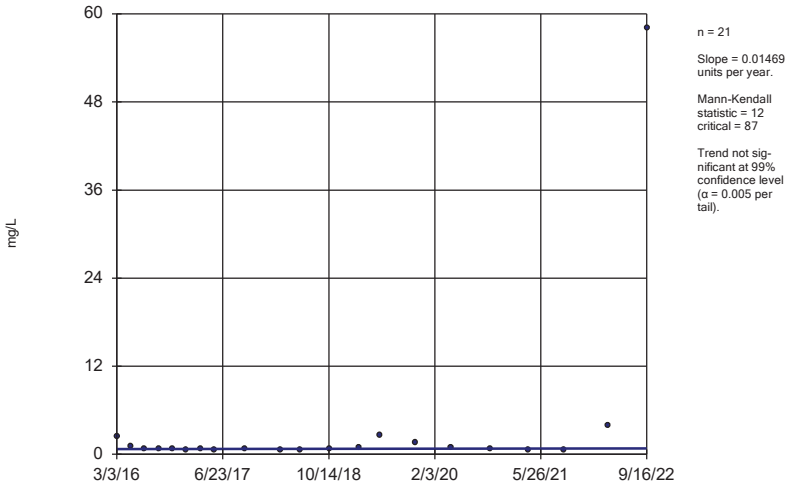
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-305



n = 21

Slope = 0.01469 units per year.

Mann-Kendall statistic = 12 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

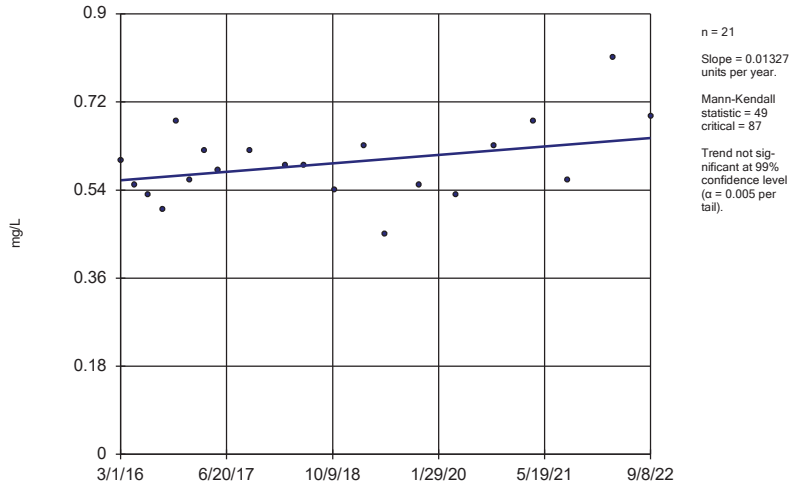
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0.01327 units per year.

Mann-Kendall statistic = 49 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

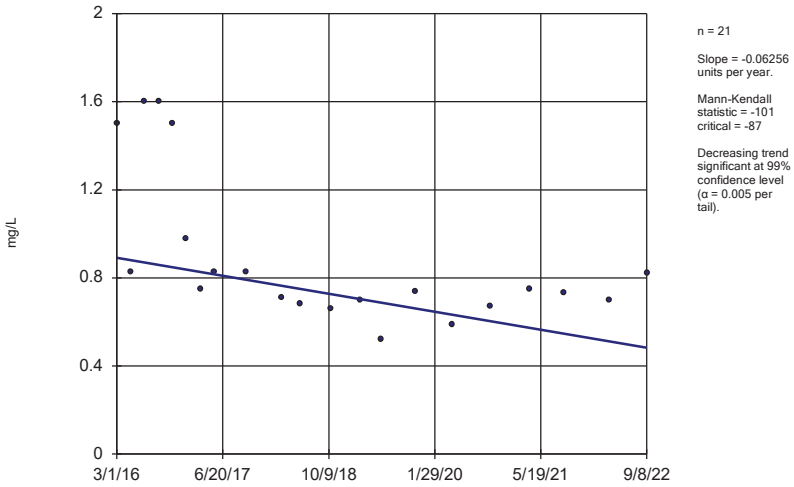
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = -0.06256 units per year.

Mann-Kendall statistic = -101 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

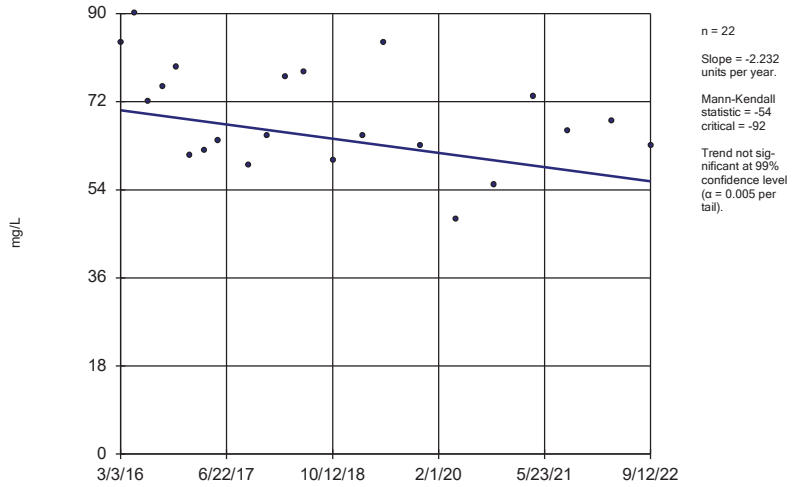
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-308



n = 22

Slope = -2.232 units per year.

Mann-Kendall statistic = -54 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

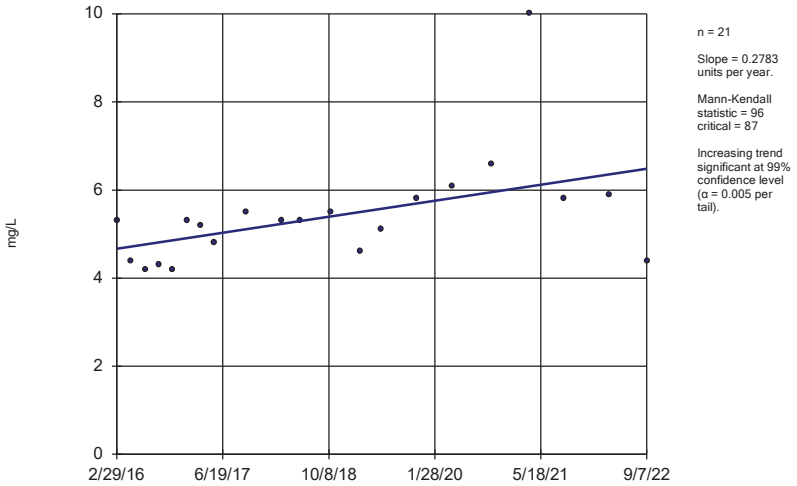
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0.2783 units per year.

Mann-Kendall statistic = 96
critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

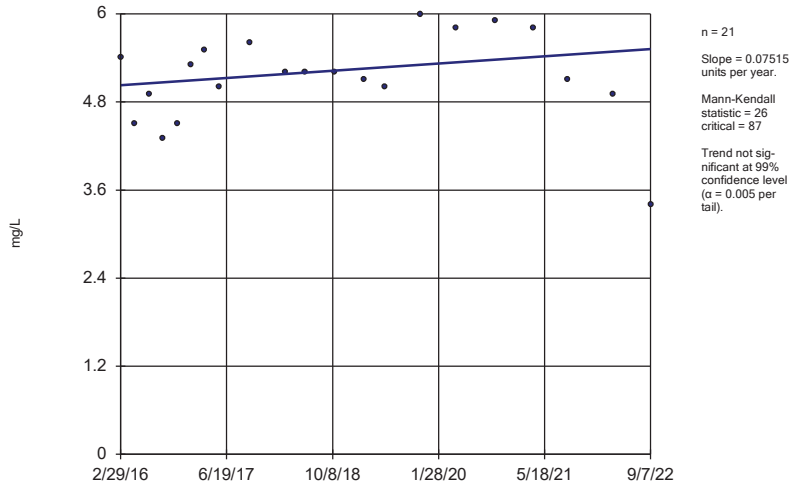
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0.07515 units per year.

Mann-Kendall statistic = 26
critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

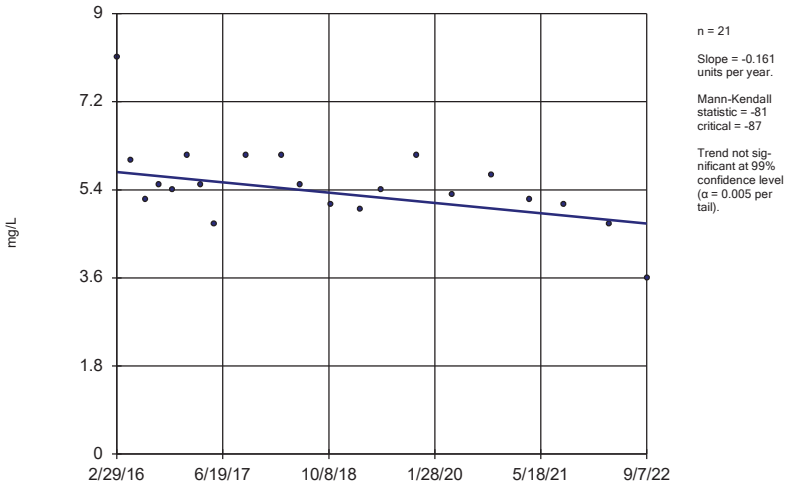
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = -0.161 units per year.

Mann-Kendall statistic = -81
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

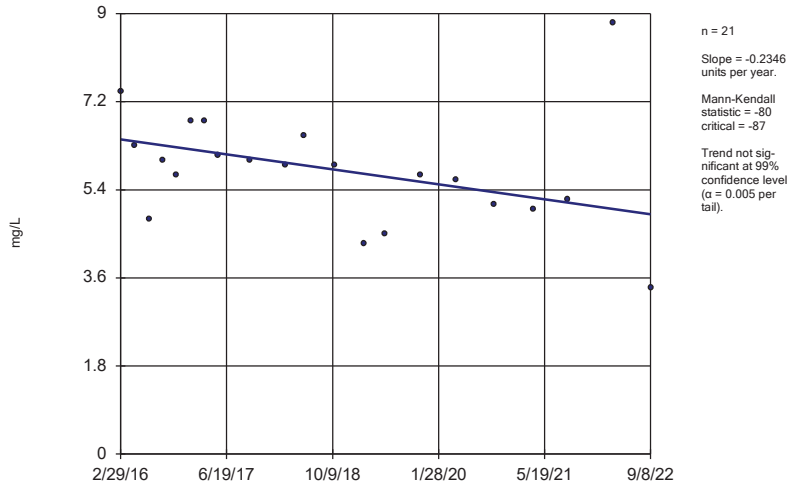
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = -0.2346 units per year.

Mann-Kendall statistic = -80
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

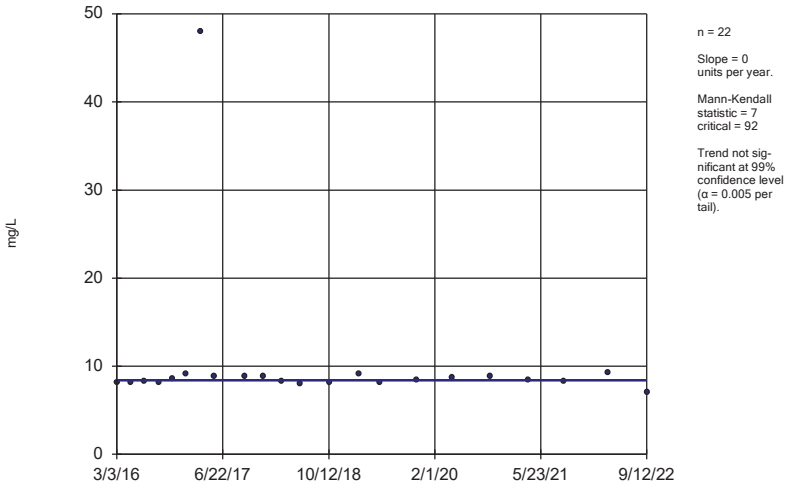
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-300



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 7 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

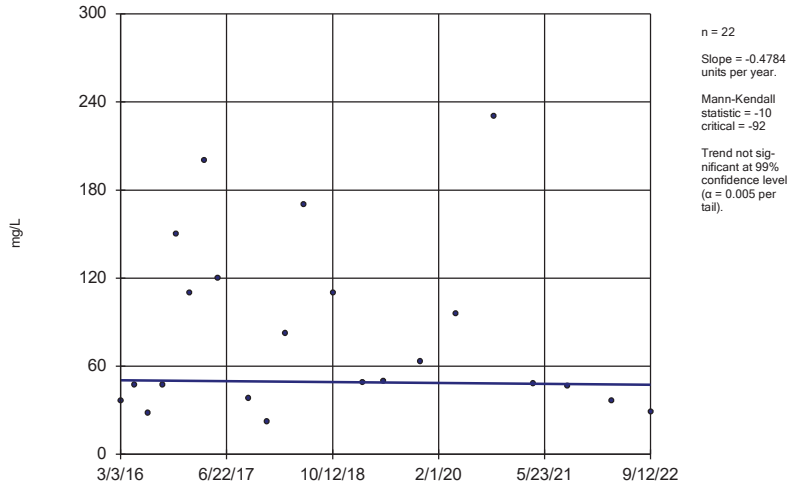
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-303



n = 22

Slope = -0.4784 units per year.

Mann-Kendall statistic = -10 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

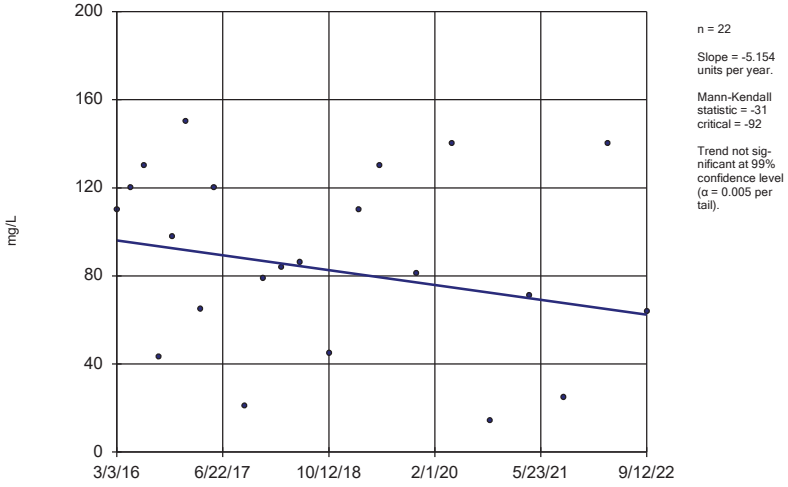
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-304



n = 22

Slope = -5.154 units per year.

Mann-Kendall statistic = -31 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

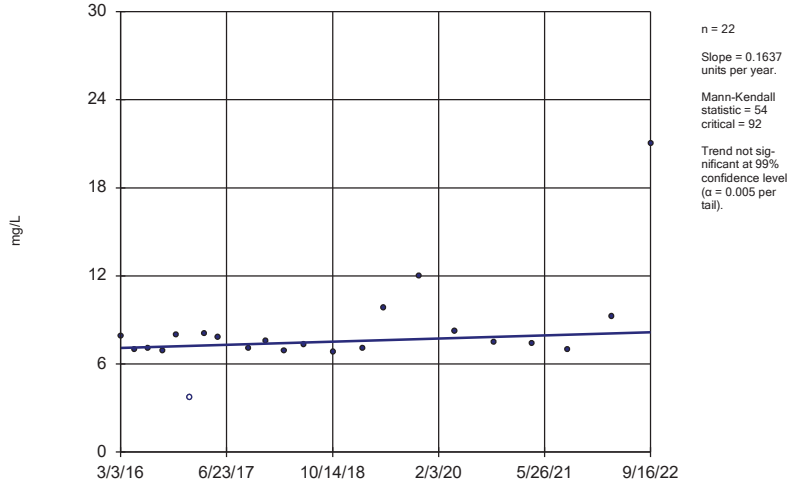
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 22

Slope = 0.1637 units per year.

Mann-Kendall statistic = 54 critical = 92

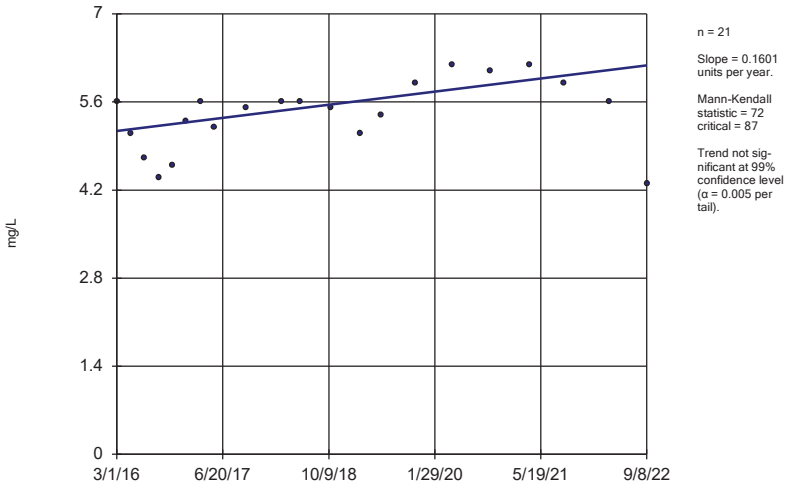
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0.1601 units per year.

Mann-Kendall statistic = 72 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

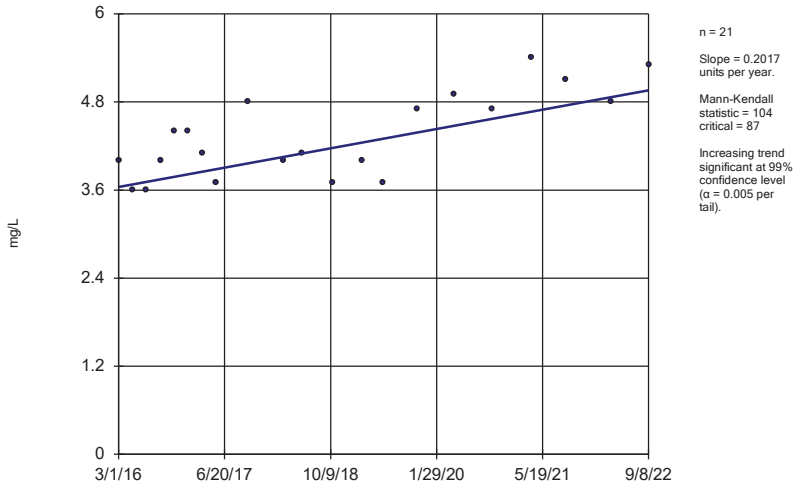
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0.2017 units per year.

Mann-Kendall statistic = 104 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

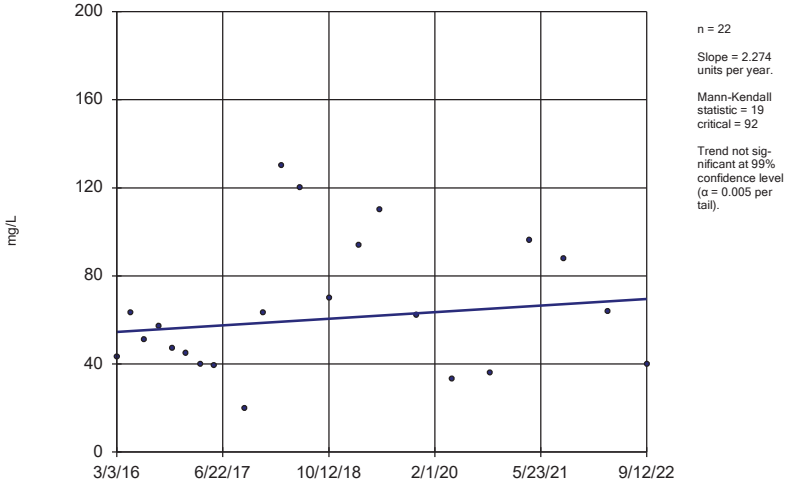
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-308



n = 22

Slope = 2.274 units per year.

Mann-Kendall statistic = 19 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

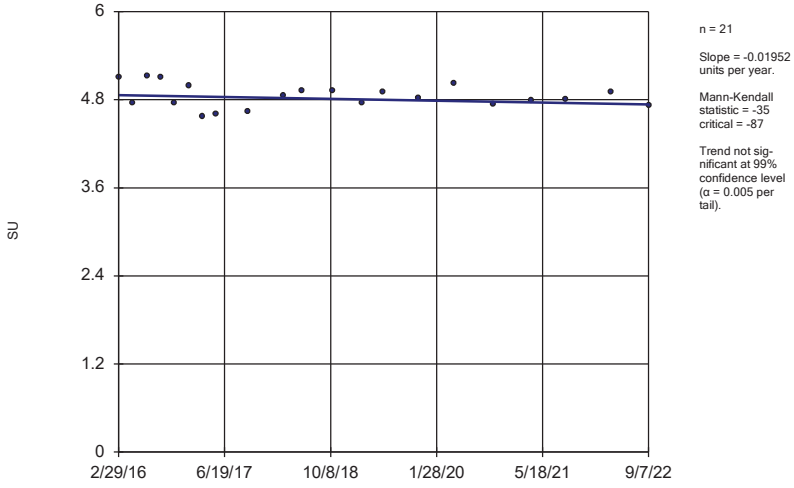
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = -0.01952 units per year.

Mann-Kendall statistic = -35 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

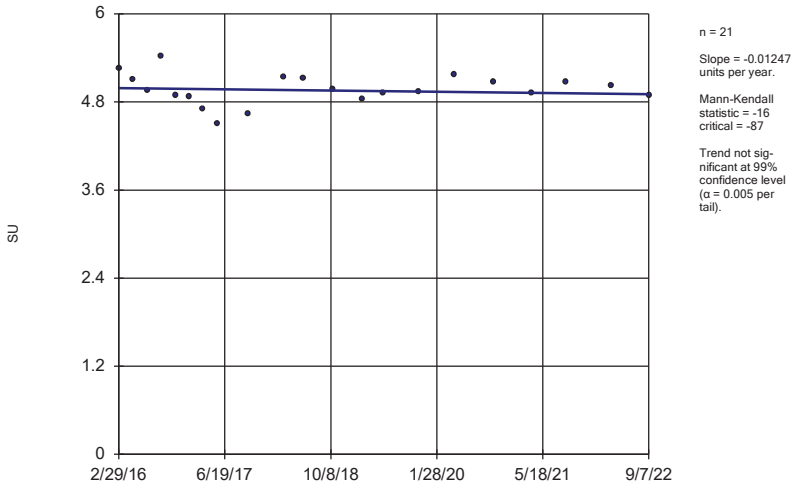
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = -0.01247 units per year.

Mann-Kendall statistic = -16 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

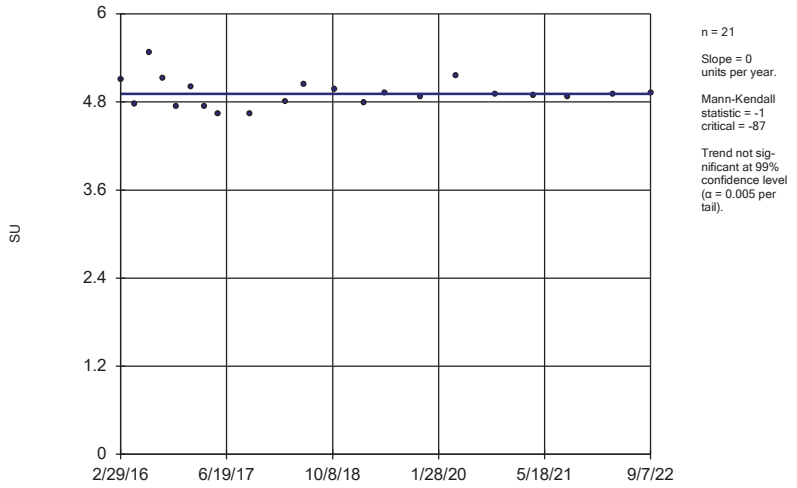
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

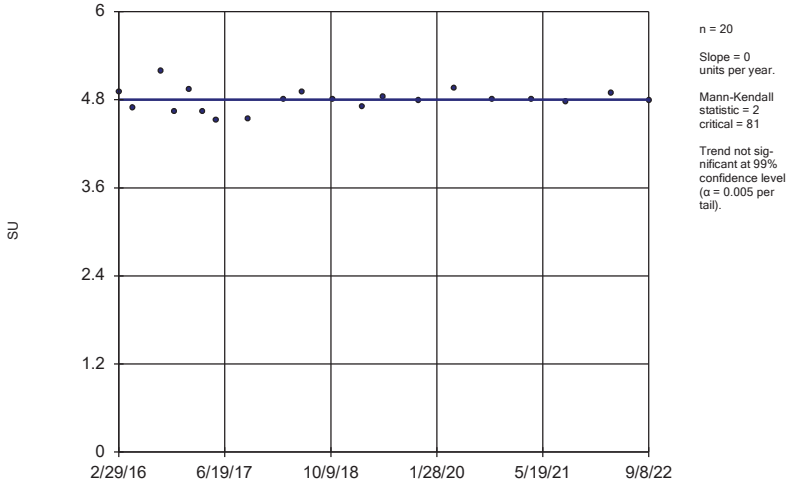
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-108 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 81

Trend not significant at 99% confidence level (α = 0.005 per tail).

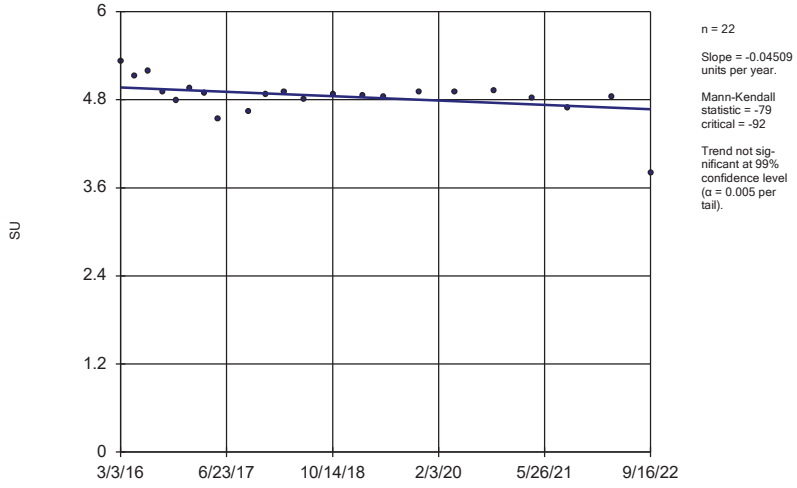
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-305



n = 22

Slope = -0.04509 units per year.

Mann-Kendall statistic = -79 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

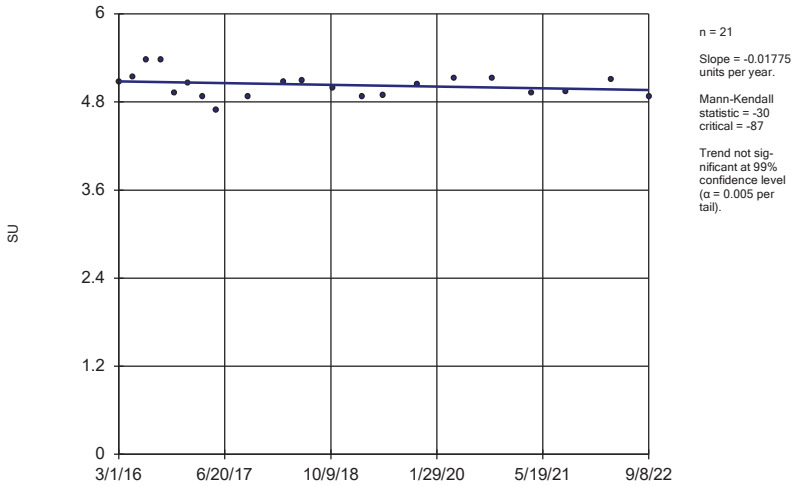
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = -0.01775 units per year.

Mann-Kendall statistic = -30 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

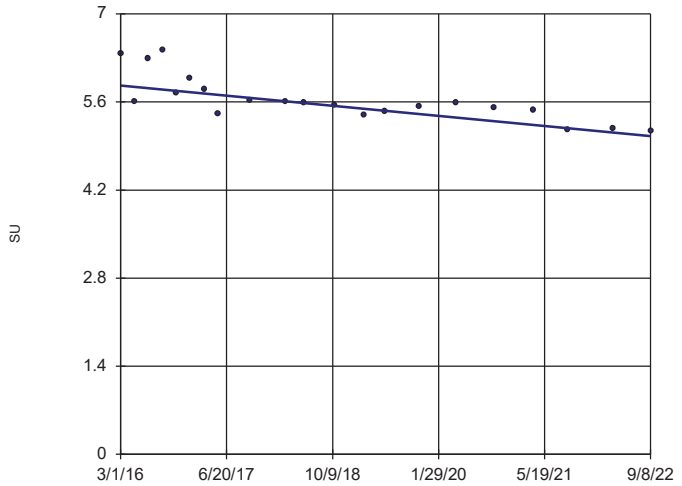
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = -0.1231 units per year.

Mann-Kendall statistic = -147 critical = -87

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

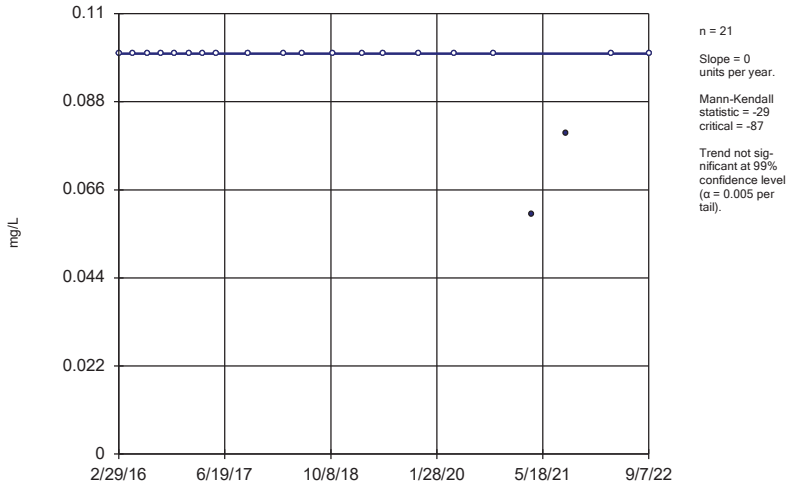
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -29 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

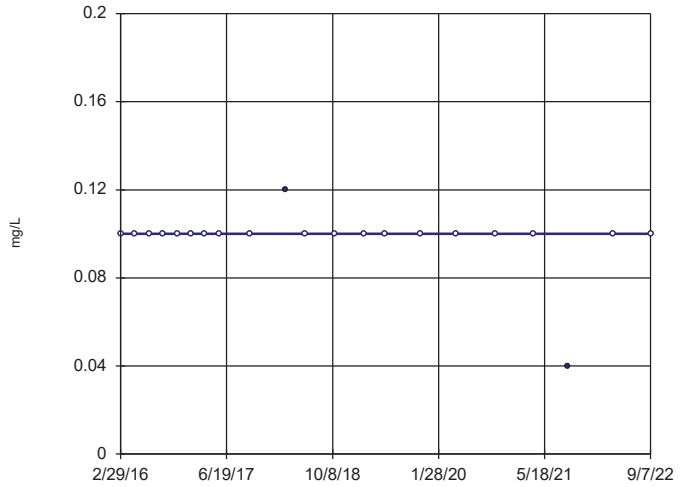
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -17 critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

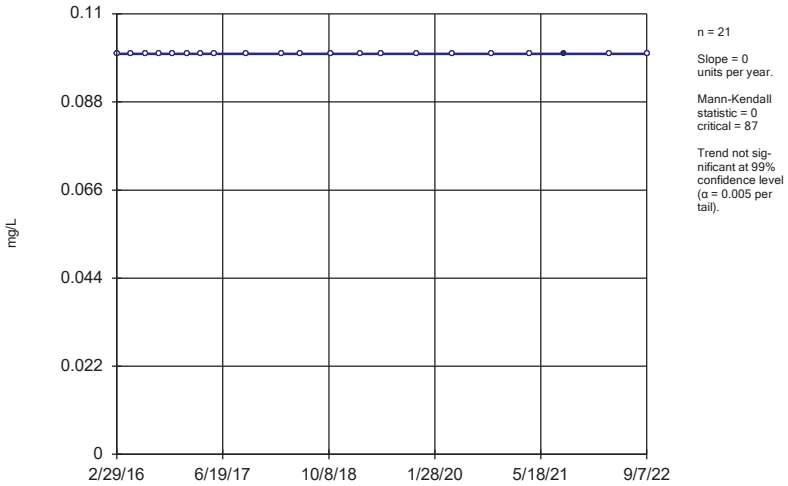
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

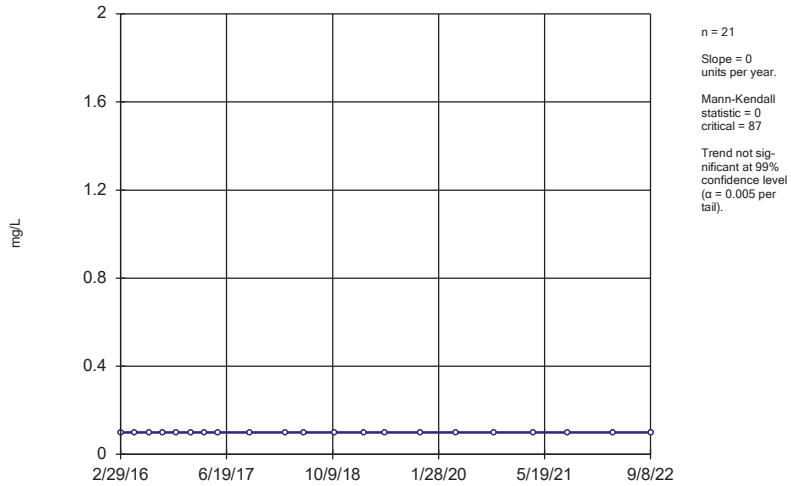
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

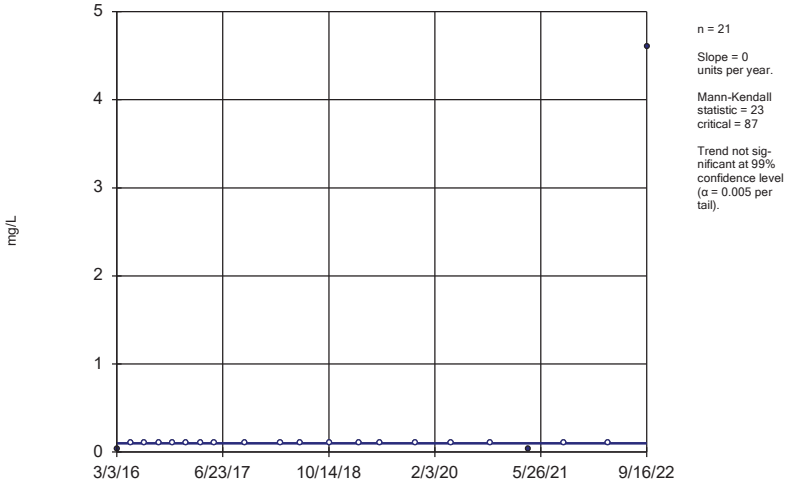
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 23 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

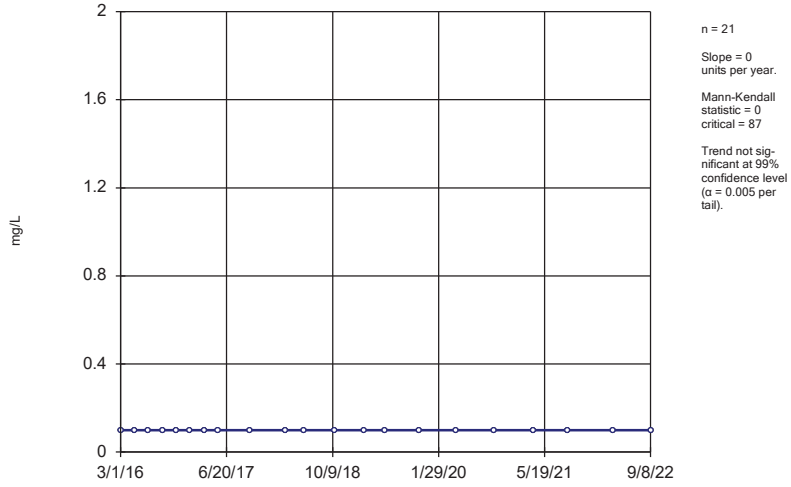
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

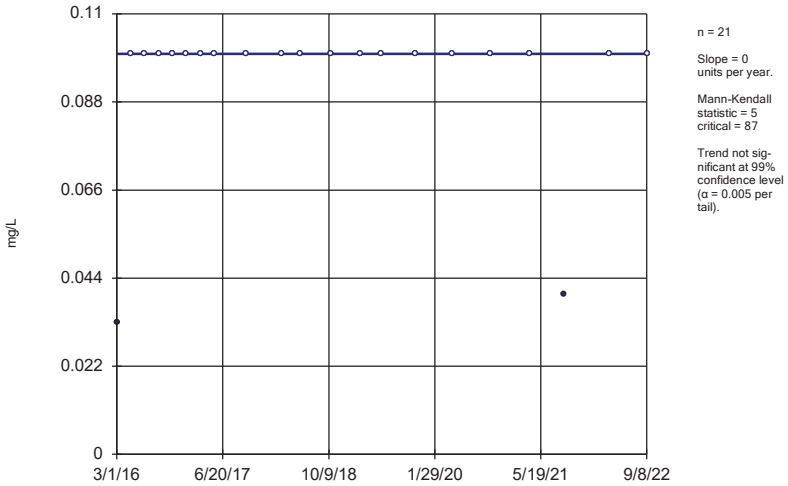
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 5
critical = 87

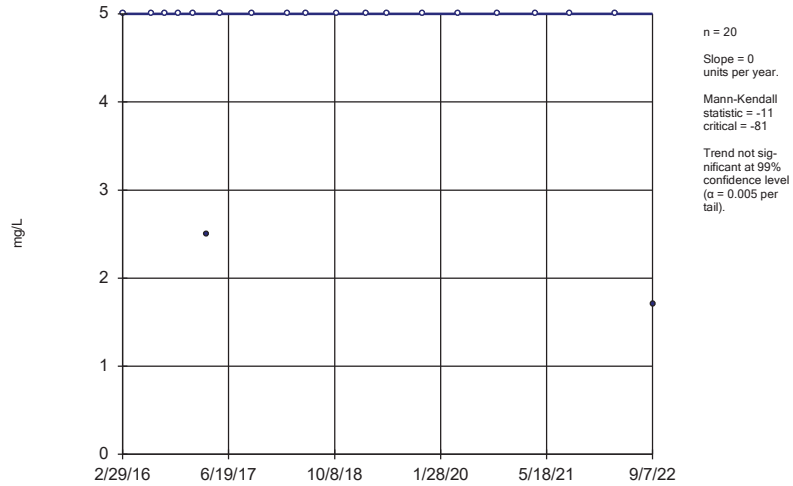
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -11
critical = -81

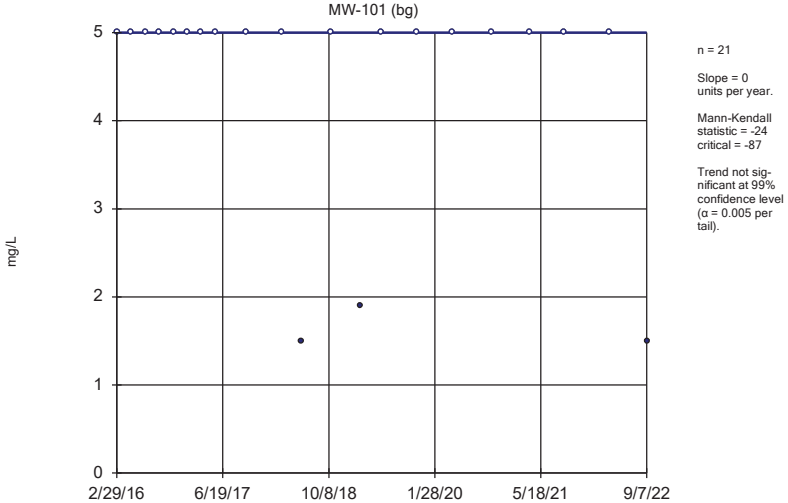
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = -24
critical = -87

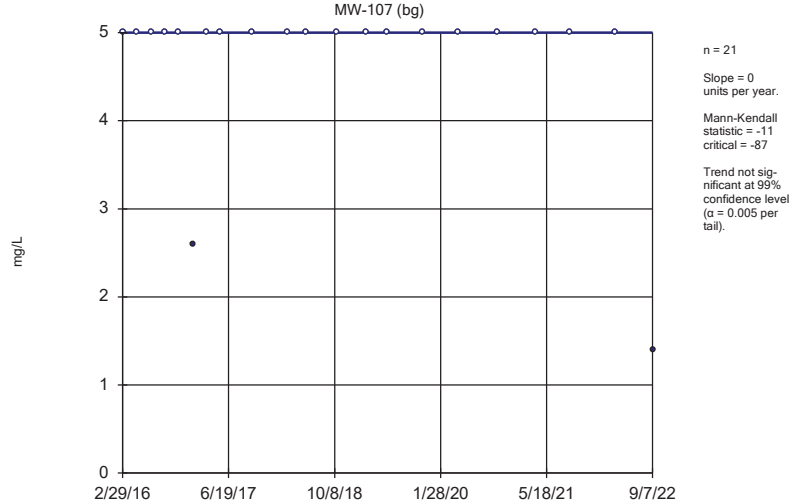
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 0 units per year.

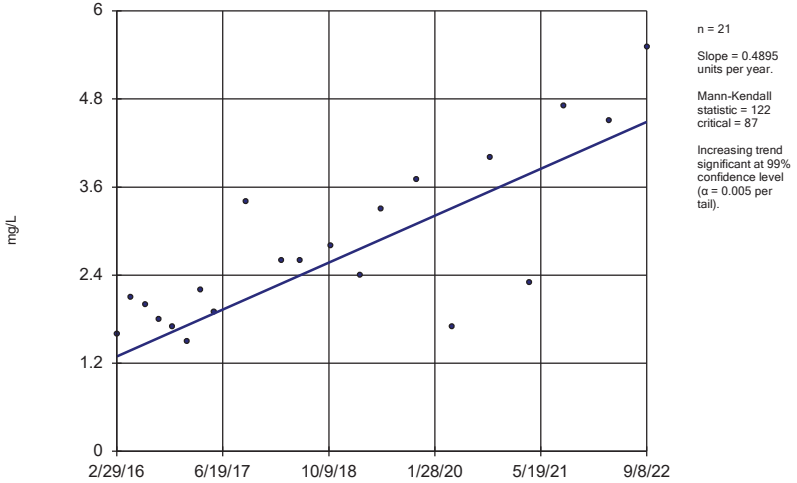
Mann-Kendall statistic = -11
critical = -87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 0.4895 units per year.

Mann-Kendall statistic = 122 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

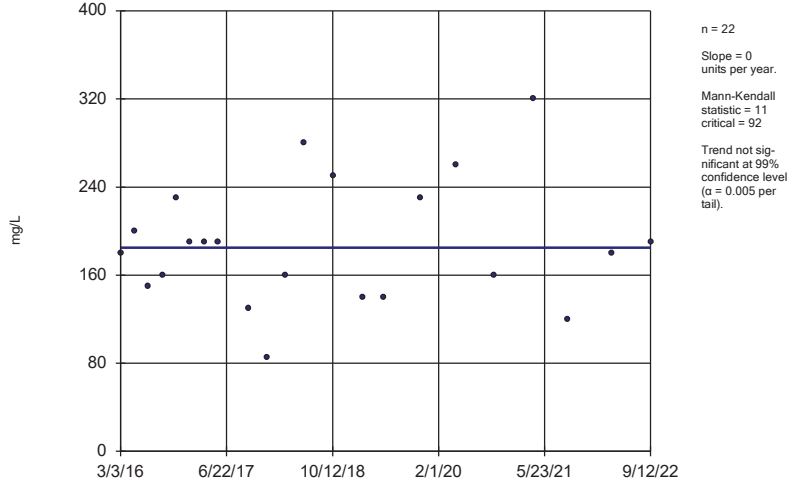
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-303



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 11 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

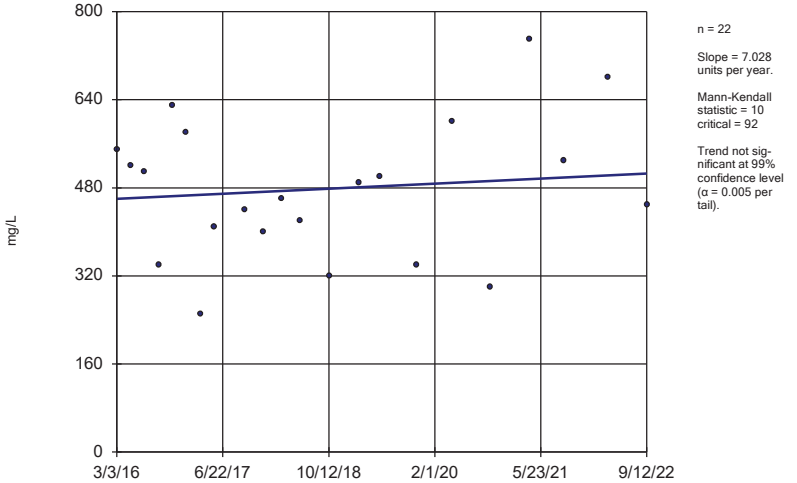
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-304



n = 22

Slope = 7.028 units per year.

Mann-Kendall statistic = 10 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

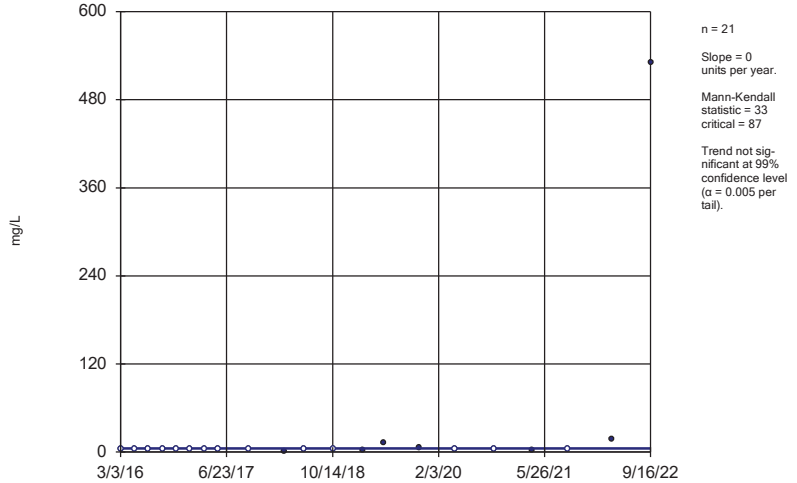
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 21

Slope = 0 units per year.

Mann-Kendall statistic = 33 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

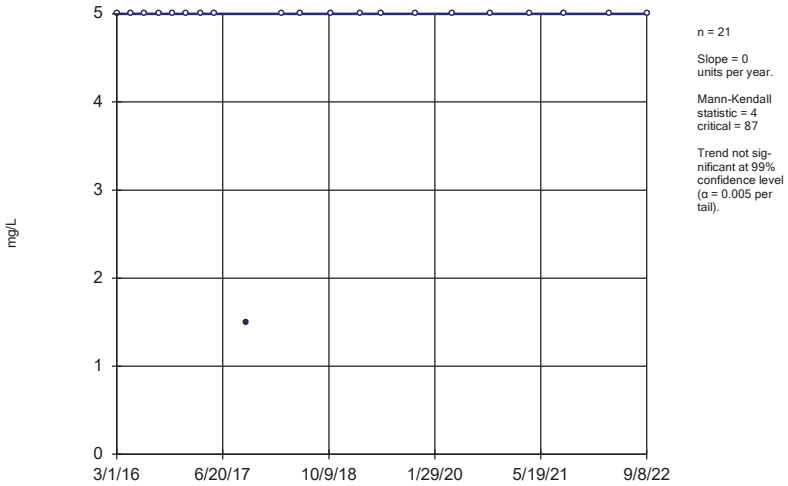
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 0
units per year.

Mann-Kendall
statistic = 4
critical = 87

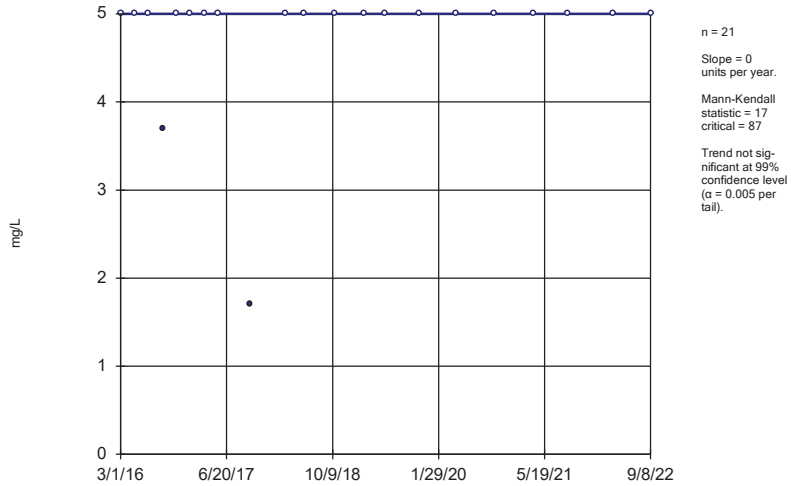
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0
units per year.

Mann-Kendall
statistic = 17
critical = 87

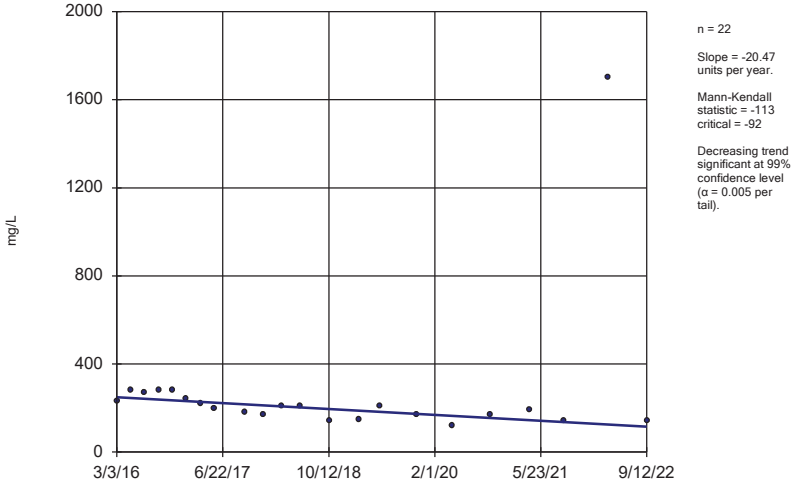
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-308



n = 22

Slope = -20.47
units per year.

Mann-Kendall
statistic = -113
critical = -92

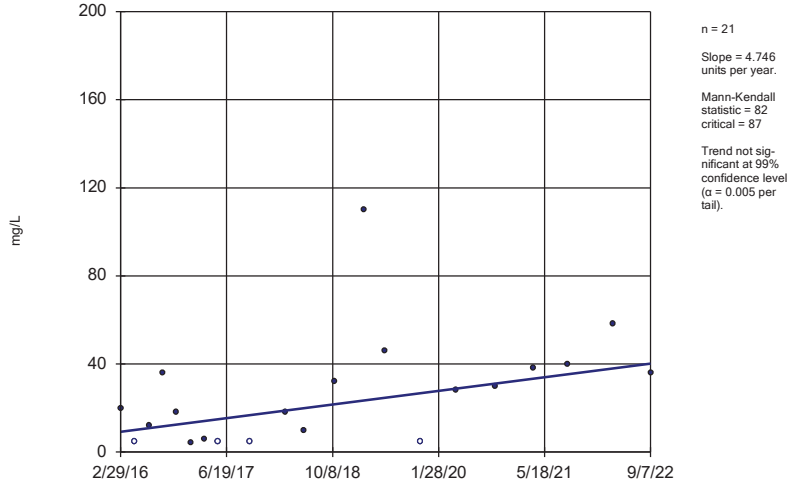
Decreasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



n = 21

Slope = 4.746
units per year.

Mann-Kendall
statistic = 82
critical = 87

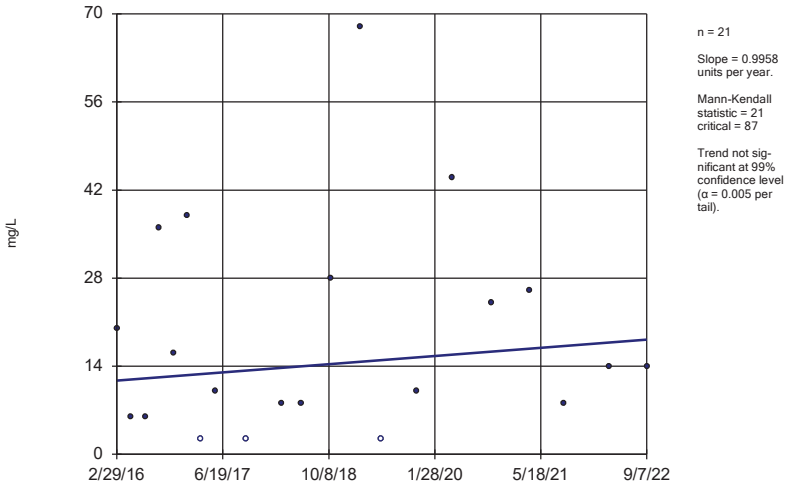
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-101 (bg)



n = 21

Slope = 0.9958 units per year.

Mann-Kendall statistic = 21
critical = 87

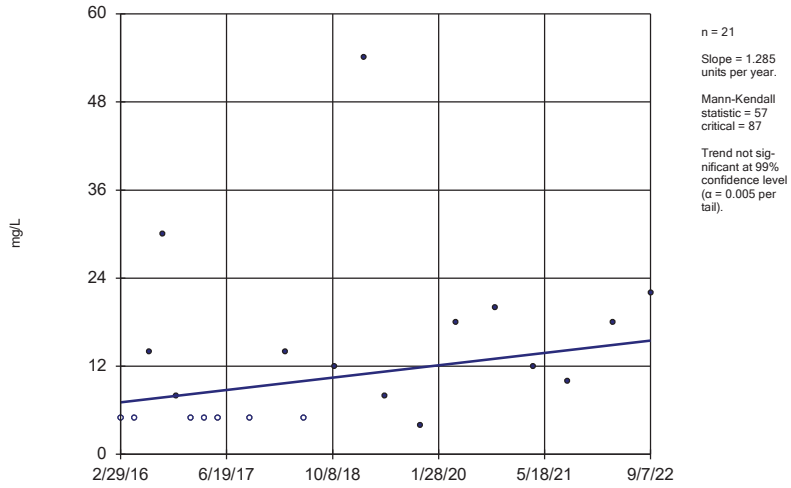
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



n = 21

Slope = 1.285 units per year.

Mann-Kendall statistic = 57
critical = 87

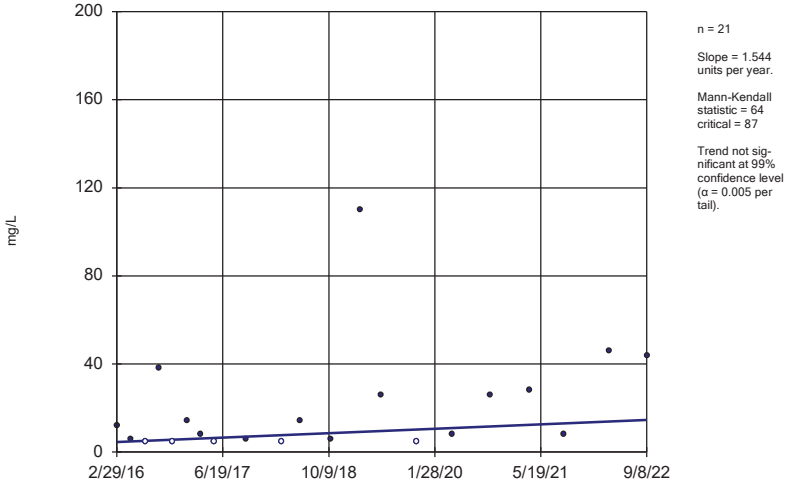
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



n = 21

Slope = 1.544 units per year.

Mann-Kendall statistic = 64
critical = 87

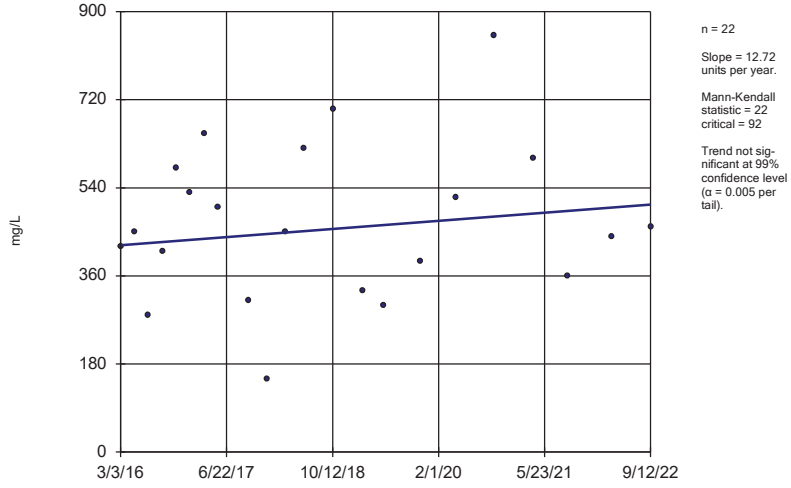
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-303



n = 22

Slope = 12.72 units per year.

Mann-Kendall statistic = 22
critical = 92

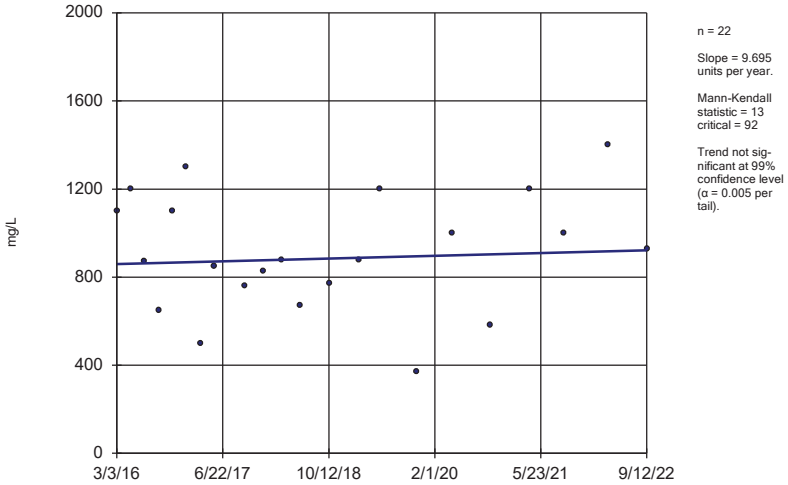
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Sen's Slope Estimator

MW-304



n = 22

Slope = 9.695 units per year.

Mann-Kendall statistic = 13 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test

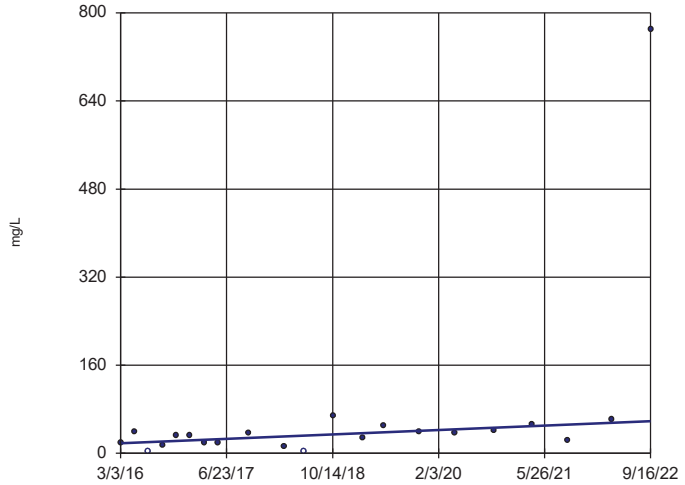
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-305



n = 21

Slope = 6.155 units per year.

Mann-Kendall statistic = 89 critical = 87

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test

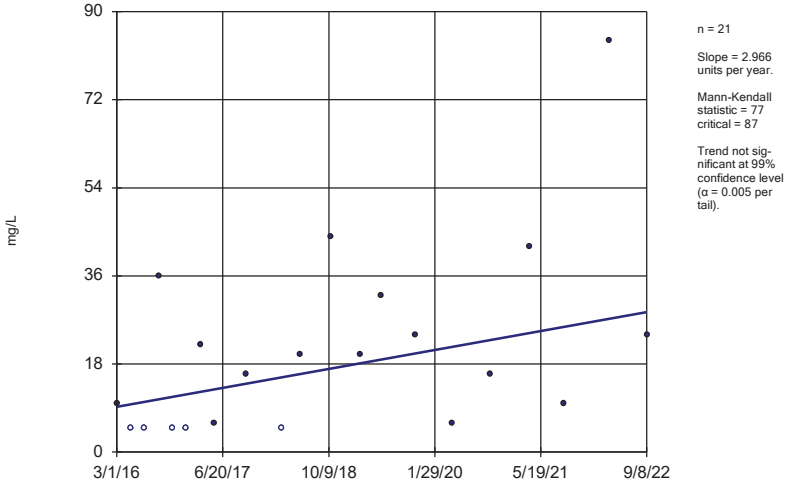
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



n = 21

Slope = 2.966 units per year.

Mann-Kendall statistic = 77 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test

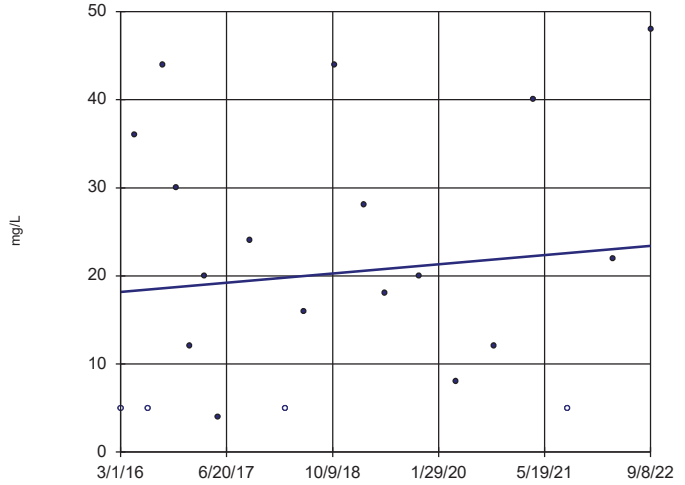
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)



n = 21

Slope = 0.8038 units per year.

Mann-Kendall statistic = 19 critical = 87

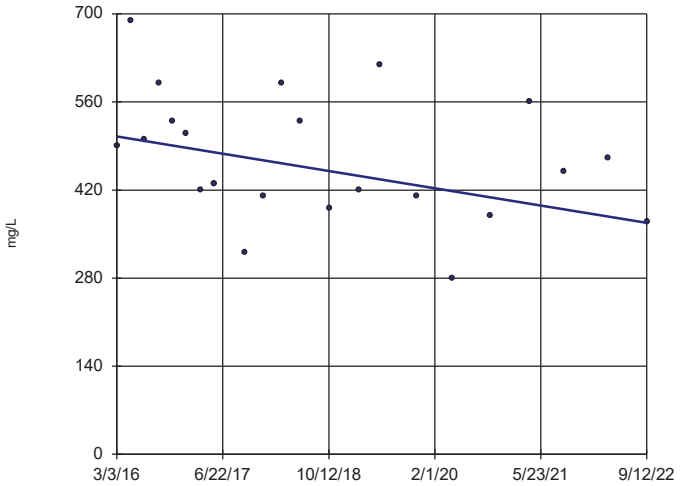
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sen's Slope Estimator

MW-308



n = 22

Slope = -21 units per year.

Mann-Kendall statistic = -65
critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:57 AM View: 300 Series - Trend Test

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Tolerance Limits

Upper Tolerance Limits Summary Table

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:44 AM

Constituent	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	0.0025	n/a	n/a	n/a	n/a	108	100	n/a	0.003928	NP Inter(NDs)
Arsenic (mg/L)	0.0013	n/a	n/a	n/a	n/a	120	82.5	n/a	0.002122	NP Inter(NDs)
Barium (mg/L)	0.023	n/a	n/a	n/a	n/a	120	0	n/a	0.002122	NP Inter(normality)
Beryllium (mg/L)	0.0025	n/a	n/a	n/a	n/a	120	90	n/a	0.002122	NP Inter(NDs)
Cadmium (mg/L)	0.0025	n/a	n/a	n/a	n/a	120	100	n/a	0.002122	NP Inter(NDs)
Chromium (mg/L)	0.0088	n/a	n/a	n/a	n/a	119	82.35	n/a	0.002234	NP Inter(NDs)
Cobalt (mg/L)	0.0032	n/a	n/a	n/a	n/a	120	39.17	n/a	0.002122	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	2.476	n/a	n/a	n/a	n/a	120	2.5	x^(1/3)	0.05	Inter
Fluoride (mg/L)	0.12	n/a	n/a	n/a	n/a	126	94.44	n/a	0.00156	NP Inter(NDs)
Lead (mg/L)	0.0013	n/a	n/a	n/a	n/a	120	94.17	n/a	0.002122	NP Inter(NDs)
Lithium (mg/L)	0.0054	n/a	n/a	n/a	n/a	119	69.75	n/a	0.002234	NP Inter(normality)
Mercury (mg/L)	0.00025	n/a	n/a	n/a	n/a	120	95	n/a	0.002122	NP Inter(NDs)
Molybdenum (mg/L)	0.015	n/a	n/a	n/a	n/a	120	94.17	n/a	0.002122	NP Inter(NDs)
Selenium (mg/L)	0.0034	n/a	n/a	n/a	n/a	120	82.5	n/a	0.002122	NP Inter(NDs)
Thallium (mg/L)	0.0005	n/a	n/a	n/a	n/a	120	99.17	n/a	0.002122	NP Inter(NDs)

Groundwater Protection Standards

GULF CLEAN ENERGY CENTER GWPS				
Constituent Name	**MCL**	**CCR Rule-Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0025	0.006
Arsenic, Total (mg/L)	0.01		0.0013	0.01
Barium, Total (mg/L)	2		0.023	2
Beryllium, Total (mg/L)	0.004		0.0025	0.004
Cadmium, Total (mg/L)	0.005		0.0025	0.005
Chromium, Total (mg/L)	0.1		0.0088	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.0032	0.006
Combined Radium, Total (pCi/L)	5		2.48	5
Fluoride, Total (mg/L)	4		0.12	4
Lead, Total (mg/L)	0.015		0.0013	0.015
Lithium, Total (mg/L)	n/a	0.04	0.0054	0.04
Mercury, Total (mg/L)	0.002		0.00025	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.015	0.1
Selenium, Total (mg/L)	0.05		0.0034	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

MCL = Maximum Contaminant Level

GWPS = Groundwater Protection Standard

Confidence Intervals - 100, 200 & 300 Series

100 Series

Confidence Interval Summary Table - 100 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Cobalt (mg/L)	**MW-104**	**0.02202**	**0.01538**	**0.006**	**Yes**	**20**	**0.005841**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**MW-110**	**0.01388**	**0.006484**	**0.006**	**Yes**	**20**	**0.006509**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.44**	**13.73**	**5**	**Yes**	**20**	**4.145**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.038**	**5.579**	**5**	**Yes**	**20**	**1.284**	**0**	**No**	**0.01**	**Param.**
Mercury (mg/L)	**MW-110**	**0.00562**	**0.003474**	**0.002**	**Yes**	**20**	**0.00189**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 100 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-102	0.0013	0.0005	0.01	No	20	0.0001789	95	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-103	0.0021	0.00051	0.01	No	20	0.000358	85	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-104	0.006876	0.002669	0.01	No	20	0.003704	5	No	0.01	Param.
Arsenic (mg/L)	MW-105	0.0048	0.0036	0.01	No	20	0.001705	0	No	0.01	NP (normality)
Arsenic (mg/L)	MW-109	0.0013	0.0011	0.01	No	20	0.0002902	85	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-110	0.0013	0.00051	0.01	No	20	0.0004422	60	No	0.01	NP (normality)
Barium (mg/L)	MW-102	0.012	0.0086	2	No	20	0.004698	0	No	0.01	NP (normality)
Barium (mg/L)	MW-103	0.05644	0.03746	2	No	20	0.01671	0	No	0.01	Param.
Barium (mg/L)	MW-104	0.02643	0.02077	2	No	20	0.004978	0	No	0.01	Param.
Barium (mg/L)	MW-105	0.04514	0.03376	2	No	20	0.01002	0	No	0.01	Param.
Barium (mg/L)	MW-106	0.01191	0.01001	2	No	20	0.001833	0	ln(x)	0.01	Param.
Barium (mg/L)	MW-109	0.02291	0.01846	2	No	20	0.004112	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-110	0.04387	0.03243	2	No	20	0.01007	0	No	0.01	Param.
Beryllium (mg/L)	MW-102	0.0025	0.00011	0.004	No	20	0.0005344	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-104	0.001167	0.0008105	0.004	No	20	0.0003135	10	No	0.01	Param.
Beryllium (mg/L)	MW-109	0.0025	0.000044	0.004	No	20	0.0005492	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-110	0.0025	0.00013	0.004	No	20	0.0007366	90	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-104	0.0025	0.00049	0.005	No	20	0.001018	50	No	0.01	NP (normality)
Cadmium (mg/L)	MW-109	0.0025	0.000078	0.005	No	20	0.0005416	95	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-110	0.0025	0.00032	0.005	No	20	0.0007041	90	No	0.01	NP (NDs)
Chromium (mg/L)	MW-102	0.0028	0.0012	0.1	No	20	0.001045	80	No	0.01	NP (NDs)
Chromium (mg/L)	MW-103	0.003	0.0011	0.1	No	20	0.001754	70	No	0.01	NP (normality)
Chromium (mg/L)	MW-104	0.002596	0.001851	0.1	No	20	0.0005284	25	No	0.01	Param.
Chromium (mg/L)	MW-105	0.002475	0.001783	0.1	No	20	0.0006088	5	No	0.01	Param.
Chromium (mg/L)	MW-106	0.0044	0.0019	0.1	No	20	0.0004522	90	No	0.01	NP (NDs)
Chromium (mg/L)	MW-109	0.0061	0.0025	0.1	No	20	0.003083	90	No	0.01	NP (NDs)
Chromium (mg/L)	MW-110	0.0025	0.0016	0.1	No	20	0.0006592	80	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-102	0.0025	0.00088	0.006	No	20	0.0007716	85	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-103	0.0025	0.00044	0.006	No	20	0.00102	65	No	0.01	NP (normality)
Cobalt (mg/L)	**MW-104**	**0.02202**	**0.01538**	**0.006**	**Yes**	**20**	**0.005841**	**0**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-105	0.0025	0.00087	0.006	No	20	0.0007528	85	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-106	0.0025	0.00045	0.006	No	20	0.0009516	35	No	0.01	NP (normality)
Cobalt (mg/L)	MW-109	0.007506	0.003959	0.006	No	20	0.003124	0	No	0.01	Param.
Cobalt (mg/L)	**MW-110**	**0.01388**	**0.006484**	**0.006**	**Yes**	**20**	**0.006509**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-102	1.92	1.23	5	No	20	1.098	0	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-103	6.519	4.707	5	No	20	1.595	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-104**	**18.44**	**13.73**	**5**	**Yes**	**20**	**4.145**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-105	4.05	2.527	5	No	20	1.341	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-106	1.352	0.8137	5	No	20	0.4736	5	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-109	3.057	1.804	5	No	20	1.103	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-110**	**7.038**	**5.579**	**5**	**Yes**	**20**	**1.284**	**0**	**No**	**0.01**	**Param.**
Fluoride (mg/L)	MW-103	0.24	0.037	4	No	21	0.03412	90.48	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-104	0.3495	0.2396	4	No	22	0.1024	4.545	No	0.01	Param.
Fluoride (mg/L)	MW-105	0.1	0.041	4	No	21	0.02755	66.67	No	0.01	NP (normality)
Fluoride (mg/L)	MW-109	0.1	0.05	4	No	21	0.01091	95.24	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-110	0.1	0.04	4	No	21	0.02875	61.9	No	0.01	NP (normality)
Lead (mg/L)	MW-102	0.0013	0.00018	0.015	No	20	0.0003509	90	No	0.01	NP (NDs)
Lead (mg/L)	MW-103	0.0013	0.00011	0.015	No	20	0.0002661	95	No	0.01	NP (NDs)
Lead (mg/L)	MW-104	0.002322	0.001868	0.015	No	20	0.0004006	0	No	0.01	Param.
Lead (mg/L)	MW-105	0.0013	0.00091	0.015	No	20	0.0002735	90	No	0.01	NP (NDs)
Lead (mg/L)	MW-106	0.0013	0.00039	0.015	No	20	0.0002035	95	No	0.01	NP (NDs)
Lead (mg/L)	MW-109	0.0013	0.0012	0.015	No	20	0.0003831	80	No	0.01	NP (NDs)
Lead (mg/L)	MW-110	0.0013	0.0004	0.015	No	20	0.000427	75	No	0.01	NP (normality)
Lithium (mg/L)	MW-102	0.005	0.0014	0.04	No	20	0.001407	85	No	0.01	NP (NDs)
Lithium (mg/L)	MW-103	0.005	0.0017	0.04	No	20	0.001678	45	No	0.01	NP (normality)
Lithium (mg/L)	MW-104	0.03151	0.01962	0.04	No	20	0.01143	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-105	0.005	0.00039	0.04	No	20	0.001031	95	No	0.01	NP (NDs)
Lithium (mg/L)	MW-106	0.005	0.0035	0.04	No	20	0.00183	70	No	0.01	NP (normality)
Lithium (mg/L)	MW-109	0.006546	0.004974	0.04	No	20	0.001384	5	No	0.01	Param.
Lithium (mg/L)	MW-110	0.012	0.0073	0.04	No	20	0.01868	0	No	0.01	NP (normality)
Mercury (mg/L)	MW-102	0.0002	0.000094	0.002	No	20	0.00003263	90	No	0.01	NP (NDs)
Mercury (mg/L)	MW-103	0.00062	0.00016	0.002	No	20	0.00009731	85	No	0.01	NP (NDs)
Mercury (mg/L)	MW-104	0.001262	0.0006784	0.002	No	20	0.0005135	0	No	0.01	Param.
Mercury (mg/L)	MW-106	0.0002	0.00008	0.002	No	20	0.00002683	95	No	0.01	NP (NDs)
Mercury (mg/L)	MW-109	0.00047	0.0002	0.002	No	20	0.0007373	60	No	0.01	NP (normality)
Mercury (mg/L)	**MW-110**	**0.00562**	**0.003474**	**0.002**	**Yes**	**20**	**0.00189**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-102	0.015	0.00091	0.1	No	20	0.003151	95	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-103	0.015	0.00092	0.1	No	20	0.003148	95	No	0.01	NP (NDs)

Confidence Interval Summary Table - 100 Series - All Results

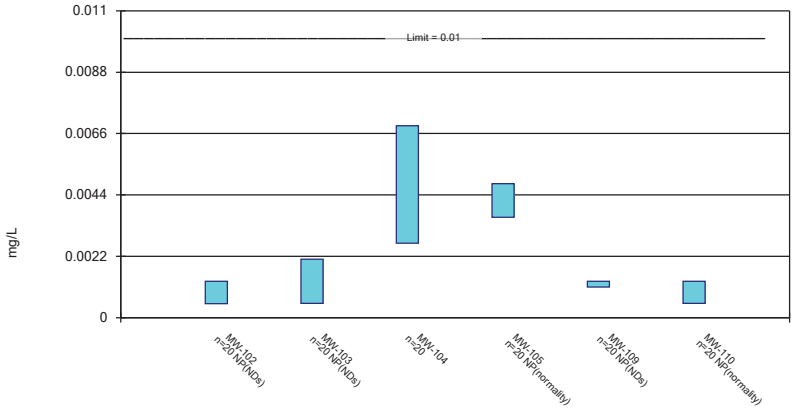
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Molybdenum (mg/L)	MW-105	0.005679	0.00376	0.1	No	20	0.00184	5	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-106	0.015	0.00068	0.1	No	20	0.003202	95	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-109	0.015	0.0009	0.1	No	20	0.003153	95	No	0.01	NP (NDs)
Selenium (mg/L)	MW-102	0.0013	0.001	0.05	No	20	0.0008583	70	No	0.01	NP (normality)
Selenium (mg/L)	MW-103	0.002672	0.001753	0.05	No	20	0.0008091	5	No	0.01	Param.
Selenium (mg/L)	MW-104	0.01239	0.005906	0.05	No	20	0.005713	0	No	0.01	Param.
Selenium (mg/L)	MW-105	0.0013	0.0004	0.05	No	20	0.0004743	55	No	0.01	NP (normality)
Selenium (mg/L)	MW-106	0.0016	0.0013	0.05	No	20	0.00006708	95	No	0.01	NP (NDs)
Selenium (mg/L)	MW-109	0.002	0.00035	0.05	No	20	0.0004252	80	No	0.01	NP (NDs)
Selenium (mg/L)	MW-110	0.003771	0.003239	0.05	No	20	0.0004685	0	No	0.01	Param.
Thallium (mg/L)	MW-102	0.0005	0.00021	0.002	No	20	0.00006485	95	No	0.01	NP (NDs)
Thallium (mg/L)	MW-103	0.0005	0.00015	0.002	No	20	0.0001284	90	No	0.01	NP (NDs)
Thallium (mg/L)	MW-104	0.0003521	0.0002509	0.002	No	20	0.00008905	5	No	0.01	Param.
Thallium (mg/L)	MW-105	0.0005	0.00024	0.002	No	20	0.0001004	90	No	0.01	NP (NDs)
Thallium (mg/L)	MW-109	0.0005	0.00012	0.002	No	20	0.00008497	95	No	0.01	NP (NDs)
Thallium (mg/L)	MW-110	0.0002885	0.0002365	0.002	No	20	0.00004587	10	No	0.01	Param.

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

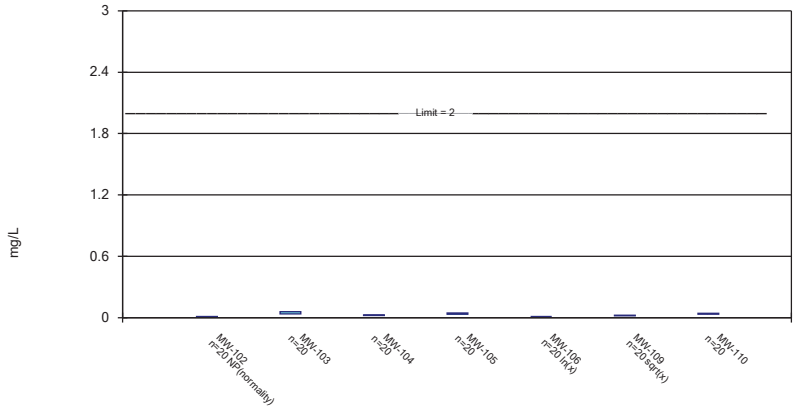


Constituent: Arsenic Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

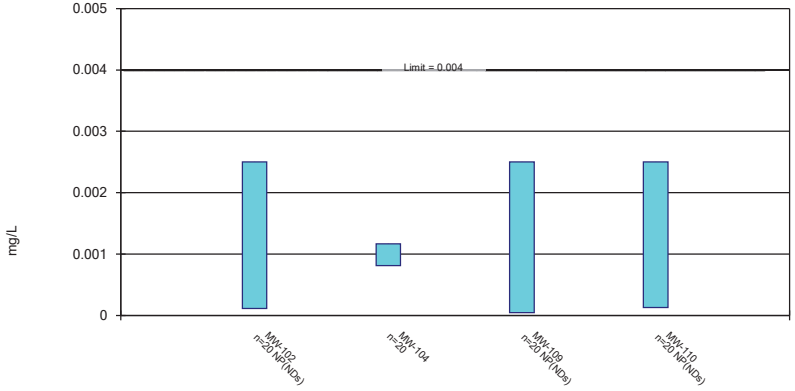


Constituent: Barium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

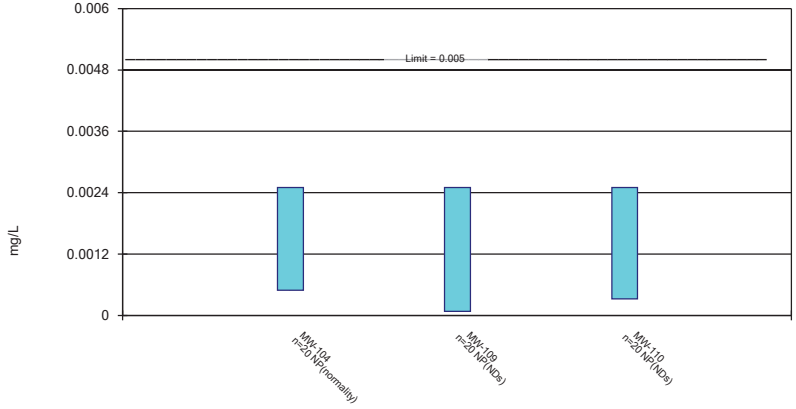


Constituent: Beryllium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

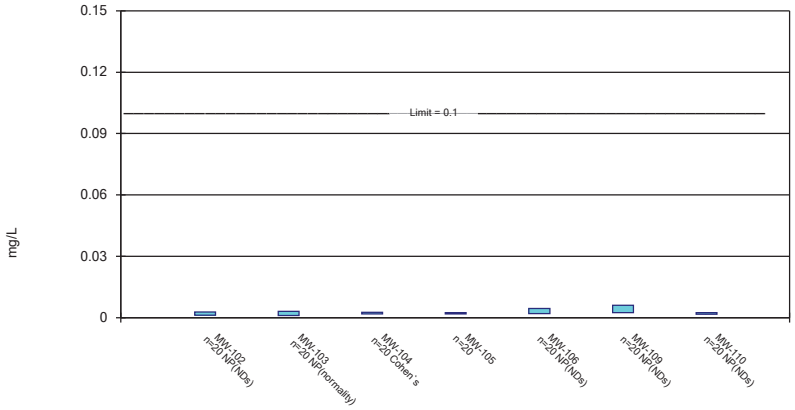


Constituent: Cadmium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

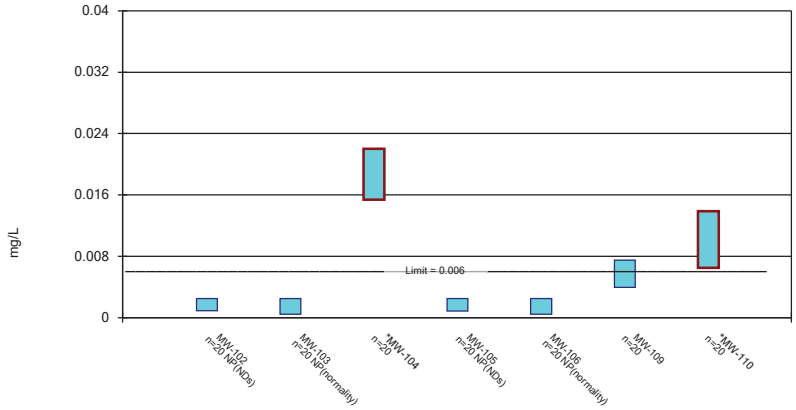


Constituent: Chromium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

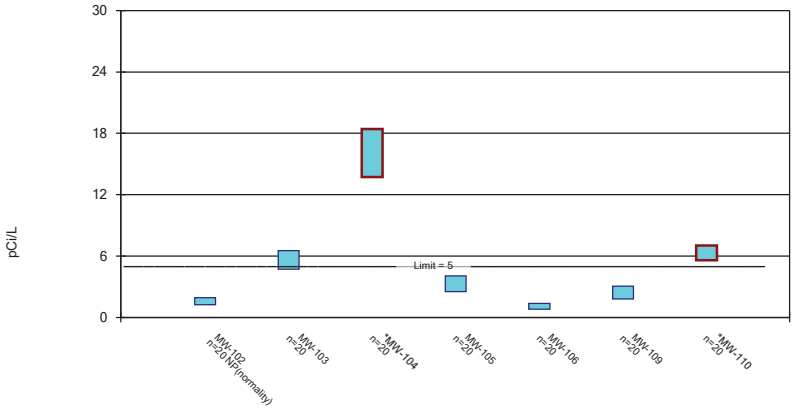


Constituent: Cobalt Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

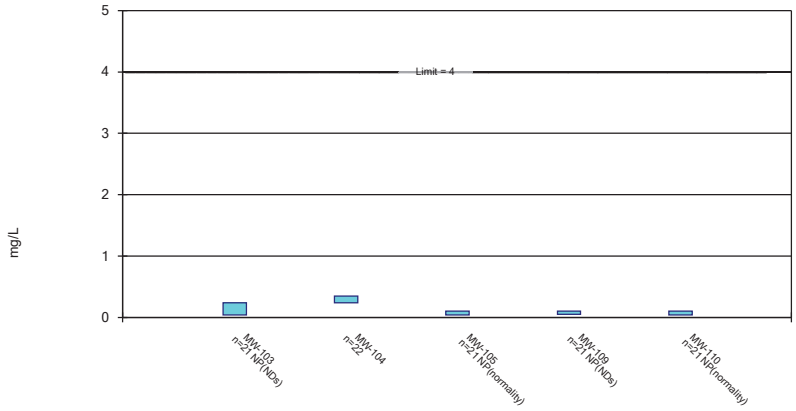


Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

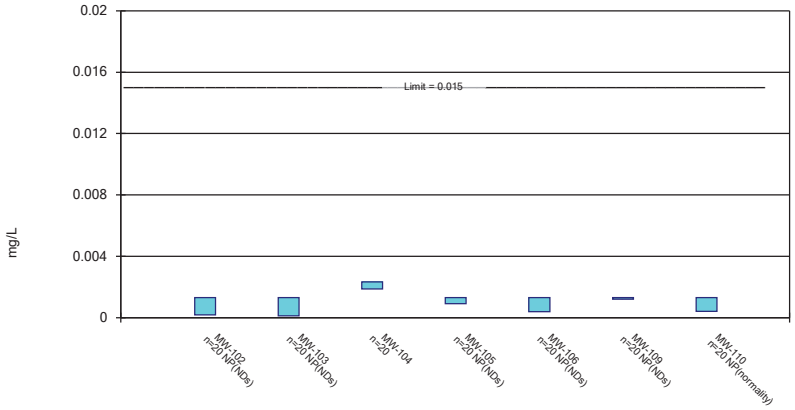


Constituent: Fluoride Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

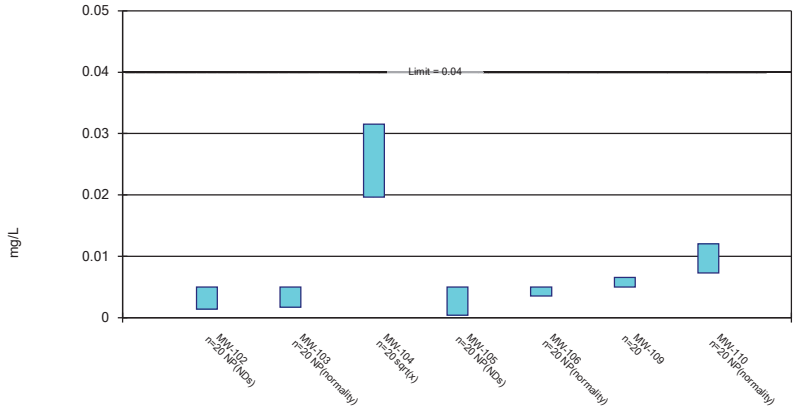


Constituent: Lead Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

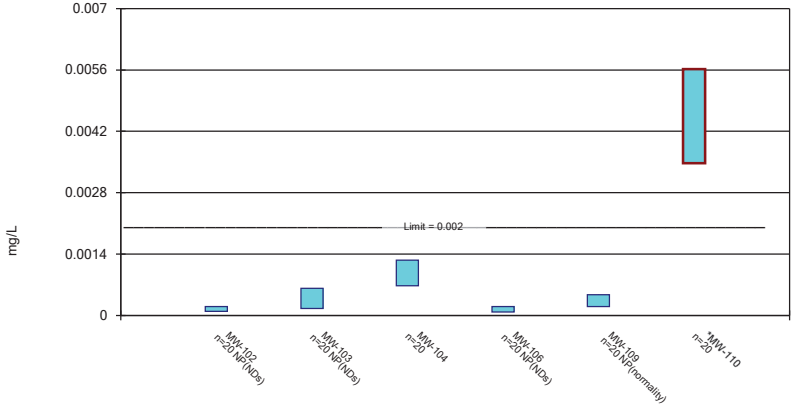


Constituent: Lithium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

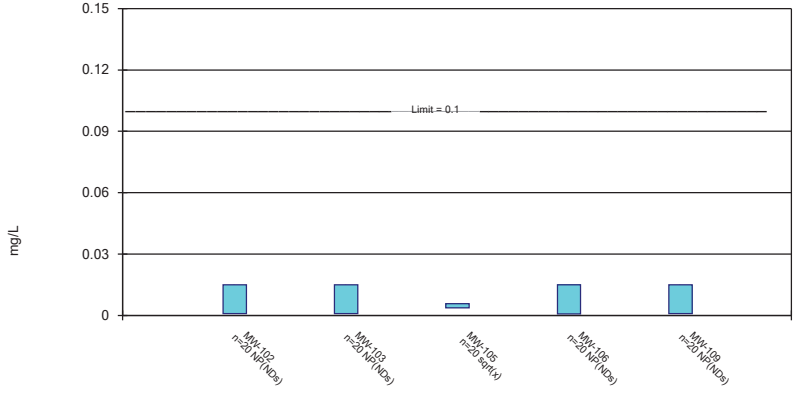


Constituent: Mercury Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

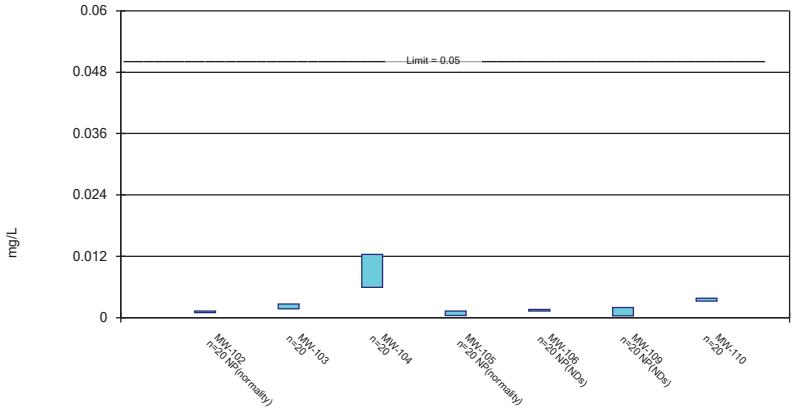
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL 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.



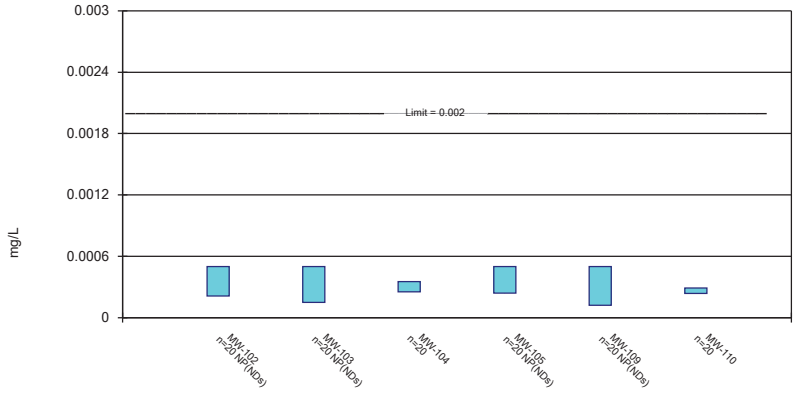
Constituent: Selenium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.0013	<0.0013	0.0085	0.0039 (J)		
3/2/2016					<0.0013	<0.0013
5/5/2016	<0.0013	<0.0013	0.0077	0.0039	<0.0013	0.00061 (J)
7/7/2016	<0.0013	<0.0013	0.0082	0.0037	<0.0013	<0.0013
9/6/2016	<0.0013					
9/7/2016		<0.0013	0.012	0.0032	<0.0013	<0.0013
11/9/2016			0.0071	0.0038		
11/10/2016	0.0005 (J)	0.00051 (J)			<0.0013	0.00047 (J)
1/11/2017			0.0071	0.0035		
1/12/2017	<0.0013	<0.0013			<0.0013	<0.0013
3/14/2017			0.0067	0.0036	<0.0013	
3/15/2017	<0.0013	<0.0013				<0.0013
5/18/2017	<0.0013	<0.0013	0.0087	0.0036	<0.0013	0.00051 (J)
3/14/2018	<0.0013	<0.0013	0.0027	0.0039	<0.0013	0.00056 (J)
6/10/2018			0.0047	0.0034		
6/11/2018	<0.0013	<0.0013			<0.0013	0.0005 (J)
10/18/2018		<0.0013	0.0019	0.0044	<0.0013	<0.0013
10/19/2018	<0.0013					
3/1/2019			<0.0013	0.0047	<0.0013	<0.0013
3/2/2019	<0.0013	<0.0013				
6/3/2019	<0.0013		0.003	0.0045	<0.0013	<0.0013
6/11/2019		<0.0013				
11/7/2019		0.00019 (J)	8.9E-05 (J)		0.00025 (V)	0.0002 (J)
11/9/2019	<0.0013			0.0045		
4/17/2020		<0.0013			<0.0013	0.00012 (J)
4/18/2020	<0.0013		0.0014	0.0054		
10/8/2020	<0.0013	0.0021	0.0019	0.0046		
10/9/2020					<0.0013	<0.0013
3/30/2021	<0.0013	<0.0013		0.0082		
3/31/2021			0.00048		0.0011	<0.0013
9/3/2021			0.00084 (J)	0.0096	0.00048 (J)	0.00063 (J)
9/7/2021	<0.0013	<0.0013				
3/23/2022	<0.0013		0.0018	0.0073	<0.0013	<0.0013
3/24/2022		<0.0013				
9/8/2022					<0.0013	
9/9/2022	<0.0013	<0.0013	0.01	0.0048		<0.0013
Mean	0.00126	0.001245	0.004773	0.004725	0.001197	0.00096
Std. Dev.	0.0001789	0.000358	0.003704	0.001705	0.0002902	0.0004422
Upper Lim.	0.0013	0.0021	0.006876	0.0048	0.0013	0.0013
Lower Lim.	0.0005	0.00051	0.002669	0.0036	0.0011	0.00051

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/3/2021			0.02	0.029	0.011	0.032	0.036
9/7/2021	0.0095	0.03					
3/23/2022	0.013		0.03	0.027	0.012	0.02	0.024
3/24/2022		0.027					
9/8/2022					0.012	0.017	
9/9/2022	0.03	0.018	0.035	0.024			0.023
Mean	0.01108	0.04695	0.0236	0.03945	0.01105	0.0208	0.03815
Std. Dev.	0.004698	0.01671	0.004978	0.01002	0.001833	0.004112	0.01007
Upper Lim.	0.012	0.05644	0.02643	0.04514	0.01191	0.02291	0.04387
Lower Lim.	0.0086	0.03746	0.02077	0.03376	0.01001	0.01846	0.03243

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-104	MW-109	MW-110
3/1/2016	<0.0025	0.0013 (J)		
3/2/2016			<0.0025	<0.0025
5/5/2016	<0.0025	0.00088 (J)	<0.0025	<0.0025
7/7/2016	<0.0025	0.001 (J)	<0.0025	<0.0025
9/6/2016	<0.0025			
9/7/2016		0.00078 (J)	<0.0025	<0.0025
11/9/2016		0.0012 (J)		
11/10/2016	<0.0025		<0.0025	<0.0025
1/11/2017		0.0014 (J)		
1/12/2017	<0.0025		<0.0025	<0.0025
3/14/2017		0.0013 (J)	<0.0025	
3/15/2017	<0.0025			<0.0025
5/18/2017	<0.0025	0.0016 (J)	<0.0025	<0.0025
3/14/2018	<0.0025	0.0011 (J)	<0.0025	<0.0025
6/10/2018		0.0011 (J)		
6/11/2018	<0.0025		<0.0025	<0.0025
10/18/2018		0.00084 (J)	<0.0025	<0.0025
10/19/2018	<0.0025			
3/1/2019		0.00057 (J)	<0.0025	<0.0025
3/2/2019	<0.0025			
6/3/2019	<0.0025	0.00074 (J)	<0.0025	<0.0025
11/7/2019		0.00065	<0.0025	8.4E-05 (J)
11/9/2019	<0.0025			
4/17/2020			4.4E-05 (J)	0.00013 (J)
4/18/2020	0.00011 (J)	0.00096		
10/8/2020	<0.0025	0.00039 (J)		
10/9/2020			<0.0025	<0.0025
3/30/2021	<0.0025			
3/31/2021		0.0007	<0.0025	<0.0025
9/3/2021		0.00076 (J)	<0.0025	<0.0025
9/7/2021	<0.0025			
3/23/2022	<0.0025	<0.0025	<0.0025	<0.0025
9/8/2022			<0.0025	
9/9/2022	<0.0025	<0.0025		<0.0025
Mean	0.00238	0.0009885	0.002377	0.002261
Std. Dev.	0.0005344	0.0003135	0.0005492	0.0007366
Upper Lim.	0.0025	0.001167	0.0025	0.0025
Lower Lim.	0.00011	0.0008105	4.4E-05	0.00013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-104	MW-109	MW-110
3/1/2016	<0.0025		
3/2/2016		<0.0025	<0.0025
5/5/2016	<0.0025	<0.0025	<0.0025
7/7/2016	<0.0025	<0.0025	<0.0025
9/7/2016	<0.0025	<0.0025	<0.0025
11/9/2016	<0.0025		
11/10/2016		<0.0025	<0.0025
1/11/2017	0.00049 (J)		
1/12/2017		<0.0025	<0.0025
3/14/2017	<0.0025	<0.0025	
3/15/2017			<0.0025
5/18/2017	<0.0025	<0.0025	<0.0025
3/14/2018	0.00052 (J)	<0.0025	<0.0025
6/10/2018	0.00049 (J)		
6/11/2018		<0.0025	<0.0025
10/18/2018	0.00044 (J)	<0.0025	<0.0025
3/1/2019	0.00038 (J)	<0.0025	<0.0025
6/3/2019	0.0006 (J)	<0.0025	<0.0025
11/7/2019	0.00075	7.8E-05 (J)	0.00032 (J)
4/17/2020		<0.0025	0.00011 (J)
4/18/2020	0.00037 (J)		
10/8/2020	<0.0025		
10/9/2020		<0.0025	<0.0025
3/31/2021	0.00056	<0.0025	<0.0025
9/3/2021	0.00061 (J)	<0.0025	<0.0025
3/23/2022	<0.0025	<0.0025	<0.0025
9/8/2022		<0.0025	
9/9/2022	<0.0025		<0.0025
Mean	0.00151	0.002379	0.002271
Std. Dev.	0.001018	0.0005416	0.0007041
Upper Lim.	0.0025	0.0025	0.0025
Lower Lim.	0.00049	7.8E-05	0.00032

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.0025	<0.0025	<0.0025	0.0023 (J)	<0.0025		
3/2/2016						<0.0025	<0.0025
5/4/2016					<0.0025		
5/5/2016	<0.0025	<0.0025	0.0014 (J)	<0.0025		<0.0025	<0.0025
7/7/2016	<0.0025	<0.0025	0.0014 (J)	0.002 (J)		<0.0025	<0.0025
7/8/2016					<0.0025		
9/6/2016	<0.0025						
9/7/2016		<0.0025	0.0019 (J)	0.0029	<0.0025	<0.0025	<0.0025
11/9/2016			0.0023 (J)	0.0025	<0.0025		
11/10/2016	<0.0025	<0.0025				<0.0025	<0.0025
1/11/2017			0.0024 (J)	0.002 (J)	<0.0025		
1/12/2017	<0.0025	<0.0025				<0.0025	<0.0025
3/14/2017			0.0023 (J)	0.0025	<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025					<0.0025
5/18/2017	<0.0025	<0.0025	0.0023 (J)	0.002 (J)	<0.0025	<0.0025	<0.0025
3/14/2018	<0.0025	<0.0025	0.0023 (J)	0.0022 (J)	<0.0025	<0.0025	<0.0025
6/10/2018			0.0022 (J)	0.002 (J)	<0.0025		
6/11/2018	<0.0025	<0.0025				<0.0025	<0.0025
10/18/2018		<0.0025	0.0016 (J)	0.0029	<0.0025	<0.0025	<0.0025
10/19/2018	<0.0025						
3/1/2019			<0.0025	0.0026	<0.0025	<0.0025	<0.0025
3/2/2019	0.0028	0.0052					
6/3/2019	<0.0025		0.0015 (J)	0.0022 (J)	<0.0025	<0.0025	<0.0025
6/11/2019		0.0011 (J)					
11/7/2019		0.00028 (J)	<0.0025			<0.0025	0.00042 (J)
11/9/2019	0.00037 (J)			0.0022 (J)	<0.0025		
4/17/2020		0.00026 (J)			<0.0025	<0.0025	0.0004 (J)
4/18/2020	<0.0025		0.0016	0.0029			
10/8/2020	<0.0025	<0.0025	0.0031	0.0028	0.0019 (J)		
10/9/2020						<0.0025	0.0016 (J)
3/30/2021	<0.0025	<0.0025		0.0015	<0.0025		
3/31/2021			<0.0025			0.016	<0.0025
9/3/2021			0.0025	0.0011 (J)	<0.0025	<0.0025	<0.0025
9/7/2021	0.0012 (J)	0.0088					
3/23/2022	0.0063		0.001 (J)	0.00073	0.0044	0.0061	0.0025
3/24/2022		0.003					
9/8/2022					<0.0025	<0.0025	
9/9/2022	<0.0025	<0.0025	<0.0025	0.002 (J)			<0.0025
Mean	0.002533	0.002682	0.002115	0.002129	0.002565	0.003355	0.002246
Std. Dev.	0.001045	0.001754	0.0005284	0.0006088	0.0004522	0.003083	0.0006592
Upper Lim.	0.0028	0.003	0.002596	0.002475	0.0044	0.0061	0.0025
Lower Lim.	0.0012	0.0011	0.001851	0.001783	0.0019	0.0025	0.0016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.0025	0.001 (J)	0.017	<0.0025	0.0007 (J)		
3/2/2016						0.00075 (J)	0.0047 (J)
5/4/2016					0.001 (J)		
5/5/2016	<0.0025	0.00064 (J)	0.012	<0.0025		0.0042	0.0047
7/7/2016	<0.0025	<0.0025	0.012	<0.0025		0.0043	0.0041
7/8/2016					0.00057 (J)		
9/6/2016	<0.0025						
9/7/2016		0.00044 (J)	0.018	<0.0025	0.00061 (J)	0.0049	0.0047
11/9/2016			0.022	<0.0025	0.00055 (J)		
11/10/2016	<0.0025	<0.0025				0.004	0.0043
1/11/2017			0.025	<0.0025	0.00045 (J)		
1/12/2017	<0.0025	<0.0025				0.0045	0.0048
3/14/2017			0.019	<0.0025	0.00059 (J)	0.0039	
3/15/2017	<0.0025	<0.0025					0.0066
5/18/2017	<0.0025	<0.0025	0.023	<0.0025	0.00059 (J)	0.005	0.0065
3/14/2018	<0.0025	<0.0025	0.014	<0.0025	0.00044 (J)	0.0038	0.012
6/10/2018			0.029	<0.0025	0.0004 (J)		
6/11/2018	<0.0025	<0.0025				0.0044	0.0096
10/18/2018		<0.0025	0.016	<0.0025	<0.0025	0.0036	0.025
10/19/2018	<0.0025						
3/1/2019			0.009	<0.0025	<0.0025	0.0052	0.02
3/2/2019	<0.0025	0.00041 (J)					
6/3/2019	<0.0025		0.015	<0.0025	<0.0025	0.0071	0.0053
6/11/2019		<0.0025					
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	<0.0025	<0.0025	0.017	<0.0025	<0.0025		
10/9/2020						0.0072	0.015
3/30/2021	<0.0025	<0.0025		<0.0025	<0.0025		
3/31/2021			0.018			0.0023	0.0091
9/3/2021			0.018	<0.0025	<0.0025	0.015	0.0032
9/7/2021	<0.0025	<0.0025					
3/23/2022	0.00088		0.023	0.00017 (J)	0.00099	0.0094	0.013
3/24/2022		0.00026 (J)					
9/8/2022					<0.0025	0.0077	
9/9/2022	<0.0025	<0.0025	0.032	<0.0025			0.019
Mean	0.002188	0.00178	0.0187	0.002195	0.001255	0.005733	0.01018
Std. Dev.	0.0007716	0.00102	0.005841	0.0007528	0.0009516	0.003124	0.006509
Upper Lim.	0.0025	0.0025	0.02202	0.0025	0.0025	0.007506	0.01388
Lower Lim.	0.00088	0.00044	0.01538	0.00087	0.00045	0.003959	0.006484

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/3/2021			15.1	1.87	0.866	5.26	4.72
9/7/2021	1.47	4.59					
3/23/2022	2.18		16.5	1.79	1.17	3.57	6.71
3/24/2022		4.52					
9/8/2022					1.49	2.78	
9/9/2022	5.92	3.16	21.2	2.04			6.33
Mean	1.778	5.613	16.08	3.289	1.083	2.431	6.309
Std. Dev.	1.098	1.595	4.145	1.341	0.4736	1.103	1.284
Upper Lim.	1.92	6.519	18.44	4.05	1.352	3.057	7.038
Lower Lim.	1.23	4.707	13.73	2.527	0.8137	1.804	5.579

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	0.037 (J)	0.46	0.041 (J)		
3/2/2016				<0.1	0.039 (J)
5/5/2016	<0.1	0.27	<0.1	<0.1	<0.1
7/7/2016	<0.1	0.29	<0.1	<0.1	<0.1
9/7/2016	<0.1	0.33	<0.1	<0.1	<0.1
11/9/2016		0.29	<0.1		
11/10/2016	<0.1			<0.1	<0.1
1/11/2017		0.42	<0.1		
1/12/2017	<0.1			<0.1	<0.1
3/14/2017		0.34	<0.1	<0.1	
3/15/2017	<0.1				<0.1
5/18/2017	<0.1	0.47	<0.1	<0.1	<0.1
10/5/2017		0.22	<0.1	<0.1	
10/6/2017	<0.1				<0.1
12/19/2017		0.26 (R)			
3/14/2018	<0.1	0.3	<0.1	<0.1	<0.1
6/10/2018		0.38	<0.1		
6/11/2018	<0.1			<0.1	0.04 (J)
10/18/2018	<0.1	0.26	0.04 (J)	<0.1	0.04 (J)
3/1/2019		0.1	<0.1	<0.1	<0.1
3/2/2019	<0.1				
6/3/2019		0.22	0.04 (J)	<0.1	0.04 (J)
6/11/2019	<0.1				
11/7/2019	<0.1	0.21		<0.1	0.04 (J)
11/9/2019			<0.1		
4/17/2020	<0.1			<0.1	0.04 (J)
4/18/2020		0.3	0.04 (J)		
10/8/2020	0.24	0.26	0.04 (J)		
10/9/2020				<0.1	<0.1
3/30/2021	<0.1		0.04		
3/31/2021		0.34		<0.1	0.04
9/3/2021		0.41	0.07 (J)	0.05 (J)	0.07 (J)
9/7/2021	<0.1				
3/23/2022		0.3	<0.1	<0.1	<0.1
3/24/2022	<0.1				
9/8/2022				<0.1	
9/9/2022	<0.1	<0.1	<0.1		<0.1
Mean	0.1037	0.2945	0.08148	0.09762	0.07852
Std. Dev.	0.03412	0.1024	0.02755	0.01091	0.02875
Upper Lim.	0.24	0.3495	0.1	0.1	0.1
Lower Lim.	0.037	0.2396	0.041	0.05	0.04

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.0013	<0.0013	0.0018 (J)	<0.0013	<0.0013		
3/2/2016						<0.0013	<0.0013
5/4/2016					<0.0013		
5/5/2016	<0.0013	<0.0013	0.0015	<0.0013		<0.0013	<0.0013
7/7/2016	<0.0013	<0.0013	0.0018	<0.0013		<0.0013	<0.0013
7/8/2016					<0.0013		
9/6/2016	<0.0013						
9/7/2016		<0.0013	0.0024	<0.0013	<0.0013	<0.0013	<0.0013
11/9/2016			0.0023	<0.0013	<0.0013		
11/10/2016	<0.0013	<0.0013				<0.0013	<0.0013
1/11/2017			0.0027	<0.0013	<0.0013		
1/12/2017	<0.0013	<0.0013				<0.0013	<0.0013
3/14/2017			0.0024	<0.0013	<0.0013	<0.0013	
3/15/2017	<0.0013	<0.0013					<0.0013
5/18/2017	<0.0013	<0.0013	0.0029	<0.0013	<0.0013	<0.0013	<0.0013
3/14/2018	<0.0013	<0.0013	0.0023	<0.0013	<0.0013	<0.0013	<0.0013
6/10/2018			0.0024	<0.0013	<0.0013		
6/11/2018	<0.0013	<0.0013				<0.0013	<0.0013
10/18/2018		<0.0013	0.002	<0.0013	0.00039 (J)	<0.0013	<0.0013
10/19/2018	<0.0013						
3/1/2019			0.0012 (J)	<0.0013	<0.0013	<0.0013	<0.0013
3/2/2019	<0.0013	<0.0013					
6/3/2019	<0.0013		0.0018	0.00091 (J)	<0.0013	0.00067 (J)	0.00037 (J)
6/11/2019		<0.0013					
11/7/2019		0.00011 (J)	0.002			9.4E-05 (J)	0.0003 (J)
11/9/2019	0.00014 (J)			0.00012 (J)	<0.0013		
4/17/2020		<0.0013			<0.0013	0.00011 (J)	0.00033
4/18/2020	0.00018 (J)		0.0024	<0.0013			
10/8/2020	<0.0013	<0.0013	0.0019	<0.0013	<0.0013		
10/9/2020						0.0012 (J)	0.0003 (J)
3/30/2021	<0.0013	<0.0013		<0.0013	<0.0013		
3/31/2021			0.0022			<0.0013	0.0004
9/3/2021			0.002	<0.0013	<0.0013	<0.0013	<0.0013
9/7/2021	<0.0013	<0.0013					
3/23/2022	<0.0013		0.0018	<0.0013	<0.0013	<0.0013	<0.0013
3/24/2022		<0.0013					
9/8/2022					<0.0013	<0.0013	
9/9/2022	<0.0013	<0.0013	0.0021	<0.0013			<0.0013
Mean	0.001186	0.001241	0.002095	0.001222	0.001255	0.001144	0.00106
Std. Dev.	0.0003509	0.0002661	0.0004006	0.0002735	0.0002035	0.0003831	0.000427
Upper Lim.	0.0013	0.0013	0.002322	0.0013	0.0013	0.0013	0.0013
Lower Lim.	0.00018	0.00011	0.001868	0.00091	0.00039	0.0012	0.0004

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.005	<0.005	0.057	<0.005	<0.005		
3/2/2016						0.0095 (J)	0.0082 (J)
5/4/2016					<0.005		
5/5/2016	<0.005	<0.005	0.044	<0.005		0.0059	0.0072
7/7/2016	<0.005	<0.005	0.04	<0.005		0.006	0.0092
7/8/2016					<0.005		
9/6/2016	<0.005						
9/7/2016		<0.005	0.033	<0.005	0.0073	0.0049 (J)	0.0069
11/9/2016			0.035	<0.005	<0.005		
11/10/2016	<0.005	<0.005				0.0055	0.0045 (J)
1/11/2017			0.028	<0.005	<0.005		
1/12/2017	<0.005	<0.005				0.0045 (J)	0.0073
3/14/2017			0.037	<0.005	0.0035 (J)	0.0069	
3/15/2017	<0.005	0.0038 (J)					0.012
5/18/2017	<0.005	<0.005	0.024	<0.005	<0.005	0.0055	0.0084
3/14/2018	<0.005	0.002 (J)	0.028	<0.005	<0.005	0.0059	0.012
6/10/2018			0.019	<0.005	<0.005		
6/11/2018	<0.005	0.0015 (J)				0.0042 (J)	0.009
10/18/2018		0.0017 (J)	0.022	<0.005	0.0012 (J)	0.0062	0.011
10/19/2018	0.0012 (J)						
3/1/2019			0.017	<0.005	0.0012 (J)	0.0054	0.0077
3/2/2019	0.0014 (J)	0.0011 (J)					
6/3/2019	<0.005		0.017	<0.005	<0.005	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)			<0.005	0.00068 (J)		
4/17/2020		0.0021			0.00043 (J)	0.0076	0.0092
4/18/2020	<0.005		0.017	0.00039 (J)			
10/8/2020	<0.005	<0.005	0.017	<0.005	<0.005		
10/9/2020						0.0053	0.011
3/30/2021	<0.005	0.002		<0.005	<0.005		
3/31/2021			0.015			0.0059	0.017
9/3/2021			0.021	<0.005	<0.005	0.0067	0.092
9/7/2021	<0.005	0.0027 (J)					
3/23/2022	<0.005		0.02	<0.005	<0.005	0.0062	0.011
3/24/2022		0.00099 (J)					
9/8/2022					<0.005	<0.005	
9/9/2022	<0.005	<0.005	0.015	<0.005			0.006
Mean	0.004425	0.003318	0.02625	0.004769	0.004215	0.00576	0.01359
Std. Dev.	0.001407	0.001678	0.01143	0.001031	0.00183	0.001384	0.01868
Upper Lim.	0.005	0.005	0.03151	0.005	0.005	0.006546	0.012
Lower Lim.	0.0014	0.0017	0.01962	0.00039	0.0035	0.004974	0.0073

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-106	MW-109	MW-110
3/1/2016	<0.0002	<0.0002	0.00089	<0.0002		
3/2/2016					<0.0002	0.007
5/4/2016				<0.0002		
5/5/2016	<0.0002	<0.0002	0.00054		<0.0002	0.006
7/7/2016	<0.0002	<0.0002 (*)	0.00066 (V)		<0.0002 (*)	0.0053
7/8/2016				<0.0002 (*)		
9/6/2016	<0.0002					
9/7/2016		<0.0002	0.0016	<0.0002	<0.0002	0.0067
11/9/2016			0.0015	<0.0002		
11/10/2016	<0.0002	<0.0002			<0.0002	0.00014 (J)
1/11/2017			0.0025	<0.0002		
1/12/2017	<0.0002	<0.0002			<0.0002	0.0052
3/14/2017			0.0012	<0.0002	<0.0002	
3/15/2017	<0.0002	<0.0002 (*)				0.0048
5/18/2017	<0.0002	<0.0002	0.0014	<0.0002	<0.0002	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	<0.0002		
6/11/2018	<0.0002	<0.0002			<0.0002	0.0042
10/18/2018		<0.0002	0.00087	<0.0002	<0.0002	0.0034
10/19/2018	9.4E-05 (J)					
3/1/2019			0.00077	<0.0002	<0.0002	0.0041
3/2/2019	<0.0002	<0.0002				
6/3/2019	<0.0002		0.00054	<0.0002	<0.0002	0.0025
6/11/2019		<0.0002				
11/7/2019		<0.0002	0.00053		0.0012	0.0034
11/9/2019	<0.0002			<0.0002		
4/17/2020		0.00062		<0.0002	0.0032	0.0063
4/18/2020	<0.0002		0.00069			
10/8/2020	<0.0002	0.00016 (J)	0.00087	<0.0002		
10/9/2020					0.0014	0.0049
3/30/2021	<0.0002	<0.0002		<0.0002		
3/31/2021			0.00072		0.00035	0.0055
9/3/2021			0.00048	<0.0002	0.0012	0.0012
9/7/2021	<0.0002	<0.0002				
3/23/2022	<0.0002		0.00032	<0.0002	0.00047	0.0034
3/24/2022		<0.0002				
9/8/2022				<0.0002	0.00041	
9/9/2022	<0.0002	<0.0002	0.00082			0.0036
Mean	0.0001894	0.000215	0.00097	0.000194	0.0005363	0.004547
Std. Dev.	3.263E-05	9.731E-05	0.0005135	2.683E-05	0.0007373	0.00189
Upper Lim.	0.0002	0.00062	0.001262	0.0002	0.00047	0.00562
Lower Lim.	9.4E-05	0.00016	0.0006784	8E-05	0.0002	0.003474

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-105	MW-106	MW-109
3/1/2016	<0.015	<0.015	0.004 (J)	<0.015	
3/2/2016					<0.015
5/4/2016				<0.015	
5/5/2016	<0.015	<0.015	0.0093 (J)		<0.015
7/7/2016	<0.015	<0.015	0.0047 (J)		<0.015
7/8/2016				<0.015	
9/6/2016	<0.015				
9/7/2016		<0.015	0.004 (J)	<0.015	<0.015
11/9/2016			0.0037 (J)	<0.015	
11/10/2016	<0.015	<0.015			<0.015
1/11/2017			0.0052 (J)	<0.015	
1/12/2017	<0.015	<0.015			<0.015
3/14/2017			0.004 (J)	<0.015	<0.015
3/15/2017	<0.015	<0.015			
5/18/2017	<0.015	<0.015	0.0043 (J)	<0.015	<0.015
3/14/2018	<0.015	<0.015	0.0054 (J)	<0.015	<0.015
6/10/2018			0.0035 (J)	<0.015	
6/11/2018	<0.015	<0.015			<0.015
10/18/2018		<0.015	0.0032 (J)	<0.015	<0.015
10/19/2018	<0.015				
3/1/2019			0.0047 (J)	<0.015	<0.015
3/2/2019	<0.015	<0.015			
6/3/2019	<0.015		0.0033 (J)	<0.015	<0.015
6/11/2019		<0.015			
11/7/2019		<0.015			<0.015
11/9/2019	<0.015		0.0025 (J)	<0.015	
4/17/2020		<0.015		<0.015	<0.015
4/18/2020	<0.015		0.003		
10/8/2020	<0.015	<0.015	<0.015	<0.015	
10/9/2020					<0.015
3/30/2021	<0.015	<0.015	0.005	<0.015	
3/31/2021					<0.015
9/3/2021			0.0057 (J)	<0.015	<0.015
9/7/2021	<0.015	<0.015			
3/23/2022	0.00091 (J)		0.0089	0.00068 (J)	0.0009 (J)
3/24/2022		0.00092 (J)			
9/8/2022				<0.015	<0.015
9/9/2022	<0.015	<0.015	0.0044 (J)		
Mean	0.0143	0.0143	0.004815	0.01428	0.01429
Std. Dev.	0.003151	0.003148	0.00184	0.003202	0.003153
Upper Lim.	0.015	0.015	0.005679	0.015	0.015
Lower Lim.	0.00091	0.00092	0.00376	0.00068	0.0009

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-106	MW-109	MW-110
3/1/2016	<0.0013	0.0028 (J)	0.0054 (J)	<0.0013	<0.0013		
3/2/2016						<0.0013	0.0025 (J)
5/4/2016					<0.0013		
5/5/2016	0.00029 (J)	0.0026	0.0038	0.0003 (J)		<0.0013	0.0033
7/7/2016	<0.0013 (*)	0.0025	0.0043	<0.0013		<0.0013	0.0031
7/8/2016					<0.0013		
9/6/2016	<0.0013						
9/7/2016		0.0031	0.0099	0.00026 (J)	<0.0013	<0.0013	0.0034
11/9/2016			0.012	0.00038 (J)	<0.0013		
11/10/2016	<0.0013	0.0028				<0.0013	0.0038
1/11/2017			0.022	<0.0013	<0.0013		
1/12/2017	<0.0013	0.0028				<0.0013	0.0034
3/14/2017			0.011	<0.0013	<0.0013	<0.0013	
3/15/2017	<0.0013	0.0027					0.0032
5/18/2017	<0.0013	0.0036	0.018	<0.0013	<0.0013	<0.0013	0.0034
3/14/2018	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.0013	<0.0013	0.0038
6/10/2018			0.015	0.00043 (J)	<0.0013		
6/11/2018	0.00028 (J)	0.003				<0.0013	0.0037
10/18/2018		0.0016	0.0049	<0.0013	<0.0013	<0.0013	0.0033
10/19/2018	<0.0013						
3/1/2019			0.0026	<0.0013	<0.0013	<0.0013	0.0033
3/2/2019	<0.0013	<0.0013					
6/3/2019	<0.0013		0.0039	<0.0013	<0.0013	<0.0013	0.0035
6/11/2019		0.0014					
11/7/2019		0.002	0.0085			0.00024 (J)	0.0034
11/9/2019	<0.0013			0.00041	<0.0013		
4/17/2020		0.0022			<0.0013	0.0002 (J)	0.0039
4/18/2020	0.00019 (J)		0.0084	0.0004			
10/8/2020	<0.0013	0.0014	0.0045	<0.0013	<0.0013		
10/9/2020						<0.0013	0.0031
3/30/2021	<0.0013	0.0019		<0.0013	<0.0013		
3/31/2021			0.011			<0.0013	0.0046
9/3/2021			0.0054	<0.0013	<0.0013	<0.0013	0.0035
9/7/2021	<0.0013	0.0014					
3/23/2022	0.00025		0.0067	0.00023 (J)	<0.0013	0.00035	0.0034
3/24/2022		0.0014					
9/8/2022					0.0016	0.002	
9/9/2022	0.0044	0.0012 (J)	0.02	0.0014			0.0045
Mean	0.001231	0.002213	0.00915	0.0009355	0.001315	0.00118	0.003505
Std. Dev.	0.0008583	0.0008091	0.005713	0.0004743	6.708E-05	0.0004252	0.0004685
Upper Lim.	0.0013	0.002672	0.01239	0.0013	0.0016	0.002	0.003771
Lower Lim.	0.001	0.001753	0.005906	0.0004	0.0013	0.00035	0.003239

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 1:39 PM View: 100 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-102	MW-103	MW-104	MW-105	MW-109	MW-110
3/1/2016	<0.0005	<0.0005	0.00043 (J)	<0.0005		
3/2/2016					<0.0005	0.00018 (J)
5/5/2016	<0.0005	<0.0005	0.0003 (J)	<0.0005	<0.0005	0.00024 (J)
7/7/2016	<0.0005	<0.0005	0.00028 (J)	<0.0005	<0.0005	0.00025 (J)
9/6/2016	<0.0005					
9/7/2016		<0.0005	0.00028 (J)	<0.0005	<0.0005	0.00023 (J)
11/9/2016			0.0003 (J)	<0.0005		
11/10/2016	<0.0005	<0.0005			<0.0005	0.0002 (J)
1/11/2017			0.00032 (J)	<0.0005		
1/12/2017	<0.0005	<0.0005			<0.0005	0.00026 (J)
3/14/2017			0.00032 (J)	<0.0005	<0.0005	
3/15/2017	<0.0005	<0.0005				0.0003 (J)
5/18/2017	<0.0005	<0.0005	0.0004 (J)	<0.0005	<0.0005	0.00028 (J)
3/14/2018	<0.0005	<0.0005	0.00021 (J)	<0.0005	<0.0005	0.00029 (J)
6/10/2018			0.00033 (J)	<0.0005		
6/11/2018	<0.0005	<0.0005			<0.0005	0.00029 (J)
10/18/2018		<0.0005	0.00021 (J)	<0.0005	<0.0005	0.00031 (J)
10/19/2018	<0.0005					
3/1/2019			0.00013 (J)	<0.0005	<0.0005	0.0003 (J)
3/2/2019	<0.0005	<0.0005				
6/3/2019	<0.0005		0.00016 (J)	<0.0005	<0.0005	0.0002 (J)
6/11/2019		<0.0005				
11/7/2019		2.6E-05 (J)	0.00025		<0.0005	0.00024 (J)
11/9/2019	0.00021 (J)			0.00024 (J)		
4/17/2020		<0.0005			<0.0005	0.00031
4/18/2020	<0.0005		0.00033	<0.0005		
10/8/2020	<0.0005	0.00015 (J)	0.00034 (J)	<0.0005		
10/9/2020					0.00012 (J)	0.00037 (J)
3/30/2021	<0.0005	<0.0005		<0.0005		
3/31/2021			0.00031		<0.0005	0.00028
9/3/2021			0.00037 (J)	0.00012 (J)	<0.0005	0.00022 (J)
9/7/2021	<0.0005	<0.0005				
3/23/2022	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
3/24/2022		<0.0005				
9/8/2022					<0.0005	
9/9/2022	<0.0005	<0.0005	0.00051	<0.0005		<0.0005
Mean	0.0004855	0.0004588	0.0003015	0.000468	0.000481	0.0002625
Std. Dev.	6.485E-05	0.0001284	8.905E-05	0.0001004	8.497E-05	4.587E-05
Upper Lim.	0.0005	0.0005	0.0003521	0.0005	0.0005	0.0002885
Lower Lim.	0.00021	0.00015	0.0002509	0.00024	0.00012	0.0002365

ND substitution: RL or RL/2 if <15% NDs.

200 Series

Confidence Interval Summary Table - 200 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.36**	**7.577**	**5**	**Yes**	**20**	**6.851**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**14.34**	**7.484**	**5**	**Yes**	**20**	**7.593**	**0**	**ln(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**23.31**	**10.41**	**5**	**Yes**	**20**	**12.34**	**0**	**x^(1/3)**	**0.01**	**Param.**

Confidence Interval Summary Table - 200 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-201	0.0025	0.001	0.006	No	18	0.0004851	88.89	No	0.01	NP (NDs)
Antimony (mg/L)	MW-206	0.0025	0.0011	0.006	No	18	0.00033	94.44	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-200	0.0029	0.00072	0.01	No	20	0.001587	30	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-201	0.0034	0.0009	0.01	No	20	0.002797	50	No	0.01	NP (normality)
Arsenic (mg/L)	MW-206	0.007731	0.002016	0.01	No	20	0.006202	15	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-200	0.05948	0.03305	2	No	20	0.02327	5	No	0.01	Param.
Barium (mg/L)	MW-201	0.06298	0.03762	2	No	20	0.02233	0	No	0.01	Param.
Barium (mg/L)	MW-206	0.09766	0.05495	2	No	20	0.03761	0	No	0.01	Param.
Beryllium (mg/L)	MW-200	0.0025	0.000045	0.004	No	20	0.000549	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-201	0.0025	0.000069	0.004	No	20	0.0005436	95	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-206	0.0025	0.00055	0.004	No	20	0.0008777	80	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-200	0.00061	0.00039	0.005	No	19	0.0005228	68.42	No	0.01	NP (normality)
Cadmium (mg/L)	MW-201	0.005752	0.001795	0.005	No	20	0.005509	5	ln(x)	0.01	Param.
Cadmium (mg/L)	MW-206	0.0026	0.00065	0.005	No	20	0.00106	15	No	0.01	NP (normality)
Chromium (mg/L)	MW-201	0.0025	0.002	0.1	No	17	0.0003793	82.35	No	0.01	NP (NDs)
Chromium (mg/L)	MW-206	0.0026	0.0025	0.1	No	17	0.00002425	94.12	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-200	0.0015	0.0005	0.006	No	20	0.00073	25	No	0.01	NP (Cohens/xfrm)
Cobalt (mg/L)	MW-201	0.002556	0.001304	0.006	No	20	0.001285	5	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-206	0.004179	0.002058	0.006	No	20	0.001868	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-200**	**15.36**	**7.577**	**5**	**Yes**	**20**	**6.851**	**0**	**No**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-201**	**14.34**	**7.484**	**5**	**Yes**	**20**	**7.593**	**0**	**ln(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	**MW-206**	**23.31**	**10.41**	**5**	**Yes**	**20**	**12.34**	**0**	**x^(1/3)**	**0.01**	**Param.**
Fluoride (mg/L)	MW-200	0.1	0.06	4	No	21	0.06599	23.81	No	0.01	NP (normality)
Fluoride (mg/L)	MW-201	0.6948	0.4271	4	No	22	0.2494	4.545	No	0.01	Param.
Fluoride (mg/L)	MW-206	0.07592	0.05094	4	No	22	0.02473	13.64	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-200	0.001515	0.0008565	0.015	No	20	0.0004757	25	No	0.01	Param.
Lead (mg/L)	MW-201	0.0013	0.00057	0.015	No	20	0.0003942	65	No	0.01	NP (normality)
Lead (mg/L)	MW-206	0.0087	0.00076	0.015	No	20	0.004119	10	No	0.01	NP (normality)
Lithium (mg/L)	MW-200	0.01	0.0025	0.04	No	20	0.001649	80	No	0.01	NP (NDs)
Lithium (mg/L)	MW-201	0.0062	0.0042	0.04	No	20	0.00692	20	No	0.01	NP (normality)
Lithium (mg/L)	MW-206	0.005	0.0029	0.04	No	20	0.001199	85	No	0.01	NP (NDs)
Mercury (mg/L)	MW-200	0.00195	0.0007598	0.002	No	20	0.001048	10	No	0.01	Param.
Mercury (mg/L)	MW-201	0.001253	0.0003046	0.002	No	20	0.001051	10	ln(x)	0.01	Param.
Mercury (mg/L)	MW-206	0.00036	0.00016	0.002	No	20	0.0002481	40	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-200	0.015	0.0078	0.1	No	18	0.001697	94.44	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-201	0.015	0.0015	0.1	No	18	0.003182	94.44	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-206	0.015	0.00092	0.1	No	18	0.003319	94.44	No	0.01	NP (NDs)
Selenium (mg/L)	MW-200	0.01034	0.003893	0.05	No	20	0.005937	10	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-201	0.009815	0.003719	0.05	No	20	0.005623	5	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-206	0.01708	0.01013	0.05	No	20	0.006121	5	No	0.01	Param.
Thallium (mg/L)	MW-200	0.0005	0.00018	0.002	No	20	0.0001728	40	No	0.01	NP (normality)
Thallium (mg/L)	MW-201	0.0004291	0.0002379	0.002	No	20	0.0001684	15	No	0.01	Param.
Thallium (mg/L)	MW-206	0.0007173	0.0003917	0.002	No	20	0.0002867	15	No	0.01	Param.

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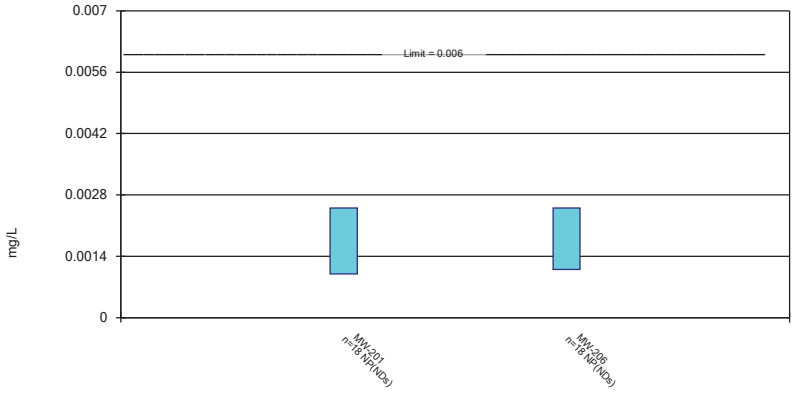
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

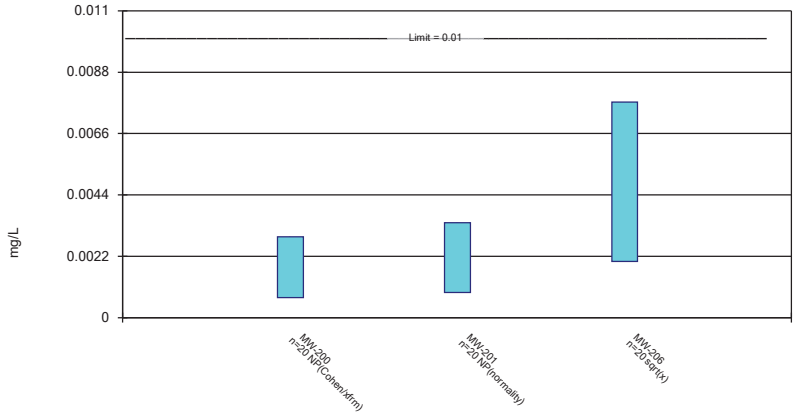


Constituent: Antimony Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

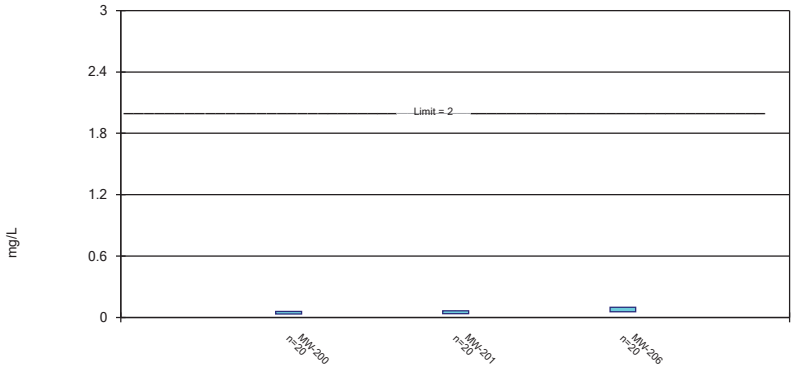


Constituent: Arsenic Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

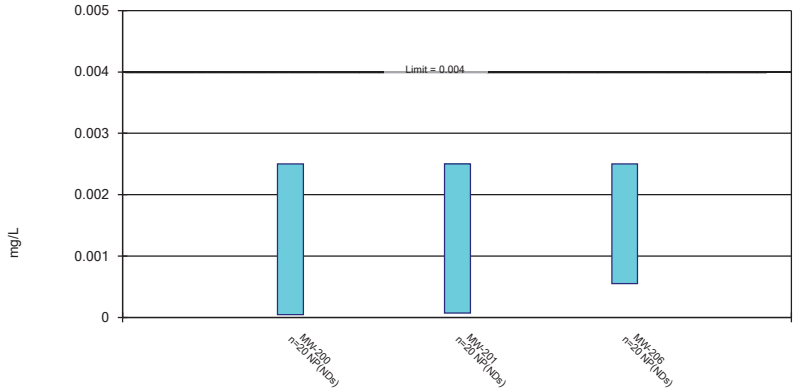


Constituent: Barium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

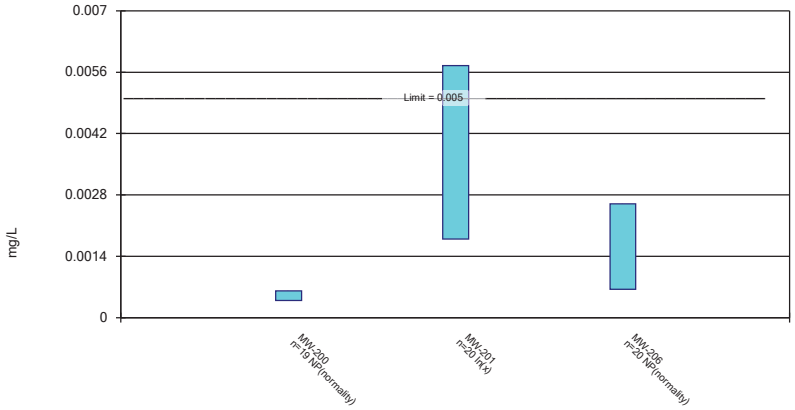


Constituent: Beryllium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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.

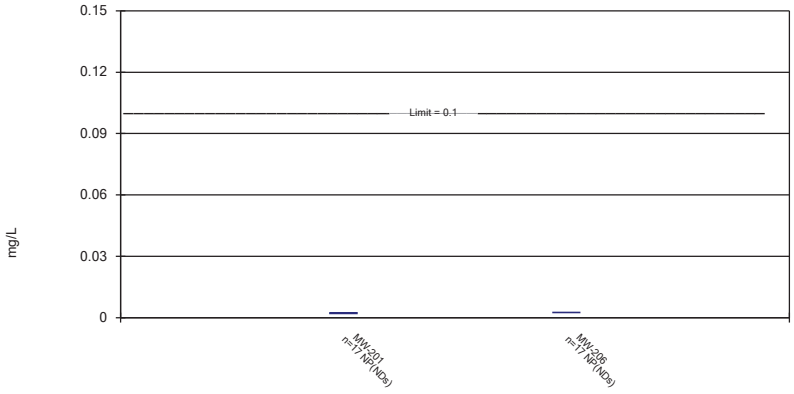


Constituent: Cadmium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

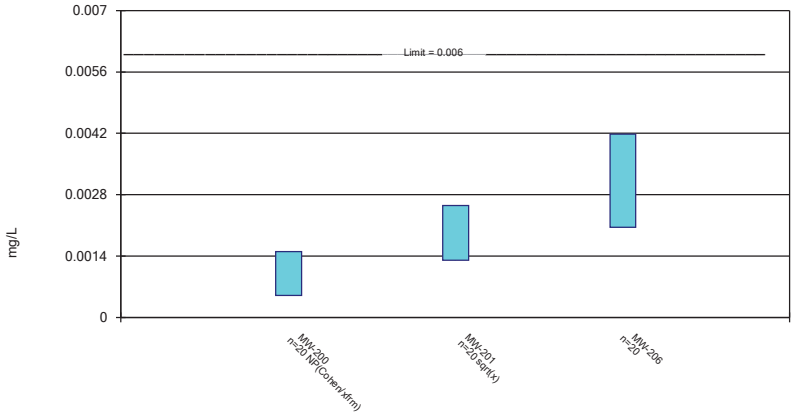


Constituent: Chromium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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.

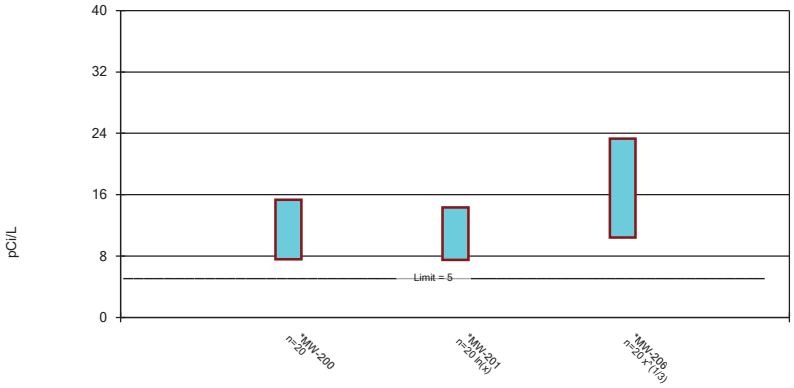


Constituent: Cobalt Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

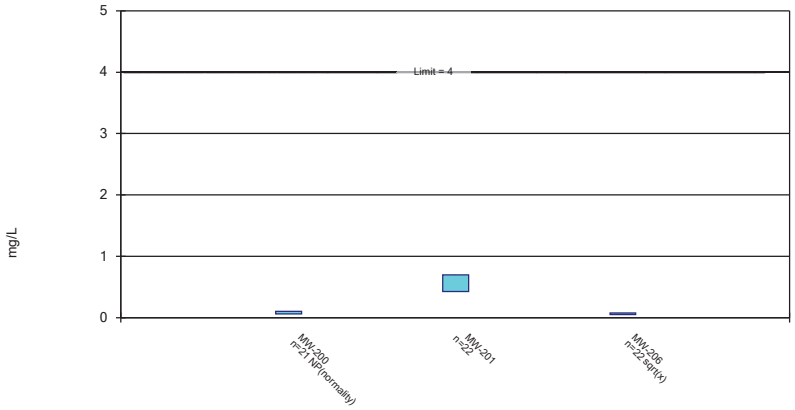


Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

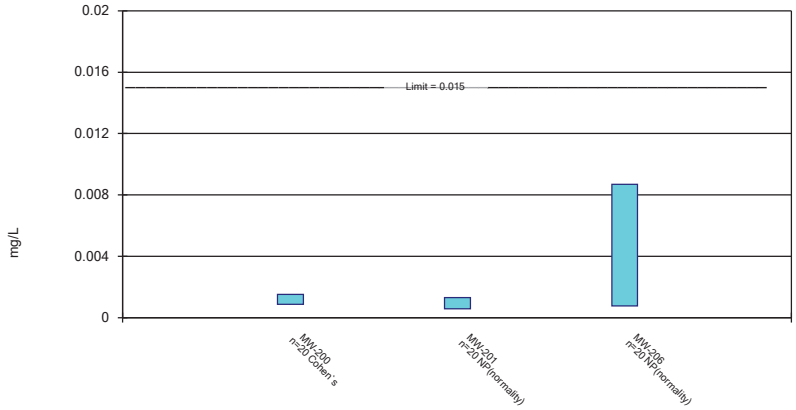


Constituent: Fluoride Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

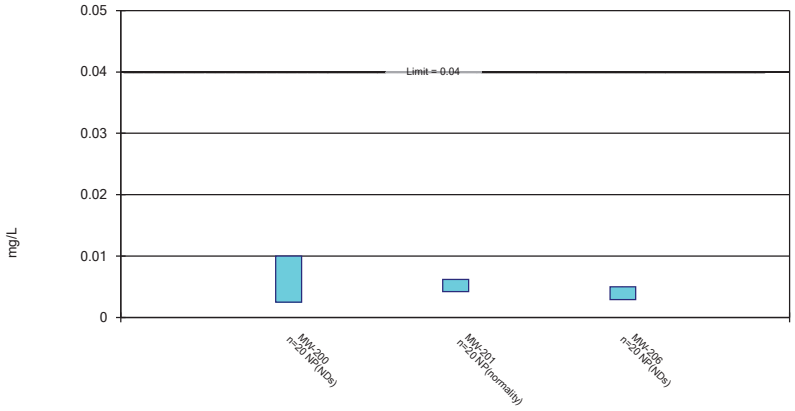


Constituent: Lead Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

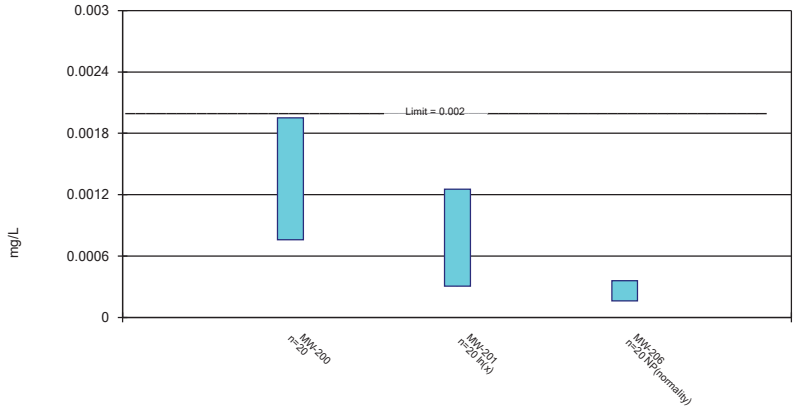


Constituent: Lithium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

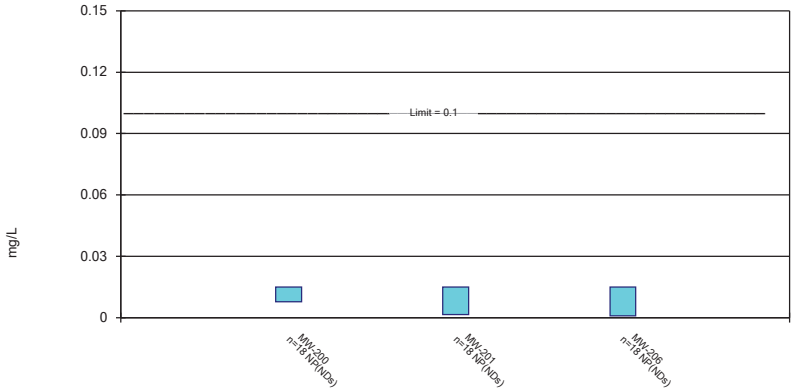


Constituent: Mercury Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



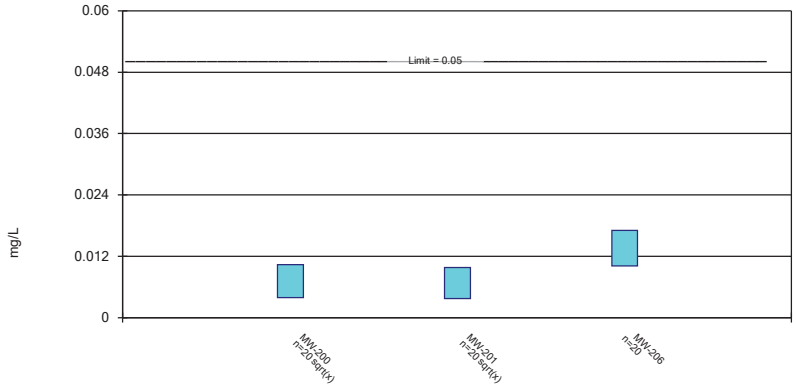
Constituent: Molybdenum Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



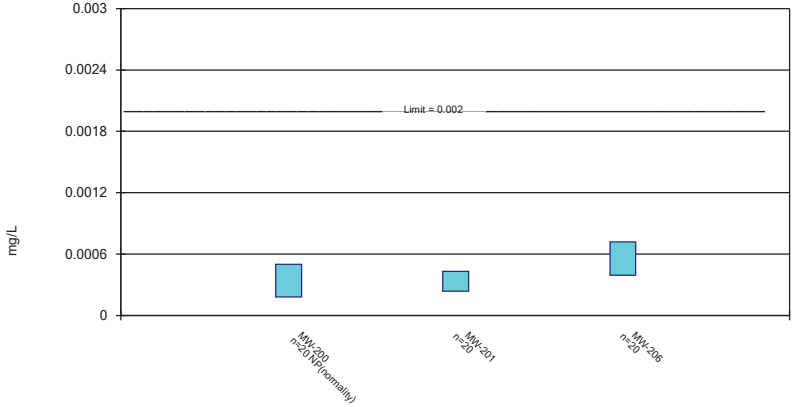
Constituent: Selenium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206
3/2/2016	<0.0025	<0.0025
5/3/2016		<0.0025
5/4/2016	0.001 (J)	
7/5/2016		<0.0025
7/6/2016	<0.0025	
9/8/2016	<0.0025	<0.0025
11/8/2016	<0.0025	
11/9/2016		<0.0025
1/12/2017		<0.0025
1/13/2017	<0.0025	
3/16/2017	<0.0025	
3/17/2017		<0.0025
5/17/2017	<0.0025	<0.0025
3/14/2018	<0.0025	0.0011 (J)
6/8/2018		<0.0025
6/9/2018	<0.0025	
10/17/2018		<0.0025
11/14/2018	0.001 (J)	
2/28/2019		<0.0025
3/5/2019	<0.0025	
4/18/2020		<0.0025
4/22/2020	<0.0025	
10/12/2020	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025
9/13/2022	<0.0025	<0.0025
Mean	0.002333	0.002422
Std. Dev.	0.0004851	0.00033
Upper Lim.	0.0025	0.0025
Lower Lim.	0.001	0.0011

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.0013		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		<0.0013	
2/28/2019	0.00067 (J)		0.00089 (J)
3/5/2019		<0.0013	
6/4/2019	0.00048 (J)	<0.0013	0.001 (J)
11/12/2019	0.0011 (J)	<0.0013	0.0022 (V)
4/18/2020	0.00044		0.00086
4/22/2020		<0.0013	
10/12/2020	<0.0013	<0.0013	0.0017
4/1/2021	<0.0013	<0.0013	0.00064
9/8/2021	<0.0013	<0.0013	<0.0013
3/25/2022	<0.0013	<0.0013	<0.0013
9/13/2022	<0.0013	<0.0013	<0.0013
Mean	0.001935	0.002728	0.005775
Std. Dev.	0.001587	0.002797	0.006202
Upper Lim.	0.0029	0.0034	0.007731
Lower Lim.	0.00072	0.0009	0.002016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	0.026	0.049	0.039
3/25/2022	<0.0005	0.041	0.038
9/13/2022	0.059	0.034	0.039
Mean	0.04627	0.0503	0.07631
Std. Dev.	0.02327	0.02233	0.03761
Upper Lim.	0.05948	0.06298	0.09766
Lower Lim.	0.03305	0.03762	0.05495

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	<0.0025	<0.0025	0.00055 (J)
5/3/2016	<0.0025		<0.0025
5/4/2016		<0.0025	
7/5/2016	<0.0025		0.00048 (J)
7/6/2016		<0.0025	
9/8/2016	<0.0025	<0.0025	<0.0025
11/8/2016		<0.0025	
11/9/2016	<0.0025		<0.0025
1/12/2017	<0.0025		<0.0025
1/13/2017		<0.0025	
3/16/2017		<0.0025	
3/17/2017	<0.0025		0.00042 (J)
5/16/2017	<0.0025		
5/17/2017		<0.0025	<0.0025
3/13/2018	<0.0025		
3/14/2018		<0.0025	<0.0025
6/8/2018	<0.0025		<0.0025
6/9/2018		<0.0025	
10/17/2018			<0.0025
11/13/2018	<0.0025 (J3)		
11/14/2018		<0.0025 (J3)	
2/28/2019	<0.0025		<0.0025
3/5/2019		<0.0025	
6/4/2019	<0.0025	<0.0025	<0.0025
11/12/2019	<0.0025	<0.0025	<0.0025
4/18/2020	4.5E-05 (J)		4.1E-05 (J)
4/22/2020		6.9E-05 (J)	
10/12/2020	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025	<0.0025
9/13/2022	<0.0025	<0.0025	<0.0025
Mean	0.002377	0.002378	0.002075
Std. Dev.	0.000549	0.0005436	0.0008777
Upper Lim.	0.0025	0.0025	0.0025
Lower Lim.	4.5E-05	6.9E-05	0.00055

ND substitution: RL or RL/2 if <15% NDs. Substitution method for trace values of the form <PQL(J): PQL.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	0.022 (o)	<0.0025	0.0031 (J)
5/3/2016	<0.0005		0.0025
5/4/2016		0.014	
7/5/2016	<0.0005		0.0026
7/6/2016		0.015	
9/8/2016	<0.0005	0.015	0.0026 (J)
11/8/2016		0.014	
11/9/2016	<0.0005		0.0032 (J)
1/12/2017	<0.0005		0.0031
1/13/2017		0.013	
3/16/2017		0.0084	
3/17/2017	<0.0005		0.0027
5/16/2017	<0.0005		
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	<0.0005		0.0014 (J)
6/9/2018		0.0029	
10/17/2018			0.00088 (J)
11/13/2018	<0.0005		
11/14/2018		0.0021 (J)	
2/28/2019	<0.0005		0.00065 (J)
3/5/2019		0.0023 (J)	
6/4/2019	<0.0005	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	<0.0005	0.0015 (J)	<0.0025
4/1/2021	0.0012	0.0012	0.00065
9/8/2021	0.0006 (J)	0.0013 (J)	0.00044 (J)
3/25/2022	<0.0005	0.0017 (J)	<0.0025
9/13/2022	0.0027	0.00066 (J)	<0.0025
Mean	0.0006795	0.005345	0.001815
Std. Dev.	0.0005228	0.005509	0.00106
Upper Lim.	0.00061	0.005752	0.0026
Lower Lim.	0.00039	0.001795	0.00065

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206
3/2/2016	<0.0025	0.0026 (J)
5/3/2016		<0.0025
5/4/2016	<0.0025	
7/5/2016		<0.0025
7/6/2016	<0.0025	
9/8/2016	<0.0025	<0.0025
11/8/2016	<0.0025	
11/9/2016		<0.0025
1/12/2017		<0.0025
1/13/2017	<0.0025	
3/16/2017	<0.0025	
3/17/2017		<0.0025
5/17/2017	<0.0025	<0.0025
3/14/2018	<0.0025	<0.0025
6/8/2018		<0.0025
6/9/2018	<0.0025	
2/28/2019		<0.0025
3/5/2019	<0.0025	
4/18/2020		<0.0025
4/22/2020	<0.0025	
10/12/2020	0.0011 (J)	<0.0025
4/1/2021	0.0018	<0.0025
9/8/2021	0.002 (J)	<0.0025
3/25/2022	<0.0025	<0.0025
9/13/2022	<0.0025	<0.0025
Mean	0.002347	0.002506
Std. Dev.	0.0003793	2.425E-05
Upper Lim.	0.0025	0.0026
Lower Lim.	0.002	0.0025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.0005	0.0038 (J)	0.0056 (J)
11/8/2016		0.0035 (J)	
11/9/2016	<0.0005		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	<0.0005	<0.0025	0.00067 (J)
4/18/2020	0.00048 (J)		0.0016
4/22/2020		0.00091	
10/12/2020	<0.0005	0.0014 (J)	0.0019 (J)
4/1/2021	0.0013	0.0012	0.002
9/8/2021	0.00061 (J)	0.00071 (J)	0.0014 (J)
3/25/2022	<0.0005	0.00086 (J)	0.0012 (J)
9/13/2022	0.00069 (J)	0.0011 (J)	0.0014 (J)
Mean	0.001177	0.002031	0.003119
Std. Dev.	0.00073	0.001285	0.001868
Upper Lim.	0.0015	0.002556	0.004179
Lower Lim.	0.0005	0.001304	0.002058

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	4.54	8.42	6.25
3/25/2022	3.81	8.93	6.19
9/13/2022	13.4	4.5	6.19
Mean	11.47	12.22	18.58
Std. Dev.	6.851	7.593	12.34
Upper Lim.	15.36	14.34	23.31
Lower Lim.	7.577	7.484	10.41

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	0.049 (J)	0.36	0.048 (J)
3/25/2022	<0.1	0.25	<0.1
9/13/2022	0.27 (J)	<0.1	<0.1
Mean	0.09852	0.5609	0.06486
Std. Dev.	0.06599	0.2494	0.02473
Upper Lim.	0.1	0.6948	0.07592
Lower Lim.	0.06	0.4271	0.05094

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	<0.0013	0.00034 (J)	0.0004 (J)
3/25/2022	<0.0013	<0.0013	<0.0013
9/13/2022	<0.0013	<0.0013	<0.0013
Mean	0.00108	0.001022	0.004634
Std. Dev.	0.0004757	0.0003942	0.004119
Upper Lim.	0.001515	0.0013	0.0087
Lower Lim.	0.0008565	0.00057	0.00076

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	0.01 (J)	<0.005	<0.005
5/3/2016	<0.005		<0.005
5/4/2016		0.0069	
7/5/2016	<0.005		<0.005
7/6/2016		0.0086	
9/8/2016	<0.005	0.035	<0.005
11/8/2016		<0.005	
11/9/2016	<0.005		<0.005
1/12/2017	<0.005		<0.005
1/13/2017		0.0078	
3/16/2017		0.0062	
3/17/2017	<0.005		<0.005
5/16/2017	<0.005		
5/17/2017		0.0042 (J)	<0.005
3/13/2018	<0.005		
3/14/2018		0.0053	<0.005
6/8/2018	<0.005		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)		<0.005
3/5/2019		0.0043 (J)	
6/4/2019	0.0012 (J)	0.0044 (J)	<0.005
11/12/2019	<0.005	0.0026 (J)	<0.005
4/18/2020	<0.005		<0.005
4/22/2020		0.0024	
10/12/2020	<0.005	0.0026 (J)	<0.005
4/1/2021	<0.005	0.005	0.0029
9/8/2021	<0.005	0.0033 (J)	<0.005
3/25/2022	<0.005	<0.005	<0.005
9/13/2022	<0.005	<0.005	<0.005
Mean	0.004805	0.0064	0.004525
Std. Dev.	0.001649	0.00692	0.001199
Upper Lim.	0.01	0.0062	0.005
Lower Lim.	0.0025	0.0042	0.0029

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.0002
11/12/2019	0.00056	0.00048	<0.0002
4/18/2020	0.00013 (J)		<0.0002
4/22/2020		0.0004	
10/12/2020	0.00017 (J)	0.00026	<0.0002
4/1/2021	0.00025	0.00029	<0.0002
9/8/2021	<0.0002	<0.0002	<0.0002
3/25/2022	<0.0002	<0.0002	<0.0002
9/13/2022	0.00038	0.00027	<0.0002
Mean	0.001355	0.001129	0.0003315
Std. Dev.	0.001048	0.001051	0.0002481
Upper Lim.	0.00195	0.001253	0.00036
Lower Lim.	0.0007598	0.0003046	0.00016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-200	MW-201	MW-206
3/2/2016	<0.015	<0.015	<0.015
5/3/2016	<0.015		<0.015
5/4/2016		<0.015	
7/5/2016	<0.015		<0.015
7/6/2016		<0.015	
9/8/2016	<0.015	<0.015	<0.015
11/8/2016		<0.015	
11/9/2016	<0.015		<0.015
1/12/2017	<0.015		<0.015
1/13/2017		<0.015	
3/16/2017		0.0015 (J)	
3/17/2017	0.0078 (J)		<0.015
5/16/2017	<0.015		
5/17/2017		<0.015	<0.015
3/13/2018	<0.015		
3/14/2018		<0.015	0.00092 (J)
6/8/2018	<0.015		<0.015
6/9/2018		<0.015	
10/17/2018			<0.015
11/13/2018	<0.015		
11/14/2018		<0.015	
2/28/2019	<0.015		<0.015
3/5/2019		<0.015	
4/18/2020	<0.015		<0.015
4/22/2020		<0.015	
10/12/2020	<0.015	<0.015	<0.015
4/1/2021	<0.015	<0.015	<0.015
9/8/2021	<0.015	<0.015	<0.015
3/25/2022	<0.015	<0.015	<0.015
9/13/2022	<0.015	<0.015	<0.015
Mean	0.0146	0.01425	0.01422
Std. Dev.	0.001697	0.003182	0.003319
Upper Lim.	0.015	0.015	0.015
Lower Lim.	0.0078	0.0015	0.00092

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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
9/8/2021	0.0033	0.0046	0.0059
3/25/2022	<0.0013	0.005	0.0069
9/13/2022	<0.0013	<0.0013	<0.0013
Mean	0.007865	0.007473	0.0136
Std. Dev.	0.005937	0.005623	0.006121
Upper Lim.	0.01034	0.009815	0.01708
Lower Lim.	0.003893	0.003719	0.01013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 1:44 PM View: 200 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	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	<0.0005		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	<0.0005		
11/14/2018		0.00015 (J)	
2/28/2019	0.0001 (J)		0.00024 (J)
3/5/2019		0.00016 (J)	
6/4/2019	<0.0005	0.00011 (J)	0.00017 (J)
11/12/2019	<0.0005	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	<0.0005	0.00012	0.0002
9/8/2021	<0.0005	<0.0005	<0.0005
3/25/2022	<0.0005	<0.0005	<0.0005
9/13/2022	<0.0005	<0.0005	<0.0005
Mean	0.0003569	0.0003335	0.0005545
Std. Dev.	0.0001728	0.0001684	0.0002867
Upper Lim.	0.0005	0.0004291	0.0007173
Lower Lim.	0.00018	0.0002379	0.0003917

ND substitution: RL or RL/2 if <15% NDs.

300 Series

Confidence Interval Summary Table - 300 Series - Significant Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.734**	**5.018**	**5**	**Yes**	**20**	**1.905**	**0**	**ln(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	**MW-303**	**1.453**	**0.7522**	**0.1**	**Yes**	**20**	**0.6168**	**0**	**No**	**0.01**	**Param.**

Confidence Interval Summary Table - 300 Series - All Results

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Std. Dev.	%NDs	Transform	Alpha	Method
Arsenic (mg/L)	MW-303	0.0015	0.00082	0.01	No	18	0.0004255	55.56	No	0.01	NP (normality)
Arsenic (mg/L)	MW-304	0.0035	0.00056	0.01	No	15	0.001559	26.67	No	0.01	NP (Cohens/xfrm)
Arsenic (mg/L)	MW-305	0.00042	0.00025	0.01	No	18	0.02162	77.78	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-308	0.0023	0.0011	0.01	No	18	0.0003204	83.33	No	0.01	NP (NDs)
Barium (mg/L)	MW-300	0.012	0.011	2	No	20	0.0007452	0	No	0.01	NP (normality)
Barium (mg/L)	MW-303	0.04801	0.03137	2	No	20	0.01571	0	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-304	0.04205	0.02885	2	No	20	0.01163	0	No	0.01	Param.
Barium (mg/L)	MW-305	0.026	0.016	2	No	20	0.007236	0	No	0.01	NP (normality)
Barium (mg/L)	MW-308	0.02719	0.02181	2	No	20	0.004741	0	No	0.01	Param.
Beryllium (mg/L)	MW-303	0.0025	0.000074	0.004	No	17	0.0005884	94.12	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-305	0.001	0.0005	0.004	No	17	0.0001213	94.12	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-300	0.0025	0.000075	0.005	No	20	0.0005422	95	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-303	0.0025	0.00041	0.005	No	20	0.001025	40	No	0.01	NP (normality)
Cadmium (mg/L)	MW-304	0.0042	0.001	0.005	No	20	0.0006549	85	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-305	0.0029	0.000076	0.005	No	20	0.0005499	90	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-308	0.0025	0.000089	0.005	No	20	0.0005391	95	No	0.01	NP (NDs)
Chromium (mg/L)	MW-300	0.0037	0.0012	0.1	No	17	0.0004423	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-303	0.0025	0.0014	0.1	No	17	0.0004001	88.24	No	0.01	NP (NDs)
Chromium (mg/L)	MW-304	0.0025	0.0021	0.1	No	17	0.000376	76.47	No	0.01	NP (NDs)
Chromium (mg/L)	MW-305	0.0013	0.001	0.1	No	17	0.0004314	70.59	No	0.01	NP (normality)
Chromium (mg/L)	MW-308	0.0025	0.0022	0.1	No	17	0.0004094	88.24	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-300	0.0025	0.00093	0.006	No	20	0.0008687	80	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-303	0.0025	0.00059	0.006	No	20	0.0009752	50	No	0.01	NP (normality)
Cobalt (mg/L)	MW-304	0.04327	0.005834	0.006	No	11	0.08645	0	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-305	0.0025	0.00045	0.006	No	20	0.00781	35	No	0.01	NP (normality)
Cobalt (mg/L)	MW-308	0.0025	0.00063	0.006	No	20	0.0005865	90	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-300	5.498	4.828	5	No	20	0.5897	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	**MW-303**	**6.734**	**5.018**	**5**	**Yes**	**20**	**1.905**	**0**	**ln(x)**	**0.01**	**Param.**
Combined Radium 226 + 228 (pCi/L)	MW-304	6.853	4.143	5	No	20	2.385	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-305	1.67	1.24	5	No	20	4.162	0	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-308	3.006	2.33	5	No	20	0.5948	0	No	0.01	Param.
Fluoride (mg/L)	MW-300	0.1	0.041	4	No	21	0.01287	95.24	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-303	0.2449	0.166	4	No	22	0.07347	4.545	No	0.01	Param.
Fluoride (mg/L)	MW-304	0.12	0.06	4	No	21	0.1371	47.62	No	0.01	NP (normality)
Fluoride (mg/L)	MW-305	4.6	0.035	4	No	21	0.9836	85.71	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-308	0.1392	0.08627	4	No	22	0.0493	4.545	No	0.01	Param.
Lead (mg/L)	MW-300	0.0013	0.00039	0.015	No	17	0.0003573	88.24	No	0.01	NP (NDs)
Lead (mg/L)	MW-303	0.0013	0.00011	0.015	No	17	0.0002886	94.12	No	0.01	NP (NDs)
Lead (mg/L)	MW-304	0.0014	0.00048	0.015	No	17	0.0004162	58.82	No	0.01	NP (normality)
Lead (mg/L)	MW-305	0.0019	0.00025	0.015	No	17	0.0004002	94.12	No	0.01	NP (NDs)
Lithium (mg/L)	MW-300	0.005	0.0036	0.04	No	20	0.001519	80	No	0.01	NP (NDs)
Lithium (mg/L)	MW-303	0.02769	0.02159	0.04	No	20	0.006433	5	x^2	0.01	Param.
Lithium (mg/L)	MW-304	0.005	0.0034	0.04	No	20	0.001782	65	No	0.01	NP (normality)
Lithium (mg/L)	MW-305	0.006	0.0025	0.04	No	20	0.001633	75	No	0.01	NP (normality)
Lithium (mg/L)	MW-308	0.005	0.0021	0.04	No	20	0.001489	80	No	0.01	NP (NDs)
Mercury (mg/L)	MW-300	0.0002	0.00019	0.002	No	20	0.000002236	95	No	0.01	NP (NDs)
Mercury (mg/L)	MW-304	0.00055	0.0002	0.002	No	20	0.0003136	25	No	0.01	NP (Cohens/xfrm)
Mercury (mg/L)	MW-305	0.0018	0.00014	0.002	No	20	0.000612	85	No	0.01	NP (NDs)
Mercury (mg/L)	MW-308	0.00042	0.000087	0.002	No	20	0.00005647	90	No	0.01	NP (NDs)
Molybdenum (mg/L)	**MW-303**	**1.453**	**0.7522**	**0.1**	**Yes**	**20**	**0.6168**	**0**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	MW-304	0.015	0.0043	0.1	No	20	0.00552	65	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-305	0.015	0.0016	0.1	No	20	0.004325	90	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-308	0.015	0.0022	0.1	No	20	0.004867	85	No	0.01	NP (NDs)
Selenium (mg/L)	MW-300	0.0045	0.0013	0.05	No	20	0.0007155	95	No	0.01	NP (NDs)
Selenium (mg/L)	MW-303	0.006326	0.003714	0.05	No	20	0.0023	0	No	0.01	Param.
Selenium (mg/L)	MW-304	0.006488	0.004196	0.05	No	19	0.001957	0	No	0.01	Param.
Selenium (mg/L)	MW-305	0.21	0.00077	0.05	No	20	0.04669	85	No	0.01	NP (NDs)
Selenium (mg/L)	MW-308	0.006204	0.003566	0.05	No	20	0.002322	0	No	0.01	Param.
Thallium (mg/L)	MW-303	0.00027	0.00018	0.002	No	20	0.0001165	15	No	0.01	NP (normality)
Thallium (mg/L)	MW-304	0.00029	0.00014	0.002	No	20	0.000154	25	No	0.01	NP (Cohens/xfrm)
Thallium (mg/L)	MW-308	0.0003543	0.0002367	0.002	No	20	0.0001035	15	No	0.01	Param.

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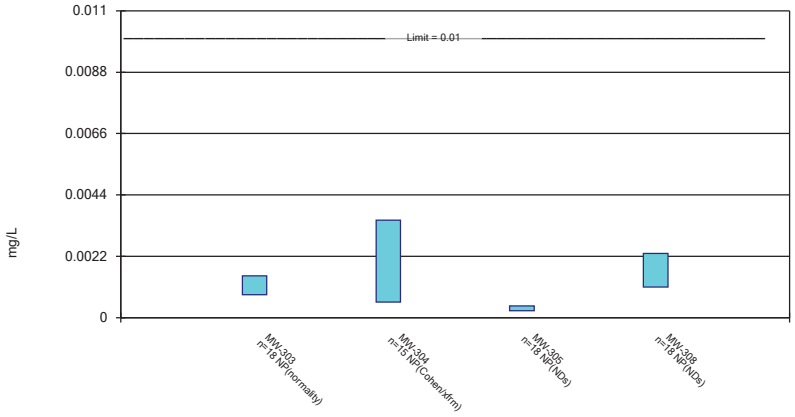
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Arsenic Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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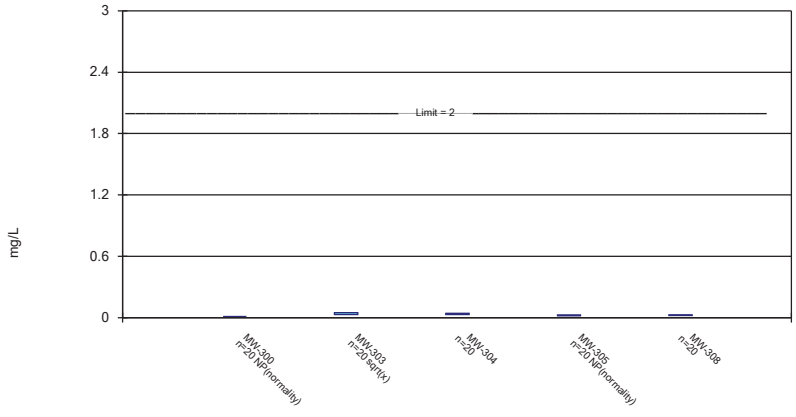
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

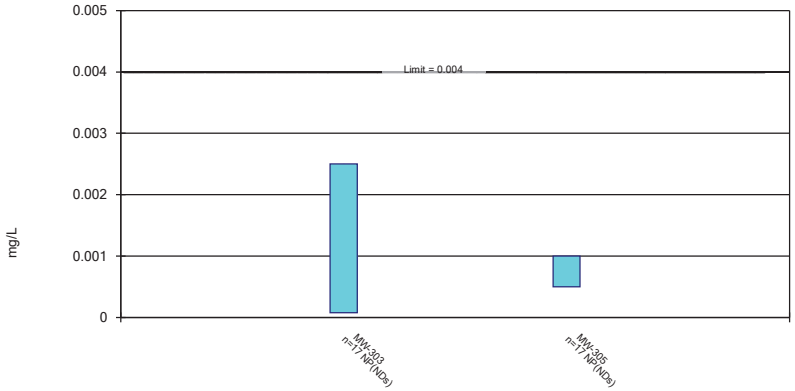


Constituent: Barium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

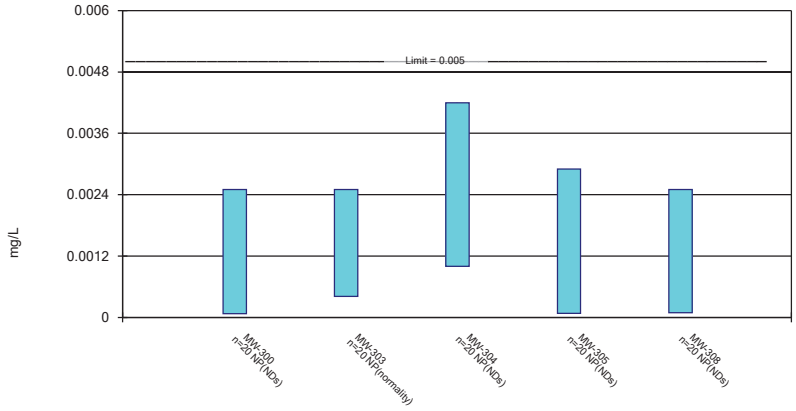


Constituent: Beryllium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

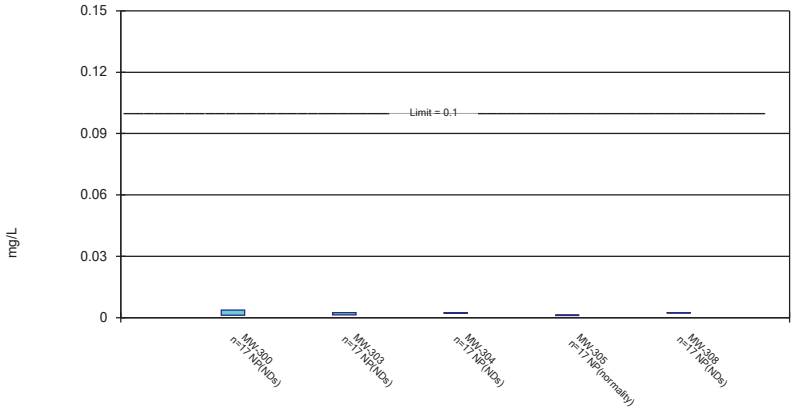


Constituent: Cadmium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

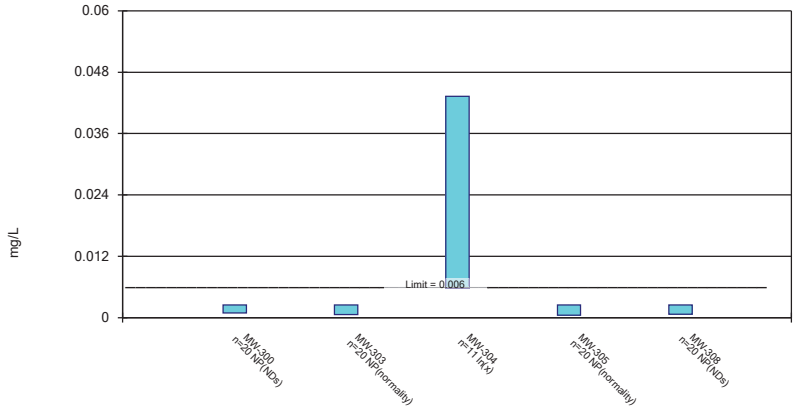


Constituent: Chromium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . 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.

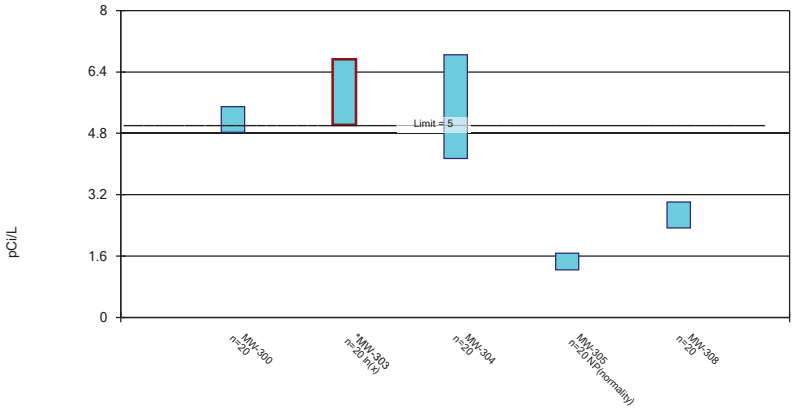


Constituent: Cobalt Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

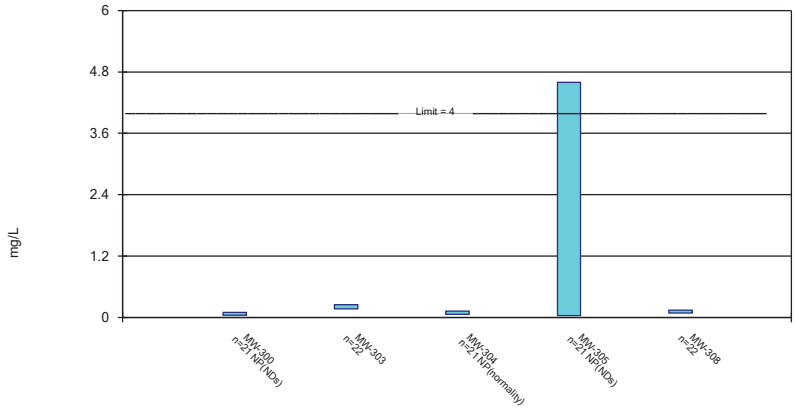


Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

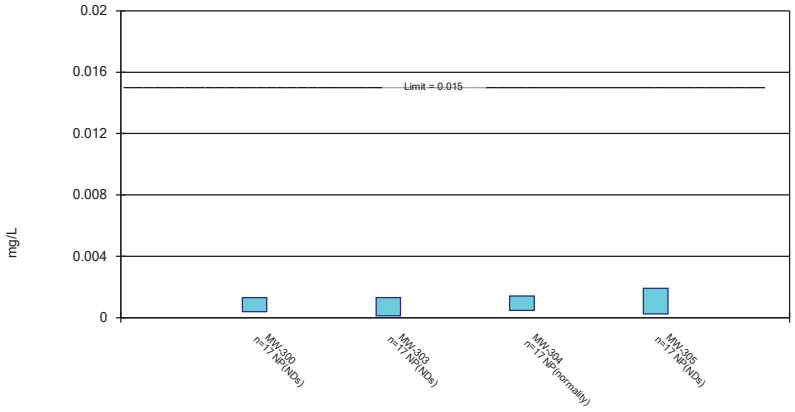


Constituent: Fluoride Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

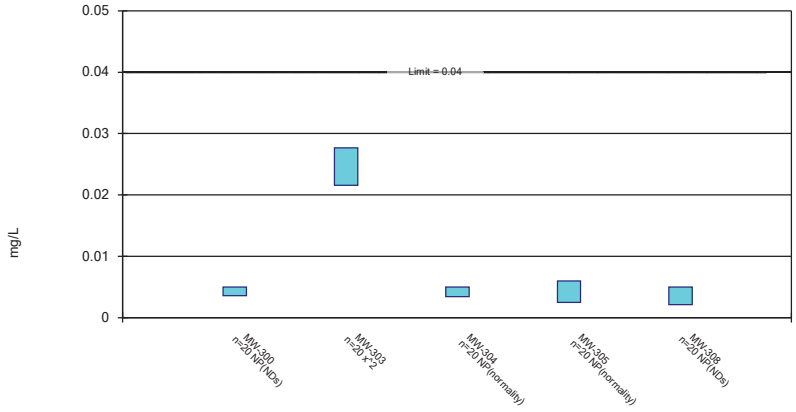


Constituent: Lead Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

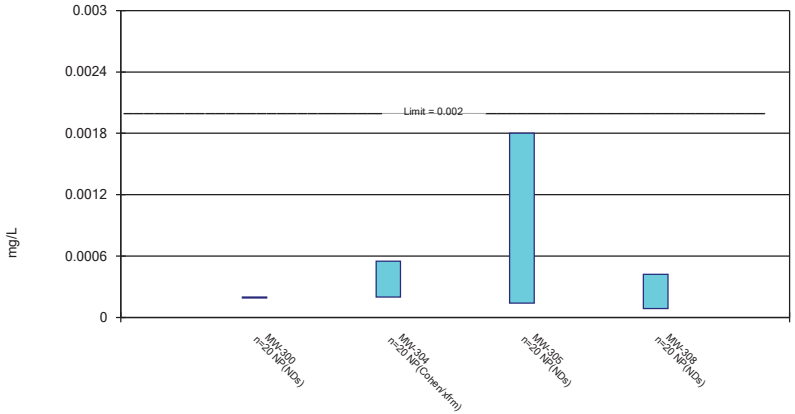


Constituent: Lithium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

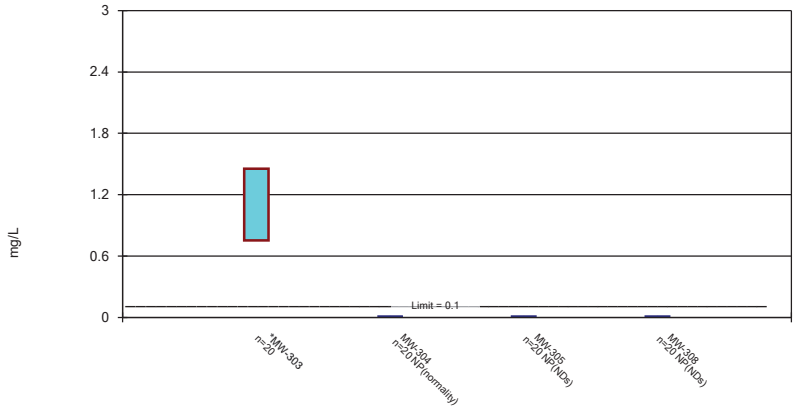


Constituent: Mercury Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

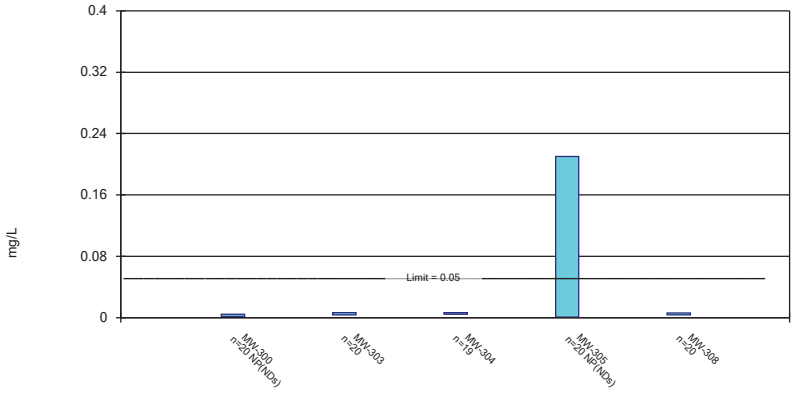
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL 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.

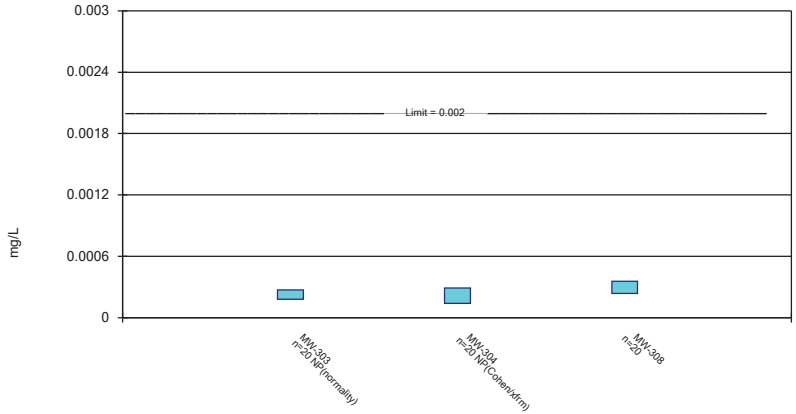


Constituent: Selenium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.0018 (J)	0.009 (o)	<0.00025	<0.0013
5/4/2016	0.0024	0.019 (o)	<0.00025	<0.0013
7/6/2016	0.0005 (J)	0.014 (o)		<0.0013
7/7/2016			<0.00025	
9/7/2016		0.005	<0.00025	<0.0013
9/8/2016	<0.0013			
11/7/2016			<0.00025	
11/8/2016	<0.0013	0.0035		<0.0013
1/10/2017	<0.0013	0.0051	<0.00025	<0.0013
3/15/2017		0.00066 (J)	<0.00025	
3/16/2017	0.0015			<0.0013
5/15/2017	0.0012 (J)			
5/16/2017		0.00094 (J)	<0.00025	<0.0013
3/13/2018	0.00082 (J)	0.00086 (J)	<0.00025	<0.0013
6/7/2018	0.0007 (J)	0.00056 (J)	<0.00025	<0.0013
10/17/2018	<0.0013	0.0005 (J)	<0.00025	<0.0013
2/27/2019				<0.0013
2/28/2019	<0.0013	<0.0013	<0.00025	
4/18/2020	<0.0013	0.00053	0.00042	0.00046
10/8/2020	0.00069 (J)			0.0011 (J)
10/9/2020		<0.0013	0.00057 (J)	
4/1/2021	<0.0013	0.00062	0.00048	<0.0013
9/7/2021	<0.0013	<0.0013	<0.00025	<0.0013
3/24/2022	<0.0013	0.0019	<0.00025	0.0023
9/12/2022	<0.0013	<0.0013		<0.0013
9/16/2022			0.092	
Mean	0.001256	0.001691	0.005387	0.001298
Std. Dev.	0.0004255	0.001559	0.02162	0.0003204
Upper Lim.	0.0015	0.0035	0.00042	0.0023
Lower Lim.	0.00082	0.00056	0.00025	0.0011

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL 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
3/24/2022	0.012	0.047	0.036	0.03	0.024
9/12/2022	0.011	0.044	0.022		0.019
9/16/2022				0.041	
Mean	0.01135	0.04055	0.03545	0.0204	0.0245
Std. Dev.	0.0007452	0.01571	0.01163	0.007236	0.004741
Upper Lim.	0.012	0.04801	0.04205	0.026	0.02719
Lower Lim.	0.011	0.03137	0.02885	0.016	0.02181

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-303	MW-305
3/3/2016	<0.0025	<0.0005
5/4/2016	<0.0025	<0.0005
7/6/2016	<0.0025	
7/7/2016		<0.0005
9/7/2016		<0.0005
9/8/2016	<0.0025	
11/7/2016		<0.0005
11/8/2016	<0.0025	
1/10/2017	<0.0025	<0.0005
3/15/2017		<0.0005
3/16/2017	<0.0025	
5/15/2017	<0.0025	
5/16/2017		<0.0005
3/13/2018	<0.0025	<0.0005
6/7/2018	<0.0025	<0.0005
2/28/2019	<0.0025	<0.0005
4/18/2020	7.4E-05 (J)	<0.0005
10/8/2020	<0.0025	
10/9/2020		<0.0005
4/1/2021	<0.0025	<0.0005
9/7/2021	<0.0025	<0.0005
3/24/2022	<0.0025	<0.0005
9/12/2022	<0.0025	
9/16/2022		0.001 (J)
Mean	0.002357	0.0005294
Std. Dev.	0.0005884	0.0001213
Upper Lim.	0.0025	0.001
Lower Lim.	7.4E-05	0.0005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0025	<0.0025	<0.0025	<0.0005	<0.0025
5/4/2016	<0.0025	<0.0025	<0.0025	<0.0005	<0.0025
7/6/2016		0.00036 (J)	<0.0025		<0.0025
7/7/2016	<0.0025			<0.0005	
9/7/2016	<0.0025		<0.0025	<0.0005	<0.0025
9/8/2016		0.00045 (J)			
11/7/2016				<0.0005	
11/8/2016	<0.0025	0.00065 (J)	<0.0025		<0.0025
1/10/2017	<0.0025	0.00051 (J)	<0.0025	<0.0005	<0.0025
3/15/2017	<0.0025		<0.0025	<0.0005	
3/16/2017		0.00049 (J)			<0.0025
5/15/2017		0.00045 (J)			
5/16/2017	<0.0025		<0.0025	<0.0005	<0.0025
3/13/2018	<0.0025	0.00041 (J)	<0.0025	<0.0005	<0.0025
6/6/2018	<0.0025				
6/7/2018		0.00066 (J)	<0.0025	<0.0005	<0.0025
10/17/2018		0.00072 (J)	<0.0025	<0.0005	<0.0025
10/18/2018	<0.0025				
2/27/2019					<0.0025
2/28/2019	<0.0025	0.00039 (J)	<0.0025	<0.0005	
5/31/2019	<0.0025	0.00034 (J)	<0.0025	<0.0005	<0.0025
11/11/2019	<0.0025	<0.0025	0.001 (J)	<0.0005	<0.0025
4/18/2020	7.5E-05 (J)	0.00024 (J)	0.00073	7.6E-05 (J)	8.9E-05 (J)
10/8/2020		<0.0025			<0.0025
10/9/2020	<0.0025		<0.0025	<0.0005	
3/31/2021	<0.0025				
4/1/2021		<0.0025	<0.0025	<0.0005	<0.0025
9/7/2021	<0.0025	<0.0025	0.0042	<0.0005	<0.0025
3/24/2022	<0.0025	<0.0025	<0.0025	<0.0005	<0.0025
9/12/2022	<0.0025	<0.0025	<0.0025		<0.0025
9/16/2022				0.0029	
Mean	0.002379	0.001283	0.002421	0.0005988	0.002379
Std. Dev.	0.0005422	0.001025	0.0006549	0.0005499	0.0005391
Upper Lim.	0.0025	0.0025	0.0042	0.0029	0.0025
Lower Lim.	7.5E-05	0.00041	0.001	7.6E-05	8.9E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0025	<0.0025	<0.0025	<0.001	<0.0025
5/4/2016	0.0037	<0.0025	0.0012 (J)	0.0025	<0.0025
7/6/2016		<0.0025	<0.0025		<0.0025
7/7/2016	<0.0025			<0.001	
9/7/2016	<0.0025		<0.0025	<0.001	<0.0025
9/8/2016		<0.0025			
11/7/2016				<0.001	
11/8/2016	<0.0025	<0.0025	<0.0025		<0.0025
1/10/2017	<0.0025	<0.0025	<0.0025	<0.001	<0.0025
3/15/2017	<0.0025		<0.0025	<0.001	
3/16/2017		<0.0025			<0.0025
5/15/2017		<0.0025			
5/16/2017	<0.0025		<0.0025	<0.001	<0.0025
3/13/2018	<0.0025	<0.0025	<0.0025	<0.001	<0.0025
6/6/2018	<0.0025				
6/7/2018		<0.0025	<0.0025	<0.001	<0.0025
2/27/2019					<0.0025
2/28/2019	<0.0025	<0.0025	<0.0025	<0.001	
4/18/2020	<0.0025	<0.0025	<0.0025	<0.001	0.00082
10/8/2020		<0.0025			<0.0025
10/9/2020	<0.0025		0.0016 (J)	0.0016 (J)	
3/31/2021	<0.0025				
4/1/2021		0.0014	<0.0025	<0.001	<0.0025
9/7/2021	0.0012 (J)	0.0012 (J)	0.0025	0.0012 (J)	0.0022 (J)
3/24/2022	<0.0025	<0.0025	0.0021 (J)	0.002	<0.0025
9/12/2022	<0.0025	<0.0025	<0.0025		<0.0025
9/16/2022				0.0013 (J)	
Mean	0.002494	0.002359	0.002347	0.001212	0.002384
Std. Dev.	0.0004423	0.0004001	0.000376	0.0004314	0.0004094
Upper Lim.	0.0037	0.0025	0.0025	0.0013	0.0025
Lower Lim.	0.0012	0.0014	0.0021	0.001	0.0022

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0025	<0.0025	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		<0.0025	0.15		<0.0025
7/7/2016	<0.0025			0.00044 (J)	
9/7/2016	<0.0025		0.019	0.00052 (J)	<0.0025
9/8/2016		<0.0025			
11/7/2016				0.00046 (J)	
11/8/2016	<0.0025	0.00051 (J)	0.099		<0.0025
1/10/2017	<0.0025	<0.0025	0.077	0.00042 (J)	<0.0025
3/15/2017	<0.0025		0.0042	0.00044 (J)	
3/16/2017		0.0004 (J)			<0.0025
5/15/2017		0.00079 (J)			
5/16/2017	<0.0025		0.0067	<0.0025	<0.0025
3/13/2018	<0.0025	0.00056 (J)	0.015	<0.0025	<0.0025
6/6/2018	<0.0025				
6/7/2018		0.0007 (J)	0.014	<0.0025	<0.0025
10/17/2018		<0.0025	0.012	<0.0025	<0.0025
10/18/2018	<0.0025				
2/27/2019					<0.0025
2/28/2019	<0.0025	0.00059 (J)	0.02	0.00042 (J)	
5/31/2019	<0.0025	0.00073 (J)	0.026	0.00046 (J)	<0.0025
11/11/2019	0.00023 (J)	0.00065 (J)	0.023	0.00063 (J)	<0.0025
4/18/2020	0.00024 (J)	0.00044 (J)	0.015	0.00045 (J)	<0.0025
10/8/2020		<0.0025			<0.0025
10/9/2020	<0.0025		0.0019 (J)	<0.0025	
3/31/2021	<0.0025				
4/1/2021		<0.0025	0.0079	<0.0025	<0.0025
9/7/2021	<0.0025	<0.0025	0.3	<0.0025	<0.0025
3/24/2022	0.00024 (J)	<0.0025	0.01	0.0016	<0.0025
9/12/2022	<0.0025	<0.0025	0.012		<0.0025
9/16/2022				0.036	
Mean	0.002082	0.001553	0.04016	0.003059	0.002309
Std. Dev.	0.0008687	0.0009752	0.08645	0.00781	0.0005865
Upper Lim.	0.0025	0.0025	0.04327	0.0025	0.0025
Lower Lim.	0.00093	0.00059	0.005834	0.00045	0.00063

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL 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
3/24/2022	5.39	5.28	6.01	3	3.16
9/12/2022	5.46	4.49	3.54		2.84
9/16/2022				20	
Mean	5.163	6.025	5.498	2.425	2.668
Std. Dev.	0.5897	1.905	2.385	4.162	0.5948
Upper Lim.	5.498	6.734	6.853	1.67	3.006
Lower Lim.	4.828	5.018	4.143	1.24	2.33

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL 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	<0.1	0.11	0.19	<0.1	0.07 (J)
7/6/2016		0.13	0.15		0.07 (J)
7/7/2016	<0.1			<0.1	
9/7/2016	<0.1		0.06 (J)	<0.1	0.06 (J)
9/8/2016		0.12			
11/7/2016				<0.1	
11/8/2016	<0.1	0.13	0.09 (J)		0.06 (J)
1/10/2017	<0.1	0.15	<0.1	<0.1	0.04 (J)
3/15/2017	<0.1		<0.1	<0.1	
3/16/2017		0.16			0.06 (J)
5/15/2017		0.2			
5/16/2017	<0.1		0.04 (J)	<0.1	0.09 (J)
10/3/2017	<0.1	0.25	0.07 (J)	<0.1	0.13
12/20/2017		0.25			0.1
3/13/2018	<0.1	0.26	<0.1	<0.1	0.1
6/6/2018	<0.1				
6/7/2018		0.28	<0.1	<0.1	0.14
10/17/2018		0.29	0.06 (J)	<0.1	0.14
10/18/2018	<0.1				
2/27/2019					0.16
2/28/2019	<0.1	0.28	<0.1	<0.1	
5/31/2019	<0.1	0.33	<0.1	<0.1	0.2
11/11/2019	<0.1	0.26	<0.1	<0.1	0.16
4/18/2020	<0.1	0.25	<0.1	<0.1	0.17
10/8/2020		<0.1			0.07 (J)
10/9/2020	<0.1		0.04 (J)	<0.1	
3/31/2021	<0.1				
4/1/2021		0.26	0.04	0.032	0.19
9/7/2021	<0.1	0.24	0.7	<0.1	0.17
3/24/2022	<0.1	0.22	<0.1	<0.1	0.14
9/12/2022	<0.1	0.15 (J)	<0.1		<0.1
9/16/2022				4.6	
Mean	0.09719	0.2055	0.1219	0.308	0.1127
Std. Dev.	0.01287	0.07347	0.1371	0.9836	0.0493
Upper Lim.	0.1	0.2449	0.12	4.6	0.1392
Lower Lim.	0.041	0.166	0.06	0.035	0.08627

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305
3/3/2016	<0.0013	<0.0013	<0.0013	<0.00025
5/4/2016	<0.0013	<0.0013	0.00086 (J)	<0.00025
7/6/2016		<0.0013	0.0014	
7/7/2016	<0.0013			<0.00025
9/7/2016	<0.0013		0.00056 (J)	<0.00025
9/8/2016		<0.0013		
11/7/2016				<0.00025
11/8/2016	<0.0013	<0.0013	0.00047 (J)	
1/10/2017	<0.0013	<0.0013	0.00041 (J)	<0.00025
3/15/2017	<0.0013		<0.0013	<0.00025
3/16/2017		<0.0013		
5/15/2017		<0.0013		
5/16/2017	<0.0013		<0.0013	<0.00025
3/13/2018	<0.0013	<0.0013	<0.0013	<0.00025
6/6/2018	<0.0013			
6/7/2018		<0.0013	<0.0013	<0.00025
2/28/2019	<0.0013	<0.0013	<0.0013	<0.00025
4/18/2020	8.3E-05 (J)	0.00011 (J)	0.00022 (J)	<0.00025
10/8/2020		<0.0013		
10/9/2020	<0.0013		0.00048 (J)	<0.00025
3/31/2021	0.00039			
4/1/2021		<0.0013	<0.0013	<0.00025
9/7/2021	<0.0013	<0.0013	<0.0013	<0.00025
3/24/2022	<0.0013	<0.0013	<0.0013	<0.00025
9/12/2022	<0.0013	<0.0013	<0.0013	
9/16/2022				0.0019
Mean	0.001175	0.00123	0.001024	0.0003471
Std. Dev.	0.0003573	0.0002886	0.0004162	0.0004002
Upper Lim.	0.0013	0.0013	0.0014	0.0019
Lower Lim.	0.00039	0.00011	0.00048	0.00025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.005	0.037	<0.005	<0.005	<0.005
5/4/2016	<0.005	0.029	<0.005	<0.005	<0.005
7/6/2016		0.024	0.0044 (J)		<0.005
7/7/2016	<0.005			<0.005	
9/7/2016	<0.005		<0.005	<0.005	<0.005
9/8/2016		0.022			
11/7/2016				<0.005	
11/8/2016	<0.005	0.026	<0.005		<0.005
1/10/2017	<0.005	0.024	<0.005	<0.005	<0.005
3/15/2017	<0.005		<0.005	<0.005	
3/16/2017		0.029			<0.005
5/15/2017		0.025			
5/16/2017	<0.005		<0.005	<0.005	<0.005
3/13/2018	<0.005	0.03	<0.005	<0.005	<0.005
6/6/2018	<0.005				
6/7/2018		0.025	0.0012 (J)	0.0014 (J)	0.0011 (J)
10/17/2018		0.024	<0.005	<0.005	<0.005
10/18/2018	<0.005				
2/27/2019					0.0011 (J)
2/28/2019	<0.005	0.021	<0.005	<0.005	
5/31/2019	0.0014 (J)	0.021	0.0023 (J)	<0.005	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)	<0.005
10/8/2020		0.029			<0.005
10/9/2020	<0.005		<0.005	<0.005	
3/31/2021	0.0036				
4/1/2021		0.022	0.0027	0.0025	<0.005
9/7/2021	<0.005	0.023	0.0096	<0.005	<0.005
3/24/2022	<0.005	0.021	<0.005	<0.005	<0.005
9/12/2022	<0.005	<0.005	<0.005		<0.005
9/16/2022				0.006	
Mean	0.004312	0.02402	0.00449	0.004295	0.00428
Std. Dev.	0.001519	0.006433	0.001782	0.001633	0.001489
Upper Lim.	0.005	0.02769	0.005	0.006	0.005
Lower Lim.	0.0036	0.02159	0.0034	0.0025	0.0021

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-304	MW-305	MW-308
3/3/2016	<0.0002	8.6E-05 (J)	<0.0002	<0.0002
5/4/2016	<0.0002	0.00026	<0.0002	<0.0002
7/6/2016		0.0012		<0.0002 (*)
7/7/2016	<0.0002		<0.0002	
9/7/2016	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2016			<0.0002	
11/8/2016	<0.0002	0.00065		<0.0002
1/10/2017	<0.0002	<0.0002	<0.0002	<0.0002
3/15/2017	<0.0002	<0.0002	<0.0002	
3/16/2017				<0.0002
5/16/2017	<0.0002	0.00042	<0.0002	<0.0002
3/13/2018	<0.0002	0.00039	<0.0002	<0.0002
6/6/2018	<0.0002			
6/7/2018		0.00033	<0.0002	<0.0002
10/17/2018		0.00041	<0.0002	<0.0002
10/18/2018	<0.0002			
2/27/2019				<0.0002
2/28/2019	<0.0002	0.00055	<0.0002	
5/31/2019	<0.0002	0.00054	<0.0002	<0.0002
11/11/2019	<0.0002	0.0011	<0.0002	<0.0002
4/18/2020	<0.0002	0.00082	<0.0002	<0.0002
10/8/2020				8.7E-05 (J)
10/9/2020	<0.0002	0.00033	0.00014 (J)	
3/31/2021	0.00019			
4/1/2021		0.00012	<0.0002	0.00042
9/7/2021	<0.0002	<0.0002	<0.0002	<0.0002
3/24/2022	<0.0002	<0.0002	0.0018	<0.0002
9/12/2022	<0.0002	0.00016 (J)		<0.0002
9/16/2022			0.0025	
Mean	0.0001995	0.0004183	0.000392	0.0002053
Std. Dev.	2.236E-06	0.0003136	0.000612	5.647E-05
Upper Lim.	0.0002	0.00055	0.0018	0.00042
Lower Lim.	0.00019	0.0002	0.00014	8.7E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-303	MW-304	MW-305	MW-308
3/3/2016	0.99	<0.015	<0.015	<0.015
5/4/2016	0.99	<0.015	<0.015	<0.015
7/6/2016	1.9	0.0018 (J)		<0.015
7/7/2016			<0.015	
9/7/2016		0.0029 (J)	<0.015	<0.015
9/8/2016	2.4			
11/7/2016			<0.015	
11/8/2016	2.2	<0.015		<0.015
1/10/2017	2.1	<0.015 (*)	<0.015	<0.015
3/15/2017		<0.015	<0.015	
3/16/2017	1.6			<0.015
5/15/2017	1.2			
5/16/2017		<0.015 (*)	<0.015 (*)	<0.015
3/13/2018	1	0.0033 (J)	<0.015	<0.015
6/7/2018	1.1	0.0065 (J)	0.0016 (J)	0.00098 (J)
10/17/2018	1.1	0.0043 (J)	<0.015	<0.015
2/27/2019				<0.015
2/28/2019	0.77	0.0028 (J)	<0.015	
5/31/2019	0.64	<0.015	<0.015	<0.015
11/11/2019	0.85	0.0056 (J)	<0.015	<0.015
4/18/2020	0.81	<0.015	<0.015	<0.015
10/8/2020	0.5			<0.015
10/9/2020		<0.015	<0.015	
4/1/2021	0.49	<0.015	<0.015	<0.015
9/7/2021	0.44	<0.015	<0.015	<0.015
3/24/2022	0.53	<0.015	0.00033 (J)	0.002 (J)
9/12/2022	0.44	<0.015		0.0022 (J)
9/16/2022			<0.015	
Mean	1.103	0.01111	0.0136	0.01301
Std. Dev.	0.6168	0.00552	0.004325	0.004867
Upper Lim.	1.453	0.015	0.015	0.015
Lower Lim.	0.7522	0.0043	0.0016	0.0022

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-300	MW-303	MW-304	MW-305	MW-308
3/3/2016	<0.0013	0.008	0.0041 (J)	<0.0013	0.0051 (J)
5/4/2016	<0.0013	0.0068	0.008	<0.0013	0.0049
7/6/2016		0.0061	0.0056		0.0066
7/7/2016	<0.0013			<0.0013	
9/7/2016	<0.0013		0.0045	<0.0013	0.0073
9/8/2016		0.0065			
11/7/2016				<0.0013	
11/8/2016	<0.0013	0.0046	0.0055		0.0058
1/10/2017	<0.0013	0.0045	0.0056	<0.0013	0.0058
3/15/2017	<0.0013		0.0088	<0.0013	
3/16/2017		0.0079			0.006
5/15/2017		0.0064			
5/16/2017	<0.0013		0.0029	<0.0013	0.0058
3/13/2018	<0.0013	0.0037	0.0065	<0.0013	0.0048
6/6/2018	<0.0013				
6/7/2018		0.0054	0.0047	<0.0013	0.0061
10/17/2018		0.0026	0.05 (o)	<0.0013	0.0023
10/18/2018	<0.0013				
2/27/2019					0.0033
2/28/2019	<0.0013	0.002	0.0011 (J)	<0.0013	
5/31/2019	<0.0013	0.0041	0.0045	<0.0013	0.0031
11/11/2019	<0.0013	0.0031	0.0067	0.00027	0.002
4/18/2020	<0.0013	0.0035	0.0066	<0.0013	0.0021
10/8/2020		0.0014			0.0047
10/9/2020	<0.0013		0.0057	<0.0013	
3/31/2021	<0.0013				
4/1/2021		0.004	0.0038	<0.0013	0.0027
9/7/2021	<0.0013	0.0046	0.0069	<0.0013	0.0045
3/24/2022	<0.0013	0.0042	0.0025	0.00077	0.0028
9/12/2022	0.0045	0.011	0.0075		0.012
9/16/2022				0.21	
Mean	0.00146	0.00502	0.005342	0.01166	0.004885
Std. Dev.	0.0007155	0.0023	0.001957	0.04669	0.002322
Upper Lim.	0.0045	0.006326	0.006488	0.21	0.006204
Lower Lim.	0.0013	0.003714	0.004196	0.00077	0.003566

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 2:00 AM View: 300 Series Confidence Intervals

Gulf Clean Energy Center Client: FPL 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		<0.0005	
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	<0.0005	<0.0005	<0.0005
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	<0.0005	0.00019
9/7/2021	0.00015 (J)	0.00015 (J)	0.00016 (J)
3/24/2022	<0.0005	<0.0005	<0.0005
9/12/2022	<0.0005	<0.0005	<0.0005
Mean	0.000256	0.0002528	0.0002955
Std. Dev.	0.0001165	0.000154	0.0001035
Upper Lim.	0.00027	0.00029	0.0003543
Lower Lim.	0.00018	0.00014	0.0002367

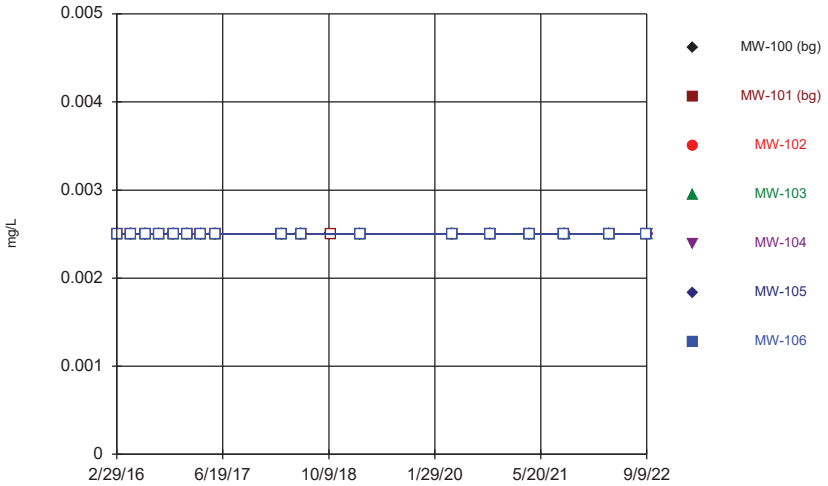
ND substitution: RL or RL/2 if <15% NDs.

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

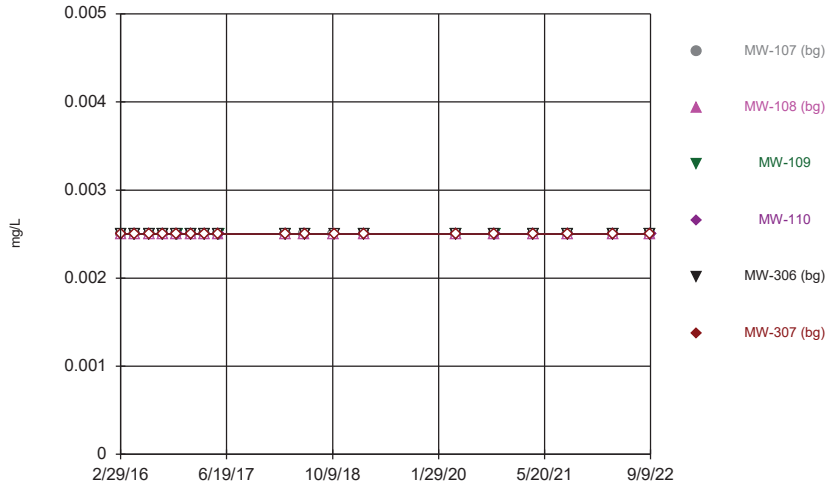
Time Series



Constituent: Antimony Analysis Run 1/12/2023 10:45 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

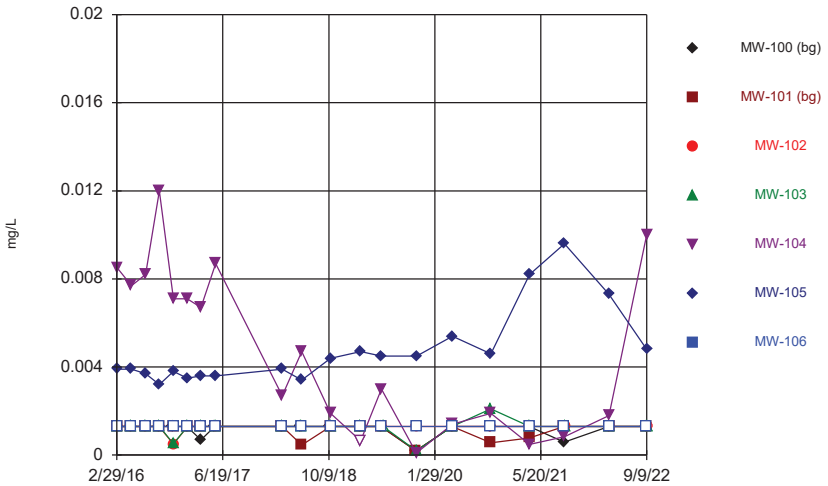
Time Series



Constituent: Antimony Analysis Run 1/12/2023 10:45 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

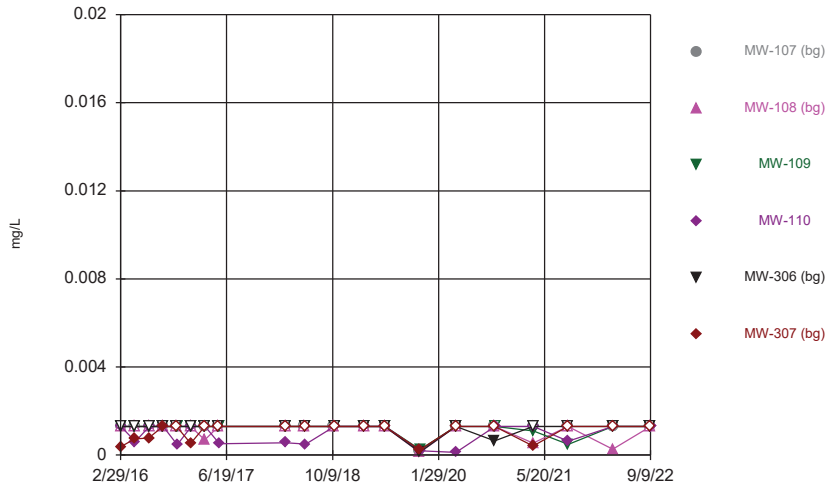
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 10:45 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

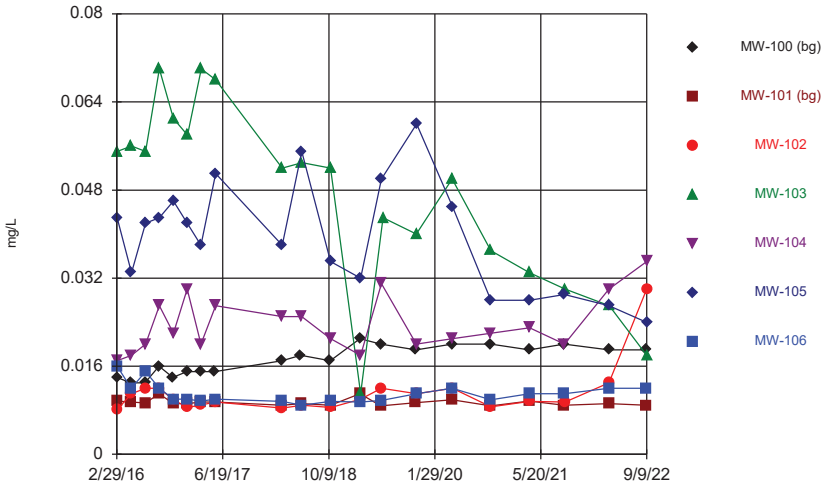
Time Series



Constituent: Arsenic Analysis Run 1/12/2023 10:45 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

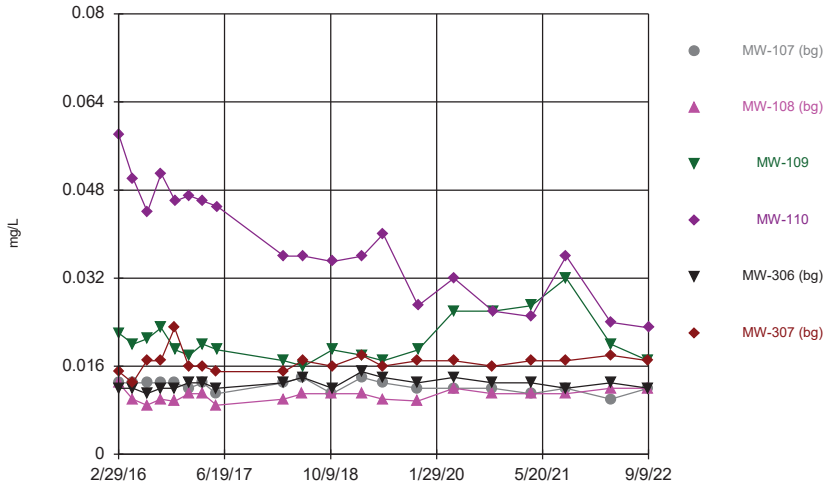
Time Series



Constituent: Barium Analysis Run 1/12/2023 10:45 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

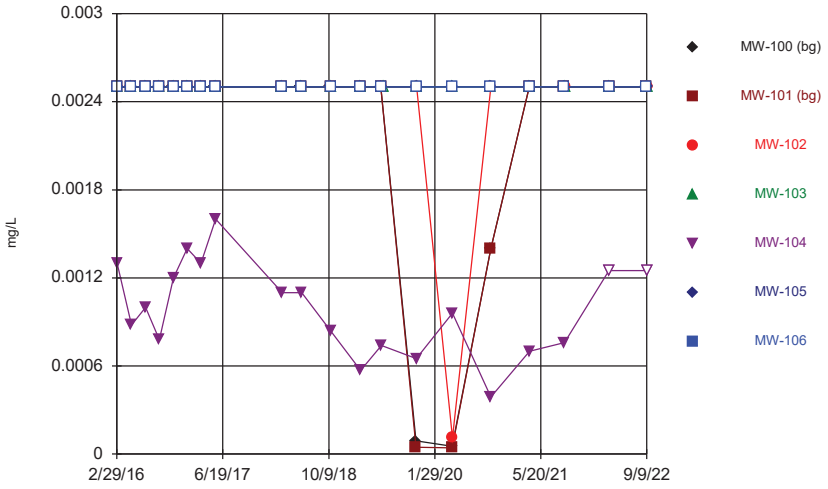
Time Series



Constituent: Barium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

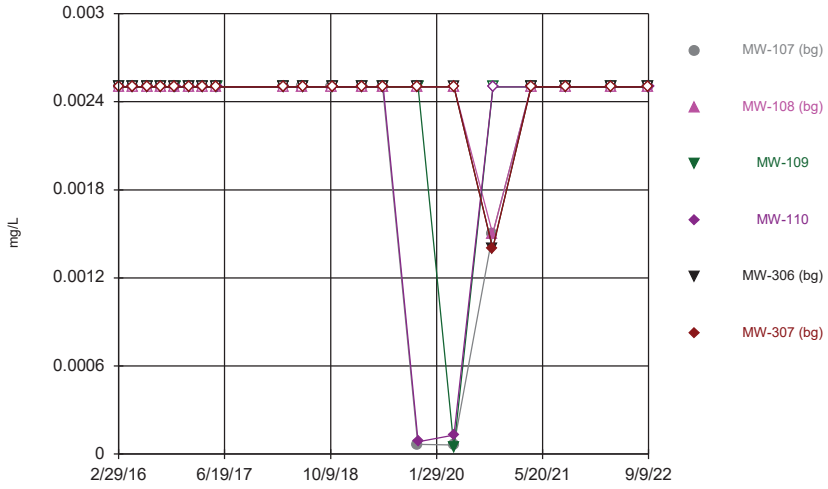
Time Series



Constituent: Beryllium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

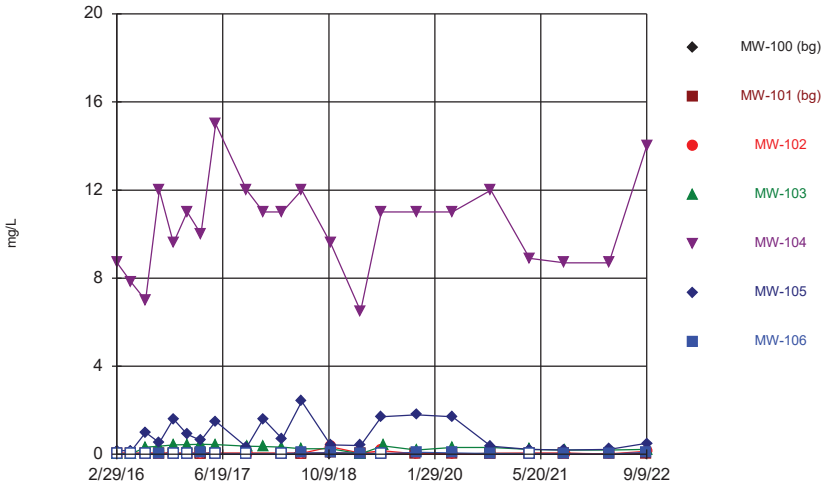
Time Series



Constituent: Beryllium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

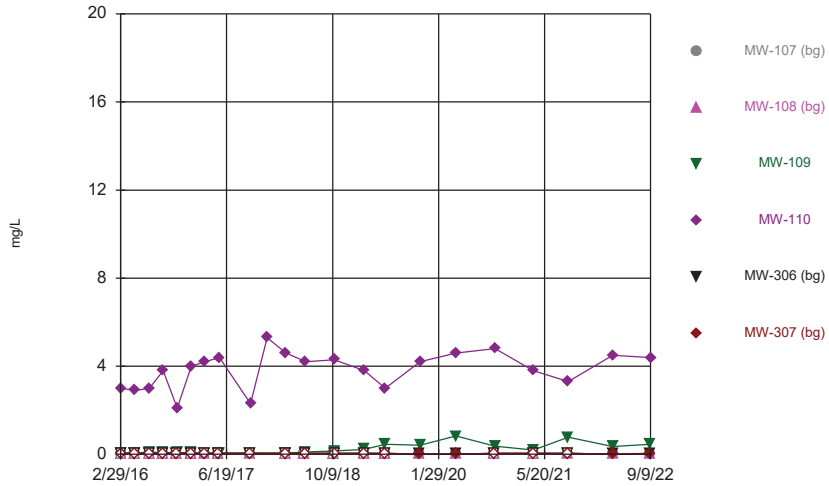
Time Series



Constituent: Boron Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

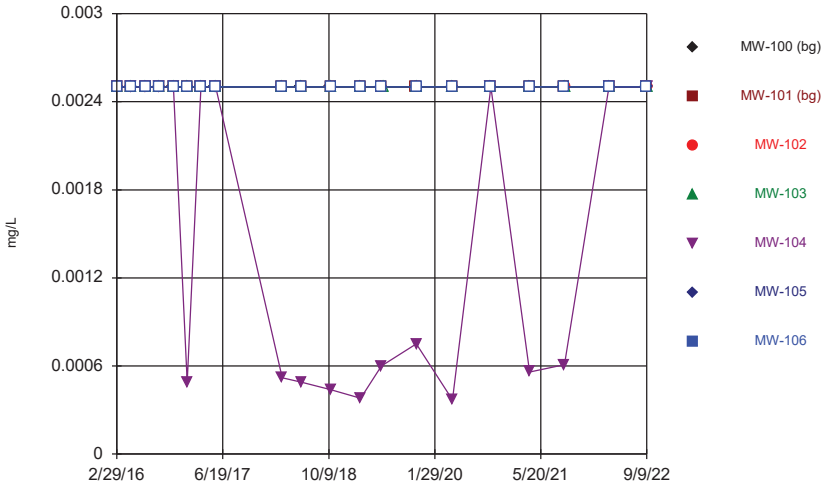
Time Series



Constituent: Boron Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

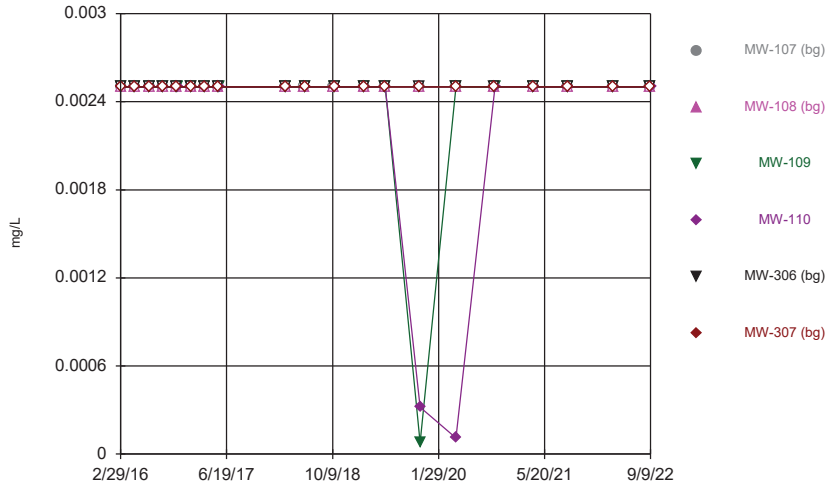
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

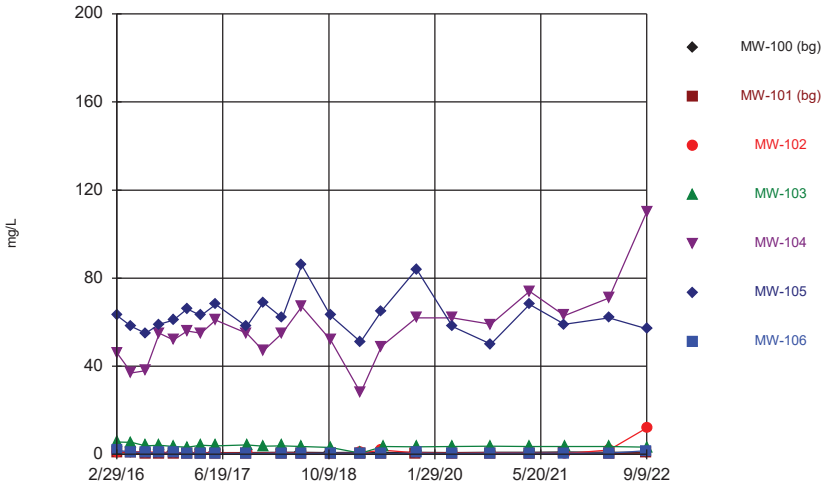
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Time Series

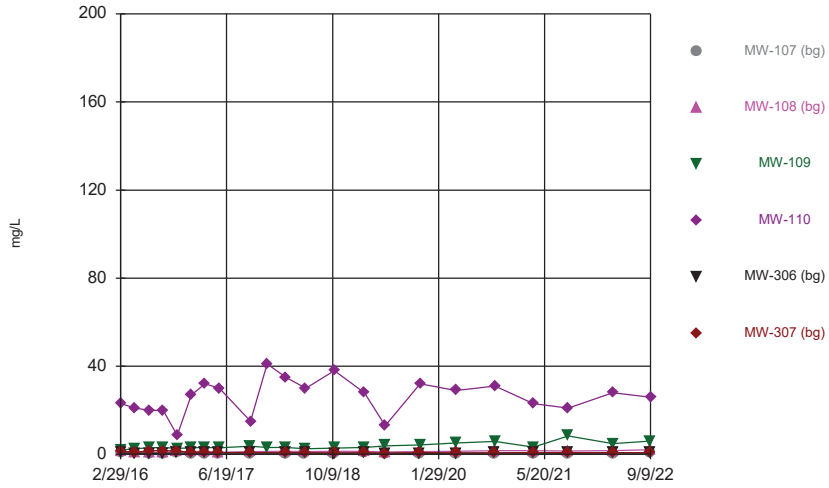


Constituent: Calcium Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Time Series

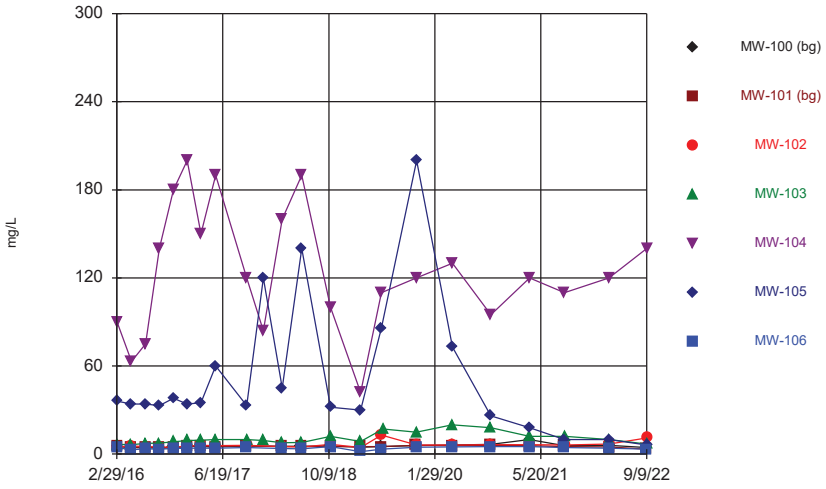


Constituent: Calcium Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Time Series

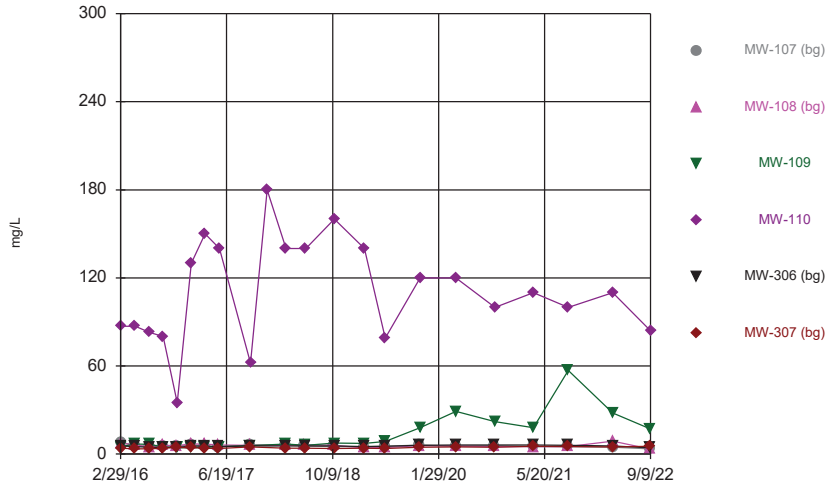


Constituent: Chloride Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Time Series

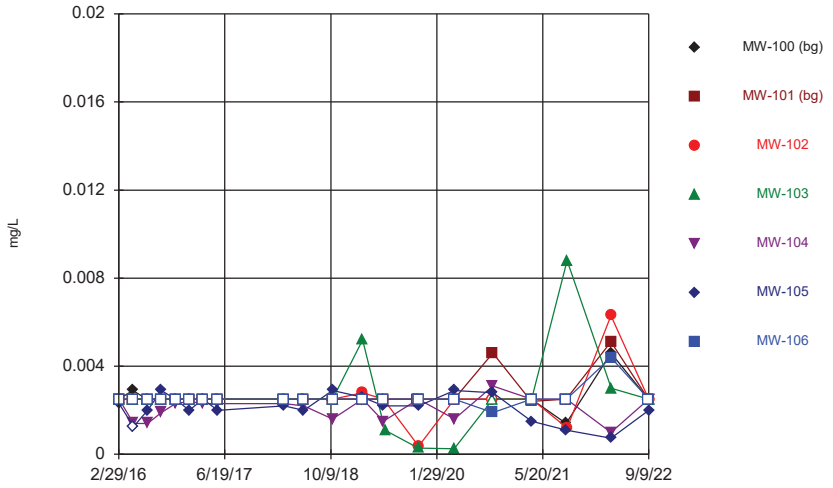


Constituent: Chloride Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

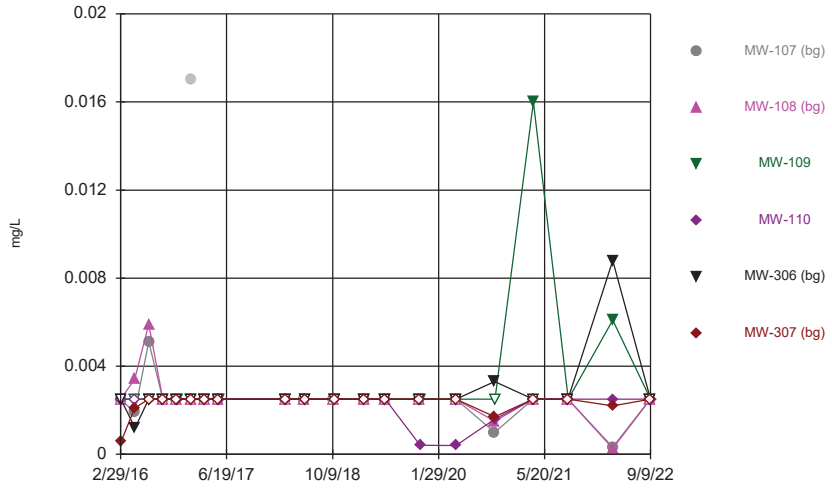
Time Series



Constituent: Chromium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

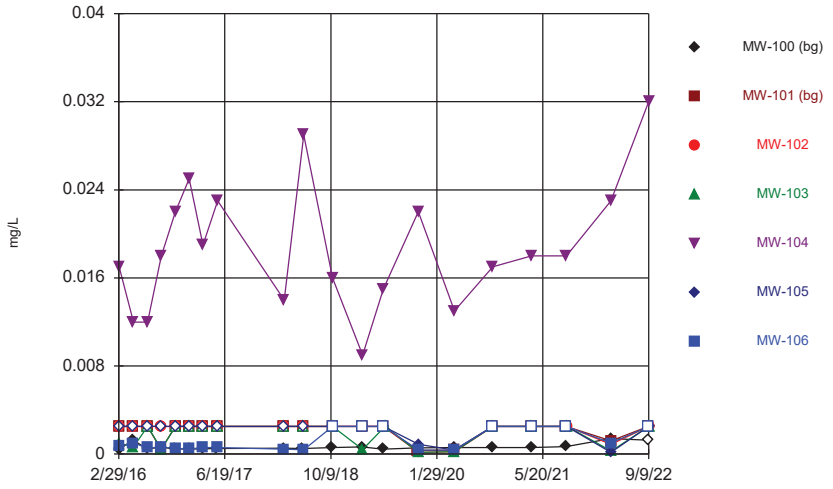
Time Series



Constituent: Chromium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

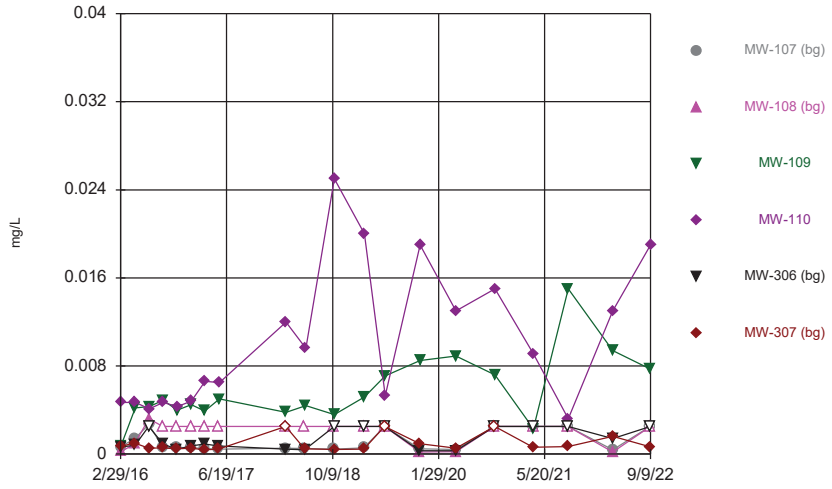
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

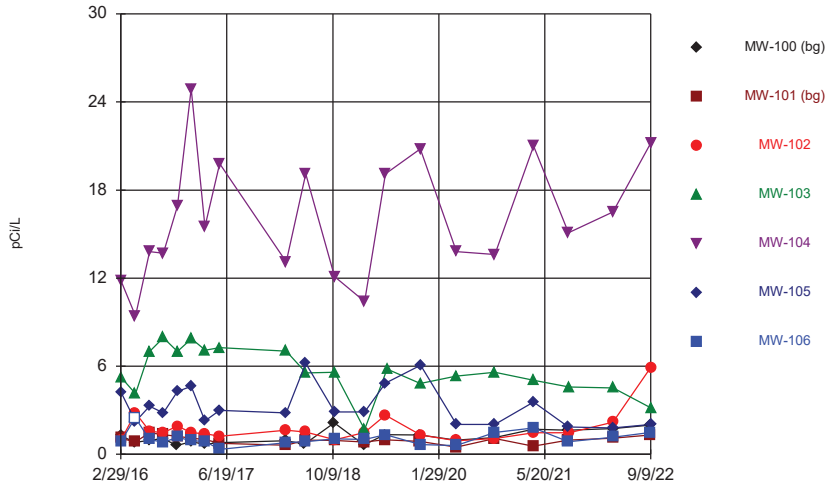
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

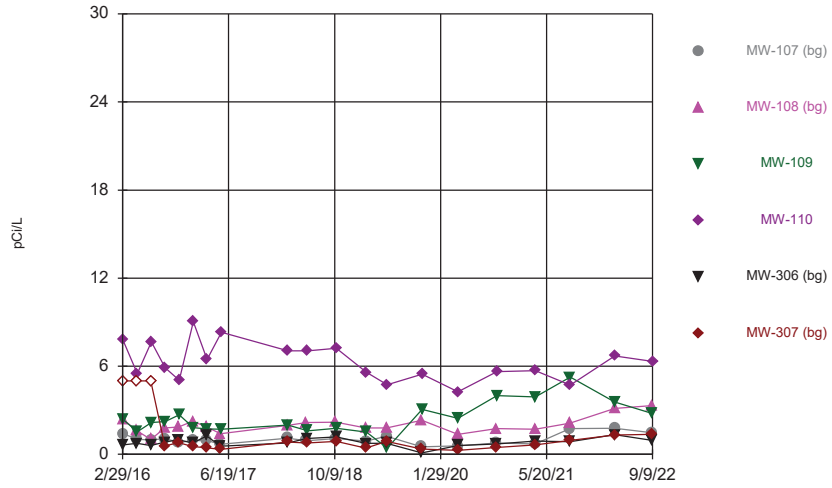
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

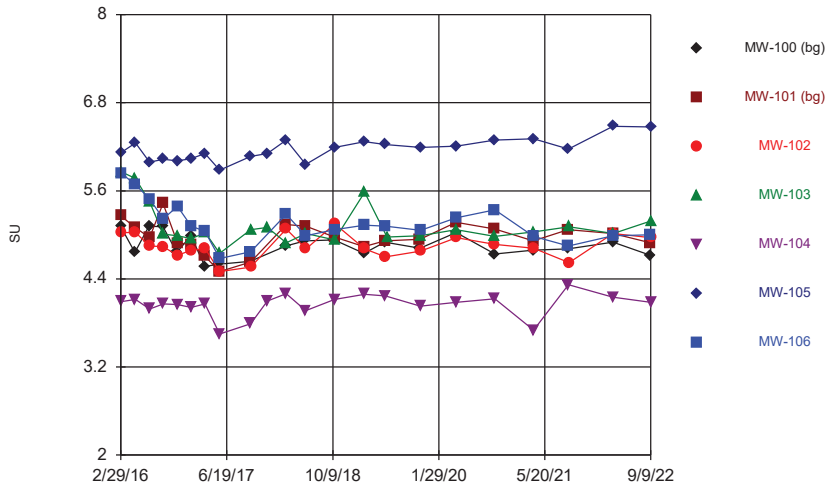
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

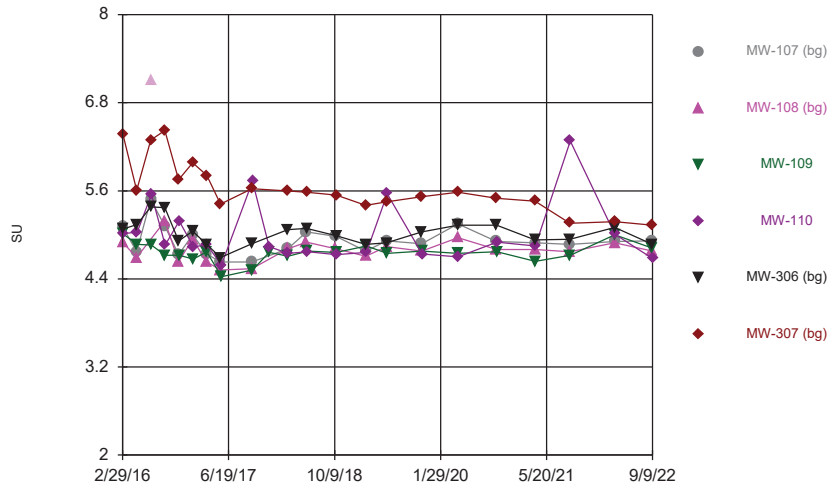
Time Series



Constituent: Field pH Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

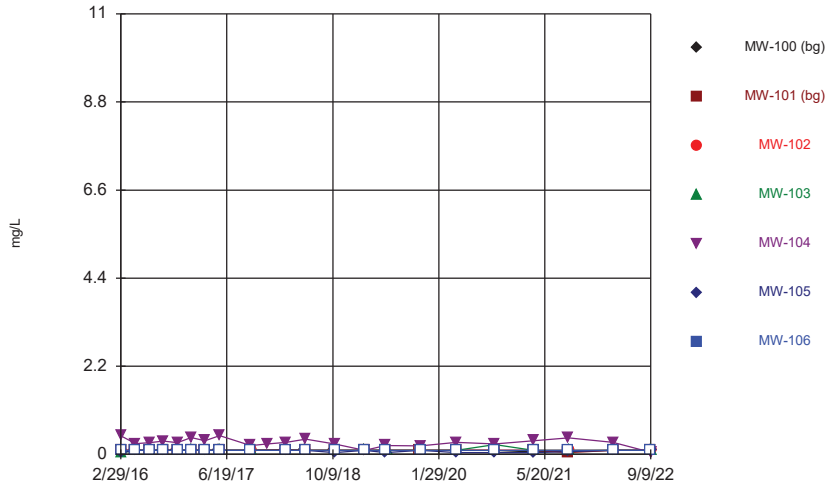
Time Series



Constituent: Field pH Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

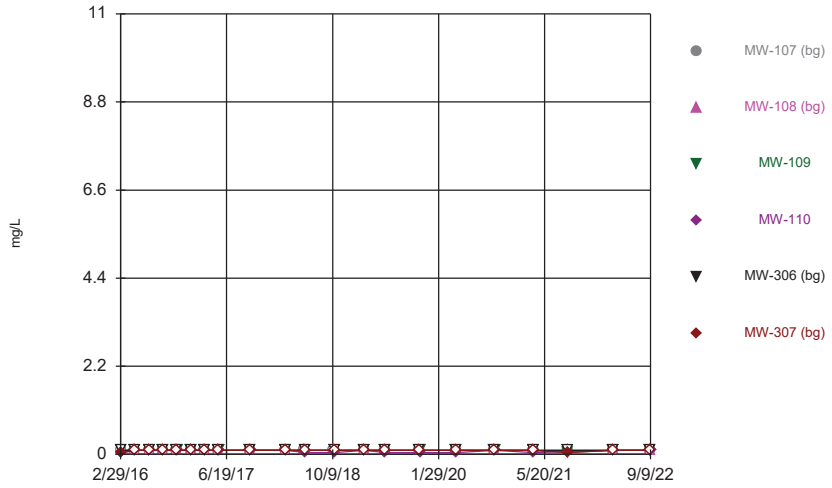
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

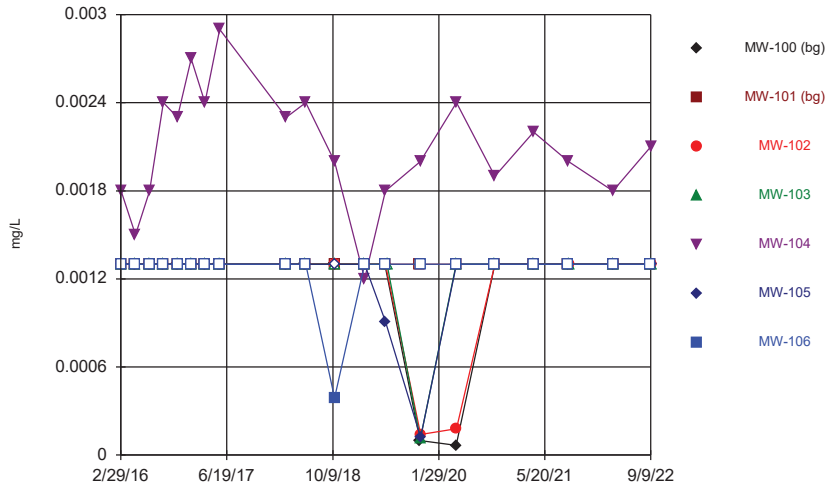
Time Series



Constituent: Fluoride Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

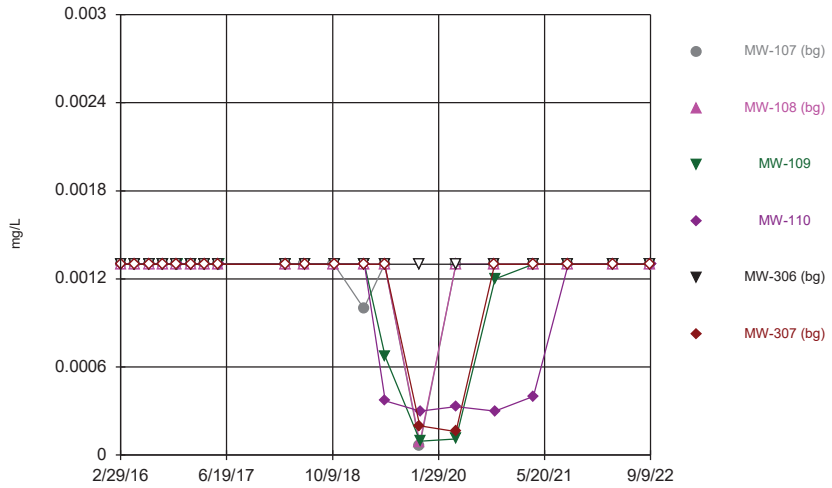
Time Series



Constituent: Lead Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

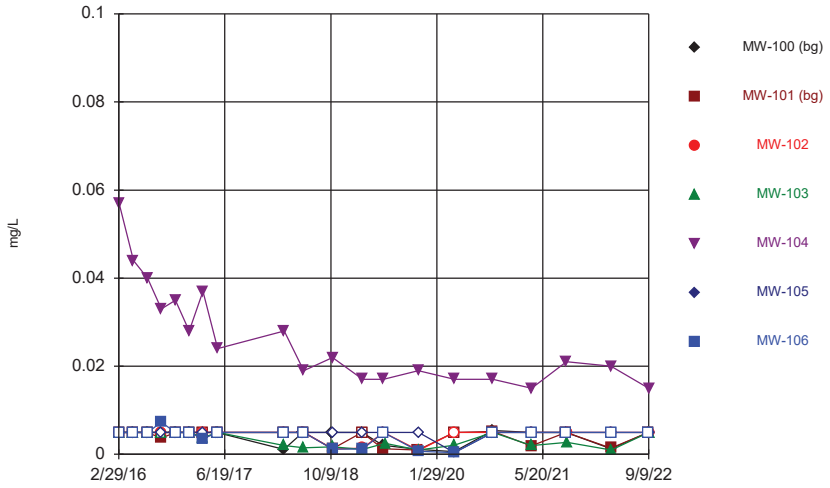
Time Series



Constituent: Lead Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

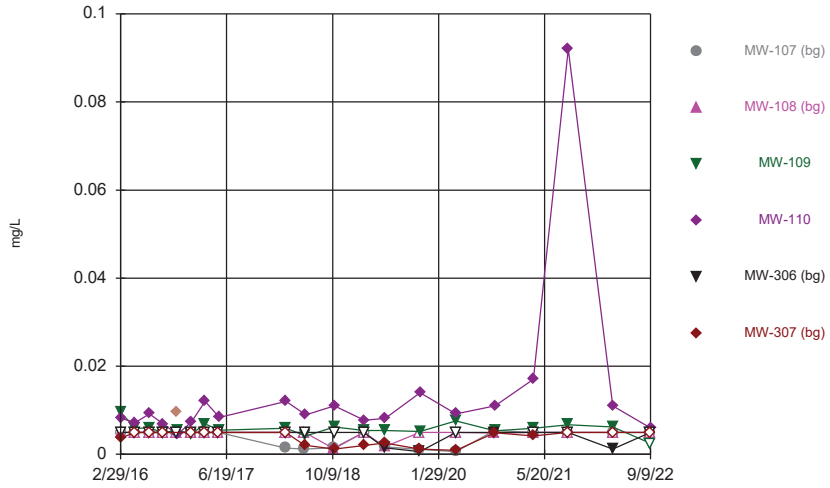
Time Series



Constituent: Lithium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

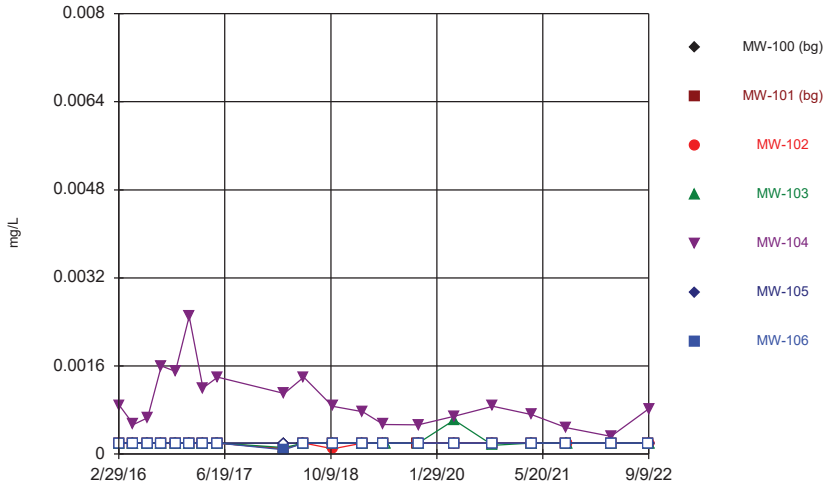
Time Series



Constituent: Lithium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

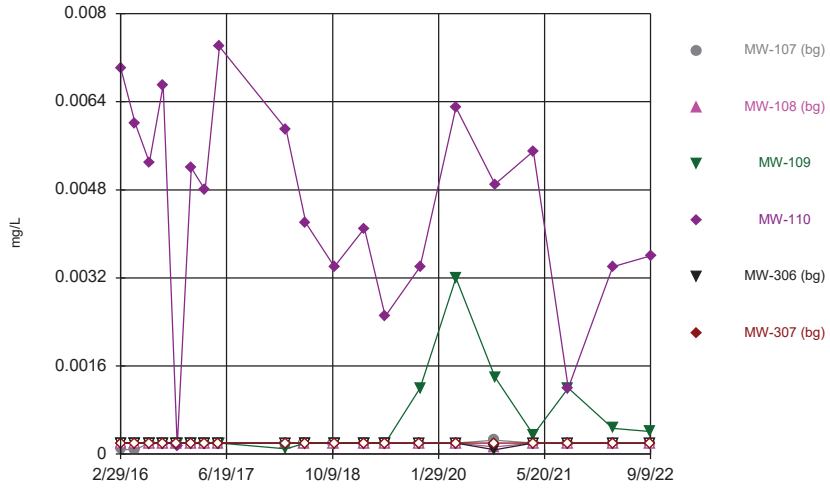
Time Series



Constituent: Mercury Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

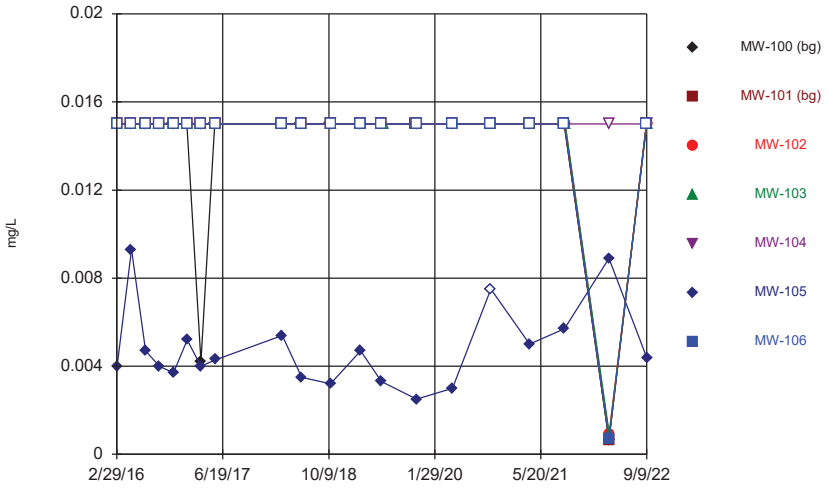
Time Series



Constituent: Mercury Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

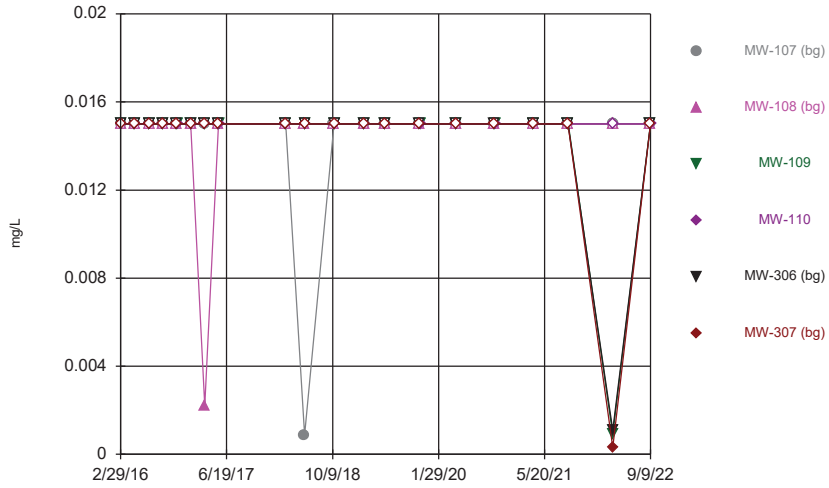
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

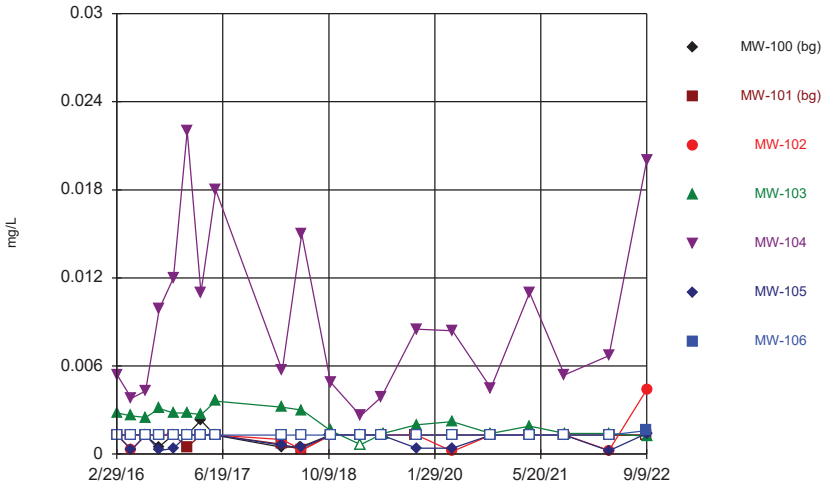
Time Series



Constituent: Molybdenum Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

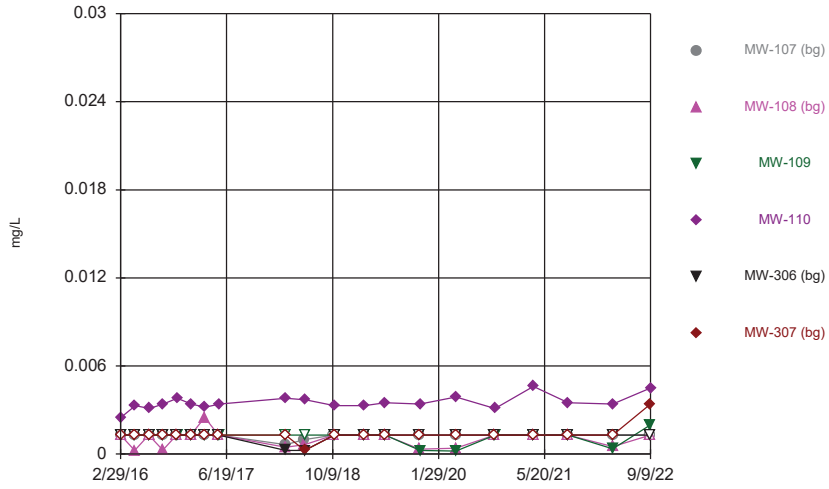
Time Series



Constituent: Selenium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

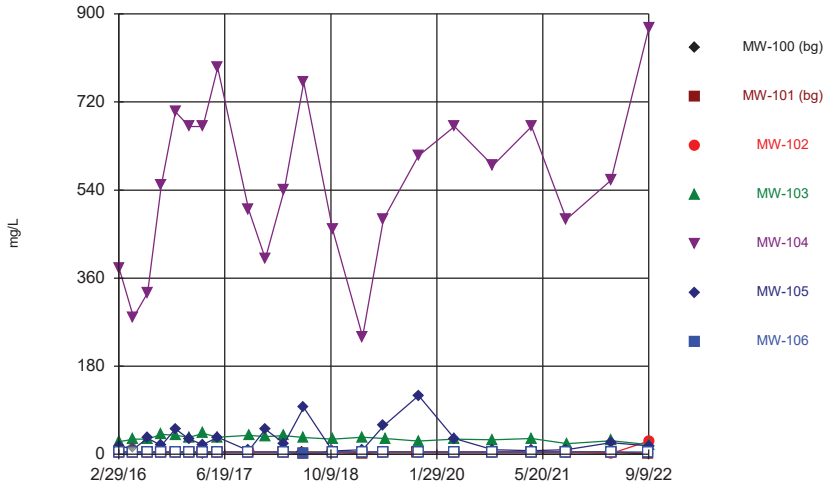
Time Series



Constituent: Selenium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

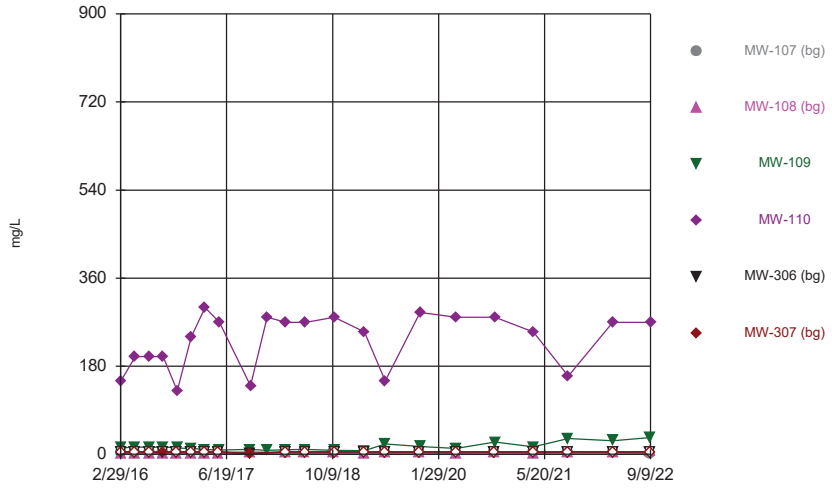
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

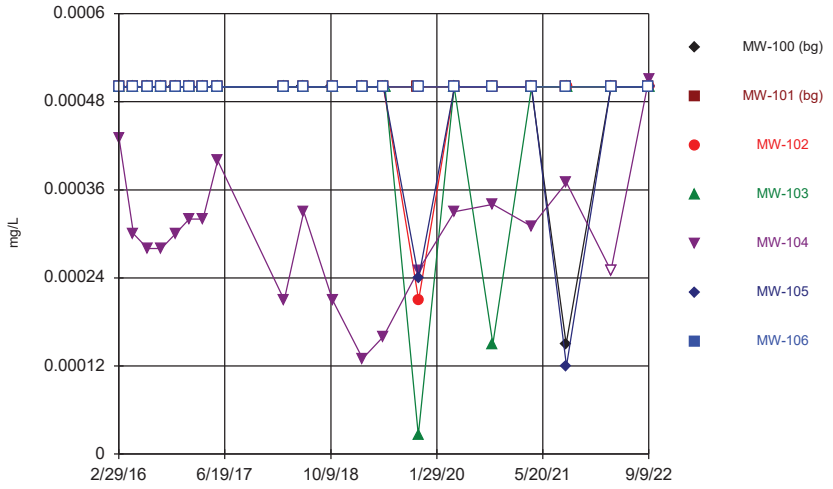
Time Series



Constituent: Sulfate Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

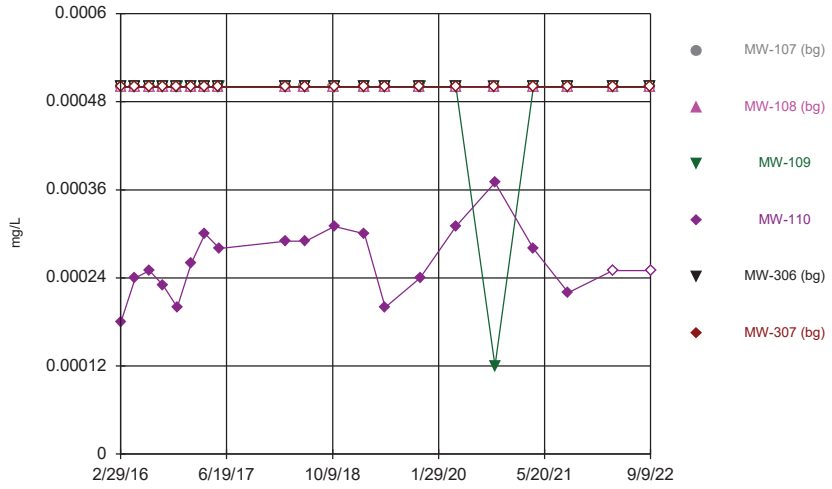
Time Series



Constituent: Thallium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

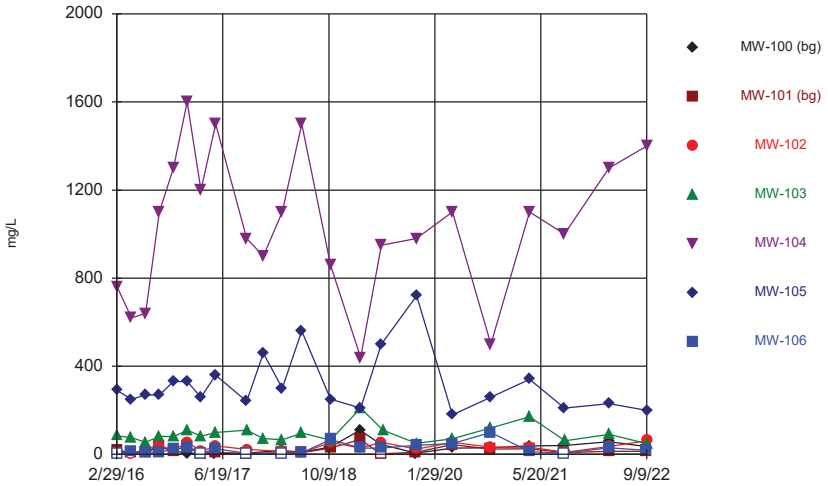
Time Series



Constituent: Thallium Analysis Run 1/12/2023 10:46 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

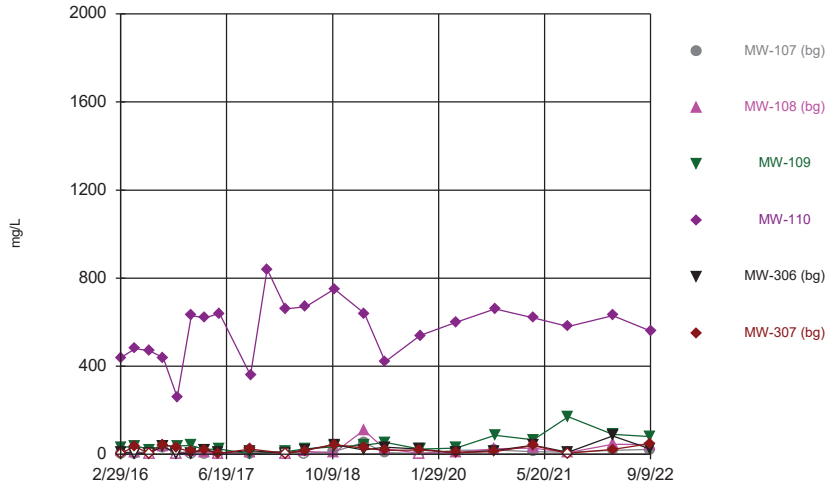
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:47 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:47 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0025	<0.0025					
3/1/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025						
5/4/2016		<0.0025					<0.0025
5/5/2016			<0.0025	<0.0025	<0.0025	<0.0025	
7/5/2016	<0.0025						
7/7/2016			<0.0025	<0.0025	<0.0025	<0.0025	
7/8/2016		<0.0025					<0.0025
9/6/2016	<0.0025	<0.0025	<0.0025				
9/7/2016				<0.0025	<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025						
11/9/2016					<0.0025	<0.0025	<0.0025
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	<0.0025						
1/11/2017		<0.0025			<0.0025	<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025			
3/13/2017	<0.0025						
3/14/2017		<0.0025			<0.0025	<0.0025	<0.0025
3/15/2017			<0.0025	<0.0025			
5/15/2017	<0.0025						
5/18/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/12/2018	<0.0025						
3/14/2018		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/5/2018	<0.0025						
6/10/2018		<0.0025			<0.0025	<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025			
10/16/2018	<0.0025						
10/18/2018		<0.0025					
2/27/2019	<0.0025	<0.0025					
3/1/2019					<0.0025	<0.0025	<0.0025
3/2/2019			<0.0025	<0.0025			
4/16/2020	<0.0025	<0.0025					
4/17/2020				<0.0025			<0.0025
4/18/2020			<0.0025		<0.0025	<0.0025	
10/7/2020	<0.0025	<0.0025					
10/8/2020			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/29/2021	<0.0025	<0.0025					
3/30/2021			<0.0025	<0.0025		<0.0025	<0.0025
3/31/2021					<0.0025		
9/2/2021	<0.0025	<0.0025					
9/3/2021					<0.0025	<0.0025	<0.0025
9/7/2021			<0.0025	<0.0025			
3/22/2022	<0.0025	<0.0025					
3/23/2022			<0.0025		<0.0025	<0.0025	<0.0025
3/24/2022				<0.0025			
9/7/2022	<0.0025	<0.0025					
9/8/2022							<0.0025
9/9/2022			<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0025	<0.0025				
3/1/2016					<0.0025	<0.0025
3/2/2016			<0.0025	<0.0025		
5/2/2016	<0.0025	<0.0025				<0.0025
5/3/2016					<0.0025	
5/5/2016			<0.0025	<0.0025		
7/5/2016	<0.0025	<0.0025			<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025		
9/6/2016	<0.0025	<0.0025			<0.0025	<0.0025
9/7/2016			<0.0025	<0.0025		
11/7/2016	<0.0025	<0.0025			<0.0025	<0.0025
11/10/2016			<0.0025	<0.0025		
1/9/2017	<0.0025	<0.0025			<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025		
3/13/2017	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2017			<0.0025			
3/15/2017				<0.0025		
5/15/2017	<0.0025	<0.0025			<0.0025	<0.0025
5/18/2017			<0.0025	<0.0025		
3/12/2018	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2018			<0.0025	<0.0025		
6/5/2018	<0.0025	<0.0025				
6/6/2018					<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025		
10/16/2018	<0.0025	<0.0025				
10/17/2018					<0.0025	<0.0025
2/27/2019	<0.0025	<0.0025			<0.0025	<0.0025
3/1/2019			<0.0025	<0.0025		
4/16/2020	<0.0025	<0.0025			<0.0025	<0.0025
4/17/2020			<0.0025	<0.0025		
10/7/2020	<0.0025	<0.0025			<0.0025	<0.0025
10/9/2020			<0.0025	<0.0025		
3/29/2021	<0.0025	<0.0025			<0.0025	<0.0025
3/31/2021			<0.0025	<0.0025		
9/2/2021	<0.0025	<0.0025			<0.0025	<0.0025
9/3/2021			<0.0025	<0.0025		
3/22/2022	<0.0025	<0.0025			<0.0025	<0.0025
3/23/2022			<0.0025	<0.0025		
9/7/2022	<0.0025					
9/8/2022		<0.0025	<0.0025		<0.0025	<0.0025
9/9/2022				<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0013	<0.0013					
3/1/2016			<0.0013	<0.0013	0.0085	0.0039 (J)	<0.0013
5/2/2016	<0.0013						
5/4/2016		<0.0013					<0.0013
5/5/2016			<0.0013	<0.0013	0.0077	0.0039	
7/5/2016	<0.0013						
7/7/2016			<0.0013	<0.0013	0.0082	0.0037	
7/8/2016		<0.0013					<0.0013
9/6/2016	<0.0013	<0.0013	<0.0013				
9/7/2016				<0.0013	0.012	0.0032	<0.0013
11/7/2016	<0.0013						
11/9/2016					0.0071	0.0038	<0.0013
11/10/2016		<0.0013	0.0005 (J)	0.00051 (J)			
1/9/2017	<0.0013						
1/11/2017		<0.0013			0.0071	0.0035	<0.0013
1/12/2017			<0.0013	<0.0013			
3/13/2017	0.00069 (J)						
3/14/2017		<0.0013			0.0067	0.0036	<0.0013
3/15/2017			<0.0013	<0.0013			
5/15/2017	<0.0013						
5/18/2017		<0.0013	<0.0013	<0.0013	0.0087	0.0036	<0.0013
3/12/2018	<0.0013						
3/14/2018		<0.0013	<0.0013	<0.0013	0.0027	0.0039	<0.0013
6/5/2018	<0.0013						
6/10/2018		0.00046 (J)			0.0047	0.0034	<0.0013
6/11/2018			<0.0013	<0.0013			
10/16/2018	<0.0013						
10/18/2018		<0.0013		<0.0013	0.0019	0.0044	<0.0013
10/19/2018			<0.0013				
2/27/2019	<0.0013	<0.0013					
3/1/2019					<0.0013	0.0047	<0.0013
3/2/2019			<0.0013	<0.0013			
5/31/2019	<0.0013	<0.0013					
6/3/2019			<0.0013		0.003	0.0045	<0.0013
6/11/2019				<0.0013			
11/6/2019	0.0002 (J)	0.00019 (J)					
11/7/2019				0.00019 (J)	8.9E-05 (J)		
11/9/2019			<0.0013			0.0045	<0.0013
4/16/2020	<0.0013	<0.0013					
4/17/2020				<0.0013			<0.0013
4/18/2020			<0.0013		0.0014	0.0054	
10/7/2020	<0.0013	0.00056 (J)					
10/8/2020			<0.0013	0.0021	0.0019	0.0046	<0.0013
3/29/2021	<0.0013	0.00078					
3/30/2021			<0.0013	<0.0013		0.0082	<0.0013
3/31/2021					0.00048		
9/2/2021	0.00059 (J)	<0.0013					
9/3/2021					0.00084 (J)	0.0096	<0.0013
9/7/2021			<0.0013	<0.0013			
3/22/2022	<0.0013	<0.0013					
3/23/2022			<0.0013		0.0018	0.0073	<0.0013
3/24/2022				<0.0013			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0013	<0.0013					
9/8/2022							<0.0013
9/9/2022			<0.0013	<0.0013	0.01	0.0048	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0013	<0.0013				
3/1/2016					<0.0013	0.00038 (J)
3/2/2016			<0.0013	<0.0013		
5/2/2016	<0.0013	<0.0013				0.00073 (J)
5/3/2016					<0.0013	
5/5/2016			<0.0013	0.00061 (J)		
7/5/2016	<0.0013	<0.0013			<0.0013	0.00077 (J)
7/7/2016			<0.0013	<0.0013		
9/6/2016	<0.0013	<0.0013			<0.0013	0.0013
9/7/2016			<0.0013	<0.0013		
11/7/2016	<0.0013	<0.0013			<0.0013	<0.0013
11/10/2016			<0.0013	0.00047 (J)		
1/9/2017	<0.0013	<0.0013			<0.0013	0.00053 (J)
1/12/2017			<0.0013	<0.0013		
3/13/2017	<0.0013	0.00069 (J)			<0.0013	<0.0013
3/14/2017			<0.0013			
3/15/2017				<0.0013		
5/15/2017	<0.0013	<0.0013			<0.0013	<0.0013
5/18/2017			<0.0013	0.00051 (J)		
3/12/2018	<0.0013	<0.0013			<0.0013	<0.0013
3/14/2018			<0.0013	0.00056 (J)		
6/5/2018	<0.0013	<0.0013				
6/6/2018					<0.0013	<0.0013
6/11/2018			<0.0013	0.0005 (J)		
10/16/2018	<0.0013	<0.0013				
10/17/2018					<0.0013	<0.0013
10/18/2018			<0.0013	<0.0013		
2/27/2019	<0.0013	<0.0013			<0.0013	<0.0013
3/1/2019			<0.0013	<0.0013		
5/31/2019	<0.0013	<0.0013			<0.0013	<0.0013
6/3/2019			<0.0013	<0.0013		
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	<0.0013	<0.0013			<0.0013	<0.0013
4/17/2020			<0.0013	0.00012 (J)		
10/7/2020	<0.0013	<0.0013			0.00064 (J)	<0.0013
10/9/2020			<0.0013	<0.0013		
3/29/2021	<0.0013	0.00054			<0.0013	0.00042
3/31/2021			0.0011	<0.0013		
9/2/2021	<0.0013	<0.0013			<0.0013	<0.0013
9/3/2021			0.00048 (J)	0.00063 (J)		
3/22/2022	<0.0013	0.00027			<0.0013	<0.0013
3/23/2022			<0.0013	<0.0013		
9/7/2022	<0.0013					
9/8/2022		<0.0013	<0.0013		<0.0013	<0.0013
9/9/2022				<0.0013		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	0.019	0.0092					
3/23/2022			0.013		0.03	0.027	0.012
3/24/2022				0.027			

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	0.019	0.0089					
9/8/2022							0.012
9/9/2022			0.03	0.018	0.035	0.024	

Time Series

Constituent: Barium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	0.01	0.012			0.013	0.018
3/23/2022			0.02	0.024		
9/7/2022	0.012					
9/8/2022		0.012	0.017		0.012	0.017
9/9/2022				0.023		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0025	<0.0025					
3/1/2016			<0.0025	<0.0025	0.0013 (J)	<0.0025	<0.0025
5/2/2016	<0.0025						
5/4/2016		<0.0025					<0.0025
5/5/2016			<0.0025	<0.0025	0.00088 (J)	<0.0025	
7/5/2016	<0.0025						
7/7/2016			<0.0025	<0.0025	0.001 (J)	<0.0025	
7/8/2016		<0.0025					<0.0025
9/6/2016	<0.0025	<0.0025	<0.0025				
9/7/2016				<0.0025	0.00078 (J)	<0.0025	<0.0025
11/7/2016	<0.0025						
11/9/2016					0.0012 (J)	<0.0025	<0.0025
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	<0.0025						
1/11/2017		<0.0025			0.0014 (J)	<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025			
3/13/2017	<0.0025						
3/14/2017		<0.0025			0.0013 (J)	<0.0025	<0.0025
3/15/2017			<0.0025	<0.0025			
5/15/2017	<0.0025						
5/18/2017		<0.0025	<0.0025	<0.0025	0.0016 (J)	<0.0025	<0.0025
3/12/2018	<0.0025						
3/14/2018		<0.0025	<0.0025	<0.0025	0.0011 (J)	<0.0025	<0.0025
6/5/2018	<0.0025						
6/10/2018		<0.0025			0.0011 (J)	<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025			
10/16/2018	<0.0025						
10/18/2018		<0.0025		<0.0025	0.00084 (J)	<0.0025	<0.0025
10/19/2018			<0.0025				
2/27/2019	<0.0025	<0.0025					
3/1/2019					0.00057 (J)	<0.0025	<0.0025
3/2/2019			<0.0025	<0.0025			
5/31/2019	<0.0025	<0.0025					
6/3/2019			<0.0025		0.00074 (J)	<0.0025	<0.0025
6/11/2019				<0.0025			
11/6/2019	9E-05 (J)	4.7E-05 (J)					
11/7/2019				<0.0025	0.00065		
11/9/2019			<0.0025			<0.0025	<0.0025
4/16/2020	5.4E-05 (J)	4.3E-05 (J)					
4/17/2020				<0.0025			<0.0025
4/18/2020			0.00011 (J)		0.00096	<0.0025	
10/7/2020	0.0014 (J)	0.0014 (J)					
10/8/2020			<0.0025	<0.0025	0.00039 (J)	<0.0025	<0.0025
3/29/2021	<0.0025	<0.0025					
3/30/2021			<0.0025	<0.0025		<0.0025	<0.0025
3/31/2021					0.0007		
9/2/2021	<0.0025	<0.0025					
9/3/2021					0.00076 (J)	<0.0025	<0.0025
9/7/2021			<0.0025	<0.0025			
3/22/2022	<0.0025	<0.0025					
3/23/2022			<0.0025		<0.0025	<0.0025	<0.0025
3/24/2022				<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0025	<0.0025					
9/8/2022							<0.0025
9/9/2022			<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0025	<0.0025				
3/1/2016					<0.0025	<0.0025
3/2/2016			<0.0025	<0.0025		
5/2/2016	<0.0025	<0.0025				<0.0025
5/3/2016					<0.0025	
5/5/2016			<0.0025	<0.0025		
7/5/2016	<0.0025	<0.0025			<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025		
9/6/2016	<0.0025	<0.0025			<0.0025	<0.0025
9/7/2016			<0.0025	<0.0025		
11/7/2016	<0.0025	<0.0025			<0.0025	<0.0025
11/10/2016			<0.0025	<0.0025		
1/9/2017	<0.0025	<0.0025			<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025		
3/13/2017	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2017			<0.0025			
3/15/2017				<0.0025		
5/15/2017	<0.0025	<0.0025			<0.0025	<0.0025
5/18/2017			<0.0025	<0.0025		
3/12/2018	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2018			<0.0025	<0.0025		
6/5/2018	<0.0025	<0.0025				
6/6/2018					<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025		
10/16/2018	<0.0025	<0.0025				
10/17/2018					<0.0025	<0.0025
10/18/2018			<0.0025	<0.0025		
2/27/2019	<0.0025	<0.0025			<0.0025	<0.0025
3/1/2019			<0.0025	<0.0025		
5/31/2019	<0.0025	<0.0025			<0.0025	<0.0025
6/3/2019			<0.0025	<0.0025		
11/6/2019	6.6E-05 (J)	<0.0025			<0.0025	<0.0025
11/7/2019			<0.0025	8.4E-05 (J)		
4/16/2020	6.1E-05 (J)	<0.0025			<0.0025	<0.0025
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			<0.0025	<0.0025		
3/29/2021	<0.0025	<0.0025			<0.0025	<0.0025
3/31/2021			<0.0025	<0.0025		
9/2/2021	<0.0025	<0.0025			<0.0025	<0.0025
9/3/2021			<0.0025	<0.0025		
3/22/2022	<0.0025	<0.0025			<0.0025	<0.0025
3/23/2022			<0.0025	<0.0025		
9/7/2022	<0.0025					
9/8/2022		<0.0025	<0.0025		<0.0025	<0.0025
9/9/2022				<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL 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	<0.05					
3/1/2016			<0.05	<0.05 (*)	8.7	<0.32 (*)	<0.018
5/2/2016	<0.018						
5/4/2016		<0.05					<0.018 (*)
5/5/2016			<0.05	<0.05 (*)	7.8	<0.32 (*)	
7/5/2016	<0.018						
7/7/2016			<0.05	0.33	7	1	
7/8/2016		<0.05					<0.018
9/6/2016	<0.018	<0.05	<0.05				
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		<0.05	<0.05	0.43			
1/9/2017	<0.018						
1/11/2017		<0.05			11	0.9	<0.018
1/12/2017			<0.05	0.44			
3/13/2017	<0.018						
3/14/2017		<0.05			10	0.63	0.071
3/15/2017			<0.05	0.46			
5/15/2017	<0.018						
5/18/2017		<0.05	<0.05	0.44	15	1.5	<0.018 (*)
10/2/2017	<0.018						
10/5/2017		<0.05			12	0.32	<0.018
10/6/2017			<0.05	0.37			
12/19/2017				0.35 (R)	11 (R)	1.6 (R)	
3/12/2018	<0.018						
3/14/2018		<0.05	<0.05	0.32	11	0.7	<0.018
6/5/2018	<0.018						
6/10/2018		<0.05			12	2.4	0.066
6/11/2018			<0.05	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	<0.05					
3/1/2019					6.5	0.4	0.048 (J)
3/2/2019			<0.05	<0.05			
5/31/2019	<0.018	<0.05					
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	<0.05					
10/8/2020			0.033 (J)	0.31	12	0.37	0.031 (J)
3/29/2021	<0.018	<0.05					
3/30/2021			<0.05	0.23		0.22	<0.018
3/31/2021					8.9		
9/2/2021	0.021 (J)	<0.05					
9/3/2021					8.7	0.2	0.021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<0.05	0.19			
3/22/2022	0.013	0.012					
3/23/2022			0.017		8.7	0.23	0.0074 (J)
3/24/2022				0.2			
9/7/2022	0.031 (J)	0.029 (J)					
9/8/2022							0.097
9/9/2022			0.13	0.22	14	0.5	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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					<0.05	<0.05
3/2/2016			<0.05 (*)	3		
5/2/2016	<0.018	<0.018				<0.05
5/3/2016					<0.05	
5/5/2016			<0.05 (*)	2.9		
7/5/2016	<0.018	<0.018			<0.05	<0.05
7/7/2016			0.1	3		
9/6/2016	<0.018	<0.018			<0.05	<0.05
9/7/2016			0.073	3.8		
11/7/2016	<0.018	<0.018			<0.05	<0.05
11/10/2016			0.073	2.1		
1/9/2017	<0.018	<0.018			<0.05	<0.05
1/12/2017			0.059	4		
3/13/2017	<0.018	0.022 (J)			<0.05	<0.05
3/14/2017			0.044 (J)			
3/15/2017				4.2		
5/15/2017	<0.018	<0.018			<0.05	<0.05
5/18/2017			<0.05 (*)	4.4		
10/2/2017	<0.018	0.023 (J)			<0.05	<0.05
10/5/2017			0.047 (J)			
10/6/2017				2.3		
12/19/2017				5.3 (R)		
3/12/2018	<0.018	<0.018			<0.05	<0.05
3/14/2018			<0.05	4.6		
6/5/2018	<0.018	<0.018				
6/6/2018					<0.05	<0.05
6/11/2018			0.11	4.2		
10/16/2018	<0.018	<0.018				
10/17/2018					<0.05	<0.05
10/18/2018			0.15	4.3		
2/27/2019	<0.018	<0.018			<0.05	<0.05
3/1/2019			0.23	3.8		
5/31/2019	<0.018	<0.018			<0.05	<0.05
6/3/2019			0.45	3		
11/6/2019	0.016 (V)	0.022 (V)			0.011 (V)	0.0099 (J)
11/7/2019			0.42	4.2		
4/16/2020	0.013	0.017			0.0075 (J)	0.0055 (J)
4/17/2020			0.83	4.6		
10/7/2020	<0.018	<0.018			<0.05	<0.05
10/9/2020			0.37	4.8		
3/29/2021	<0.018	<0.018			<0.05	<0.05
3/31/2021			0.2	3.8		
9/2/2021	0.018 (J)	0.022 (J)			<0.05	<0.05
9/3/2021			0.77	3.3		
3/22/2022	0.013	0.017			0.009 (J)	0.0063 (J)
3/23/2022			0.36	4.5		
9/7/2022	0.031 (J)					
9/8/2022		0.055	0.45		0.027 (J)	0.025 (J)
9/9/2022				4.4		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0025	<0.0025					
3/1/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2016	<0.0025						
5/4/2016		<0.0025					<0.0025
5/5/2016			<0.0025	<0.0025	<0.0025	<0.0025	
7/5/2016	<0.0025						
7/7/2016			<0.0025	<0.0025	<0.0025	<0.0025	
7/8/2016		<0.0025					<0.0025
9/6/2016	<0.0025	<0.0025	<0.0025				
9/7/2016				<0.0025	<0.0025	<0.0025	<0.0025
11/7/2016	<0.0025						
11/9/2016					<0.0025	<0.0025	<0.0025
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	<0.0025						
1/11/2017		<0.0025			0.00049 (J)	<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025			
3/13/2017	<0.0025						
3/14/2017		<0.0025			<0.0025	<0.0025	<0.0025
3/15/2017			<0.0025	<0.0025			
5/15/2017	<0.0025						
5/18/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/12/2018	<0.0025						
3/14/2018		<0.0025	<0.0025	<0.0025	0.00052 (J)	<0.0025	<0.0025
6/5/2018	<0.0025						
6/10/2018		<0.0025			0.00049 (J)	<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025			
10/16/2018	<0.0025						
10/18/2018		<0.0025		<0.0025	0.00044 (J)	<0.0025	<0.0025
10/19/2018			<0.0025				
2/27/2019	<0.0025	<0.0025					
3/1/2019					0.00038 (J)	<0.0025	<0.0025
3/2/2019			<0.0025	<0.0025			
5/31/2019	<0.0025	<0.0025					
6/3/2019			<0.0025		0.0006 (J)	<0.0025	<0.0025
6/11/2019				<0.0025			
11/6/2019	<0.0025	<0.0025					
11/7/2019				<0.0025	0.00075		
11/9/2019			<0.0025			<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025					
4/17/2020				<0.0025			<0.0025
4/18/2020			<0.0025		0.00037 (J)	<0.0025	
10/7/2020	<0.0025	<0.0025					
10/8/2020			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/29/2021	<0.0025	<0.0025					
3/30/2021			<0.0025	<0.0025		<0.0025	<0.0025
3/31/2021					0.00056		
9/2/2021	<0.0025	<0.0025					
9/3/2021					0.00061 (J)	<0.0025	<0.0025
9/7/2021			<0.0025	<0.0025			
3/22/2022	<0.0025	<0.0025					
3/23/2022			<0.0025		<0.0025	<0.0025	<0.0025
3/24/2022				<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0025	<0.0025					
9/8/2022							<0.0025
9/9/2022			<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0025	<0.0025				
3/1/2016					<0.0025	<0.0025
3/2/2016			<0.0025	<0.0025		
5/2/2016	<0.0025	<0.0025				<0.0025
5/3/2016					<0.0025	
5/5/2016			<0.0025	<0.0025		
7/5/2016	<0.0025	<0.0025			<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025		
9/6/2016	<0.0025	<0.0025			<0.0025	<0.0025
9/7/2016			<0.0025	<0.0025		
11/7/2016	<0.0025	<0.0025			<0.0025	<0.0025
11/10/2016			<0.0025	<0.0025		
1/9/2017	<0.0025	<0.0025			<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025		
3/13/2017	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2017			<0.0025			
3/15/2017				<0.0025		
5/15/2017	<0.0025	<0.0025			<0.0025	<0.0025
5/18/2017			<0.0025	<0.0025		
3/12/2018	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2018			<0.0025	<0.0025		
6/5/2018	<0.0025	<0.0025				
6/6/2018					<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025		
10/16/2018	<0.0025	<0.0025				
10/17/2018					<0.0025	<0.0025
10/18/2018			<0.0025	<0.0025		
2/27/2019	<0.0025	<0.0025			<0.0025	<0.0025
3/1/2019			<0.0025	<0.0025		
5/31/2019	<0.0025	<0.0025			<0.0025	<0.0025
6/3/2019			<0.0025	<0.0025		
11/6/2019	<0.0025	<0.0025			<0.0025	<0.0025
11/7/2019			7.8E-05 (J)	0.00032 (J)		
4/16/2020	<0.0025	<0.0025			<0.0025	<0.0025
4/17/2020			<0.0025	0.00011 (J)		
10/7/2020	<0.0025	<0.0025			<0.0025	<0.0025
10/9/2020			<0.0025	<0.0025		
3/29/2021	<0.0025	<0.0025			<0.0025	<0.0025
3/31/2021			<0.0025	<0.0025		
9/2/2021	<0.0025	<0.0025			<0.0025	<0.0025
9/3/2021			<0.0025	<0.0025		
3/22/2022	<0.0025	<0.0025			<0.0025	<0.0025
3/23/2022			<0.0025	<0.0025		
9/7/2022	<0.0025					
9/8/2022		<0.0025	<0.0025		<0.0025	<0.0025
9/9/2022				<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	0.9	0.38					
3/23/2022			2		71	62	0.48
3/24/2022				3.6			
9/7/2022	1	0.6					
9/8/2022							1.6
9/9/2022			12	3.3	110	57	

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	0.33	1.6			0.81	0.7
3/23/2022			4.8	28		
9/7/2022	0.61					
9/8/2022		2.1	6		0.69	0.82
9/9/2022				26		

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	5.9	4.9					
3/23/2022			6.9		120	10	4.1
3/24/2022				9.8			
9/7/2022	4.4	3.4					
9/8/2022							3.3
9/9/2022			11	6.9	140	6.2	

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	4.7	8.8			5.6	4.8
3/23/2022			28	110		
9/7/2022	3.6					
9/8/2022		3.4	17		4.3	5.3
9/9/2022				84		

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0025	<0.0025					
3/1/2016			<0.0025	<0.0025	<0.0025	0.0023 (J)	<0.0025
5/2/2016	0.0029						
5/4/2016		<0.0025					<0.0025
5/5/2016			<0.0025	<0.0025	0.0014 (J)	<0.0025	
7/5/2016	<0.0025						
7/7/2016			<0.0025	<0.0025	0.0014 (J)	0.002 (J)	
7/8/2016		<0.0025					<0.0025
9/6/2016	<0.0025	<0.0025	<0.0025				
9/7/2016				<0.0025	0.0019 (J)	0.0029	<0.0025
11/7/2016	<0.0025						
11/9/2016					0.0023 (J)	0.0025	<0.0025
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	<0.0025						
1/11/2017		<0.0025			0.0024 (J)	0.002 (J)	<0.0025
1/12/2017			<0.0025	<0.0025			
3/13/2017	<0.0025						
3/14/2017		<0.0025			0.0023 (J)	0.0025	<0.0025
3/15/2017			<0.0025	<0.0025			
5/15/2017	<0.0025						
5/18/2017		<0.0025	<0.0025	<0.0025	0.0023 (J)	0.002 (J)	<0.0025
3/12/2018	<0.0025						
3/14/2018		<0.0025	<0.0025	<0.0025	0.0023 (J)	0.0022 (J)	<0.0025
6/5/2018	<0.0025						
6/10/2018		<0.0025			0.0022 (J)	0.002 (J)	<0.0025
6/11/2018			<0.0025	<0.0025			
10/16/2018	<0.0025						
10/18/2018		<0.0025		<0.0025	0.0016 (J)	0.0029	<0.0025
10/19/2018			<0.0025				
2/27/2019	<0.0025	<0.0025					
3/1/2019					<0.0025	0.0026	<0.0025
3/2/2019			0.0028	0.0052			
5/31/2019	<0.0025	<0.0025					
6/3/2019			<0.0025		0.0015 (J)	0.0022 (J)	<0.0025
6/11/2019				0.0011 (J)			
11/6/2019	<0.0025	<0.0025					
11/7/2019				0.00028 (J)	<0.0025		
11/9/2019			0.00037 (J)			0.0022 (J)	<0.0025
4/16/2020	<0.0025	<0.0025					
4/17/2020				0.00026 (J)			<0.0025
4/18/2020			<0.0025		0.0016	0.0029	
10/7/2020	<0.0025	0.0046					
10/8/2020			<0.0025	<0.0025	0.0031	0.0028	0.0019 (J)
3/29/2021	<0.0025	0.0024					
3/30/2021			<0.0025	<0.0025		0.0015	<0.0025
3/31/2021					<0.0025		
9/2/2021	0.0014 (J)	<0.0025					
9/3/2021					0.0025	0.0011 (J)	<0.0025
9/7/2021			0.0012 (J)	0.0088			
3/22/2022	0.0046	0.0051					
3/23/2022			0.0063		0.001 (J)	0.00073	0.0044
3/24/2022				0.003			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0025	<0.0025					
9/8/2022							<0.0025
9/9/2022			<0.0025	<0.0025	<0.0025	0.002 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0025	<0.0025				
3/1/2016					<0.0025	0.00056 (J)
3/2/2016			<0.0025	<0.0025		
5/2/2016	0.0019 (J)	0.0034				0.0021 (J)
5/3/2016					0.0012 (J)	
5/5/2016			<0.0025	<0.0025		
7/5/2016	0.0051	0.0059			<0.0025	<0.0025
7/7/2016			<0.0025	<0.0025		
9/6/2016	<0.0025	<0.0025			<0.0025	<0.0025
9/7/2016			<0.0025	<0.0025		
11/7/2016	<0.0025	<0.0025			<0.0025	<0.0025
11/10/2016			<0.0025	<0.0025		
1/9/2017	0.017 (o)	<0.0025			<0.0025	<0.0025
1/12/2017			<0.0025	<0.0025		
3/13/2017	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2017			<0.0025			
3/15/2017				<0.0025		
5/15/2017	<0.0025	<0.0025			<0.0025	<0.0025
5/18/2017			<0.0025	<0.0025		
3/12/2018	<0.0025	<0.0025			<0.0025	<0.0025
3/14/2018			<0.0025	<0.0025		
6/5/2018	<0.0025	<0.0025				
6/6/2018					<0.0025	<0.0025
6/11/2018			<0.0025	<0.0025		
10/16/2018	<0.0025	<0.0025				
10/17/2018					<0.0025	<0.0025
10/18/2018			<0.0025	<0.0025		
2/27/2019	<0.0025	<0.0025			<0.0025	<0.0025
3/1/2019			<0.0025	<0.0025		
5/31/2019	<0.0025	<0.0025			<0.0025	<0.0025
6/3/2019			<0.0025	<0.0025		
11/6/2019	<0.0025	<0.0025			<0.0025	<0.0025
11/7/2019			<0.0025	0.00042 (J)		
4/16/2020	<0.0025	<0.0025			<0.0025	<0.0025
4/17/2020			<0.0025	0.0004 (J)		
10/7/2020	0.001 (J)	0.0015 (J)			0.0033	0.0017 (J)
10/9/2020			<0.0025	0.0016 (J)		
3/29/2021	<0.0025	<0.0025			<0.0025	<0.0025
3/31/2021			0.016	<0.0025		
9/2/2021	<0.0025	<0.0025			<0.0025	<0.0025
9/3/2021			<0.0025	<0.0025		
3/22/2022	0.00032 (J)	0.00027 (J)			0.0088	0.0022
3/23/2022			0.0061	0.0025		
9/7/2022	<0.0025					
9/8/2022		<0.0025	<0.0025		<0.0025	<0.0025
9/9/2022				<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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)	<0.0025					
3/1/2016			<0.0025	0.001 (J)	0.017	<0.0025	0.0007 (J)
5/2/2016	0.0013 (J)						
5/4/2016		<0.0025					0.001 (J)
5/5/2016			<0.0025	0.00064 (J)	0.012	<0.0025	
7/5/2016	0.00049 (J)						
7/7/2016			<0.0025	<0.0025	0.012	<0.0025	
7/8/2016		<0.0025					0.00057 (J)
9/6/2016	0.00062 (J)	0.00042 (J)	<0.0025				
9/7/2016				0.00044 (J)	0.018	<0.0025	0.00061 (J)
11/7/2016	0.00049 (J)						
11/9/2016					0.022	<0.0025	0.00055 (J)
11/10/2016		<0.0025	<0.0025	<0.0025			
1/9/2017	0.00045 (J)						
1/11/2017		<0.0025			0.025	<0.0025	0.00045 (J)
1/12/2017			<0.0025	<0.0025			
3/13/2017	0.00048 (J)						
3/14/2017		<0.0025			0.019	<0.0025	0.00059 (J)
3/15/2017			<0.0025	<0.0025			
5/15/2017	0.00052 (J)						
5/18/2017		<0.0025	<0.0025	<0.0025	0.023	<0.0025	0.00059 (J)
3/12/2018	0.00055 (J)						
3/14/2018		<0.0025	<0.0025	<0.0025	0.014	<0.0025	0.00044 (J)
6/5/2018	0.00051 (J)						
6/10/2018		<0.0025			0.029	<0.0025	0.0004 (J)
6/11/2018			<0.0025	<0.0025			
10/16/2018	0.00058 (J)						
10/18/2018		<0.0025		<0.0025	0.016	<0.0025	<0.0025
10/19/2018			<0.0025				
2/27/2019	0.00065 (J)	<0.0025					
3/1/2019					0.009	<0.0025	<0.0025
3/2/2019			<0.0025	0.00041 (J)			
5/31/2019	0.00046 (J)	<0.0025					
6/3/2019			<0.0025		0.015	<0.0025	<0.0025
6/11/2019				<0.0025			
11/6/2019	0.00056 (J)	0.00033 (J)					
11/7/2019				0.00015 (J)	0.022		
11/9/2019			0.00016 (J)			0.00087 (J)	0.00036 (J)
4/16/2020	0.00058	0.00035 (J)					
4/17/2020				0.00021 (J)			0.00036 (J)
4/18/2020			0.00023 (J)		0.013	0.00037 (J)	
10/7/2020	0.0006 (J)	<0.0025					
10/8/2020			<0.0025	<0.0025	0.017	<0.0025	<0.0025
3/29/2021	0.00059	<0.0025					
3/30/2021			<0.0025	<0.0025		<0.0025	<0.0025
3/31/2021					0.018		
9/2/2021	0.00069 (J)	<0.0025					
9/3/2021					0.018	<0.0025	<0.0025
9/7/2021			<0.0025	<0.0025			
3/22/2022	0.0014	0.0012					
3/23/2022			0.00088		0.023	0.00017 (J)	0.00099
3/24/2022				0.00026 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0025	<0.0025					
9/8/2022							<0.0025
9/9/2022			<0.0025	<0.0025	0.032	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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			<0.0025	0.00055 (J)
7/7/2016			0.0043	0.0041		
9/6/2016	0.00062 (J)	<0.0025			0.00094 (J)	0.00057 (J)
9/7/2016			0.0049	0.0047		
11/7/2016	0.00058 (J)	<0.0025			0.00041 (J)	0.00047 (J)
11/10/2016			0.004	0.0043		
1/9/2017	0.00059 (J)	<0.0025			0.00074 (J)	0.00054 (J)
1/12/2017			0.0045	0.0048		
3/13/2017	0.0005 (J)	<0.0025			0.00091 (J)	0.0004 (J)
3/14/2017			0.0039			
3/15/2017				0.0066		
5/15/2017	0.00046 (J)	<0.0025			0.00075 (J)	0.00046 (J)
5/18/2017			0.005	0.0065		
3/12/2018	0.00055 (J)	<0.0025			0.00044 (J)	<0.0025
3/14/2018			0.0038	0.012		
6/5/2018	0.00052 (J)	<0.0025				
6/6/2018					0.0004 (J)	0.00048 (J)
6/11/2018			0.0044	0.0096		
10/16/2018	0.00045 (J)	<0.0025				
10/17/2018					<0.0025	0.00043 (J)
10/18/2018			0.0036	0.025		
2/27/2019	0.00056 (J)	<0.0025			<0.0025	0.00045 (J)
3/1/2019			0.0052	0.02		
5/31/2019	<0.0025	<0.0025			<0.0025	<0.0025
6/3/2019			0.0071	0.0053		
11/6/2019	0.00048 (J)	0.00019 (J)			0.00029 (J)	0.00094 (J)
11/7/2019			0.0085	0.019		
4/16/2020	0.00043 (J)	0.00021 (J)			0.00029 (J)	0.00053
4/17/2020			0.0089	0.013		
10/7/2020	<0.0025	<0.0025			<0.0025	<0.0025
10/9/2020			0.0072	0.015		
3/29/2021	<0.0025	<0.0025			<0.0025	0.00062
3/31/2021			0.0023	0.0091		
9/2/2021	<0.0025	<0.0025			<0.0025	0.00069 (J)
9/3/2021			0.015	0.0032		
3/22/2022	0.00038 (J)	0.0002 (J)			0.0014	0.0016
3/23/2022			0.0094	0.013		
9/7/2022	<0.0025					
9/8/2022		<0.0025	0.0077		<0.0025	0.00064 (J)
9/9/2022				0.019		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	1.75	1.1					
3/23/2022			2.18		16.5	1.79	1.17
3/24/2022				4.52			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	2	1.32					
9/8/2022							1.49
9/9/2022			5.92	3.16	21.2	2.04	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	1.78	3.12			1.33	1.32
3/23/2022			3.57	6.71		
9/7/2022	1.46					
9/8/2022		3.32	2.78		0.936	1.36
9/9/2022				6.33		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:47 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL 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 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	4.9	5.02					
3/23/2022			5.02		4.15	6.48	4.99
3/24/2022				5.02			
9/7/2022	4.72	4.89					
9/8/2022							5
9/9/2022			4.96	5.19	4.08	6.47	

Time Series

Constituent: Field pH (SU) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022	4.91	4.89			5.1	5.18
3/23/2022			5	5.01		
9/7/2022	4.92					
9/8/2022		4.78	4.82		4.87	5.13
9/9/2022				4.68		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.1	<0.1					
3/1/2016			<0.1	0.037 (J)	0.46	0.041 (J)	<0.1
5/2/2016	<0.1						
5/4/2016		<0.1					<0.1
5/5/2016			<0.1	<0.1	0.27	<0.1	
7/5/2016	<0.1						
7/7/2016			<0.1	<0.1	0.29	<0.1	
7/8/2016		<0.1					<0.1
9/6/2016	<0.1	<0.1	<0.1				
9/7/2016				<0.1	0.33	<0.1	<0.1
11/7/2016	<0.1						
11/9/2016					0.29	<0.1	<0.1
11/10/2016		<0.1	<0.1	<0.1			
1/9/2017	<0.1						
1/11/2017		<0.1			0.42	<0.1	<0.1
1/12/2017			<0.1	<0.1			
3/13/2017	<0.1						
3/14/2017		<0.1			0.34	<0.1	<0.1
3/15/2017			<0.1	<0.1			
5/15/2017	<0.1						
5/18/2017		<0.1	<0.1	<0.1	0.47	<0.1	<0.1
10/2/2017	<0.1						
10/5/2017		<0.1			0.22	<0.1	<0.1
10/6/2017			<0.1	<0.1			
12/19/2017					0.26 (R)		
3/12/2018	<0.1						
3/14/2018		0.12	<0.1	<0.1	0.3	<0.1	<0.1
6/5/2018	<0.1						
6/10/2018		<0.1			0.38	<0.1	<0.1
6/11/2018			<0.1	<0.1			
10/16/2018	<0.1						
10/18/2018		<0.1		<0.1	0.26	0.04 (J)	<0.1
10/19/2018			<0.1				
2/27/2019	<0.1	<0.1					
3/1/2019					0.1	<0.1	<0.1
3/2/2019			<0.1	<0.1			
5/31/2019	<0.1	<0.1					
6/3/2019			<0.1		0.22	0.04 (J)	<0.1
6/11/2019				<0.1			
11/6/2019	<0.1	<0.1					
11/7/2019				<0.1	0.21		
11/9/2019			<0.1			<0.1	<0.1
4/16/2020	<0.1	<0.1					
4/17/2020				<0.1			<0.1
4/18/2020			<0.1		0.3	0.04 (J)	
10/7/2020	<0.1	<0.1					
10/8/2020			<0.1	0.24	0.26	0.04 (J)	<0.1
3/29/2021	0.06	<0.1					
3/30/2021			<0.1	<0.1		0.04	<0.1
3/31/2021					0.34		
9/2/2021	0.08 (J)	0.04 (J)					
9/3/2021					0.41	0.07 (J)	<0.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<0.1	<0.1			
3/22/2022	<0.1	<0.1					
3/23/2022			<0.1		0.3	<0.1	<0.1
3/24/2022				<0.1			
9/7/2022	<0.1	<0.1					
9/8/2022							<0.1
9/9/2022			<0.1	<0.1	<0.1	<0.1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.1	<0.1				
3/1/2016					<0.1	0.033 (J)
3/2/2016			<0.1	0.039 (J)		
5/2/2016	<0.1	<0.1				<0.1
5/3/2016					<0.1	
5/5/2016			<0.1	<0.1		
7/5/2016	<0.1	<0.1			<0.1	<0.1
7/7/2016			<0.1	<0.1		
9/6/2016	<0.1	<0.1			<0.1	<0.1
9/7/2016			<0.1	<0.1		
11/7/2016	<0.1	<0.1			<0.1	<0.1
11/10/2016			<0.1	<0.1		
1/9/2017	<0.1	<0.1			<0.1	<0.1
1/12/2017			<0.1	<0.1		
3/13/2017	<0.1	<0.1			<0.1	<0.1
3/14/2017			<0.1			
3/15/2017				<0.1		
5/15/2017	<0.1	<0.1			<0.1	<0.1
5/18/2017			<0.1	<0.1		
10/2/2017	<0.1	<0.1			<0.1	<0.1
10/5/2017			<0.1			
10/6/2017				<0.1		
3/12/2018	<0.1	<0.1			<0.1	<0.1
3/14/2018			<0.1	<0.1		
6/5/2018	<0.1	<0.1				
6/6/2018					<0.1	<0.1
6/11/2018			<0.1	0.04 (J)		
10/16/2018	<0.1	<0.1				
10/17/2018					<0.1	<0.1
10/18/2018			<0.1	0.04 (J)		
2/27/2019	<0.1	<0.1			<0.1	<0.1
3/1/2019			<0.1	<0.1		
5/31/2019	<0.1	<0.1			<0.1	<0.1
6/3/2019			<0.1	0.04 (J)		
11/6/2019	<0.1	<0.1			<0.1	<0.1
11/7/2019			<0.1	0.04 (J)		
4/16/2020	<0.1	<0.1			<0.1	<0.1
4/17/2020			<0.1	0.04 (J)		
10/7/2020	<0.1	<0.1			<0.1	<0.1
10/9/2020			<0.1	<0.1		
3/29/2021	<0.1	<0.1			<0.1	<0.1
3/31/2021			<0.1	0.04		
9/2/2021	0.1	<0.1			<0.1	0.04 (J)
9/3/2021			0.05 (J)	0.07 (J)		
3/22/2022	<0.1	<0.1			<0.1	<0.1
3/23/2022			<0.1	<0.1		
9/7/2022	<0.1					
9/8/2022		<0.1	<0.1		<0.1	<0.1
9/9/2022				<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0013	<0.0013					
3/1/2016			<0.0013	<0.0013	0.0018 (J)	<0.0013	<0.0013
5/2/2016	<0.0013						
5/4/2016		<0.0013					<0.0013
5/5/2016			<0.0013	<0.0013	0.0015	<0.0013	
7/5/2016	<0.0013						
7/7/2016			<0.0013	<0.0013	0.0018	<0.0013	
7/8/2016		<0.0013					<0.0013
9/6/2016	<0.0013	<0.0013	<0.0013				
9/7/2016				<0.0013	0.0024	<0.0013	<0.0013
11/7/2016	<0.0013						
11/9/2016					0.0023	<0.0013	<0.0013
11/10/2016		<0.0013	<0.0013	<0.0013			
1/9/2017	<0.0013						
1/11/2017		<0.0013			0.0027	<0.0013	<0.0013
1/12/2017			<0.0013	<0.0013			
3/13/2017	<0.0013						
3/14/2017		<0.0013			0.0024	<0.0013	<0.0013
3/15/2017			<0.0013	<0.0013			
5/15/2017	<0.0013						
5/18/2017		<0.0013	<0.0013	<0.0013	0.0029	<0.0013	<0.0013
3/12/2018	<0.0013						
3/14/2018		<0.0013	<0.0013	<0.0013	0.0023	<0.0013	<0.0013
6/5/2018	<0.0013						
6/10/2018		<0.0013			0.0024	<0.0013	<0.0013
6/11/2018			<0.0013	<0.0013			
10/16/2018	<0.0013						
10/18/2018		<0.0013		<0.0013	0.002	<0.0013	0.00039 (J)
10/19/2018			<0.0013				
2/27/2019	<0.0013	<0.0013					
3/1/2019					0.0012 (J)	<0.0013	<0.0013
3/2/2019			<0.0013	<0.0013			
5/31/2019	<0.0013	<0.0013					
6/3/2019			<0.0013		0.0018	0.00091 (J)	<0.0013
6/11/2019				<0.0013			
11/6/2019	0.0001 (J)	<0.0013					
11/7/2019				0.00011 (J)	0.002		
11/9/2019			0.00014 (J)			0.00012 (J)	<0.0013
4/16/2020	6.6E-05 (J)	<0.0013					
4/17/2020				<0.0013			<0.0013
4/18/2020			0.00018 (J)		0.0024	<0.0013	
10/7/2020	<0.0013	<0.0013					
10/8/2020			<0.0013	<0.0013	0.0019	<0.0013	<0.0013
3/29/2021	<0.0013	<0.0013					
3/30/2021			<0.0013	<0.0013		<0.0013	<0.0013
3/31/2021					0.0022		
9/2/2021	<0.0013	<0.0013					
9/3/2021					0.002	<0.0013	<0.0013
9/7/2021			<0.0013	<0.0013			
3/22/2022	<0.0013	<0.0013					
3/23/2022			<0.0013		0.0018	<0.0013	<0.0013
3/24/2022				<0.0013			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0013	<0.0013					
9/8/2022							<0.0013
9/9/2022			<0.0013	<0.0013	0.0021	<0.0013	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0013	<0.0013				
3/1/2016					<0.0013	<0.0013
3/2/2016			<0.0013	<0.0013		
5/2/2016	<0.0013	<0.0013				<0.0013
5/3/2016					<0.0013	
5/5/2016			<0.0013	<0.0013		
7/5/2016	<0.0013	<0.0013			<0.0013	<0.0013
7/7/2016			<0.0013	<0.0013		
9/6/2016	<0.0013	<0.0013			<0.0013	<0.0013
9/7/2016			<0.0013	<0.0013		
11/7/2016	<0.0013	<0.0013			<0.0013	<0.0013
11/10/2016			<0.0013	<0.0013		
1/9/2017	<0.0013	<0.0013			<0.0013	<0.0013
1/12/2017			<0.0013	<0.0013		
3/13/2017	<0.0013	<0.0013			<0.0013	<0.0013
3/14/2017			<0.0013			
3/15/2017				<0.0013		
5/15/2017	<0.0013	<0.0013			<0.0013	<0.0013
5/18/2017			<0.0013	<0.0013		
3/12/2018	<0.0013	<0.0013			<0.0013	<0.0013
3/14/2018			<0.0013	<0.0013		
6/5/2018	<0.0013	<0.0013				
6/6/2018					<0.0013	<0.0013
6/11/2018			<0.0013	<0.0013		
10/16/2018	<0.0013	<0.0013				
10/17/2018					<0.0013	<0.0013
10/18/2018			<0.0013	<0.0013		
2/27/2019	0.001 (J)	<0.0013			<0.0013	<0.0013
3/1/2019			<0.0013	<0.0013		
5/31/2019	<0.0013	<0.0013			<0.0013	<0.0013
6/3/2019			0.00067 (J)	0.00037 (J)		
11/6/2019	6.6E-05 (J)	8.4E-05 (J)			<0.0013	0.0002 (J)
11/7/2019			9.4E-05 (J)	0.0003 (J)		
4/16/2020	<0.0013	<0.0013			<0.0013	0.00016 (J)
4/17/2020			0.00011 (J)	0.00033		
10/7/2020	<0.0013	<0.0013			<0.0013	<0.0013
10/9/2020			0.0012 (J)	0.0003 (J)		
3/29/2021	<0.0013	<0.0013			<0.0013	<0.0013
3/31/2021			<0.0013	0.0004		
9/2/2021	<0.0013	<0.0013			<0.0013	<0.0013
9/3/2021			<0.0013	<0.0013		
3/22/2022	<0.0013	<0.0013			<0.0013	<0.0013
3/23/2022			<0.0013	<0.0013		
9/7/2022	<0.0013					
9/8/2022		<0.0013	<0.0013		<0.0013	<0.0013
9/9/2022				<0.0013		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.005	<0.005					
3/1/2016			<0.005	<0.005	0.057	<0.005	<0.005
5/2/2016	<0.005						
5/4/2016		<0.005					<0.005
5/5/2016			<0.005	<0.005	0.044	<0.005	
7/5/2016	<0.005						
7/7/2016			<0.005	<0.005	0.04	<0.005	
7/8/2016		<0.005					<0.005
9/6/2016	<0.005	0.0037 (J)	<0.005				
9/7/2016				<0.005	0.033	<0.005	0.0073
11/7/2016	<0.005						
11/9/2016					0.035	<0.005	<0.005
11/10/2016		<0.005	<0.005	<0.005			
1/9/2017	<0.005						
1/11/2017		<0.005			0.028	<0.005	<0.005
1/12/2017			<0.005	<0.005			
3/13/2017	<0.005						
3/14/2017		<0.005			0.037	<0.005	0.0035 (J)
3/15/2017			<0.005	0.0038 (J)			
5/15/2017	<0.005						
5/18/2017		<0.005	<0.005	<0.005	0.024	<0.005	<0.005
3/12/2018	0.0011 (J)						
3/14/2018		<0.005	<0.005	0.002 (J)	0.028	<0.005	<0.005
6/5/2018	<0.005						
6/10/2018		<0.005			0.019	<0.005	<0.005
6/11/2018			<0.005	0.0015 (J)			
10/16/2018	<0.005						
10/18/2018		0.0013 (J)		0.0017 (J)	0.022	<0.005	0.0012 (J)
10/19/2018			0.0012 (J)				
2/27/2019	<0.005	<0.005					
3/1/2019					0.017	<0.005	0.0012 (J)
3/2/2019			0.0014 (J)	0.0011 (J)			
5/31/2019	0.0021 (J)	0.0013 (J)					
6/3/2019			<0.005		0.017	<0.005	<0.005
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)			<0.005	0.00068 (J)
4/16/2020	0.0006 (J)	<0.005					
4/17/2020				0.0021			0.00043 (J)
4/18/2020			<0.005		0.017	0.00039 (J)	
10/7/2020	0.0054	0.0052					
10/8/2020			<0.005	<0.005	0.017	<0.005	<0.005
3/29/2021	<0.005	0.0019					
3/30/2021			<0.005	0.002		<0.005	<0.005
3/31/2021					0.015		
9/2/2021	<0.005	<0.005					
9/3/2021					0.021	<0.005	<0.005
9/7/2021			<0.005	0.0027 (J)			
3/22/2022	0.0013	0.0014					
3/23/2022			<0.005		0.02	<0.005	<0.005
3/24/2022				0.00099 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.005	<0.005					
9/8/2022							<0.005
9/9/2022			<0.005	<0.005	0.015	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.005	<0.005				
3/1/2016					<0.005	0.0037
3/2/2016			0.0095 (J)	0.0082 (J)		
5/2/2016	<0.005	<0.005				<0.005
5/3/2016					<0.005	
5/5/2016			0.0059	0.0072		
7/5/2016	<0.005	<0.005			<0.005	<0.005
7/7/2016			0.006	0.0092		
9/6/2016	<0.005	<0.005			<0.005	<0.005
9/7/2016			0.0049 (J)	0.0069		
11/7/2016	<0.005	<0.005			<0.005	0.0097 (o)
11/10/2016			0.0055	0.0045 (J)		
1/9/2017	<0.005	<0.005			<0.005	<0.005
1/12/2017			0.0045 (J)	0.0073		
3/13/2017	<0.005	<0.005			<0.005	<0.005
3/14/2017			0.0069			
3/15/2017				0.012		
5/15/2017	<0.005	<0.005			<0.005	<0.005
5/18/2017			0.0055	0.0084		
3/12/2018	0.0014 (J)	<0.005			<0.005	<0.005
3/14/2018			0.0059	0.012		
6/5/2018	0.0012 (J)	<0.005				
6/6/2018					<0.005	0.0021 (J)
6/11/2018			0.0042 (J)	0.009		
10/16/2018	0.0015 (J)	0.0013 (J)				
10/17/2018					<0.005	0.0012 (J)
10/18/2018			0.0062	0.011		
2/27/2019	<0.005	<0.005			<0.005	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	<0.005			0.00063 (J)	0.0012
11/7/2019			0.0052	0.014		
4/16/2020	0.00063 (J)	<0.005			<0.005	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	<0.005	<0.005			<0.005	0.0042
3/31/2021			0.0059	0.017		
9/2/2021	<0.005	<0.005			<0.005	<0.005
9/3/2021			0.0067	0.092		
3/22/2022	<0.005	<0.005			0.0012	<0.005
3/23/2022			0.0062	0.011		
9/7/2022	<0.005					
9/8/2022		<0.005	<0.005		<0.005	<0.005
9/9/2022				0.006		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0002	<0.0002					
3/1/2016			<0.0002	<0.0002	0.00089	<0.0002	<0.0002
5/2/2016	<0.0002						
5/4/2016		<0.0002					<0.0002
5/5/2016			<0.0002	<0.0002	0.00054	<0.0002	
7/5/2016	<0.0002						
7/7/2016			<0.0002	<0.0002 (*)	0.00066 (V)	<0.0002	
7/8/2016		<0.0002 (*)					<0.0002 (*)
9/6/2016	<0.0002 (*)	<0.0002	<0.0002				
9/7/2016				<0.0002	0.0016	<0.0002	<0.0002
11/7/2016	<0.0002						
11/9/2016					0.0015	<0.0002	<0.0002
11/10/2016		<0.0002	<0.0002	<0.0002			
1/9/2017	<0.0002 (*)						
1/11/2017		<0.0002			0.0025	<0.0002	<0.0002
1/12/2017			<0.0002	<0.0002			
3/13/2017	<0.0002						
3/14/2017		<0.0002 (*)			0.0012	<0.0002	<0.0002
3/15/2017			<0.0002	<0.0002 (*)			
5/15/2017	<0.0002						
5/18/2017		<0.0002	<0.0002	<0.0002	0.0014	<0.0002	<0.0002
3/12/2018	<0.0002						
3/14/2018		9.3E-05 (J)	9.4E-05 (J)	0.00012 (J)	0.0011	<0.0002	8E-05 (J)
6/5/2018	<0.0002						
6/10/2018		<0.0002			0.0014	<0.0002	<0.0002
6/11/2018			<0.0002	<0.0002			
10/16/2018	<0.0002						
10/18/2018		<0.0002		<0.0002	0.00087	<0.0002	<0.0002
10/19/2018			9.4E-05 (J)				
2/27/2019	<0.0002	<0.0002					
3/1/2019					0.00077	<0.0002	<0.0002
3/2/2019			<0.0002	<0.0002			
5/31/2019	<0.0002	<0.0002					
6/3/2019			<0.0002		0.00054	<0.0002	<0.0002
6/11/2019				<0.0002			
11/6/2019	<0.0002	<0.0002					
11/7/2019				<0.0002	0.00053		
11/9/2019			<0.0002			<0.0002	<0.0002
4/16/2020	<0.0002	<0.0002					
4/17/2020				0.00062			<0.0002
4/18/2020			<0.0002		0.00069	<0.0002	
10/7/2020	<0.0002	<0.0002					
10/8/2020			<0.0002	0.00016 (J)	0.00087	<0.0002	<0.0002
3/29/2021	<0.0002	<0.0002					
3/30/2021			<0.0002	<0.0002		<0.0002	<0.0002
3/31/2021					0.00072		
9/2/2021	<0.0002	<0.0002					
9/3/2021					0.00048	<0.0002	<0.0002
9/7/2021			<0.0002	<0.0002			
3/22/2022	<0.0002	<0.0002					
3/23/2022			<0.0002		0.00032	<0.0002	<0.0002
3/24/2022				<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0002	<0.0002					
9/8/2022							<0.0002
9/9/2022			<0.0002	<0.0002	0.00082	<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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)	<0.0002				
3/1/2016					<0.0002	<0.0002
3/2/2016			<0.0002	0.007		
5/2/2016	7.4E-05 (J)	<0.0002				<0.0002
5/3/2016					<0.0002	
5/5/2016			<0.0002	0.006		
7/5/2016	<0.0002	<0.0002			<0.0002	<0.0002
7/7/2016			<0.0002 (*)	0.0053		
9/6/2016	<0.0002 (*)	<0.0002			<0.0002 (*)	<0.0002 (*)
9/7/2016			<0.0002	0.0067		
11/7/2016	<0.0002	<0.0002			<0.0002	<0.0002
11/10/2016			<0.0002	0.00014 (J)		
1/9/2017	<0.0002 (*)	<0.0002 (*)			<0.0002 (*)	<0.0002 (*)
1/12/2017			<0.0002	0.0052		
3/13/2017	<0.0002	<0.0002			<0.0002	<0.0002
3/14/2017			<0.0002			
3/15/2017				0.0048		
5/15/2017	<0.0002	<0.0002			<0.0002	<0.0002
5/18/2017			<0.0002	0.0074		
3/12/2018	<0.0002	<0.0002			<0.0002	<0.0002
3/14/2018			9.7E-05 (J)	0.0059		
6/5/2018	<0.0002	<0.0002				
6/6/2018					<0.0002	<0.0002
6/11/2018			<0.0002	0.0042		
10/16/2018	<0.0002	<0.0002				
10/17/2018					<0.0002	<0.0002
10/18/2018			<0.0002	0.0034		
2/27/2019	<0.0002	<0.0002			<0.0002	<0.0002
3/1/2019			<0.0002	0.0041		
5/31/2019	<0.0002	<0.0002			<0.0002	<0.0002
6/3/2019			<0.0002	0.0025		
11/6/2019	<0.0002	<0.0002			<0.0002	<0.0002
11/7/2019			0.0012	0.0034		
4/16/2020	<0.0002	<0.0002			<0.0002	<0.0002
4/17/2020			0.0032	0.0063		
10/7/2020	0.00025	0.00013 (J)			8E-05 (J)	<0.0002
10/9/2020			0.0014	0.0049		
3/29/2021	<0.0002	<0.0002			<0.0002	<0.0002
3/31/2021			0.00035	0.0055		
9/2/2021	<0.0002	<0.0002			<0.0002	<0.0002
9/3/2021			0.0012	0.0012		
3/22/2022	<0.0002	<0.0002			<0.0002	<0.0002
3/23/2022			0.00047	0.0034		
9/7/2022	<0.0002					
9/8/2022		<0.0002	0.00041		<0.0002	<0.0002
9/9/2022				0.0036		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.015	<0.015					
3/1/2016			<0.015	<0.015	<0.015	0.004 (J)	<0.015
5/2/2016	<0.015						
5/4/2016		<0.015					<0.015
5/5/2016			<0.015	<0.015	<0.015	0.0093 (J)	
7/5/2016	<0.015						
7/7/2016			<0.015	<0.015	<0.015	0.0047 (J)	
7/8/2016		<0.015					<0.015
9/6/2016	<0.015	<0.015	<0.015				
9/7/2016				<0.015	<0.015	0.004 (J)	<0.015
11/7/2016	<0.015						
11/9/2016					<0.015	0.0037 (J)	<0.015
11/10/2016		<0.015	<0.015	<0.015			
1/9/2017	<0.015						
1/11/2017		<0.015			<0.015	0.0052 (J)	<0.015
1/12/2017			<0.015	<0.015			
3/13/2017	0.0042 (J)						
3/14/2017		<0.015			<0.015	0.004 (J)	<0.015
3/15/2017			<0.015	<0.015			
5/15/2017	<0.015						
5/18/2017		<0.015	<0.015	<0.015	<0.015	0.0043 (J)	<0.015
3/12/2018	<0.015						
3/14/2018		<0.015	<0.015	<0.015	<0.015	0.0054 (J)	<0.015
6/5/2018	<0.015						
6/10/2018		<0.015			<0.015	0.0035 (J)	<0.015
6/11/2018			<0.015	<0.015			
10/16/2018	<0.015						
10/18/2018		<0.015		<0.015	<0.015	0.0032 (J)	<0.015
10/19/2018			<0.015				
2/27/2019	<0.015	<0.015					
3/1/2019					<0.015	0.0047 (J)	<0.015
3/2/2019			<0.015	<0.015			
5/31/2019	<0.015	<0.015					
6/3/2019			<0.015		<0.015	0.0033 (J)	<0.015
6/11/2019				<0.015			
11/6/2019	<0.015	<0.015					
11/7/2019				<0.015	<0.015		
11/9/2019			<0.015			0.0025 (J)	<0.015
4/16/2020	<0.015	<0.015					
4/17/2020				<0.015			<0.015
4/18/2020			<0.015		<0.015	0.003	
10/7/2020	<0.015	<0.015					
10/8/2020			<0.015	<0.015	<0.015	<0.015	<0.015
3/29/2021	<0.015	<0.015					
3/30/2021			<0.015	<0.015		0.005	<0.015
3/31/2021					<0.015		
9/2/2021	<0.015	<0.015					
9/3/2021					<0.015	0.0057 (J)	<0.015
9/7/2021			<0.015	<0.015			
3/22/2022	0.00066 (J)	0.00064 (J)					
3/23/2022			0.00091 (J)		<0.015	0.0089	0.00068 (J)
3/24/2022				0.00092 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 10:47 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.015	<0.015					
9/8/2022							<0.015
9/9/2022			<0.015	<0.015	<0.015	0.0044 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.015	<0.015				
3/1/2016					<0.015	<0.015
3/2/2016			<0.015	<0.015		
5/2/2016	<0.015	<0.015				<0.015
5/3/2016					<0.015	
5/5/2016			<0.015	<0.015		
7/5/2016	<0.015	<0.015			<0.015	<0.015
7/7/2016			<0.015	<0.015		
9/6/2016	<0.015	<0.015			<0.015	<0.015
9/7/2016			<0.015	<0.015		
11/7/2016	<0.015	<0.015			<0.015	<0.015
11/10/2016			<0.015	<0.015		
1/9/2017	<0.015	<0.015			<0.015	<0.015
1/12/2017			<0.015	<0.015		
3/13/2017	<0.015	0.0022 (J)			<0.015	<0.015
3/14/2017			<0.015			
3/15/2017				<0.015		
5/15/2017	<0.015	<0.015			<0.015	<0.015
5/18/2017			<0.015	<0.015		
3/12/2018	<0.015	<0.015			<0.015	<0.015
3/14/2018			<0.015	<0.015		
6/5/2018	0.00088 (J)	<0.015				
6/6/2018					<0.015	<0.015
6/11/2018			<0.015	<0.015		
10/16/2018	<0.015	<0.015				
10/17/2018					<0.015	<0.015
10/18/2018			<0.015	<0.015		
2/27/2019	<0.015	<0.015			<0.015	<0.015
3/1/2019			<0.015	<0.015		
5/31/2019	<0.015	<0.015			<0.015	<0.015
6/3/2019			<0.015	<0.015		
11/6/2019	<0.015	<0.015			<0.015	<0.015
11/7/2019			<0.015	<0.015		
4/16/2020	<0.015	<0.015			<0.015	<0.015
4/17/2020			<0.015	<0.015		
10/7/2020	<0.015	<0.015			<0.015	<0.015
10/9/2020			<0.015	<0.015		
3/29/2021	<0.015	<0.015			<0.015	<0.015
3/31/2021			<0.015	<0.015		
9/2/2021	<0.015	<0.015			<0.015	<0.015
9/3/2021			<0.015	<0.015		
3/22/2022	<0.015	<0.015			0.0011 (J)	0.00031 (J)
3/23/2022			0.0009 (J)	<0.015		
9/7/2022	<0.015					
9/8/2022		<0.015	<0.015		<0.015	<0.015
9/9/2022				<0.015		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0013	<0.0013					
3/1/2016			<0.0013	0.0028 (J)	0.0054 (J)	<0.0013	<0.0013
5/2/2016	<0.0013						
5/4/2016		<0.0013					<0.0013
5/5/2016			0.00029 (J)	0.0026	0.0038	0.0003 (J)	
7/5/2016	<0.0013						
7/7/2016			<0.0013 (*)	0.0025	0.0043	<0.0013	
7/8/2016		<0.0013					<0.0013
9/6/2016	0.00049 (J)	<0.0013	<0.0013				
9/7/2016				0.0031	0.0099	0.00026 (J)	<0.0013
11/7/2016	<0.0013						
11/9/2016					0.012	0.00038 (J)	<0.0013
11/10/2016		<0.0013	<0.0013	0.0028			
1/9/2017	<0.0013						
1/11/2017		0.00049 (J)			0.022	<0.0013	<0.0013
1/12/2017			<0.0013	0.0028			
3/13/2017	0.0023						
3/14/2017		<0.0013			0.011	<0.0013	<0.0013
3/15/2017			<0.0013	0.0027			
5/15/2017	<0.0013						
5/18/2017		<0.0013	<0.0013	0.0036	0.018	<0.0013	<0.0013
3/12/2018	0.00046 (J)						
3/14/2018		0.00067 (J)	0.001 (J)	0.0032	0.0057	0.0006 (J)	<0.0013
6/5/2018	0.00049 (J)						
6/10/2018		0.00028 (J)			0.015	0.00043 (J)	<0.0013
6/11/2018			0.00028 (J)	0.003			
10/16/2018	<0.0013						
10/18/2018		<0.0013		0.0016	0.0049	<0.0013	<0.0013
10/19/2018			<0.0013				
2/27/2019	<0.0013	<0.0013					
3/1/2019					0.0026	<0.0013	<0.0013
3/2/2019			<0.0013	<0.0013			
5/31/2019	<0.0013	<0.0013					
6/3/2019			<0.0013		0.0039	<0.0013	<0.0013
6/11/2019				0.0014			
11/6/2019	<0.0013	<0.0013					
11/7/2019				0.002	0.0085		
11/9/2019			<0.0013			0.00041	<0.0013
4/16/2020	<0.0013	<0.0013					
4/17/2020				0.0022			<0.0013
4/18/2020			0.00019 (J)		0.0084	0.0004	
10/7/2020	<0.0013	<0.0013					
10/8/2020			<0.0013	0.0014	0.0045	<0.0013	<0.0013
3/29/2021	<0.0013	<0.0013					
3/30/2021			<0.0013	0.0019		<0.0013	<0.0013
3/31/2021					0.011		
9/2/2021	<0.0013	<0.0013					
9/3/2021					0.0054	<0.0013	<0.0013
9/7/2021			<0.0013	0.0014			
3/22/2022	<0.0013	<0.0013					
3/23/2022			0.00025		0.0067	0.00023 (J)	<0.0013
3/24/2022				0.0014			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0013	<0.0013					
9/8/2022							0.0016
9/9/2022			0.0044	0.0012 (J)	0.02	0.0014	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0013	<0.0013				
3/1/2016					<0.0013	<0.0013
3/2/2016			<0.0013	0.0025 (J)		
5/2/2016	<0.0013	0.00025 (J)				<0.0013
5/3/2016					<0.0013	
5/5/2016			<0.0013	0.0033		
7/5/2016	<0.0013	<0.0013			<0.0013	<0.0013
7/7/2016			<0.0013	0.0031		
9/6/2016	<0.0013	0.00027 (J)			<0.0013	<0.0013
9/7/2016			<0.0013	0.0034		
11/7/2016	<0.0013	<0.0013			<0.0013	<0.0013
11/10/2016			<0.0013	0.0038		
1/9/2017	<0.0013	<0.0013			<0.0013	<0.0013
1/12/2017			<0.0013	0.0034		
3/13/2017	<0.0013	0.0025			<0.0013	<0.0013
3/14/2017			<0.0013			
3/15/2017				0.0032		
5/15/2017	<0.0013	<0.0013			<0.0013	<0.0013
5/18/2017			<0.0013	0.0034		
3/12/2018	0.00064 (J)	0.00047 (J)			0.00026 (J)	<0.0013
3/14/2018			<0.0013	0.0038		
6/5/2018	0.00098 (J)	0.00065 (J)				
6/6/2018					0.00025 (J)	0.00026 (J)
6/11/2018			<0.0013	0.0037		
10/16/2018	<0.0013	<0.0013				
10/17/2018					<0.0013	<0.0013
10/18/2018			<0.0013	0.0033		
2/27/2019	<0.0013	<0.0013			<0.0013	<0.0013
3/1/2019			<0.0013	0.0033		
5/31/2019	<0.0013	<0.0013			<0.0013	<0.0013
6/3/2019			<0.0013	0.0035		
11/6/2019	<0.0013	0.00034			<0.0013	<0.0013
11/7/2019			0.00024 (J)	0.0034		
4/16/2020	<0.0013	0.0004			<0.0013	<0.0013
4/17/2020			0.0002 (J)	0.0039		
10/7/2020	<0.0013	<0.0013			<0.0013	<0.0013
10/9/2020			<0.0013	0.0031		
3/29/2021	<0.0013	<0.0013			<0.0013	<0.0013
3/31/2021			<0.0013	0.0046		
9/2/2021	<0.0013	<0.0013			<0.0013	<0.0013
9/3/2021			<0.0013	0.0035		
3/22/2022	<0.0013	0.00051			<0.0013	<0.0013
3/23/2022			0.00035	0.0034		
9/7/2022	<0.0013					
9/8/2022		<0.0013	0.002		<0.0013	0.0034
9/9/2022				0.0045		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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	<5					
3/1/2016			<5	26	380	17	<5
5/2/2016	15 (o)						
5/4/2016		<5					<5
5/5/2016			<5	31	280	11	
7/5/2016	<5						
7/7/2016			<5	31	330	33	
7/8/2016		<5					<5
9/6/2016	<5	<5	<5				
9/7/2016				41	550	18	<5
11/7/2016	<5						
11/9/2016					700	52	<5
11/10/2016		<5	<5	39			
1/9/2017	<5						
1/11/2017		<5			670	31	<5
1/12/2017			<5	35			
3/13/2017	2.5 (J)						
3/14/2017		<5			670	20	<5
3/15/2017			<5 (*)	43			
5/15/2017	<5						
5/18/2017		<5 (X)	<5 (X)	35	790	35	<5 (X)
10/2/2017	<5						
10/5/2017		<5			500	7.7	<5
10/6/2017			<5	39			
12/19/2017				36 (R)	400 (R)	51 (R)	
3/12/2018	<5						
3/14/2018		<5	<5	38	540	22	<5
6/5/2018	<5						
6/10/2018		1.5 (J)			760	96	1.4 (J)
6/11/2018			1.7 (J)	34			
10/16/2018	<5						
10/18/2018		<5		31	460	6.6	<5
10/19/2018			3.4 (J)				
2/27/2019	<5	1.9 (J)					
3/1/2019					240	9.6	<5
3/2/2019			<5	35			
5/31/2019	<5	<5					
6/3/2019			3.5 (J)		480	58	<5
6/11/2019				32			
11/6/2019	<5	<5					
11/7/2019				27	610		
11/9/2019			<5			120	<5
4/16/2020	<5	<5					
4/17/2020				31			<5
4/18/2020			<5		670	32	
10/7/2020	<5	<5					
10/8/2020			<5	30	590	9.3	<5
3/29/2021	<5	<5					
3/30/2021			<5	32		7.6	<5
3/31/2021					670		
9/2/2021	<5	<5					
9/3/2021					480	9.3	<5

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2021			<5	22			
3/22/2022	<5	<5					
3/23/2022			1.8 (J)		560	24	<5
3/24/2022				28			
9/7/2022	1.7 (J)	1.5 (J)					
9/8/2022							<5
9/9/2022			27	20	870	17	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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	1.6 (J)				
3/1/2016					<5	<5
3/2/2016			13	150		
5/2/2016	<5	2.1 (J)				<5
5/3/2016					<5	
5/5/2016			15	200		
7/5/2016	<5	2 (J)			<5	<5
7/7/2016			14	200		
9/6/2016	<5	1.8 (J)			<5	3.7 (J)
9/7/2016			15	200		
11/7/2016	<5	1.7 (J)			<5	<5
11/10/2016			13	130		
1/9/2017	2.6 (J)	1.5 (J)			<5	<5
1/12/2017			12	240		
3/13/2017	<5	2.2 (J)			<5	<5
3/14/2017			10 (V)			
3/15/2017				300		
5/15/2017	<5	1.9 (J)			<5	<5
5/18/2017			8.7	270		
10/2/2017	<5	3.4 (J)			1.5 (J)	1.7 (J)
10/5/2017			9.8			
10/6/2017				140		
12/19/2017			8.4 (R)	280 (R)		
3/12/2018	<5	2.6 (J)			<5	<5
3/14/2018			9.7	270		
6/5/2018	<5	2.6 (J)				
6/6/2018					<5	<5
6/11/2018			10	270		
10/16/2018	<5	2.8 (J)				
10/17/2018					<5	<5
10/18/2018			8.1	280		
2/27/2019	<5	2.4 (J)			<5	<5
3/1/2019			7.4	250		
5/31/2019	<5	3.3 (J)			<5	<5
6/3/2019			21	150		
11/6/2019	<5	3.7 (J)			<5	<5
11/7/2019			16	290		
4/16/2020	<5	1.7 (J)			<5	<5
4/17/2020			12	280		
10/7/2020	<5	4 (J)			<5	<5
10/9/2020			25	280		
3/29/2021	<5	2.3			<5	<5
3/31/2021			15	250		
9/2/2021	<5	4.7 (J)			<5	<5
9/3/2021			32	160		
3/22/2022	<5	4.5 (J)			<5	<5
3/23/2022			28	270		
9/7/2022	1.4 (J)					
9/8/2022		5.5	34		<5	<5
9/9/2022				270		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
2/29/2016	<0.0005	<0.0005					
3/1/2016			<0.0005	<0.0005	0.00043 (J)	<0.0005	<0.0005
5/2/2016	<0.0005						
5/4/2016		<0.0005					<0.0005
5/5/2016			<0.0005	<0.0005	0.0003 (J)	<0.0005	
7/5/2016	<0.0005						
7/7/2016			<0.0005	<0.0005	0.00028 (J)	<0.0005	
7/8/2016		<0.0005					<0.0005
9/6/2016	<0.0005	<0.0005	<0.0005				
9/7/2016				<0.0005	0.00028 (J)	<0.0005	<0.0005
11/7/2016	<0.0005						
11/9/2016					0.0003 (J)	<0.0005	<0.0005
11/10/2016		<0.0005	<0.0005	<0.0005			
1/9/2017	<0.0005						
1/11/2017		<0.0005			0.00032 (J)	<0.0005	<0.0005
1/12/2017			<0.0005	<0.0005			
3/13/2017	<0.0005						
3/14/2017		<0.0005			0.00032 (J)	<0.0005	<0.0005
3/15/2017			<0.0005	<0.0005			
5/15/2017	<0.0005						
5/18/2017		<0.0005	<0.0005	<0.0005	0.0004 (J)	<0.0005	<0.0005
3/12/2018	<0.0005						
3/14/2018		<0.0005	<0.0005	<0.0005	0.00021 (J)	<0.0005	<0.0005
6/5/2018	<0.0005						
6/10/2018		<0.0005			0.00033 (J)	<0.0005	<0.0005
6/11/2018			<0.0005	<0.0005			
10/16/2018	<0.0005						
10/18/2018		<0.0005		<0.0005	0.00021 (J)	<0.0005	<0.0005
10/19/2018			<0.0005				
2/27/2019	<0.0005	<0.0005					
3/1/2019					0.00013 (J)	<0.0005	<0.0005
3/2/2019			<0.0005	<0.0005			
5/31/2019	<0.0005	<0.0005					
6/3/2019			<0.0005		0.00016 (J)	<0.0005	<0.0005
6/11/2019				<0.0005			
11/6/2019	<0.0005	<0.0005					
11/7/2019				2.6E-05 (J)	0.00025		
11/9/2019			0.00021 (J)			0.00024 (J)	<0.0005
4/16/2020	<0.0005	<0.0005					
4/17/2020				<0.0005			<0.0005
4/18/2020			<0.0005		0.00033	<0.0005	
10/7/2020	<0.0005	<0.0005					
10/8/2020			<0.0005	0.00015 (J)	0.00034 (J)	<0.0005	<0.0005
3/29/2021	<0.0005	<0.0005					
3/30/2021			<0.0005	<0.0005		<0.0005	<0.0005
3/31/2021					0.00031		
9/2/2021	0.00015 (J)	<0.0005					
9/3/2021					0.00037 (J)	0.00012 (J)	<0.0005
9/7/2021			<0.0005	<0.0005			
3/22/2022	<0.0005	<0.0005					
3/23/2022			<0.0005		<0.0005	<0.0005	<0.0005
3/24/2022				<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-102	MW-103	MW-104	MW-105	MW-106
9/7/2022	<0.0005	<0.0005					
9/8/2022							<0.0005
9/9/2022			<0.0005	<0.0005	0.00051	<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<0.0005	<0.0005				
3/1/2016					<0.0005	<0.0005
3/2/2016			<0.0005	0.00018 (J)		
5/2/2016	<0.0005	<0.0005				<0.0005
5/3/2016					<0.0005	
5/5/2016			<0.0005	0.00024 (J)		
7/5/2016	<0.0005	<0.0005			<0.0005	<0.0005
7/7/2016			<0.0005	0.00025 (J)		
9/6/2016	<0.0005	<0.0005			<0.0005	<0.0005
9/7/2016			<0.0005	0.00023 (J)		
11/7/2016	<0.0005	<0.0005			<0.0005	<0.0005
11/10/2016			<0.0005	0.0002 (J)		
1/9/2017	<0.0005	<0.0005			<0.0005	<0.0005
1/12/2017			<0.0005	0.00026 (J)		
3/13/2017	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2017			<0.0005			
3/15/2017				0.0003 (J)		
5/15/2017	<0.0005	<0.0005			<0.0005	<0.0005
5/18/2017			<0.0005	0.00028 (J)		
3/12/2018	<0.0005	<0.0005			<0.0005	<0.0005
3/14/2018			<0.0005	0.00029 (J)		
6/5/2018	<0.0005	<0.0005				
6/6/2018					<0.0005	<0.0005
6/11/2018			<0.0005	0.00029 (J)		
10/16/2018	<0.0005	<0.0005				
10/17/2018					<0.0005	<0.0005
10/18/2018			<0.0005	0.00031 (J)		
2/27/2019	<0.0005	<0.0005			<0.0005	<0.0005
3/1/2019			<0.0005	0.0003 (J)		
5/31/2019	<0.0005	<0.0005			<0.0005	<0.0005
6/3/2019			<0.0005	0.0002 (J)		
11/6/2019	<0.0005	<0.0005			<0.0005	<0.0005
11/7/2019			<0.0005	0.00024 (J)		
4/16/2020	<0.0005	<0.0005			<0.0005	<0.0005
4/17/2020			<0.0005	0.00031		
10/7/2020	<0.0005	<0.0005			<0.0005	<0.0005
10/9/2020			0.00012 (J)	0.00037 (J)		
3/29/2021	<0.0005	<0.0005 (D)			<0.0005	<0.0005
3/31/2021			<0.0005	0.00028		
9/2/2021	<0.0005	<0.0005			<0.0005	<0.0005
9/3/2021			<0.0005	0.00022 (J)		
3/22/2022	<0.0005	<0.0005			<0.0005	<0.0005
3/23/2022			<0.0005	<0.0005		
9/7/2022	<0.0005					
9/8/2022		<0.0005	<0.0005		<0.0005	<0.0005
9/9/2022				<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL 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			
3/22/2022	58	14					
3/23/2022			36		1300	230	30
3/24/2022				90			
9/7/2022	36	14					
9/8/2022							18
9/9/2022			62	48	1400	200	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

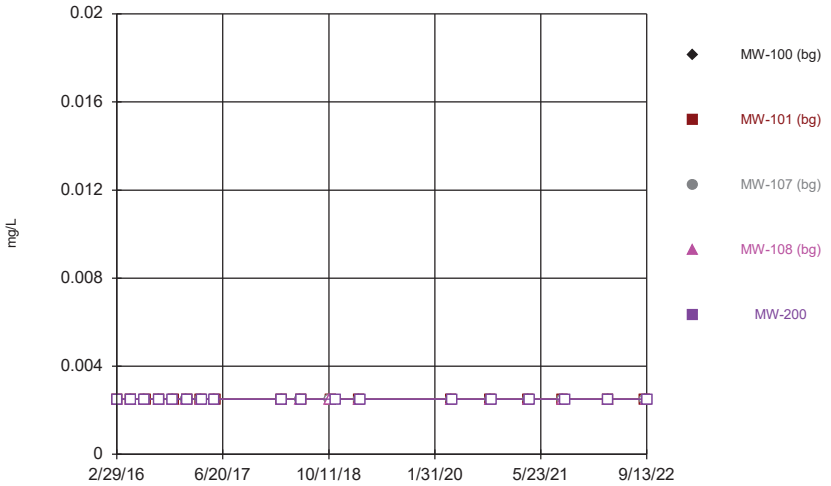
	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<5	12				
3/1/2016					10	<5
3/2/2016			30	440		
5/2/2016	<5	6				36
5/3/2016					<5	
5/5/2016			38	480		
7/5/2016	14	<5			<5	<5
7/7/2016			22	470		
9/6/2016	30	38			36	44
9/7/2016			38	440		
11/7/2016	8	<5			<5	30
11/10/2016			38	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		
3/22/2022	18	46			84	22
3/23/2022			90	630		
9/7/2022	22					
9/8/2022		44	80		24	48
9/9/2022				560		

ND substitution: RL or RL/2 if <15% NDs.

200 Series

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

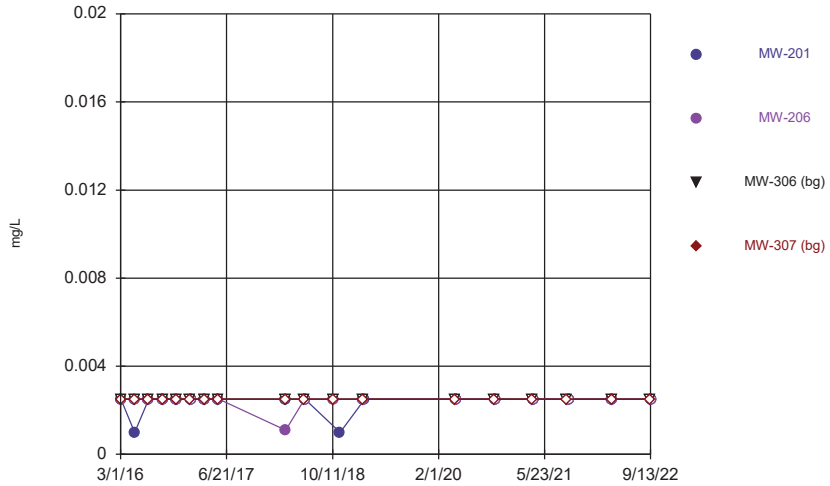
Time Series



Constituent: Antimony Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

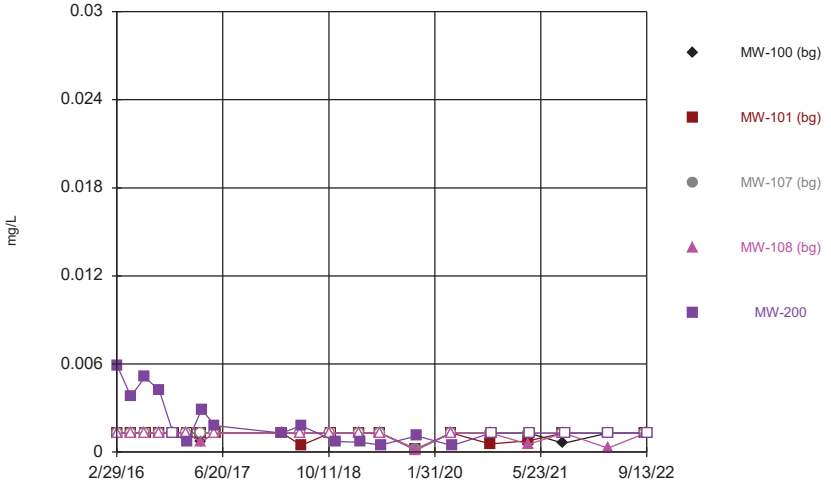
Time Series



Constituent: Antimony Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

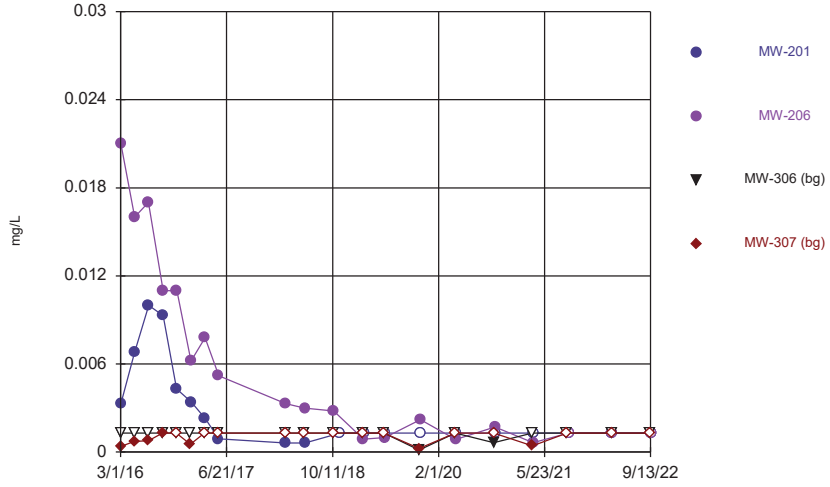
Time Series



Constituent: Arsenic Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

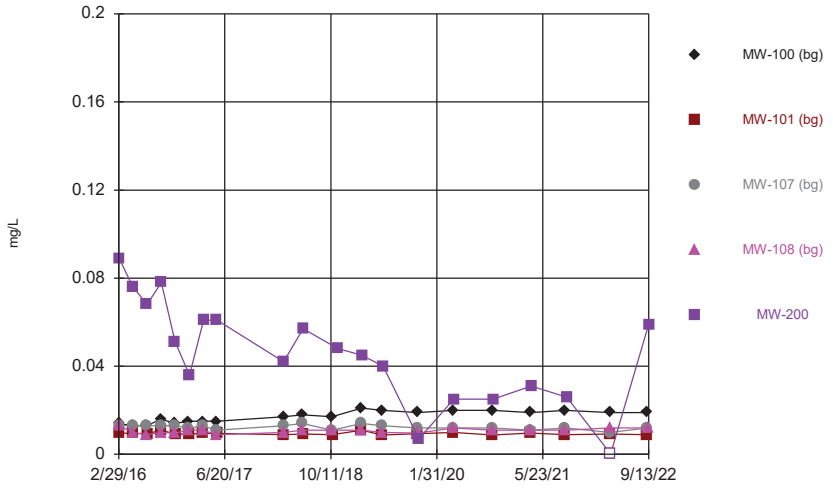
Time Series



Constituent: Arsenic Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

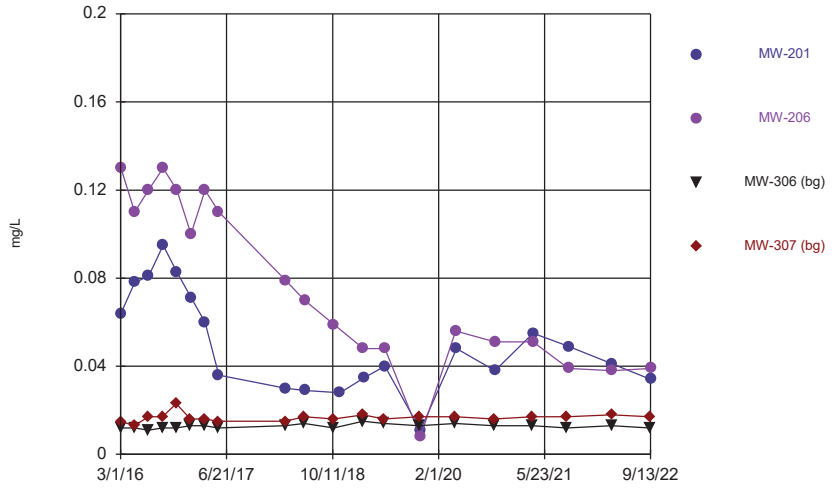
Time Series



Constituent: Barium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

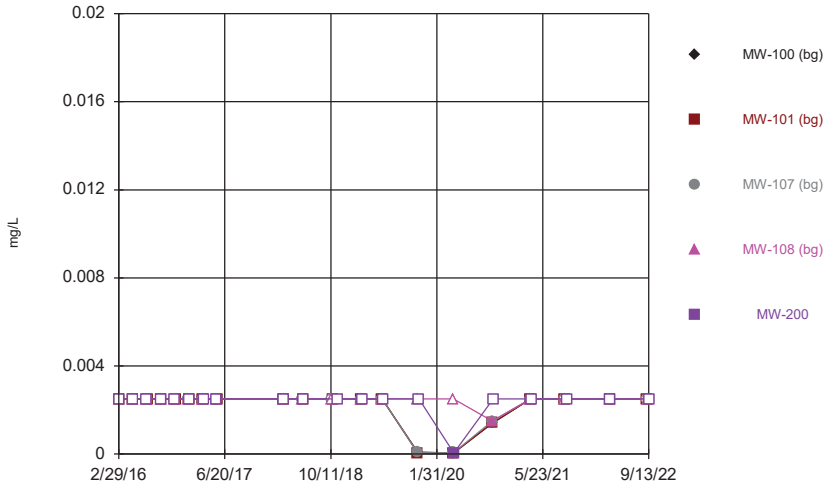
Time Series



Constituent: Barium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

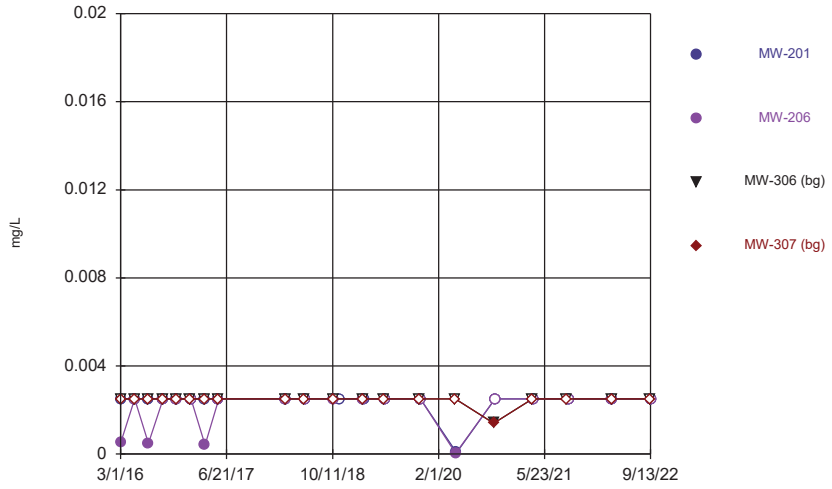
Time Series



Constituent: Beryllium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

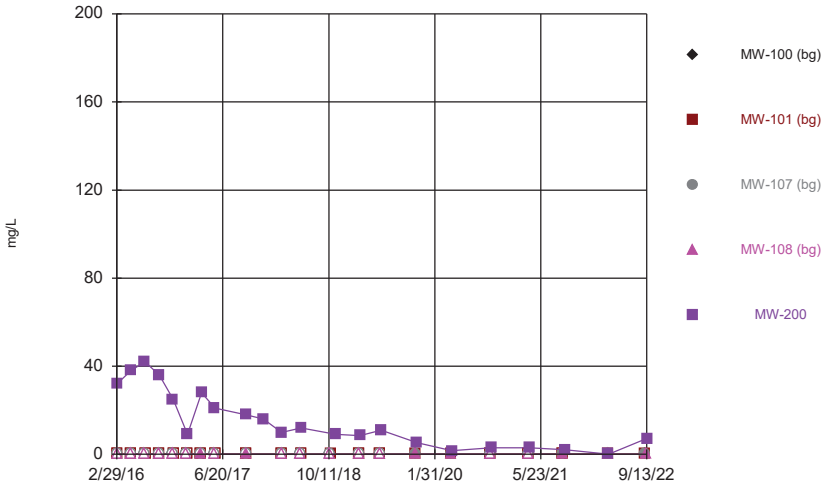
Time Series



Constituent: Beryllium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

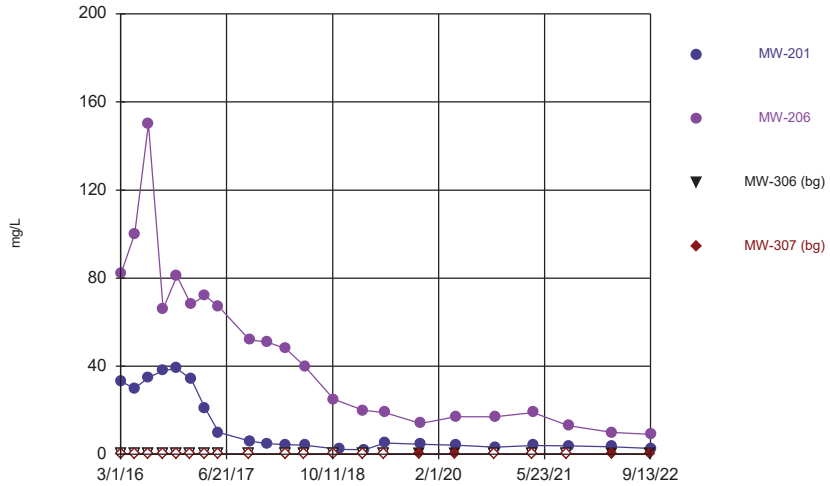
Time Series



Constituent: Boron Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

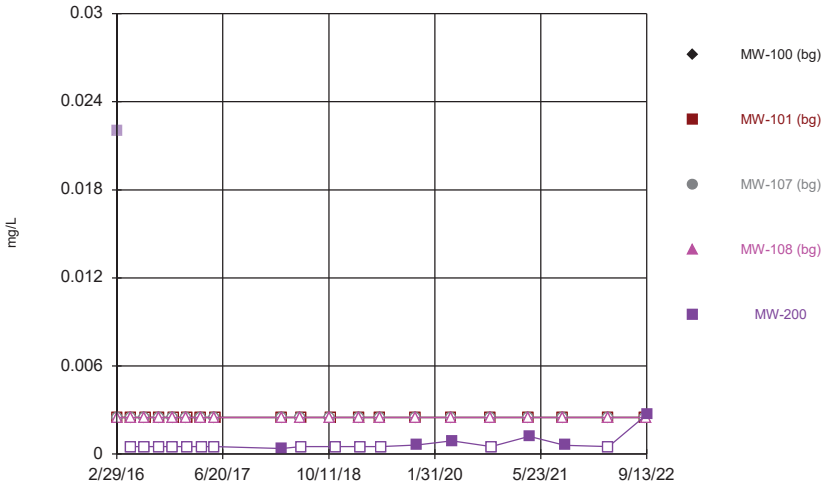
Time Series



Constituent: Boron Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

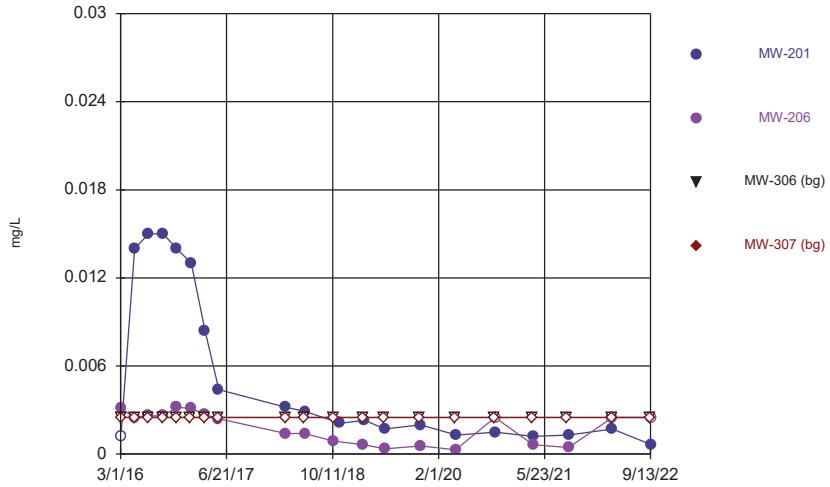
Time Series



Constituent: Cadmium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

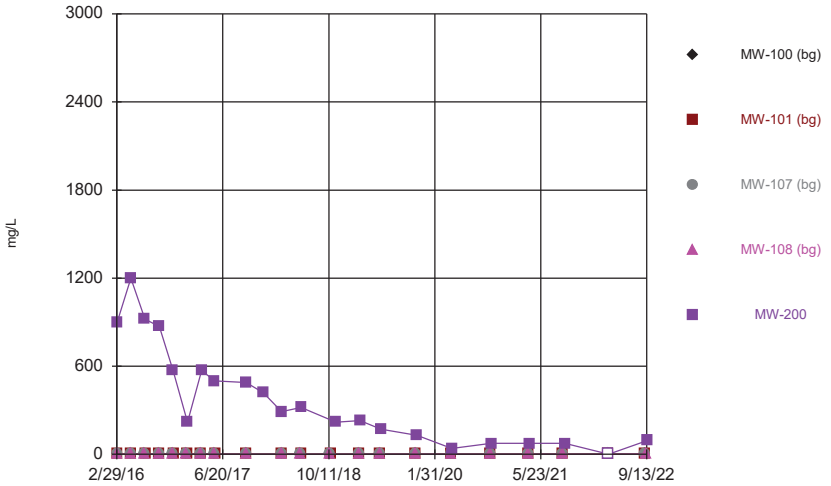
Time Series



Constituent: Cadmium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

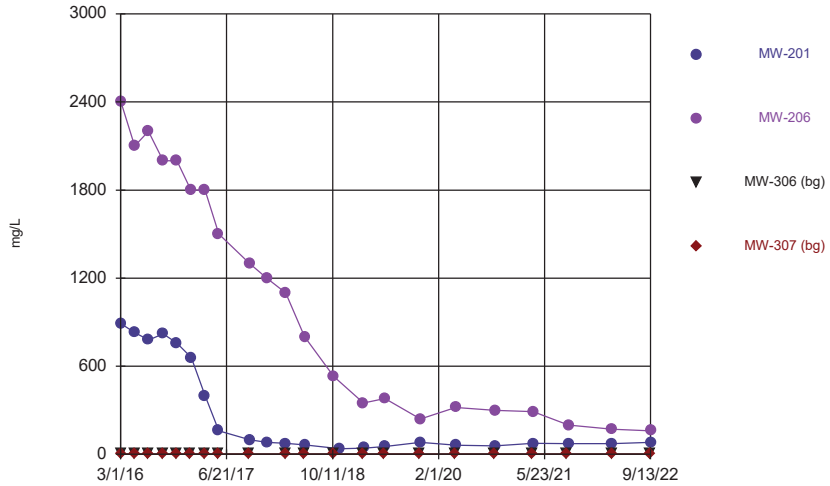
Time Series



Constituent: Calcium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

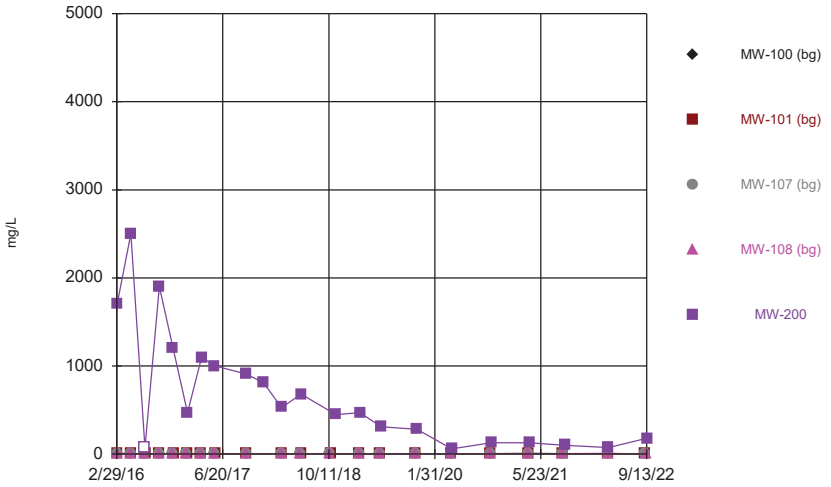
Time Series



Constituent: Calcium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

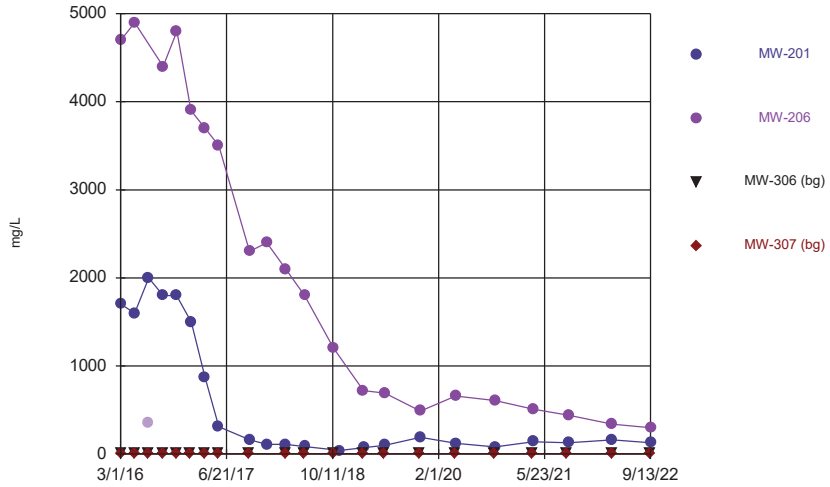
Time Series



Constituent: Chloride Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

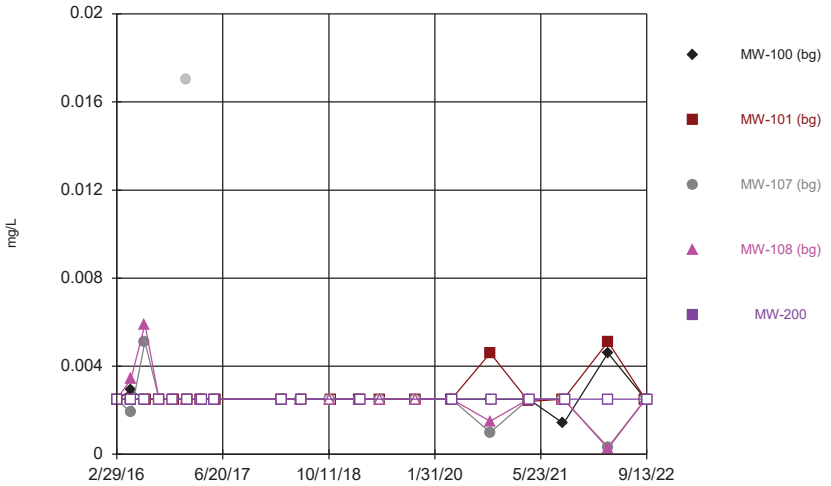
Time Series



Constituent: Chloride Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

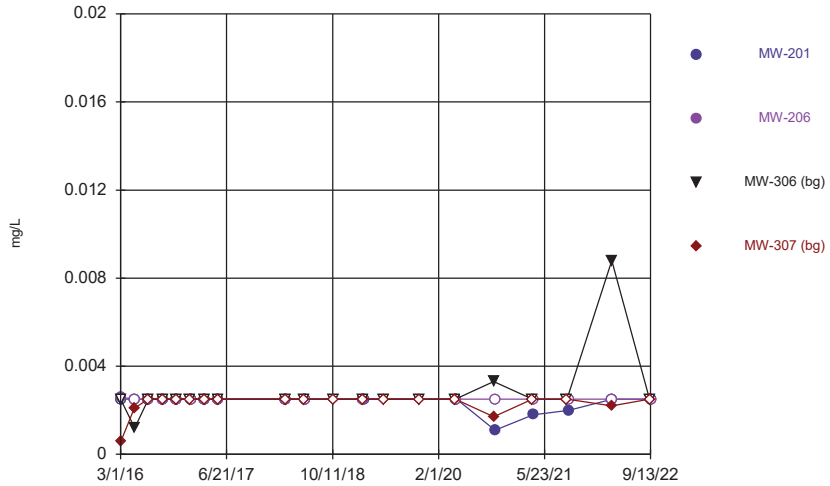
Time Series



Constituent: Chromium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

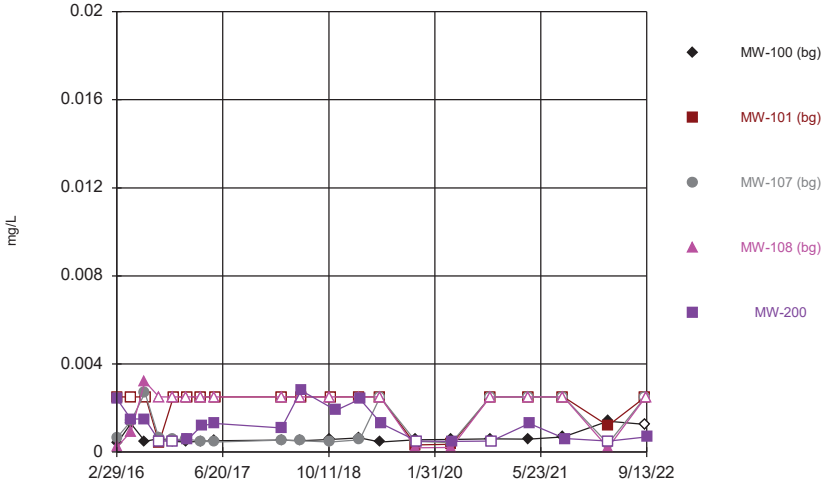
Time Series



Constituent: Chromium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

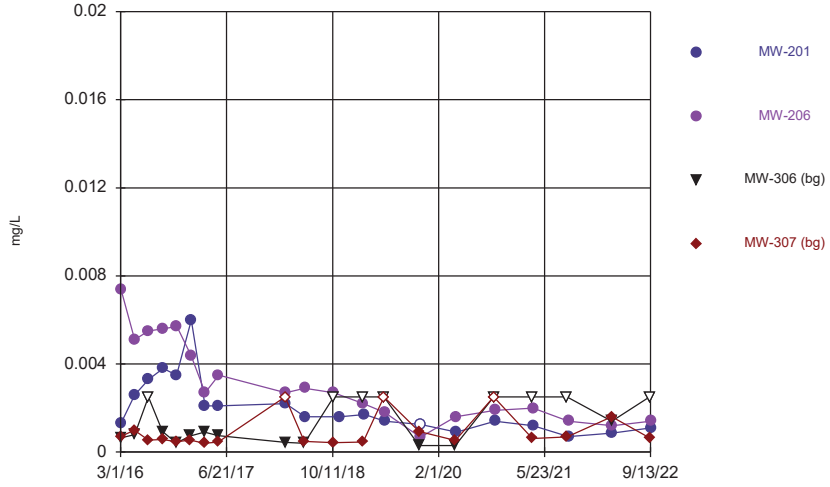
Time Series



Constituent: Cobalt Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

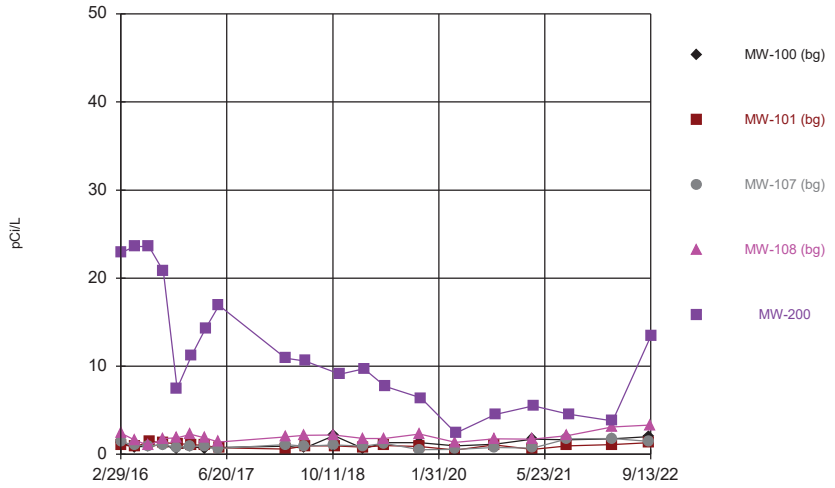
Time Series



Constituent: Cobalt Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

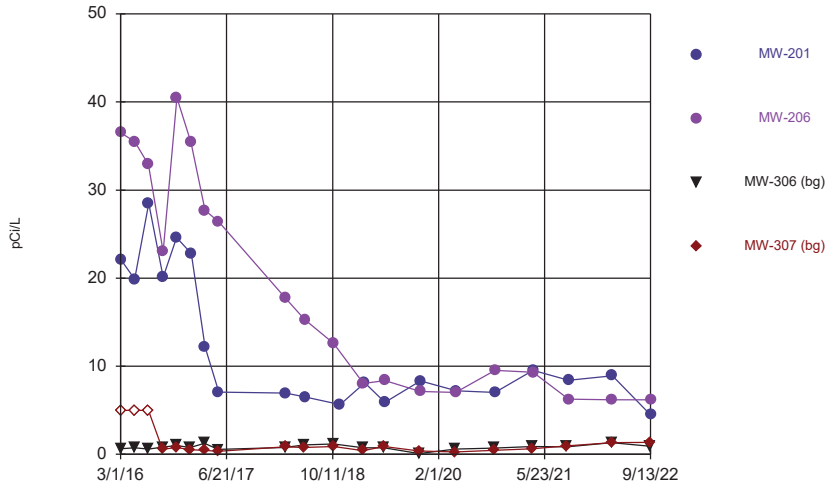
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

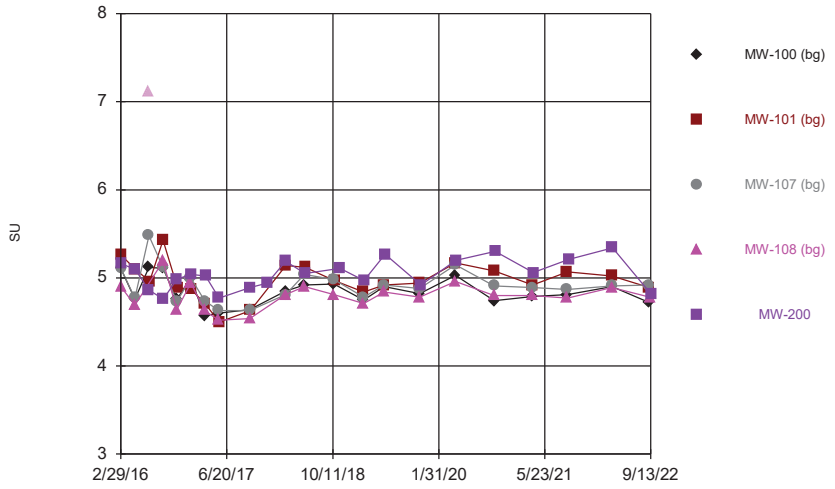
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

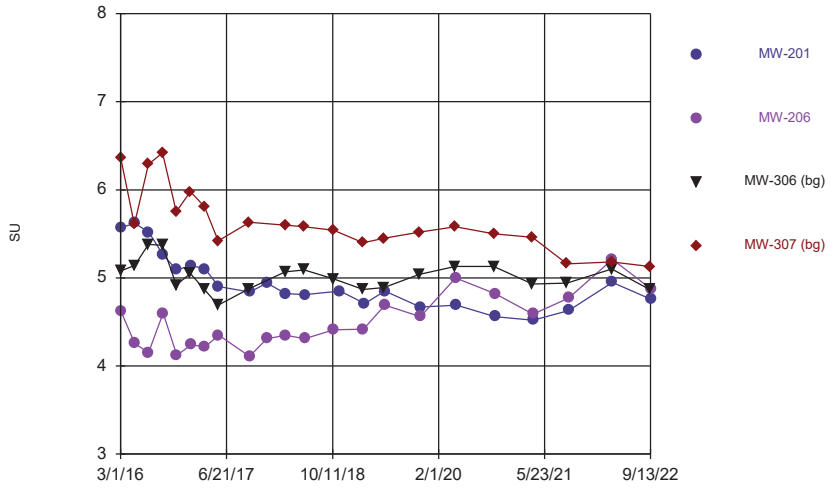
Time Series



Constituent: Field pH Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

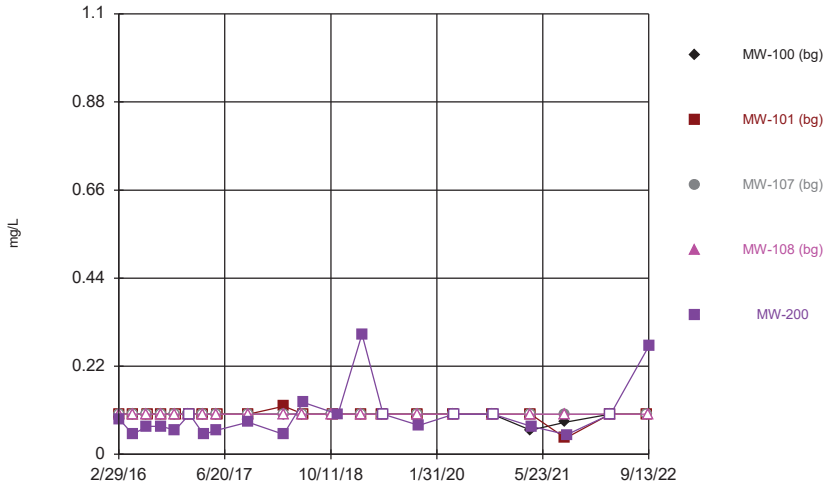
Time Series



Constituent: Field pH Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

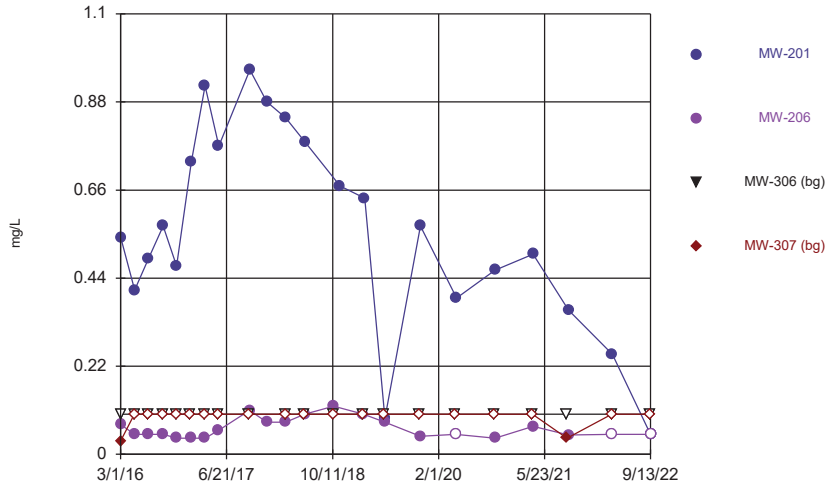
Time Series



Constituent: Fluoride Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

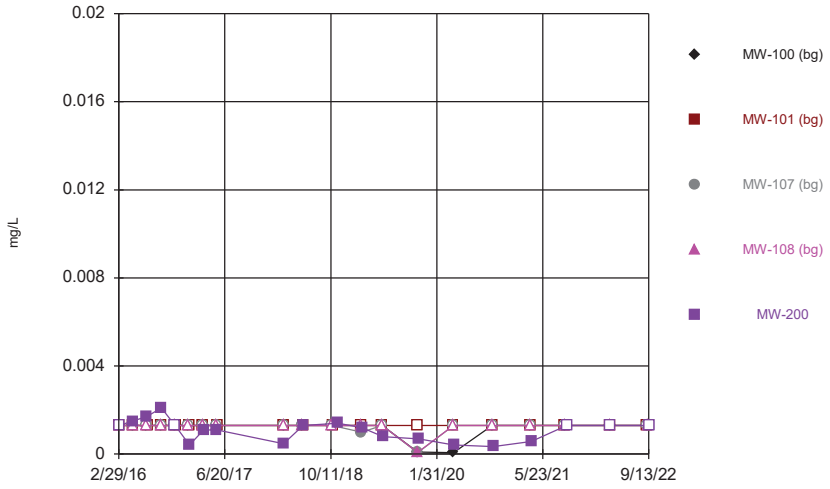
Time Series



Constituent: Fluoride Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

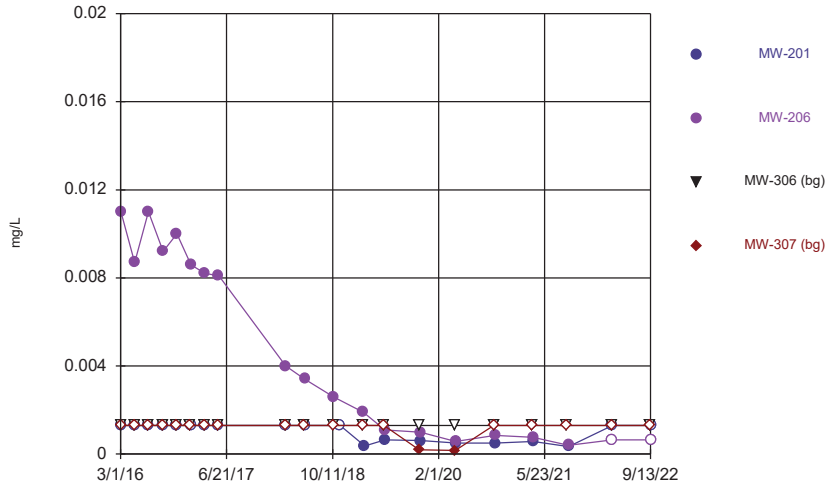
Time Series



Constituent: Lead Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

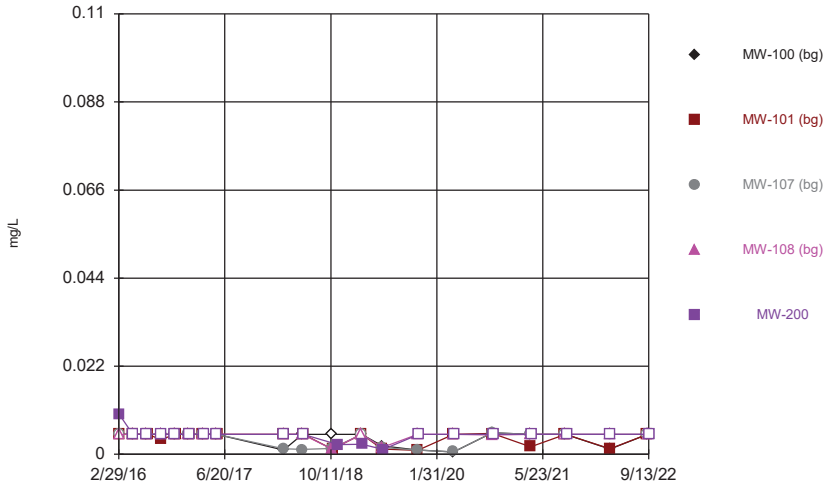
Time Series



Constituent: Lead Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

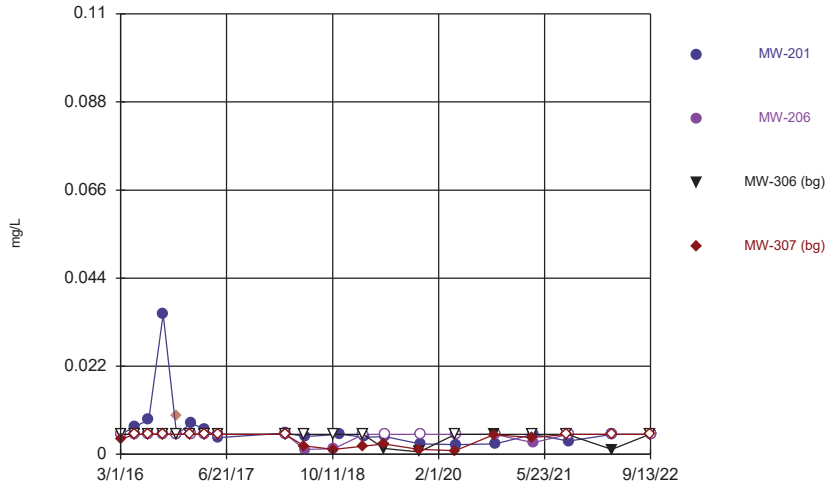
Time Series



Constituent: Lithium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

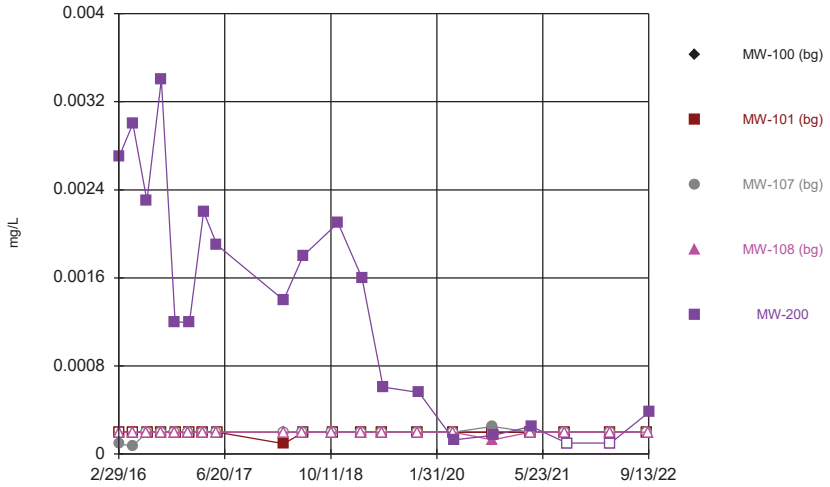
Time Series



Constituent: Lithium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

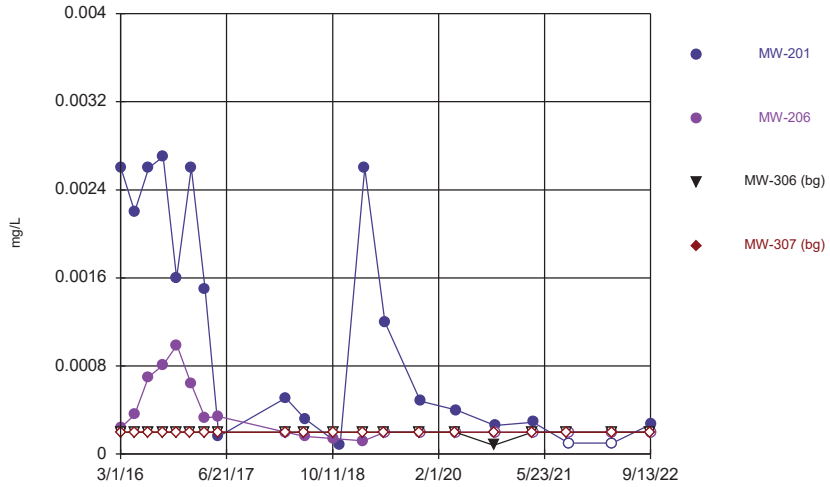
Time Series



Constituent: Mercury Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

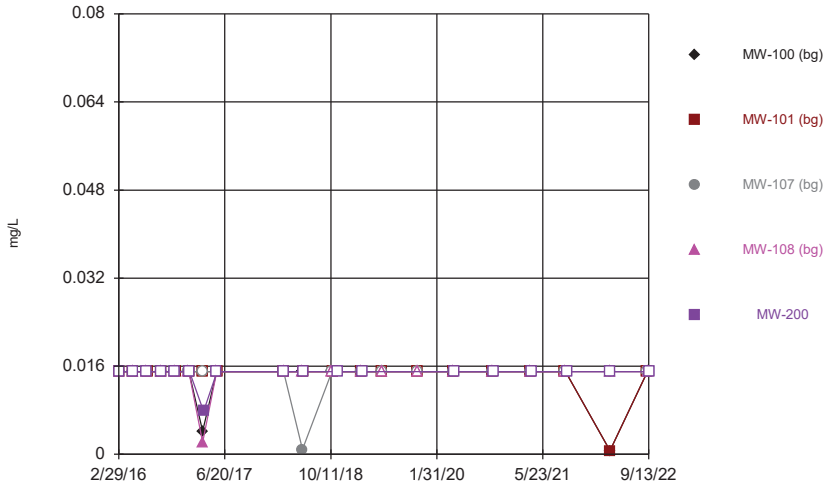
Time Series



Constituent: Mercury Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

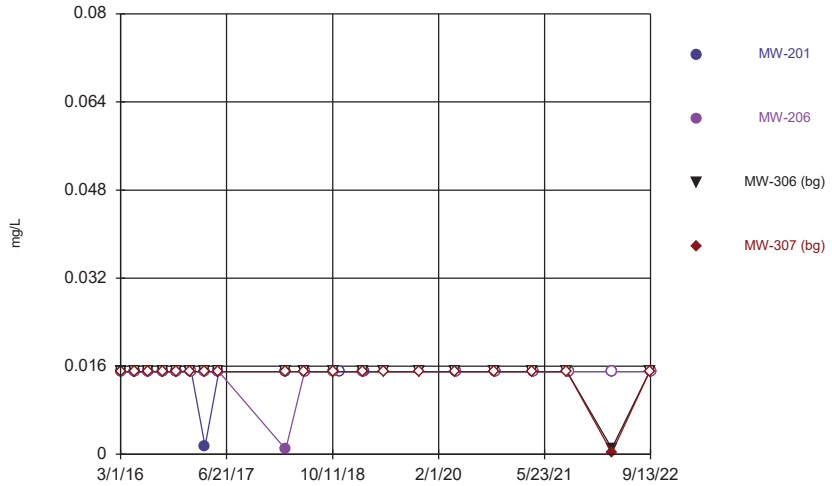
Time Series



Constituent: Molybdenum Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

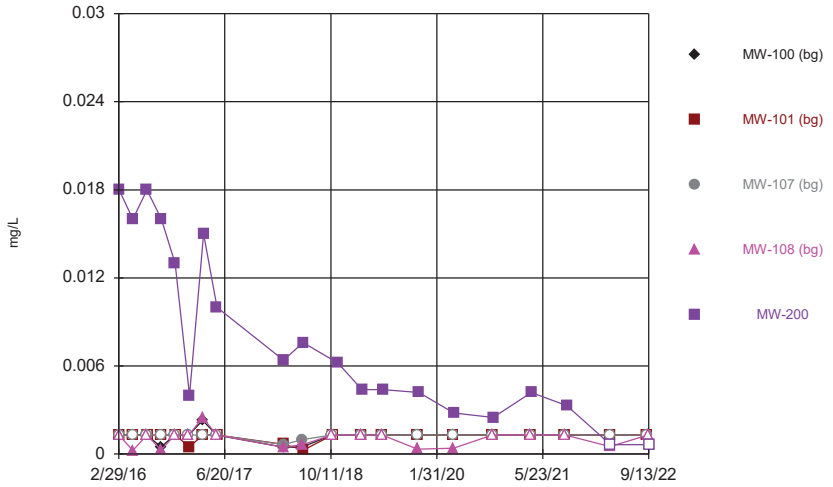
Time Series



Constituent: Molybdenum Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

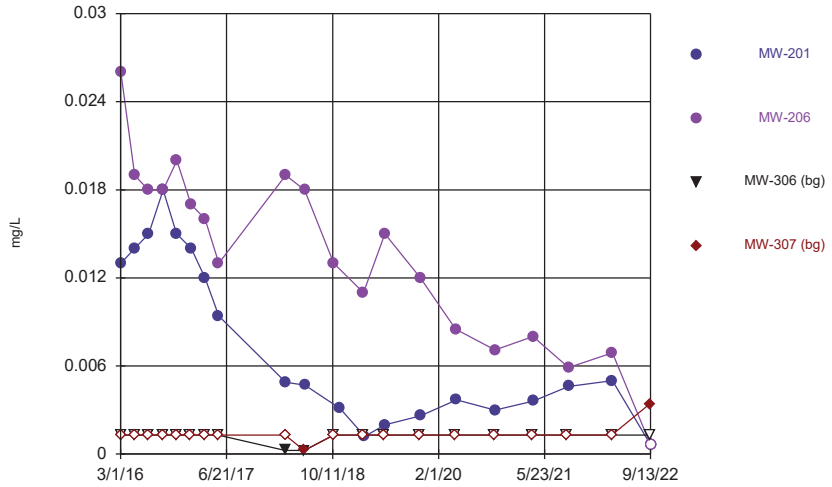
Time Series



Constituent: Selenium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

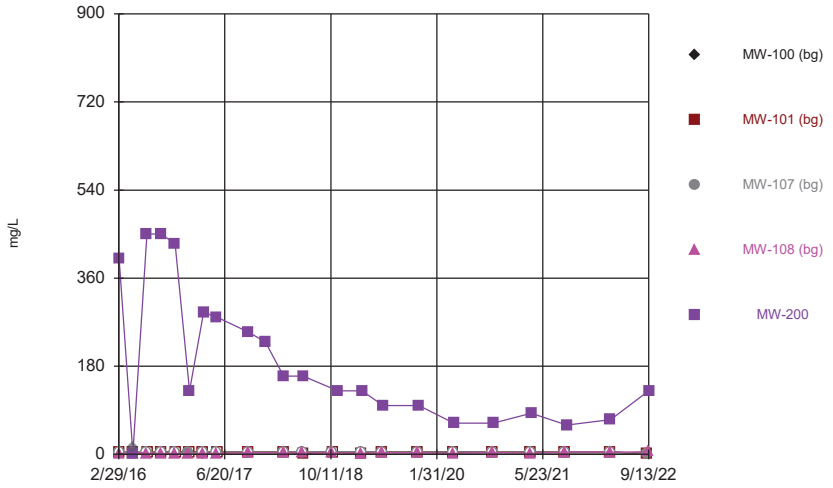
Time Series



Constituent: Selenium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

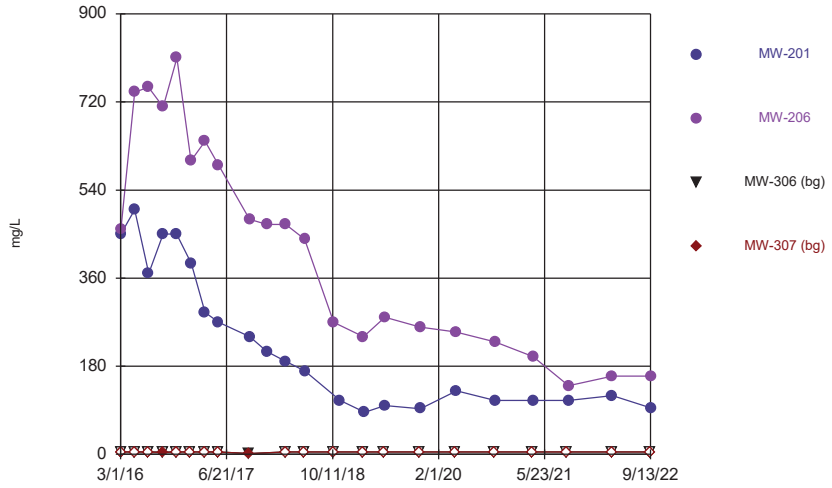
Time Series



Constituent: Sulfate Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

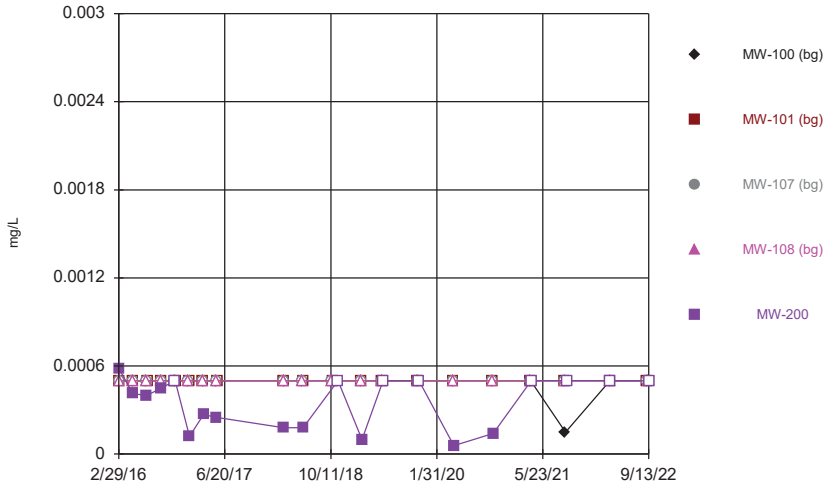
Time Series



Constituent: Sulfate Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

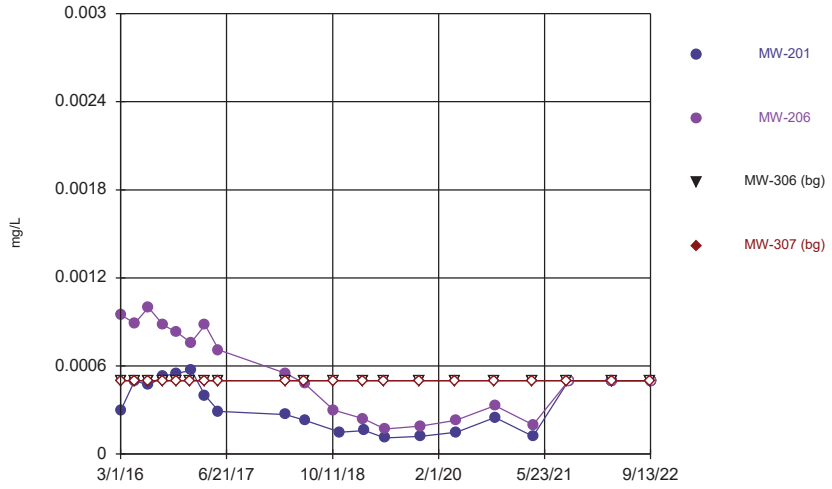
Time Series



Constituent: Thallium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

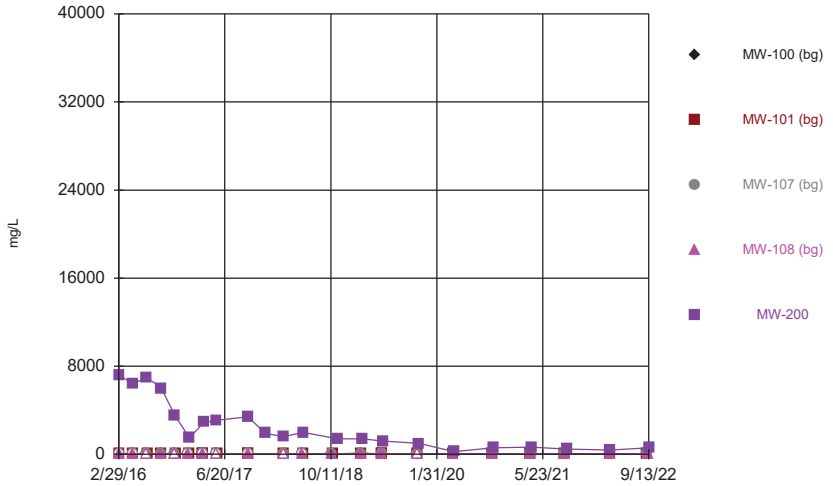
Time Series



Constituent: Thallium Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

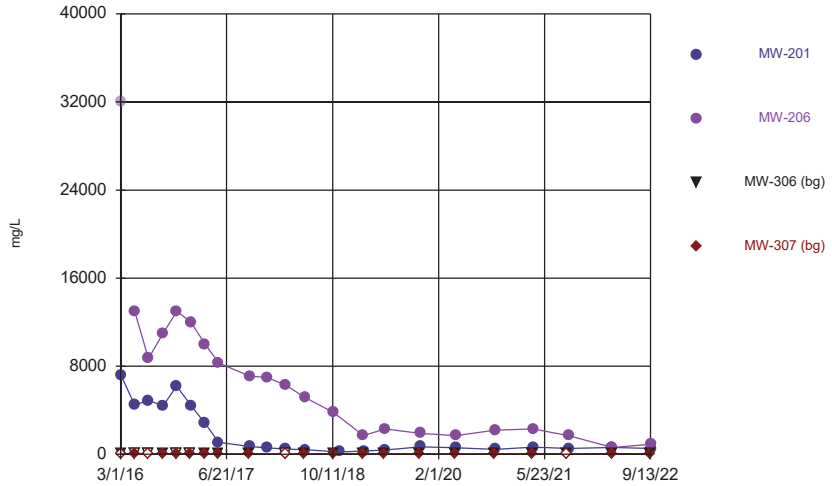
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:16 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025	
5/3/2016					<0.0025
5/4/2016		<0.0025			
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	<0.0025		<0.0025	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0025
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0025
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					<0.0025
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0025
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
11/13/2018					<0.0025
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	
4/18/2020					<0.0025
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	
10/12/2020					<0.0025
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025	
4/1/2021					<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2021					<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025	
3/25/2022					<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025		
9/8/2022				<0.0025	
9/13/2022					<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	<0.0025
3/2/2016	<0.0025	<0.0025		
5/2/2016				<0.0025
5/3/2016		<0.0025	<0.0025	
5/4/2016	0.001 (J)			
7/5/2016		<0.0025	<0.0025	<0.0025
7/6/2016	<0.0025			
9/6/2016			<0.0025	<0.0025
9/8/2016	<0.0025	<0.0025		
11/7/2016			<0.0025	<0.0025
11/8/2016	<0.0025			
11/9/2016		<0.0025		
1/9/2017			<0.0025	<0.0025
1/12/2017		<0.0025		
1/13/2017	<0.0025			
3/13/2017			<0.0025	<0.0025
3/16/2017	<0.0025			
3/17/2017		<0.0025		
5/15/2017			<0.0025	<0.0025
5/17/2017	<0.0025	<0.0025		
3/12/2018			<0.0025	<0.0025
3/14/2018	<0.0025	0.0011 (J)		
6/6/2018			<0.0025	<0.0025
6/8/2018		<0.0025		
6/9/2018	<0.0025			
10/17/2018		<0.0025	<0.0025	<0.0025
11/14/2018	0.001 (J)			
2/27/2019			<0.0025	<0.0025
2/28/2019		<0.0025		
3/5/2019	<0.0025			
4/16/2020			<0.0025	<0.0025
4/18/2020		<0.0025		
4/22/2020	<0.0025			
10/7/2020			<0.0025	<0.0025
10/12/2020	<0.0025	<0.0025		
3/29/2021			<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025		
9/2/2021			<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025		
3/22/2022			<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025		
9/8/2022			<0.0025	<0.0025
9/13/2022	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013	
3/2/2016					0.0059 (J)
5/2/2016	<0.0013		<0.0013	<0.0013	
5/3/2016					0.0038
5/4/2016		<0.0013			
7/5/2016	<0.0013		<0.0013	<0.0013	0.0051
7/8/2016		<0.0013			
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	
9/8/2016					0.0042 (J)
11/7/2016	<0.0013		<0.0013	<0.0013	
11/9/2016					<0.0013
11/10/2016		<0.0013			
1/9/2017	<0.0013		<0.0013	<0.0013	
1/11/2017		<0.0013			
1/12/2017					0.00068 (J)
3/13/2017	0.00069 (J)		<0.0013	0.00069 (J)	
3/14/2017		<0.0013			
3/17/2017					0.0029
5/15/2017	<0.0013		<0.0013	<0.0013	
5/16/2017					0.0018
5/18/2017		<0.0013			
3/12/2018	<0.0013		<0.0013	<0.0013	
3/13/2018					0.0013
3/14/2018		<0.0013			
6/5/2018	<0.0013		<0.0013	<0.0013	
6/8/2018					0.0018
6/10/2018		0.00046 (J)			
10/16/2018	<0.0013		<0.0013	<0.0013	
10/18/2018		<0.0013			
11/13/2018					0.00072 (J)
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	
2/28/2019					0.00067 (J)
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	
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	<0.0013	<0.0013	<0.0013	<0.0013	
4/18/2020					0.00044
10/7/2020	<0.0013	0.00056 (J)	<0.0013	<0.0013	
10/12/2020					<0.0013
3/29/2021	<0.0013	0.00078	<0.0013	0.00054	
4/1/2021					<0.0013
9/2/2021	0.00059 (J)	<0.0013	<0.0013	<0.0013	
9/8/2021					<0.0013
3/22/2022	<0.0013	<0.0013	<0.0013	0.00027	
3/25/2022					<0.0013
9/7/2022	<0.0013	<0.0013	<0.0013		
9/8/2022				<0.0013	
9/13/2022					<0.0013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0013	0.00038 (J)
3/2/2016	0.0033 (J)	0.021		
5/2/2016				0.00073 (J)
5/3/2016		0.016	<0.0013	
5/4/2016	0.0068			
7/5/2016		0.017	<0.0013	0.00077 (J)
7/6/2016	0.01			
9/6/2016			<0.0013	0.0013
9/8/2016	0.0093	0.011		
11/7/2016			<0.0013	<0.0013
11/8/2016	0.0043 (J)			
11/9/2016		0.011		
1/9/2017			<0.0013	0.00053 (J)
1/12/2017		0.0062		
1/13/2017	0.0034			
3/13/2017			<0.0013	<0.0013
3/16/2017	0.0023			
3/17/2017		0.0078		
5/15/2017			<0.0013	<0.0013
5/17/2017	0.0009 (J)	0.0052		
3/12/2018			<0.0013	<0.0013
3/14/2018	0.00062 (J)	0.0033		
6/6/2018			<0.0013	<0.0013
6/8/2018		0.003		
6/9/2018	0.00063 (J)			
10/17/2018		0.0028	<0.0013	<0.0013
11/14/2018	<0.0013			
2/27/2019			<0.0013	<0.0013
2/28/2019		0.00089 (J)		
3/5/2019	<0.0013			
5/31/2019			<0.0013	<0.0013
6/4/2019	<0.0013	0.001 (J)		
11/6/2019			0.00014 (J)	0.00024 (J)
11/12/2019	<0.0013	0.0022 (V)		
4/16/2020			<0.0013	<0.0013
4/18/2020		0.00086		
4/22/2020	<0.0013			
10/7/2020			0.00064 (J)	<0.0013
10/12/2020	<0.0013	0.0017		
3/29/2021			<0.0013	0.00042
4/1/2021	<0.0013	0.00064		
9/2/2021			<0.0013	<0.0013
9/8/2021	<0.0013	<0.0013		
3/22/2022			<0.0013	<0.0013
3/25/2022	<0.0013	<0.0013		
9/8/2022			<0.0013	<0.0013
9/13/2022	<0.0013	<0.0013		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.019	0.0092	0.01	0.012	
3/25/2022					<0.0005
9/7/2022	0.019	0.0089	0.012		
9/8/2022				0.012	
9/13/2022					0.059

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			0.013	0.018
3/25/2022	0.041	0.038		
9/8/2022			0.012	0.017
9/13/2022	0.034	0.039		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025	
5/3/2016					<0.0025
5/4/2016		<0.0025			
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0025
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	<0.0025		<0.0025	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0025
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0025
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					<0.0025
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0025
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
11/13/2018					<0.0025 (J3)
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	
6/4/2019					<0.0025
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0025	
11/12/2019					<0.0025
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0025	
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					<0.0025
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025	
4/1/2021					<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2021					<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025	
3/25/2022					<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025		
9/8/2022				<0.0025	
9/13/2022					<0.0025

ND substitution: RL or RL/2 if <15% NDs. Substitution method for trace values of the form <PQL(J): PQL.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	<0.0025
3/2/2016	<0.0025	0.00055 (J)		
5/2/2016				<0.0025
5/3/2016		<0.0025	<0.0025	
5/4/2016	<0.0025			
7/5/2016		0.00048 (J)	<0.0025	<0.0025
7/6/2016	<0.0025			
9/6/2016			<0.0025	<0.0025
9/8/2016	<0.0025	<0.0025		
11/7/2016			<0.0025	<0.0025
11/8/2016	<0.0025			
11/9/2016		<0.0025		
1/9/2017			<0.0025	<0.0025
1/12/2017		<0.0025		
1/13/2017	<0.0025			
3/13/2017			<0.0025	<0.0025
3/16/2017	<0.0025			
3/17/2017		0.00042 (J)		
5/15/2017			<0.0025	<0.0025
5/17/2017	<0.0025	<0.0025		
3/12/2018			<0.0025	<0.0025
3/14/2018	<0.0025	<0.0025		
6/6/2018			<0.0025	<0.0025
6/8/2018		<0.0025		
6/9/2018	<0.0025			
10/17/2018		<0.0025	<0.0025	<0.0025
11/14/2018	<0.0025 (J3)			
2/27/2019			<0.0025	<0.0025
2/28/2019		<0.0025		
3/5/2019	<0.0025			
5/31/2019			<0.0025	<0.0025
6/4/2019	<0.0025	<0.0025		
11/6/2019			<0.0025	<0.0025
11/12/2019	<0.0025	<0.0025		
4/16/2020			<0.0025	<0.0025
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	<0.0025	<0.0025		
3/29/2021			<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025		
9/2/2021			<0.0025	<0.0025
9/8/2021	<0.0025	<0.0025		
3/22/2022			<0.0025	<0.0025
3/25/2022	<0.0025	<0.0025		
9/8/2022			<0.0025	<0.0025
9/13/2022	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs. Substitution method for trace values of the form <PQL(J): PQL.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.018	<0.05	<0.018	<0.018	
3/2/2016					32
5/2/2016	<0.018		<0.018	<0.018	
5/3/2016					38
5/4/2016		<0.05			
7/5/2016	<0.018		<0.018	<0.018	42
7/8/2016		<0.05			
9/6/2016	<0.018	<0.05	<0.018	<0.018	
9/8/2016					36
11/7/2016	<0.018		<0.018	<0.018	
11/9/2016					25
11/10/2016		<0.05			
1/9/2017	<0.018		<0.018	<0.018	
1/11/2017		<0.05			
1/12/2017					9.1
3/13/2017	<0.018		<0.018	0.022 (J)	
3/14/2017		<0.05			
3/17/2017					28
5/15/2017	<0.018		<0.018	<0.018	
5/16/2017					21
5/18/2017		<0.05			
10/2/2017	<0.018		<0.018	0.023 (J)	
10/4/2017					18
10/5/2017		<0.05			
12/20/2017					16 (R)
3/12/2018	<0.018		<0.018	<0.018	
3/13/2018					10
3/14/2018		<0.05			
6/5/2018	<0.018		<0.018	<0.018	
6/8/2018					12
6/10/2018		<0.05			
10/16/2018	<0.018		<0.018	<0.018	
10/18/2018		0.081			
11/13/2018					9.1
2/27/2019	<0.018	<0.05	<0.018	<0.018	
2/28/2019					8.5
5/31/2019	<0.018	<0.05	<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	<0.05	<0.018	<0.018	
10/12/2020					3
3/29/2021	<0.018	<0.05	<0.018	<0.018	
4/1/2021					2.9
9/2/2021	0.021 (J)	<0.05	0.018 (J)	0.022 (J)	
9/8/2021					2.1
3/22/2022	0.013	0.012	0.013	0.017	
3/25/2022					0.0043 (J)
9/7/2022	0.031 (J)	0.029 (J)	0.031 (J)		
9/8/2022				0.055	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
9/13/2022					7.2

Time Series

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.05	<0.05
3/2/2016	33	82		
5/2/2016				<0.05
5/3/2016		100	<0.05	
5/4/2016	30			
7/5/2016		150	<0.05	<0.05
7/6/2016	35			
9/6/2016			<0.05	<0.05
9/8/2016	38	66		
11/7/2016			<0.05	<0.05
11/8/2016	39			
11/9/2016		81		
1/9/2017			<0.05	<0.05
1/12/2017		68		
1/13/2017	34			
3/13/2017			<0.05	<0.05
3/16/2017	21			
3/17/2017		72		
5/15/2017			<0.05	<0.05
5/17/2017	10	67		
10/2/2017			<0.05	<0.05
10/3/2017		52		
10/4/2017	6			
12/20/2017	4.9 (R)	51		
3/12/2018			<0.05	<0.05
3/14/2018	4.4	48		
6/6/2018			<0.05	<0.05
6/8/2018		40		
6/9/2018	4.1			
10/17/2018		25	<0.05	<0.05
11/14/2018	2.3			
2/27/2019			<0.05	<0.05
2/28/2019		20		
3/5/2019	2.1			
5/31/2019			<0.05	<0.05
6/4/2019	5.2	19		
11/6/2019			0.011 (V)	0.0099 (J)
11/12/2019	4.5	14		
4/16/2020			0.0075 (J)	0.0055 (J)
4/18/2020		17		
4/22/2020	4.2			
10/7/2020			<0.05	<0.05
10/12/2020	3.3	17		
3/29/2021			<0.05	<0.05
4/1/2021	4	19		
9/2/2021			<0.05	<0.05
9/8/2021	3.8	13		
3/22/2022			0.009 (J)	0.0063 (J)
3/25/2022	3.4	10		
9/8/2022			0.027 (J)	0.025 (J)
9/13/2022	2.7	9.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					0.022 (o)
5/2/2016	<0.0025		<0.0025	<0.0025	
5/3/2016					<0.0005
5/4/2016		<0.0025			
7/5/2016	<0.0025		<0.0025	<0.0025	<0.0005
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0005
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0005
11/10/2016		<0.0025			
1/9/2017	<0.0025		<0.0025	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0005
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0005
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0005
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					0.00039 (J)
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0005
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
11/13/2018					<0.0005
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0005
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	
6/4/2019					<0.0005
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2019					0.00061 (J)
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	
4/18/2020					0.00091
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025	
10/12/2020					<0.0005
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025	
4/1/2021					0.0012
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2021					0.0006 (J)
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025	
3/25/2022					<0.0005
9/7/2022	<0.0025	<0.0025	<0.0025		
9/8/2022				<0.0025	
9/13/2022					0.0027

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	<0.0025
3/2/2016	<0.0025	0.0031 (J)		
5/2/2016				<0.0025
5/3/2016		0.0025	<0.0025	
5/4/2016	0.014			
7/5/2016		0.0026	<0.0025	<0.0025
7/6/2016	0.015			
9/6/2016			<0.0025	<0.0025
9/8/2016	0.015	0.0026 (J)		
11/7/2016			<0.0025	<0.0025
11/8/2016	0.014			
11/9/2016		0.0032 (J)		
1/9/2017			<0.0025	<0.0025
1/12/2017		0.0031		
1/13/2017	0.013			
3/13/2017			<0.0025	<0.0025
3/16/2017	0.0084			
3/17/2017		0.0027		
5/15/2017			<0.0025	<0.0025
5/17/2017	0.0044	0.0024 (J)		
3/12/2018			<0.0025	<0.0025
3/14/2018	0.0032	0.0014 (J)		
6/6/2018			<0.0025	<0.0025
6/8/2018		0.0014 (J)		
6/9/2018	0.0029			
10/17/2018		0.00088 (J)	<0.0025	<0.0025
11/14/2018	0.0021 (J)			
2/27/2019			<0.0025	<0.0025
2/28/2019		0.00065 (J)		
3/5/2019	0.0023 (J)			
5/31/2019			<0.0025	<0.0025
6/4/2019	0.0017 (J)	0.00035 (J)		
11/6/2019			<0.0025	<0.0025
11/12/2019	0.002 (J)	0.00055 (J)		
4/16/2020			<0.0025	<0.0025
4/18/2020		0.00029 (J)		
4/22/2020	0.0013			
10/7/2020			<0.0025	<0.0025
10/12/2020	0.0015 (J)	<0.0025		
3/29/2021			<0.0025	<0.0025
4/1/2021	0.0012	0.00065		
9/2/2021			<0.0025	<0.0025
9/8/2021	0.0013 (J)	0.00044 (J)		
3/22/2022			<0.0025	<0.0025
3/25/2022	0.0017 (J)	<0.0025		
9/8/2022			<0.0025	<0.0025
9/13/2022	0.00066 (J)	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.9	0.38	0.33	1.6	
3/25/2022					<0.05
9/7/2022	1	0.6	0.61		
9/8/2022				2.1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
9/13/2022					93

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			0.81	0.7
3/25/2022	73	170		
9/8/2022			0.69	0.82
9/13/2022	82	160		

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	5.9	4.9	4.7	8.8	
3/25/2022					76
9/7/2022	4.4	3.4	3.6		
9/8/2022				3.4	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
9/13/2022					180

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			5.6	4.8
3/25/2022	160	340		
9/8/2022			4.3	5.3
9/13/2022	130	300		

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025	
3/2/2016					<0.0025
5/2/2016	0.0029		0.0019 (J)	0.0034	
5/3/2016					<0.0025
5/4/2016		<0.0025			
7/5/2016	<0.0025		0.0051	0.0059	<0.0025
7/8/2016		<0.0025			
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/8/2016					<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025	
11/9/2016					<0.0025
11/10/2016		<0.0025			
1/9/2017	<0.0025		0.017 (o)	<0.0025	
1/11/2017		<0.0025			
1/12/2017					<0.0025
3/13/2017	<0.0025		<0.0025	<0.0025	
3/14/2017		<0.0025			
3/17/2017					<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025	
5/16/2017					<0.0025
5/18/2017		<0.0025			
3/12/2018	<0.0025		<0.0025	<0.0025	
3/13/2018					<0.0025
3/14/2018		<0.0025			
6/5/2018	<0.0025		<0.0025	<0.0025	
6/8/2018					<0.0025
6/10/2018		<0.0025			
10/16/2018	<0.0025		<0.0025	<0.0025	
10/18/2018		<0.0025			
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2019					<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025	
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025	
4/18/2020					<0.0025
10/7/2020	<0.0025	0.0046	0.001 (J)	0.0015 (J)	
10/12/2020					<0.0025
3/29/2021	<0.0025	0.0024	<0.0025	<0.0025	
4/1/2021					<0.0025
9/2/2021	0.0014 (J)	<0.0025	<0.0025	<0.0025	
9/8/2021					<0.0025
3/22/2022	0.0046	0.0051	0.00032 (J)	0.00027 (J)	
3/25/2022					<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025		
9/8/2022				<0.0025	
9/13/2022					<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0025	0.00056 (J)
3/2/2016	<0.0025	0.0026 (J)		
5/2/2016				0.0021 (J)
5/3/2016		<0.0025	0.0012 (J)	
5/4/2016	<0.0025			
7/5/2016		<0.0025	<0.0025	<0.0025
7/6/2016	<0.0025			
9/6/2016			<0.0025	<0.0025
9/8/2016	<0.0025	<0.0025		
11/7/2016			<0.0025	<0.0025
11/8/2016	<0.0025			
11/9/2016		<0.0025		
1/9/2017			<0.0025	<0.0025
1/12/2017		<0.0025		
1/13/2017	<0.0025			
3/13/2017			<0.0025	<0.0025
3/16/2017	<0.0025			
3/17/2017		<0.0025		
5/15/2017			<0.0025	<0.0025
5/17/2017	<0.0025	<0.0025		
3/12/2018			<0.0025	<0.0025
3/14/2018	<0.0025	<0.0025		
6/6/2018			<0.0025	<0.0025
6/8/2018		<0.0025		
6/9/2018	<0.0025			
10/17/2018			<0.0025	<0.0025
2/27/2019			<0.0025	<0.0025
2/28/2019		<0.0025		
3/5/2019	<0.0025			
5/31/2019			<0.0025	<0.0025
11/6/2019			<0.0025	<0.0025
4/16/2020			<0.0025	<0.0025
4/18/2020		<0.0025		
4/22/2020	<0.0025			
10/7/2020			0.0033	0.0017 (J)
10/12/2020	0.0011 (J)	<0.0025		
3/29/2021			<0.0025	<0.0025
4/1/2021	0.0018	<0.0025		
9/2/2021			<0.0025	<0.0025
9/8/2021	0.002 (J)	<0.0025		
3/22/2022			0.0088	0.0022
3/25/2022	<0.0025	<0.0025		
9/8/2022			<0.0025	<0.0025
9/13/2022	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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)	<0.0025	0.00064 (J)	0.00023 (J)	
3/2/2016					0.0024 (J)
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)	
5/3/2016					0.0015 (J)
5/4/2016		<0.0025			
7/5/2016	0.00049 (J)		0.0027	0.0032	0.0015 (J)
7/8/2016		<0.0025			
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0025	
9/8/2016					<0.0005
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0025	
11/9/2016					<0.0005
11/10/2016		<0.0025			
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0025	
1/11/2017		<0.0025			
1/12/2017					0.00056 (J)
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0025	
3/14/2017		<0.0025			
3/17/2017					0.0012 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0025	
5/16/2017					0.0013 (J)
5/18/2017		<0.0025			
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0025	
3/13/2018					0.0011 (J)
3/14/2018		<0.0025			
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0025	
6/8/2018					0.0028
6/10/2018		<0.0025			
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0025	
10/18/2018		<0.0025			
11/13/2018					0.0019 (J)
2/27/2019	0.00065 (J)	<0.0025	0.00056 (J)	<0.0025	
2/28/2019					0.0024 (J)
5/31/2019	0.00046 (J)	<0.0025	<0.0025	<0.0025	
6/4/2019					0.0013 (J)
11/6/2019	0.00056 (J)	0.00033 (J)	0.00048 (J)	0.00019 (J)	
11/12/2019					<0.0005
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)	<0.0025	<0.0025	<0.0025	
10/12/2020					<0.0005
3/29/2021	0.00059	<0.0025	<0.0025	<0.0025	
4/1/2021					0.0013
9/2/2021	0.00069 (J)	<0.0025	<0.0025	<0.0025	
9/8/2021					0.00061 (J)
3/22/2022	0.0014	0.0012	0.00038 (J)	0.0002 (J)	
3/25/2022					<0.0005
9/7/2022	<0.0025	<0.0025	<0.0025		
9/8/2022				<0.0025	
9/13/2022					0.00069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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	<0.0025	0.00055 (J)
7/6/2016	0.0033			
9/6/2016			0.00094 (J)	0.00057 (J)
9/8/2016	0.0038 (J)	0.0056 (J)		
11/7/2016			0.00041 (J)	0.00047 (J)
11/8/2016	0.0035 (J)			
11/9/2016		0.0057 (J)		
1/9/2017			0.00074 (J)	0.00054 (J)
1/12/2017		0.0044		
1/13/2017	0.006			
3/13/2017			0.00091 (J)	0.0004 (J)
3/16/2017	0.0021 (J)			
3/17/2017		0.0027		
5/15/2017			0.00075 (J)	0.00046 (J)
5/17/2017	0.0021 (J)	0.0035		
3/12/2018			0.00044 (J)	<0.0025
3/14/2018	0.0022 (J)	0.0027		
6/6/2018			0.0004 (J)	0.00048 (J)
6/8/2018		0.0029		
6/9/2018	0.0016 (J)			
10/17/2018		0.0027	<0.0025	0.00043 (J)
11/14/2018	0.0016 (J)			
2/27/2019			<0.0025	0.00045 (J)
2/28/2019		0.0022 (J)		
3/5/2019	0.0017 (J)			
5/31/2019			<0.0025	<0.0025
6/4/2019	0.0014 (J)	0.0018 (J)		
11/6/2019			0.00029 (J)	0.00094 (J)
11/12/2019	<0.0025	0.00067 (J)		
4/16/2020			0.00029 (J)	0.00053
4/18/2020		0.0016		
4/22/2020	0.00091			
10/7/2020			<0.0025	<0.0025
10/12/2020	0.0014 (J)	0.0019 (J)		
3/29/2021			<0.0025	0.00062
4/1/2021	0.0012	0.002		
9/2/2021			<0.0025	0.00069 (J)
9/8/2021	0.00071 (J)	0.0014 (J)		
3/22/2022			0.0014	0.0016
3/25/2022	0.00086 (J)	0.0012 (J)		
9/8/2022			<0.0025	0.00064 (J)
9/13/2022	0.0011 (J)	0.0014 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	1.75	1.1	1.78	3.12	
3/25/2022					3.81
9/7/2022	2	1.32	1.46		
9/8/2022				3.32	
9/13/2022					13.4

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			1.33	1.32
3/25/2022	8.93	6.19		
9/8/2022			0.936	1.36
9/13/2022	4.5	6.19		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	4.9	5.02	4.91	4.89	
3/25/2022					5.34
9/7/2022	4.72	4.89	4.92		
9/8/2022				4.78	

Time Series

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
9/13/2022					4.82

Time Series

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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		
3/22/2022			5.1	5.18
3/25/2022	4.95	5.21		
9/8/2022			4.87	5.13
9/13/2022	4.76	4.88		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.1	<0.1	<0.1	<0.1	
3/2/2016					0.088 (J)
5/2/2016	<0.1		<0.1	<0.1	
5/3/2016					0.05 (J)
5/4/2016		<0.1			
7/5/2016	<0.1		<0.1	<0.1	0.07 (J)
7/8/2016		<0.1			
9/6/2016	<0.1	<0.1	<0.1	<0.1	
9/8/2016					0.07 (J)
11/7/2016	<0.1		<0.1	<0.1	
11/9/2016					0.06 (J)
11/10/2016		<0.1			
1/9/2017	<0.1		<0.1	<0.1	
1/11/2017		<0.1			
1/12/2017					<0.1
3/13/2017	<0.1		<0.1	<0.1	
3/14/2017		<0.1			
3/17/2017					0.05 (J)
5/15/2017	<0.1		<0.1	<0.1	
5/16/2017					0.06 (J)
5/18/2017		<0.1			
10/2/2017	<0.1		<0.1	<0.1	
10/4/2017					0.08 (J)
10/5/2017		<0.1			
3/12/2018	<0.1		<0.1	<0.1	
3/13/2018					0.05 (J)
3/14/2018		0.12			
6/5/2018	<0.1		<0.1	<0.1	
6/8/2018					0.13
6/10/2018		<0.1			
10/16/2018	<0.1		<0.1	<0.1	
10/18/2018		<0.1			
11/13/2018					0.1
2/27/2019	<0.1	<0.1	<0.1	<0.1	
2/28/2019					0.3
5/31/2019	<0.1	<0.1	<0.1	<0.1	
6/4/2019					<0.1
11/6/2019	<0.1	<0.1	<0.1	<0.1	
11/12/2019					0.072 (J)
4/16/2020	<0.1	<0.1	<0.1	<0.1	
4/18/2020					<0.1
10/7/2020	<0.1	<0.1	<0.1	<0.1	
10/12/2020					<0.1
3/29/2021	0.06	<0.1	<0.1	<0.1	
4/1/2021					0.07
9/2/2021	0.08 (J)	0.04 (J)	0.1	<0.1	
9/8/2021					0.049 (J)
3/22/2022	<0.1	<0.1	<0.1	<0.1	
3/25/2022					<0.1
9/7/2022	<0.1	<0.1	<0.1		
9/8/2022				<0.1	
9/13/2022					0.27 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.1	0.033 (J)
3/2/2016	0.54	0.074 (J)		
5/2/2016				<0.1
5/3/2016		0.05 (J)	<0.1	
5/4/2016	0.41			
7/5/2016		0.05 (J)	<0.1	<0.1
7/6/2016	0.49			
9/6/2016			<0.1	<0.1
9/8/2016	0.57	0.05 (J)		
11/7/2016			<0.1	<0.1
11/8/2016	0.47			
11/9/2016		0.04 (J)		
1/9/2017			<0.1	<0.1
1/12/2017		0.04 (J)		
1/13/2017	0.73			
3/13/2017			<0.1	<0.1
3/16/2017	0.92			
3/17/2017		0.04 (J)		
5/15/2017			<0.1	<0.1
5/17/2017	0.77	0.06 (J)		
10/2/2017			<0.1	<0.1
10/3/2017		0.11		
10/4/2017	0.96			
12/20/2017	0.88 (R)	0.08 (I)		
3/12/2018			<0.1	<0.1
3/14/2018	0.84	0.08 (J)		
6/6/2018			<0.1	<0.1
6/8/2018		0.1		
6/9/2018	0.78			
10/17/2018		0.12	<0.1	<0.1
11/14/2018	0.67			
2/27/2019			<0.1	<0.1
2/28/2019		0.1		
3/5/2019	0.64			
5/31/2019			<0.1	<0.1
6/4/2019	0.09 (J)	0.08 (J)		
11/6/2019			<0.1	<0.1
11/12/2019	0.57	0.045 (J)		
4/16/2020			<0.1	<0.1
4/18/2020		<0.1		
4/22/2020	0.39			
10/7/2020			<0.1	<0.1
10/12/2020	0.46	0.04 (J)		
3/29/2021			<0.1	<0.1
4/1/2021	0.5	0.07		
9/2/2021			<0.1	0.04 (J)
9/8/2021	0.36	0.048 (J)		
3/22/2022			<0.1	<0.1
3/25/2022	0.25	<0.1		
9/8/2022			<0.1	<0.1
9/13/2022	<0.1	<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013	
3/2/2016					<0.0013
5/2/2016	<0.0013		<0.0013	<0.0013	
5/3/2016					0.0015
5/4/2016		<0.0013			
7/5/2016	<0.0013		<0.0013	<0.0013	0.0017
7/8/2016		<0.0013			
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013	
9/8/2016					0.0021 (J)
11/7/2016	<0.0013		<0.0013	<0.0013	
11/9/2016					<0.0013
11/10/2016		<0.0013			
1/9/2017	<0.0013		<0.0013	<0.0013	
1/11/2017		<0.0013			
1/12/2017					0.00041 (J)
3/13/2017	<0.0013		<0.0013	<0.0013	
3/14/2017		<0.0013			
3/17/2017					0.0011 (J)
5/15/2017	<0.0013		<0.0013	<0.0013	
5/16/2017					0.0011 (J)
5/18/2017		<0.0013			
3/12/2018	<0.0013		<0.0013	<0.0013	
3/13/2018					0.00047 (J)
3/14/2018		<0.0013			
6/5/2018	<0.0013		<0.0013	<0.0013	
6/8/2018					0.0013
6/10/2018		<0.0013			
10/16/2018	<0.0013		<0.0013	<0.0013	
10/18/2018		<0.0013			
11/13/2018					0.0014
2/27/2019	<0.0013	<0.0013	0.001 (J)	<0.0013	
2/28/2019					0.0012 (J)
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	
6/4/2019					0.00079 (J)
11/6/2019	0.0001 (J)	<0.0013	6.6E-05 (J)	8.4E-05 (J)	
11/12/2019					0.00069 (J)
4/16/2020	6.6E-05 (J)	<0.0013	<0.0013	<0.0013	
4/18/2020					0.00042
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013	
10/12/2020					0.00034 (J)
3/29/2021	<0.0013	<0.0013	<0.0013	<0.0013	
4/1/2021					0.00058
9/2/2021	<0.0013	<0.0013	<0.0013	<0.0013	
9/8/2021					<0.0013
3/22/2022	<0.0013	<0.0013	<0.0013	<0.0013	
3/25/2022					<0.0013
9/7/2022	<0.0013	<0.0013	<0.0013		
9/8/2022				<0.0013	
9/13/2022					<0.0013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0013	<0.0013
3/2/2016	<0.0013	0.011		
5/2/2016				<0.0013
5/3/2016		0.0087	<0.0013	
5/4/2016	<0.0013			
7/5/2016		0.011	<0.0013	<0.0013
7/6/2016	<0.0013			
9/6/2016			<0.0013	<0.0013
9/8/2016	<0.0013	0.0092		
11/7/2016			<0.0013	<0.0013
11/8/2016	<0.0013			
11/9/2016		0.01		
1/9/2017			<0.0013	<0.0013
1/12/2017		0.0086		
1/13/2017	<0.0013			
3/13/2017			<0.0013	<0.0013
3/16/2017	<0.0013			
3/17/2017		0.0082		
5/15/2017			<0.0013	<0.0013
5/17/2017	<0.0013	0.0081		
3/12/2018			<0.0013	<0.0013
3/14/2018	<0.0013	0.004		
6/6/2018			<0.0013	<0.0013
6/8/2018		0.0034		
6/9/2018	<0.0013			
10/17/2018		0.0026	<0.0013	<0.0013
11/14/2018	<0.0013			
2/27/2019			<0.0013	<0.0013
2/28/2019		0.0019		
3/5/2019	0.00037 (J)			
5/31/2019			<0.0013	<0.0013
6/4/2019	0.00065 (J)	0.0011 (J)		
11/6/2019			<0.0013	0.0002 (J)
11/12/2019	0.00061 (J)	0.001 (J)		
4/16/2020			<0.0013	0.00016 (J)
4/18/2020		0.00057		
4/22/2020	0.0005			
10/7/2020			<0.0013	<0.0013
10/12/2020	0.0005 (J)	0.00085 (J)		
3/29/2021			<0.0013	<0.0013
4/1/2021	0.00057	0.00076		
9/2/2021			<0.0013	<0.0013
9/8/2021	0.00034 (J)	0.0004 (J)		
3/22/2022			<0.0013	<0.0013
3/25/2022	<0.0013	<0.0013		
9/8/2022			<0.0013	<0.0013
9/13/2022	<0.0013	<0.0013		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.005	<0.005	<0.005	<0.005	
3/2/2016					0.01 (J)
5/2/2016	<0.005		<0.005	<0.005	
5/3/2016					<0.005
5/4/2016		<0.005			
7/5/2016	<0.005		<0.005	<0.005	<0.005
7/8/2016		<0.005			
9/6/2016	<0.005	0.0037 (J)	<0.005	<0.005	
9/8/2016					<0.005
11/7/2016	<0.005		<0.005	<0.005	
11/9/2016					<0.005
11/10/2016		<0.005			
1/9/2017	<0.005		<0.005	<0.005	
1/11/2017		<0.005			
1/12/2017					<0.005
3/13/2017	<0.005		<0.005	<0.005	
3/14/2017		<0.005			
3/17/2017					<0.005
5/15/2017	<0.005		<0.005	<0.005	
5/16/2017					<0.005
5/18/2017		<0.005			
3/12/2018	0.0011 (J)		0.0014 (J)	<0.005	
3/13/2018					<0.005
3/14/2018		<0.005			
6/5/2018	<0.005		0.0012 (J)	<0.005	
6/8/2018					<0.005
6/10/2018		<0.005			
10/16/2018	<0.005		0.0015 (J)	0.0013 (J)	
10/18/2018		0.0013 (J)			
11/13/2018					0.0024 (J)
2/27/2019	<0.005	<0.005	<0.005	<0.005	
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	<0.005	
11/12/2019					<0.005
4/16/2020	0.0006 (J)	<0.005	0.00063 (J)	<0.005	
4/18/2020					<0.005
10/7/2020	0.0054	0.0052	0.0054	0.0048 (J)	
10/12/2020					<0.005
3/29/2021	<0.005	0.0019	<0.005	<0.005	
4/1/2021					<0.005
9/2/2021	<0.005	<0.005	<0.005	<0.005	
9/8/2021					<0.005
3/22/2022	0.0013	0.0014	<0.005	<0.005	
3/25/2022					<0.005
9/7/2022	<0.005	<0.005	<0.005		
9/8/2022				<0.005	
9/13/2022					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.005	0.0037
3/2/2016	<0.005	<0.005		
5/2/2016				<0.005
5/3/2016		<0.005	<0.005	
5/4/2016	0.0069			
7/5/2016		<0.005	<0.005	<0.005
7/6/2016	0.0086			
9/6/2016			<0.005	<0.005
9/8/2016	0.035	<0.005		
11/7/2016			<0.005	0.0097 (o)
11/8/2016	<0.005			
11/9/2016		<0.005		
1/9/2017			<0.005	<0.005
1/12/2017		<0.005		
1/13/2017	0.0078			
3/13/2017			<0.005	<0.005
3/16/2017	0.0062			
3/17/2017		<0.005		
5/15/2017			<0.005	<0.005
5/17/2017	0.0042 (J)	<0.005		
3/12/2018			<0.005	<0.005
3/14/2018	0.0053	<0.005		
6/6/2018			<0.005	0.0021 (J)
6/8/2018		0.0012 (J)		
6/9/2018	0.0044 (J)			
10/17/2018		0.0014 (J)	<0.005	0.0012 (J)
11/14/2018	0.005			
2/27/2019			<0.005	0.002 (J)
2/28/2019		<0.005		
3/5/2019	0.0043 (J)			
5/31/2019			0.0015 (J)	0.0026 (J)
6/4/2019	0.0044 (J)	<0.005		
11/6/2019			0.00063 (J)	0.0012
11/12/2019	0.0026 (J)	<0.005		
4/16/2020			<0.005	0.00091 (J)
4/18/2020		<0.005		
4/22/2020	0.0024			
10/7/2020			0.005	0.0049 (J)
10/12/2020	0.0026 (J)	<0.005		
3/29/2021			<0.005	0.0042
4/1/2021	0.005	0.0029		
9/2/2021			<0.005	<0.005
9/8/2021	0.0033 (J)	<0.005		
3/22/2022			0.0012	<0.005
3/25/2022	<0.005	<0.005		
9/8/2022			<0.005	<0.005
9/13/2022	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002	
3/2/2016					0.0027
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002	
5/3/2016					0.003
5/4/2016		<0.0002			
7/5/2016	<0.0002		<0.0002	<0.0002	0.0023
7/8/2016		<0.0002 (*)			
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002	
9/8/2016					0.0034
11/7/2016	<0.0002		<0.0002	<0.0002	
11/9/2016					0.0012
11/10/2016		<0.0002			
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)	
1/11/2017		<0.0002			
1/12/2017					0.0012
3/13/2017	<0.0002		<0.0002	<0.0002	
3/14/2017		<0.0002 (*)			
3/17/2017					0.0022
5/15/2017	<0.0002		<0.0002	<0.0002	
5/16/2017					0.0019
5/18/2017		<0.0002			
3/12/2018	<0.0002		<0.0002	<0.0002	
3/13/2018					0.0014
3/14/2018		9.3E-05 (J)			
6/5/2018	<0.0002		<0.0002	<0.0002	
6/8/2018					0.0018
6/10/2018		<0.0002			
10/16/2018	<0.0002		<0.0002	<0.0002	
10/18/2018		<0.0002			
11/13/2018					0.0021
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2019					0.0016
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	
6/4/2019					0.00061
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2019					0.00056
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002	
4/18/2020					0.00013 (J)
10/7/2020	<0.0002	<0.0002	0.00025	0.00013 (J)	
10/12/2020					0.00017 (J)
3/29/2021	<0.0002	<0.0002	<0.0002	<0.0002	
4/1/2021					0.00025
9/2/2021	<0.0002	<0.0002	<0.0002	<0.0002	
9/8/2021					<0.0002
3/22/2022	<0.0002	<0.0002	<0.0002	<0.0002	
3/25/2022					<0.0002
9/7/2022	<0.0002	<0.0002	<0.0002		
9/8/2022				<0.0002	
9/13/2022					0.00038

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0002	<0.0002
3/2/2016	0.0026	0.00024		
5/2/2016				<0.0002
5/3/2016		0.00036	<0.0002	
5/4/2016	0.0022			
7/5/2016		0.0007	<0.0002	<0.0002
7/6/2016	0.0026			
9/6/2016			<0.0002 (*)	<0.0002 (*)
9/8/2016	0.0027	0.00081		
11/7/2016			<0.0002	<0.0002
11/8/2016	0.0016			
11/9/2016		0.00099		
1/9/2017			<0.0002 (*)	<0.0002 (*)
1/12/2017		0.00064		
1/13/2017	0.0026			
3/13/2017			<0.0002	<0.0002
3/16/2017	0.0015			
3/17/2017		0.00033		
5/15/2017			<0.0002	<0.0002
5/17/2017	0.00016 (J)	0.00034		
3/12/2018			<0.0002	<0.0002
3/14/2018	0.00051	0.0002		
6/6/2018			<0.0002	<0.0002
6/8/2018		0.00016 (J)		
6/9/2018	0.00032			
10/17/2018		0.00014 (J)	<0.0002	<0.0002
11/14/2018	8.2E-05 (J)			
2/27/2019			<0.0002	<0.0002
2/28/2019		0.00012 (J)		
3/5/2019	0.0026			
5/31/2019			<0.0002	<0.0002
6/4/2019	0.0012	<0.0002		
11/6/2019			<0.0002	<0.0002
11/12/2019	0.00048	<0.0002		
4/16/2020			<0.0002	<0.0002
4/18/2020		<0.0002		
4/22/2020	0.0004			
10/7/2020			8E-05 (J)	<0.0002
10/12/2020	0.00026	<0.0002		
3/29/2021			<0.0002	<0.0002
4/1/2021	0.00029	<0.0002		
9/2/2021			<0.0002	<0.0002
9/8/2021	<0.0002	<0.0002		
3/22/2022			<0.0002	<0.0002
3/25/2022	<0.0002	<0.0002		
9/8/2022			<0.0002	<0.0002
9/13/2022	0.00027	<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.015	<0.015	<0.015	<0.015	
3/2/2016					<0.015
5/2/2016	<0.015		<0.015	<0.015	
5/3/2016					<0.015
5/4/2016		<0.015			
7/5/2016	<0.015		<0.015	<0.015	<0.015
7/8/2016		<0.015			
9/6/2016	<0.015	<0.015	<0.015	<0.015	
9/8/2016					<0.015
11/7/2016	<0.015		<0.015	<0.015	
11/9/2016					<0.015
11/10/2016		<0.015			
1/9/2017	<0.015		<0.015	<0.015	
1/11/2017		<0.015			
1/12/2017					<0.015
3/13/2017	0.0042 (J)		<0.015	0.0022 (J)	
3/14/2017		<0.015			
3/17/2017					0.0078 (J)
5/15/2017	<0.015		<0.015	<0.015	
5/16/2017					<0.015
5/18/2017		<0.015			
3/12/2018	<0.015		<0.015	<0.015	
3/13/2018					<0.015
3/14/2018		<0.015			
6/5/2018	<0.015		0.00088 (J)	<0.015	
6/8/2018					<0.015
6/10/2018		<0.015			
10/16/2018	<0.015		<0.015	<0.015	
10/18/2018		<0.015			
11/13/2018					<0.015
2/27/2019	<0.015	<0.015	<0.015	<0.015	
2/28/2019					<0.015
5/31/2019	<0.015	<0.015	<0.015	<0.015	
11/6/2019	<0.015	<0.015	<0.015	<0.015	
4/16/2020	<0.015	<0.015	<0.015	<0.015	
4/18/2020					<0.015
10/7/2020	<0.015	<0.015	<0.015	<0.015	
10/12/2020					<0.015
3/29/2021	<0.015	<0.015	<0.015	<0.015	
4/1/2021					<0.015
9/2/2021	<0.015	<0.015	<0.015	<0.015	
9/8/2021					<0.015
3/22/2022	0.00066 (J)	0.00064 (J)	<0.015	<0.015	
3/25/2022					<0.015
9/7/2022	<0.015	<0.015	<0.015		
9/8/2022				<0.015	
9/13/2022					<0.015

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.015	<0.015
3/2/2016	<0.015	<0.015		
5/2/2016				<0.015
5/3/2016		<0.015	<0.015	
5/4/2016	<0.015			
7/5/2016		<0.015	<0.015	<0.015
7/6/2016	<0.015			
9/6/2016			<0.015	<0.015
9/8/2016	<0.015	<0.015		
11/7/2016			<0.015	<0.015
11/8/2016	<0.015			
11/9/2016		<0.015		
1/9/2017			<0.015	<0.015
1/12/2017		<0.015		
1/13/2017	<0.015			
3/13/2017			<0.015	<0.015
3/16/2017	0.0015 (J)			
3/17/2017		<0.015		
5/15/2017			<0.015	<0.015
5/17/2017	<0.015	<0.015		
3/12/2018			<0.015	<0.015
3/14/2018	<0.015	0.00092 (J)		
6/6/2018			<0.015	<0.015
6/8/2018		<0.015		
6/9/2018	<0.015			
10/17/2018		<0.015	<0.015	<0.015
11/14/2018	<0.015			
2/27/2019			<0.015	<0.015
2/28/2019		<0.015		
3/5/2019	<0.015			
5/31/2019			<0.015	<0.015
11/6/2019			<0.015	<0.015
4/16/2020			<0.015	<0.015
4/18/2020		<0.015		
4/22/2020	<0.015			
10/7/2020			<0.015	<0.015
10/12/2020	<0.015	<0.015		
3/29/2021			<0.015	<0.015
4/1/2021	<0.015	<0.015		
9/2/2021			<0.015	<0.015
9/8/2021	<0.015	<0.015		
3/22/2022			0.0011 (J)	0.00031 (J)
3/25/2022	<0.015	<0.015		
9/8/2022			<0.015	<0.015
9/13/2022	<0.015	<0.015		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013	
3/2/2016					0.018
5/2/2016	<0.0013		<0.0013	0.00025 (J)	
5/3/2016					0.016
5/4/2016		<0.0013			
7/5/2016	<0.0013		<0.0013	<0.0013	0.018
7/8/2016		<0.0013			
9/6/2016	0.00049 (J)	<0.0013	<0.0013	0.00027 (J)	
9/8/2016					0.016
11/7/2016	<0.0013		<0.0013	<0.0013	
11/9/2016					0.013
11/10/2016		<0.0013			
1/9/2017	<0.0013		<0.0013	<0.0013	
1/11/2017		0.00049 (J)			
1/12/2017					0.004
3/13/2017	0.0023		<0.0013	0.0025	
3/14/2017		<0.0013			
3/17/2017					0.015
5/15/2017	<0.0013		<0.0013	<0.0013	
5/16/2017					0.01
5/18/2017		<0.0013			
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	<0.0013		<0.0013	<0.0013	
10/18/2018		<0.0013			
11/13/2018					0.0062
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013	
2/28/2019					0.0044
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	
6/4/2019					0.0044
11/6/2019	<0.0013	<0.0013	<0.0013	0.00034	
11/12/2019					0.0042
4/16/2020	<0.0013	<0.0013	<0.0013	0.0004	
4/18/2020					0.0028
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013	
10/12/2020					0.0025
3/29/2021	<0.0013	<0.0013	<0.0013	<0.0013	
4/1/2021					0.0042
9/2/2021	<0.0013	<0.0013	<0.0013	<0.0013	
9/8/2021					0.0033
3/22/2022	<0.0013	<0.0013	<0.0013	0.00051	
3/25/2022					<0.0013
9/7/2022	<0.0013	<0.0013	<0.0013		
9/8/2022				<0.0013	
9/13/2022					<0.0013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0013	<0.0013
3/2/2016	0.013	0.026		
5/2/2016				<0.0013
5/3/2016		0.019	<0.0013	
5/4/2016	0.014			
7/5/2016		0.018	<0.0013	<0.0013
7/6/2016	0.015			
9/6/2016			<0.0013	<0.0013
9/8/2016	0.018	0.018		
11/7/2016			<0.0013	<0.0013
11/8/2016	0.015			
11/9/2016		0.02		
1/9/2017			<0.0013	<0.0013
1/12/2017		0.017		
1/13/2017	0.014			
3/13/2017			<0.0013	<0.0013
3/16/2017	0.012			
3/17/2017		0.016		
5/15/2017			<0.0013	<0.0013
5/17/2017	0.0094	0.013		
3/12/2018			0.00026 (J)	<0.0013
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	<0.0013	<0.0013
11/14/2018	0.0031			
2/27/2019			<0.0013	<0.0013
2/28/2019		0.011		
3/5/2019	0.0012 (J)			
5/31/2019			<0.0013	<0.0013
6/4/2019	0.002	0.015		
11/6/2019			<0.0013	<0.0013
11/12/2019	0.0026	0.012		
4/16/2020			<0.0013	<0.0013
4/18/2020		0.0085		
4/22/2020	0.0037			
10/7/2020			<0.0013	<0.0013
10/12/2020	0.003	0.0071		
3/29/2021			<0.0013	<0.0013
4/1/2021	0.0036	0.008		
9/2/2021			<0.0013	<0.0013
9/8/2021	0.0046	0.0059		
3/22/2022			<0.0013	<0.0013
3/25/2022	0.005	0.0069		
9/8/2022			<0.0013	0.0034
9/13/2022	<0.0013	<0.0013		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<5	<5	<5	1.6 (J)	
3/2/2016					400
5/2/2016	15 (o)		<5	2.1 (J)	
5/3/2016					2.2 (J)
5/4/2016		<5			
7/5/2016	<5		<5	2 (J)	450 (J)
7/8/2016		<5			
9/6/2016	<5	<5	<5	1.8 (J)	
9/8/2016					450
11/7/2016	<5		<5	1.7 (J)	
11/9/2016					430
11/10/2016		<5			
1/9/2017	<5		2.6 (J)	1.5 (J)	
1/11/2017		<5			
1/12/2017					130
3/13/2017	2.5 (J)		<5	2.2 (J)	
3/14/2017		<5			
3/17/2017					290
5/15/2017	<5		<5	1.9 (J)	
5/16/2017					280
5/18/2017		<5 (X)			
10/2/2017	<5		<5	3.4 (J)	
10/4/2017					250
10/5/2017		<5			
12/20/2017					230 (R)
3/12/2018	<5		<5	2.6 (J)	
3/13/2018					160
3/14/2018		<5			
6/5/2018	<5		<5	2.6 (J)	
6/8/2018					160
6/10/2018		1.5 (J)			
10/16/2018	<5		<5	2.8 (J)	
10/18/2018		<5			
11/13/2018					130
2/27/2019	<5	1.9 (J)	<5	2.4 (J)	
2/28/2019					130
5/31/2019	<5	<5	<5	3.3 (J)	
6/4/2019					100
11/6/2019	<5	<5	<5	3.7 (J)	
11/12/2019					100
4/16/2020	<5	<5	<5	1.7 (J)	
4/18/2020					64
10/7/2020	<5	<5	<5	4 (J)	
10/12/2020					64
3/29/2021	<5	<5	<5	2.3	
4/1/2021					84
9/2/2021	<5	<5	<5	4.7 (J)	
9/8/2021					60
3/22/2022	<5	<5	<5	4.5 (J)	
3/25/2022					71
9/7/2022	1.7 (J)	1.5 (J)	1.4 (J)		
9/8/2022				5.5	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
9/13/2022					130

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<5	<5
3/2/2016	450	460		
5/2/2016				<5
5/3/2016		740	<5	
5/4/2016	500			
7/5/2016		750	<5	<5
7/6/2016	370			
9/6/2016			<5	3.7 (J)
9/8/2016	450	710		
11/7/2016			<5	<5
11/8/2016	450			
11/9/2016		810		
1/9/2017			<5	<5
1/12/2017		600		
1/13/2017	390			
3/13/2017			<5	<5
3/16/2017	290			
3/17/2017		640		
5/15/2017			<5	<5
5/17/2017	270	590		
10/2/2017			1.5 (J)	1.7 (J)
10/3/2017		480		
10/4/2017	240			
12/20/2017	210 (R)	470		
3/12/2018			<5	<5
3/14/2018	190	470		
6/6/2018			<5	<5
6/8/2018		440		
6/9/2018	170			
10/17/2018		270	<5	<5
11/14/2018	110			
2/27/2019			<5	<5
2/28/2019		240		
3/5/2019	86			
5/31/2019			<5	<5
6/4/2019	100	280		
11/6/2019			<5	<5
11/12/2019	93	260		
4/16/2020			<5	<5
4/18/2020		250		
4/22/2020	130			
10/7/2020			<5	<5
10/12/2020	110	230		
3/29/2021			<5	<5
4/1/2021	110	200		
9/2/2021			<5	<5
9/8/2021	110	140		
3/22/2022			<5	<5
3/25/2022	120	160		
9/8/2022			<5	<5
9/13/2022	95	160		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005	
3/2/2016					0.00058 (J)
5/2/2016	<0.0005		<0.0005	<0.0005	
5/3/2016					0.00041 (J)
5/4/2016		<0.0005			
7/5/2016	<0.0005		<0.0005	<0.0005	0.0004 (J)
7/8/2016		<0.0005			
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	
9/8/2016					0.00045 (J)
11/7/2016	<0.0005		<0.0005	<0.0005	
11/9/2016					<0.0005
11/10/2016		<0.0005			
1/9/2017	<0.0005		<0.0005	<0.0005	
1/11/2017		<0.0005			
1/12/2017					0.00012 (J)
3/13/2017	<0.0005		<0.0005	<0.0005	
3/14/2017		<0.0005			
3/17/2017					0.00027 (J)
5/15/2017	<0.0005		<0.0005	<0.0005	
5/16/2017					0.00025 (J)
5/18/2017		<0.0005			
3/12/2018	<0.0005		<0.0005	<0.0005	
3/13/2018					0.00018 (J)
3/14/2018		<0.0005			
6/5/2018	<0.0005		<0.0005	<0.0005	
6/8/2018					0.00018 (J)
6/10/2018		<0.0005			
10/16/2018	<0.0005		<0.0005	<0.0005	
10/18/2018		<0.0005			
11/13/2018					<0.0005
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005	
2/28/2019					0.0001 (J)
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	
6/4/2019					<0.0005
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005	
11/12/2019					<0.0005
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005	
4/18/2020					5.8E-05 (J)
10/7/2020	<0.0005	<0.0005	<0.0005	<0.0005	
10/12/2020					0.00014 (J)
3/29/2021	<0.0005	<0.0005	<0.0005	<0.0005 (D)	
4/1/2021					<0.0005
9/2/2021	0.00015 (J)	<0.0005	<0.0005	<0.0005	
9/8/2021					<0.0005
3/22/2022	<0.0005	<0.0005	<0.0005	<0.0005	
3/25/2022					<0.0005
9/7/2022	<0.0005	<0.0005	<0.0005		
9/8/2022				<0.0005	
9/13/2022					<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			<0.0005	<0.0005
3/2/2016	0.0003 (J)	0.00095 (J)		
5/2/2016				<0.0005
5/3/2016		0.00089	<0.0005	
5/4/2016	0.0005			
7/5/2016		0.001	<0.0005	<0.0005
7/6/2016	0.00047 (J)			
9/6/2016			<0.0005	<0.0005
9/8/2016	0.00053 (J)	0.00088 (J)		
11/7/2016			<0.0005	<0.0005
11/8/2016	0.00055 (J)			
11/9/2016		0.00083 (J)		
1/9/2017			<0.0005	<0.0005
1/12/2017		0.00076		
1/13/2017	0.00057			
3/13/2017			<0.0005	<0.0005
3/16/2017	0.0004 (J)			
3/17/2017		0.00088		
5/15/2017			<0.0005	<0.0005
5/17/2017	0.00029 (J)	0.00071		
3/12/2018			<0.0005	<0.0005
3/14/2018	0.00027 (J)	0.00055		
6/6/2018			<0.0005	<0.0005
6/8/2018		0.00048 (J)		
6/9/2018	0.00023 (J)			
10/17/2018		0.0003 (J)	<0.0005	<0.0005
11/14/2018	0.00015 (J)			
2/27/2019			<0.0005	<0.0005
2/28/2019		0.00024 (J)		
3/5/2019	0.00016 (J)			
5/31/2019			<0.0005	<0.0005
6/4/2019	0.00011 (J)	0.00017 (J)		
11/6/2019			<0.0005	<0.0005
11/12/2019	0.00012 (J)	0.00019 (J)		
4/16/2020			<0.0005	<0.0005
4/18/2020		0.00023		
4/22/2020	0.00015			
10/7/2020			<0.0005	<0.0005
10/12/2020	0.00025 (J)	0.00033 (J)		
3/29/2021			<0.0005	<0.0005
4/1/2021	0.00012	0.0002		
9/2/2021			<0.0005	<0.0005
9/8/2021	<0.0005	<0.0005		
3/22/2022			<0.0005	<0.0005
3/25/2022	<0.0005	<0.0005		
9/8/2022			<0.0005	<0.0005
9/13/2022	<0.0005	<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	58	14	18	46	
3/25/2022					380
9/7/2022	36	14	22		
9/8/2022				44	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-200
9/13/2022					600

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:17 AM View: 200 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

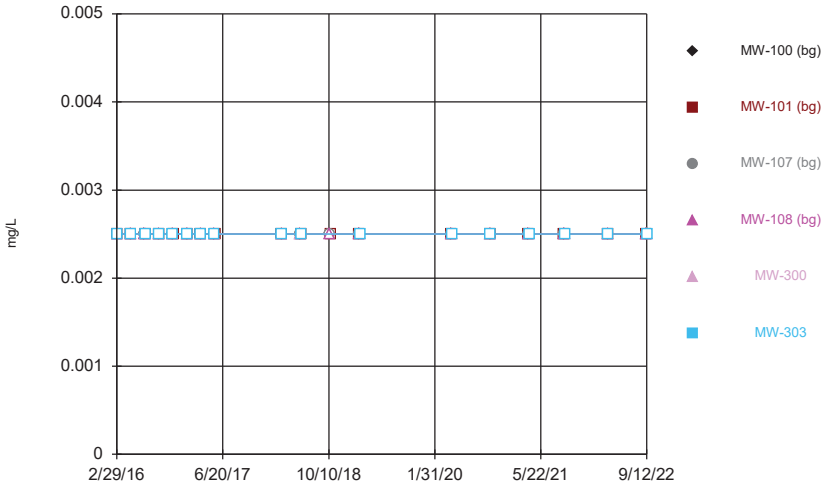
	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			10	<5
3/2/2016	7200	32000 (o)		
5/2/2016				36
5/3/2016		13000	<5	
5/4/2016	4500			
7/5/2016		8700	<5	<5
7/6/2016	4900			
9/6/2016			36	44
9/8/2016	4400	11000 (Q)		
11/7/2016			<5	30
11/8/2016	6200			
11/9/2016		13000		
1/9/2017			<5	12
1/12/2017		12000		
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		
3/22/2022			84	22
3/25/2022	610	630		
9/8/2022			24	48
9/13/2022	530	920		

ND substitution: RL or RL/2 if <15% NDs.

300 Series

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

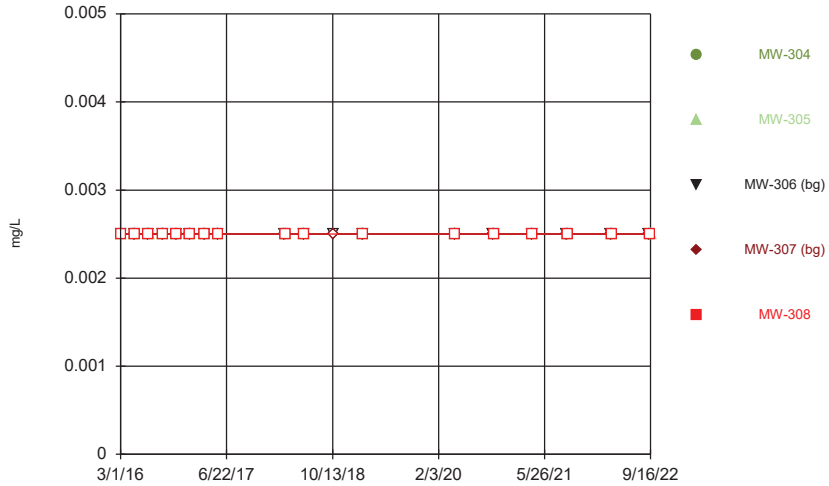
Time Series



Constituent: Antimony Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

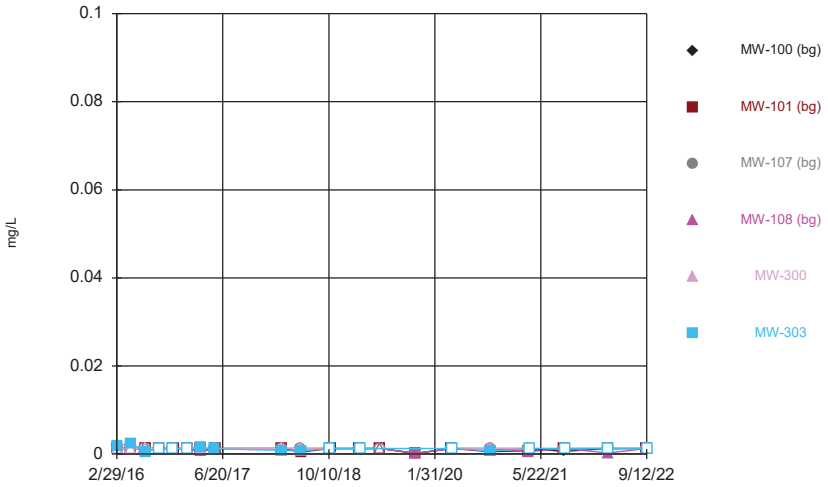
Time Series



Constituent: Antimony Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

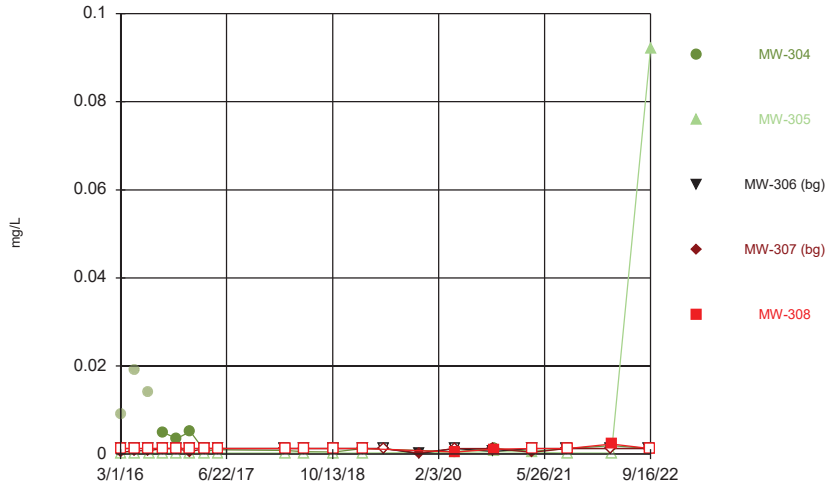
Time Series



Constituent: Arsenic Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

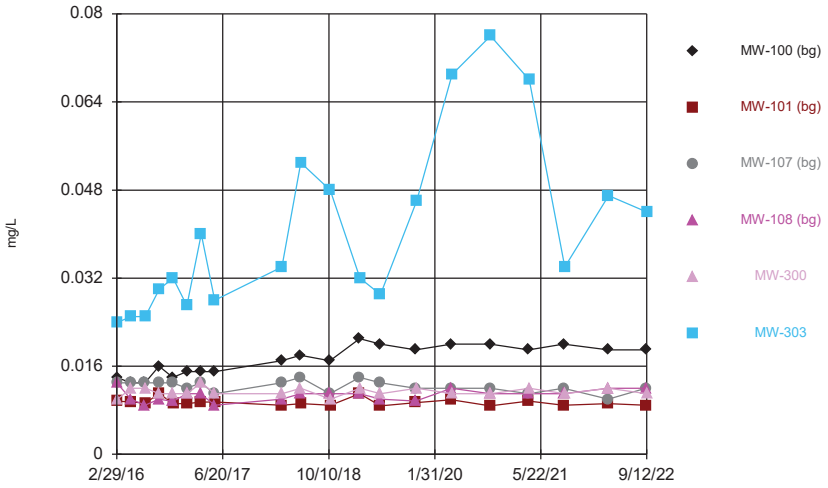
Time Series



Constituent: Arsenic Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

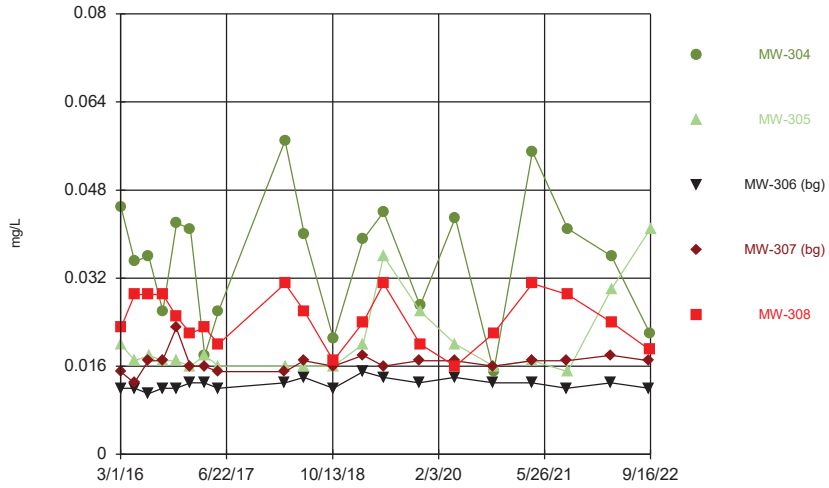
Time Series



Constituent: Barium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

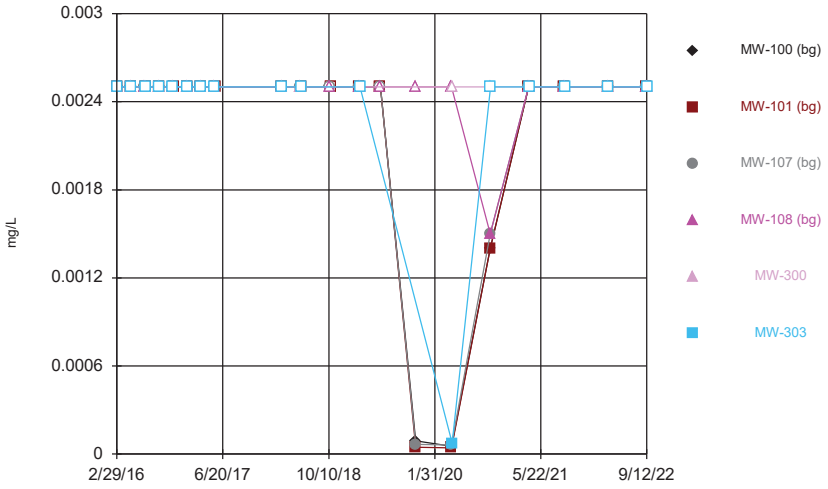
Time Series



Constituent: Barium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

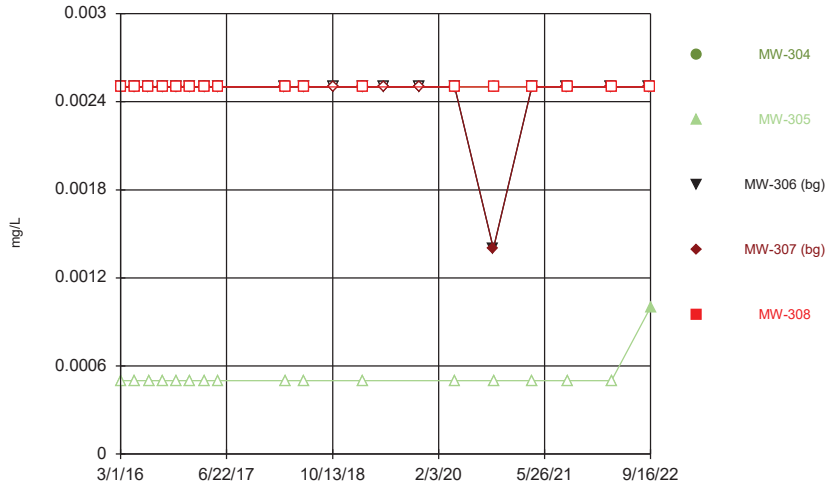
Time Series



Constituent: Beryllium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

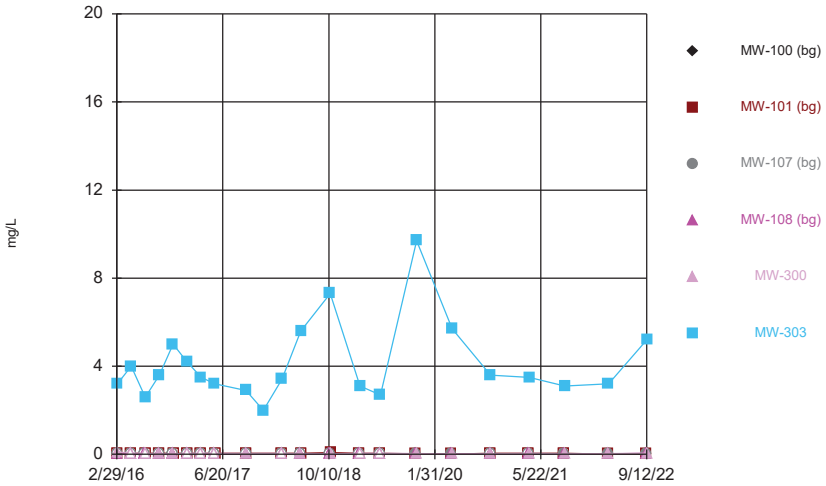
Time Series



Constituent: Beryllium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

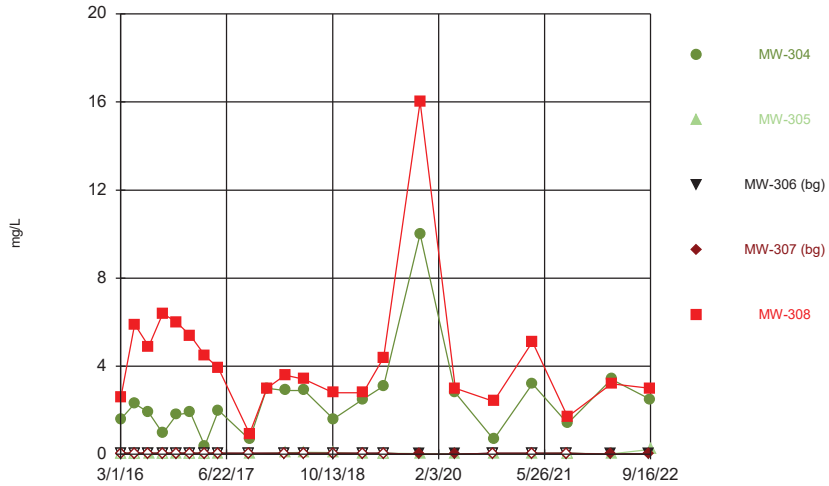
Time Series



Constituent: Boron Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

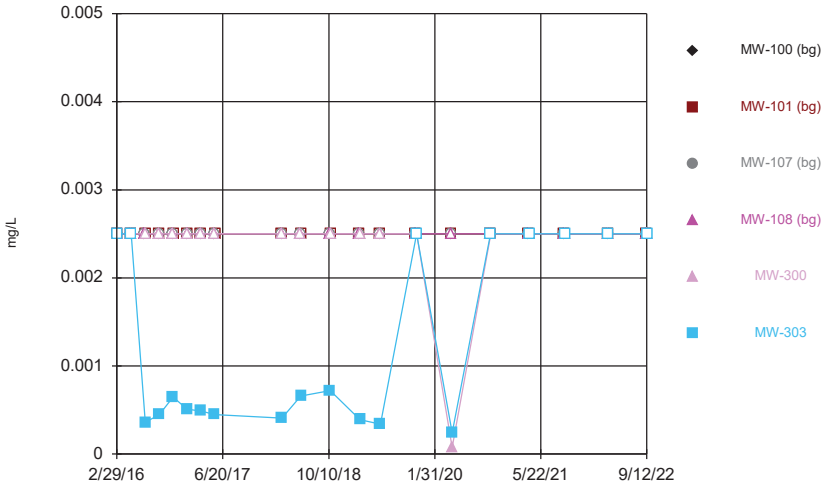
Time Series



Constituent: Boron Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

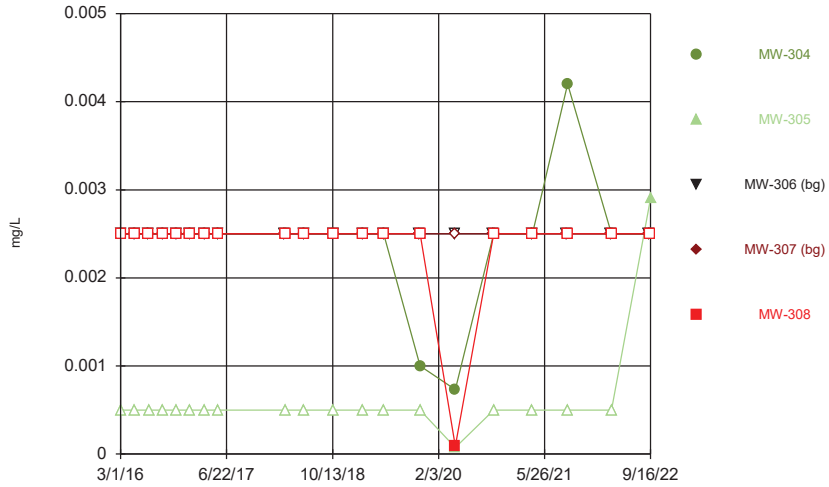
Time Series



Constituent: Cadmium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

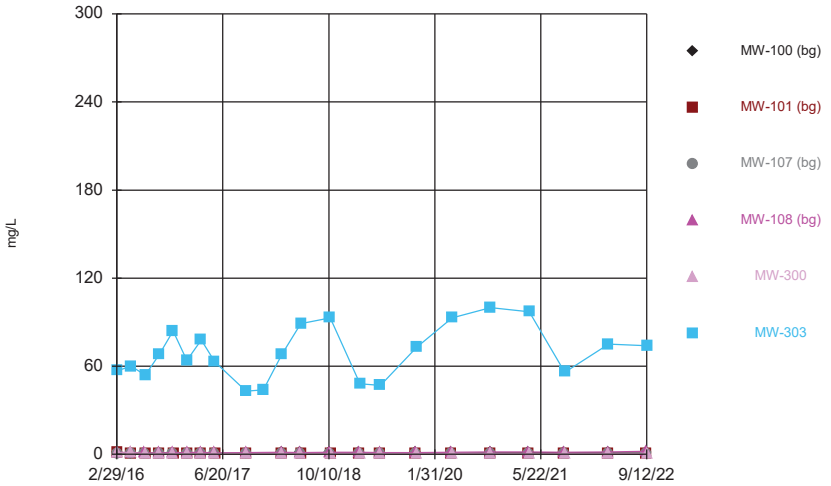
Time Series



Constituent: Cadmium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

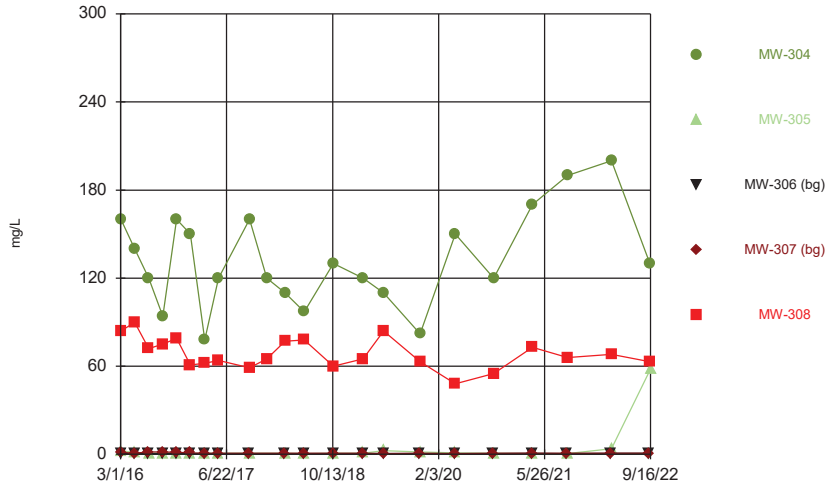
Time Series



Constituent: Calcium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

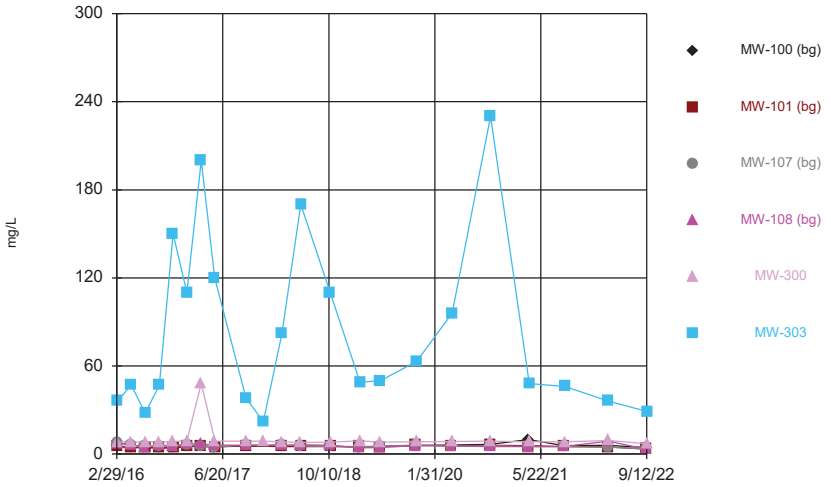
Time Series



Constituent: Calcium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

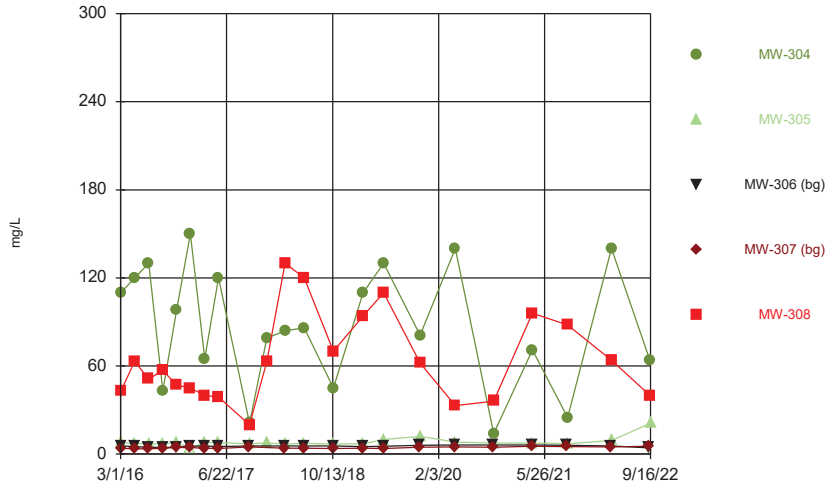
Time Series



Constituent: Chloride Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

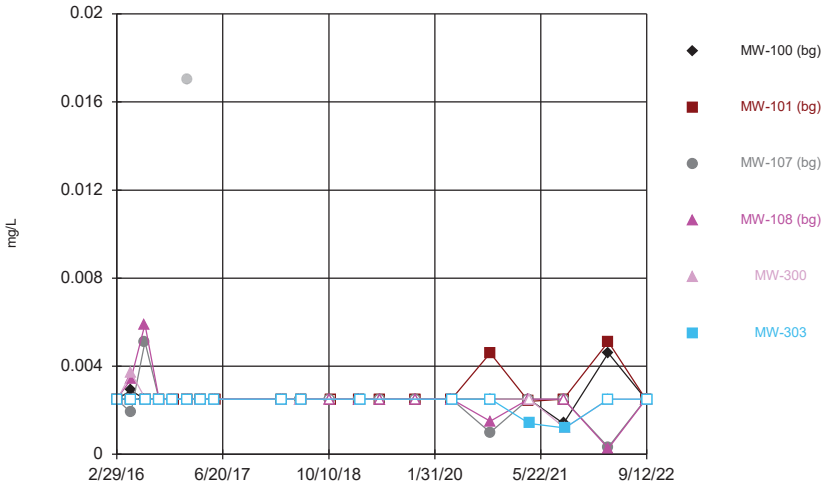
Time Series



Constituent: Chloride Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

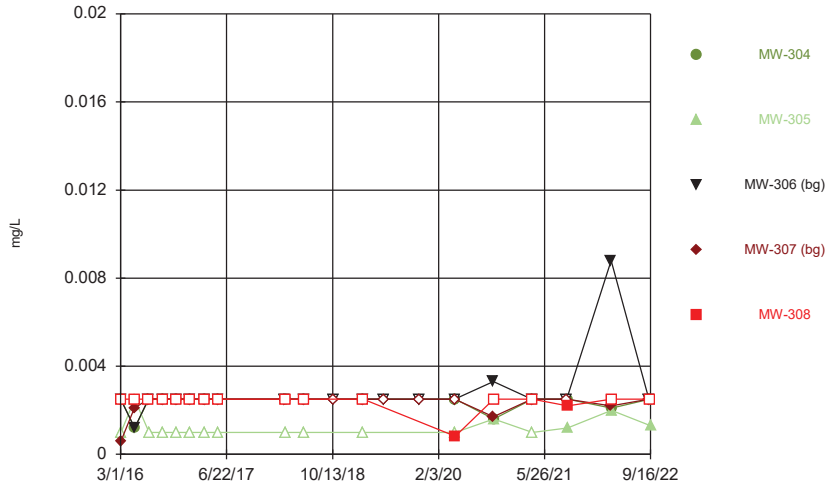
Time Series



Constituent: Chromium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

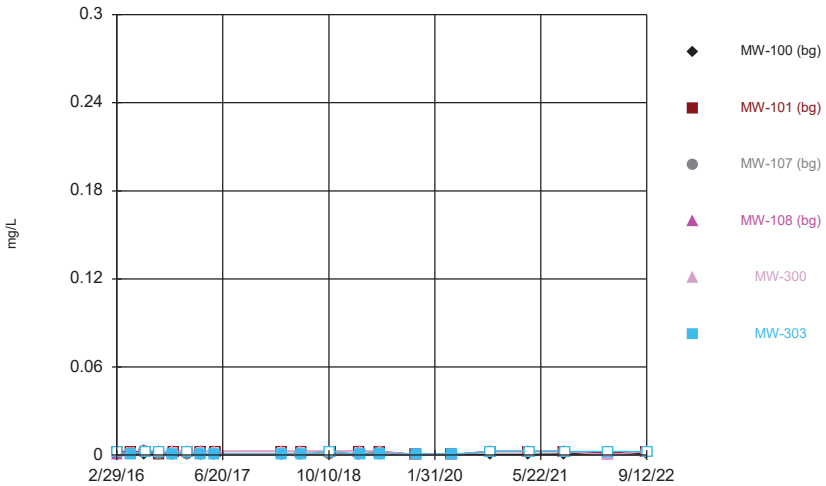
Time Series



Constituent: Chromium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

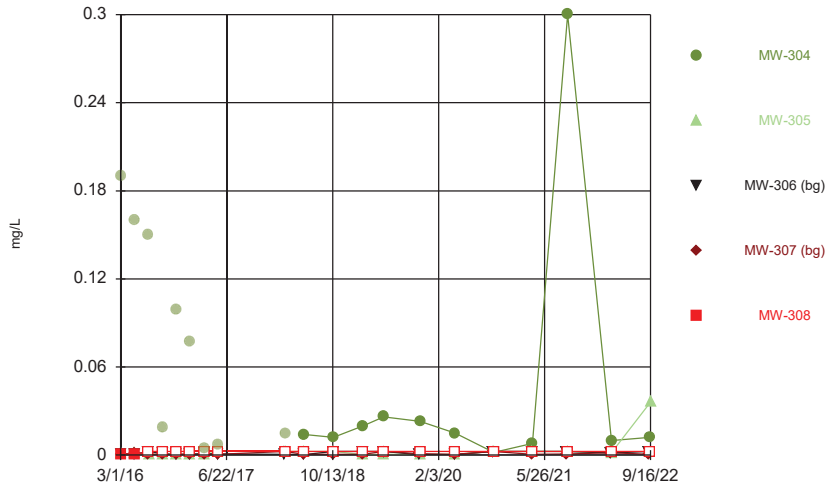
Time Series



Constituent: Cobalt Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

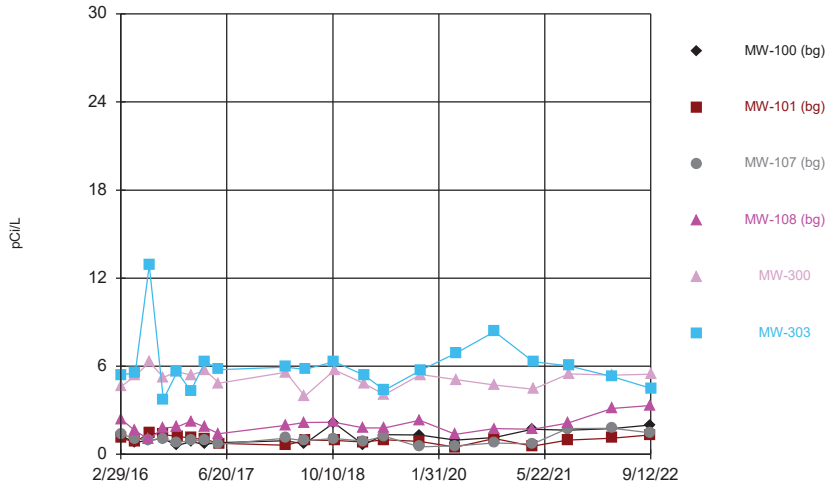
Time Series



Constituent: Cobalt Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

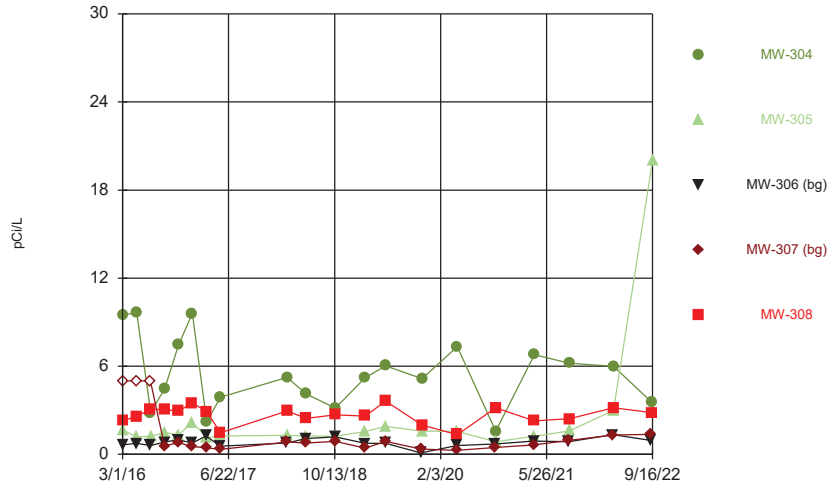
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

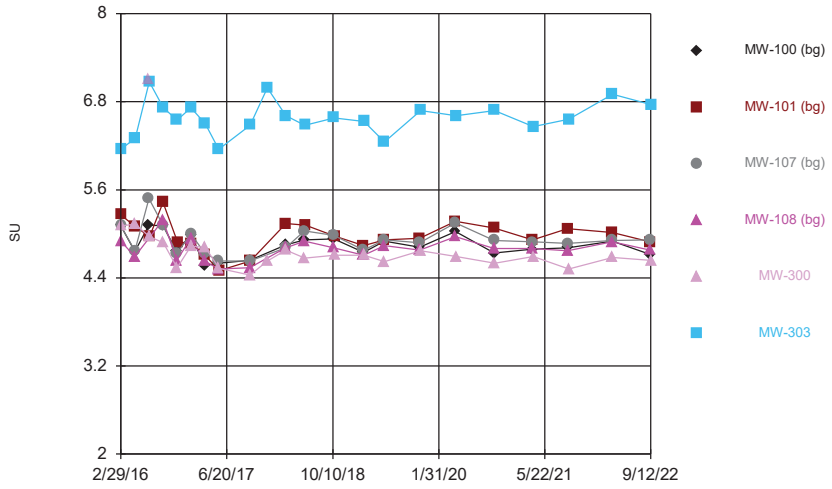
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

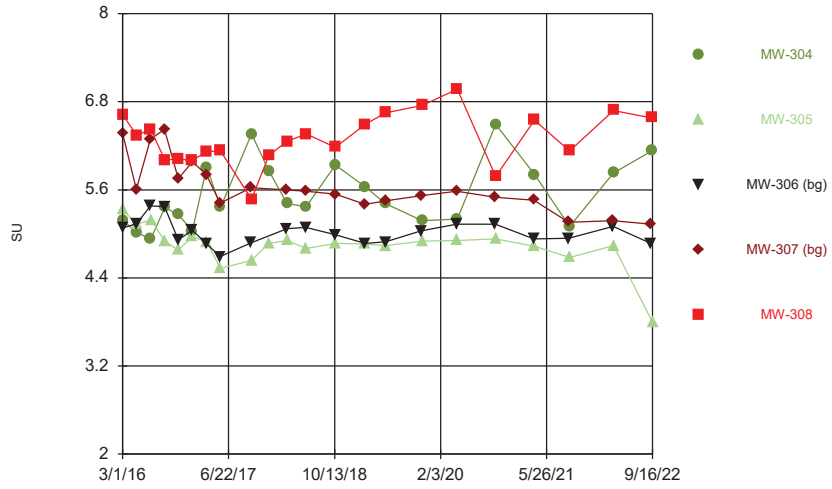
Time Series



Constituent: Field pH Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

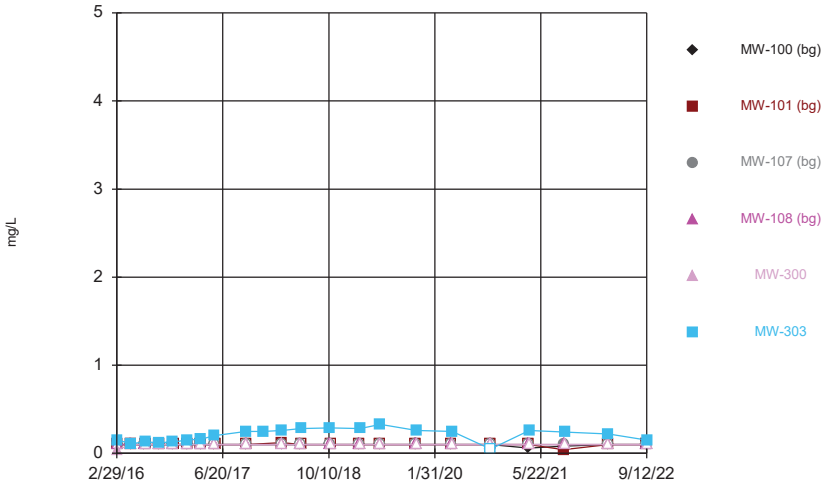
Time Series



Constituent: Field pH Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

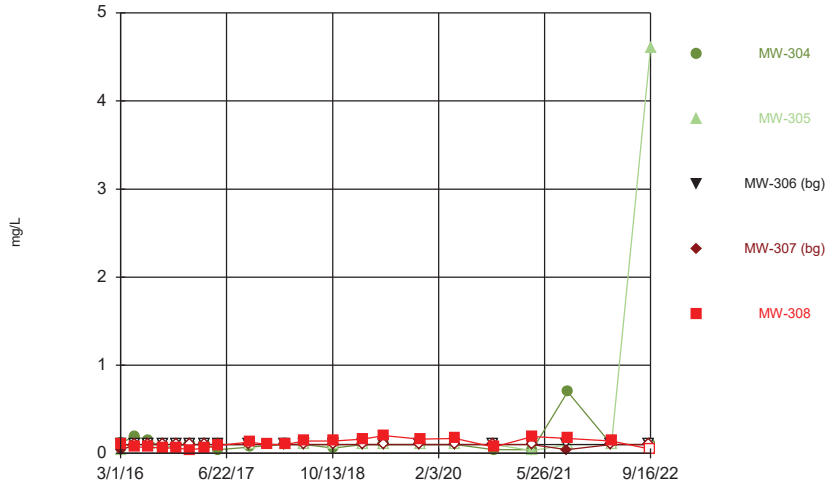
Time Series



Constituent: Fluoride Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

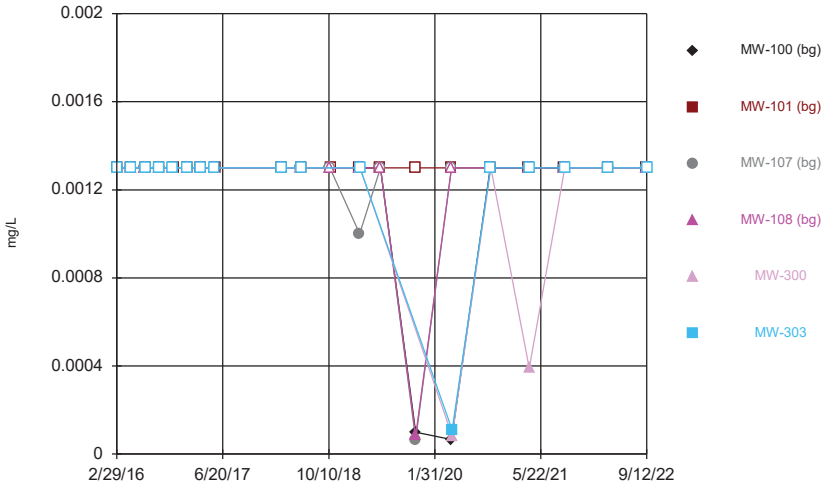
Time Series



Constituent: Fluoride Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

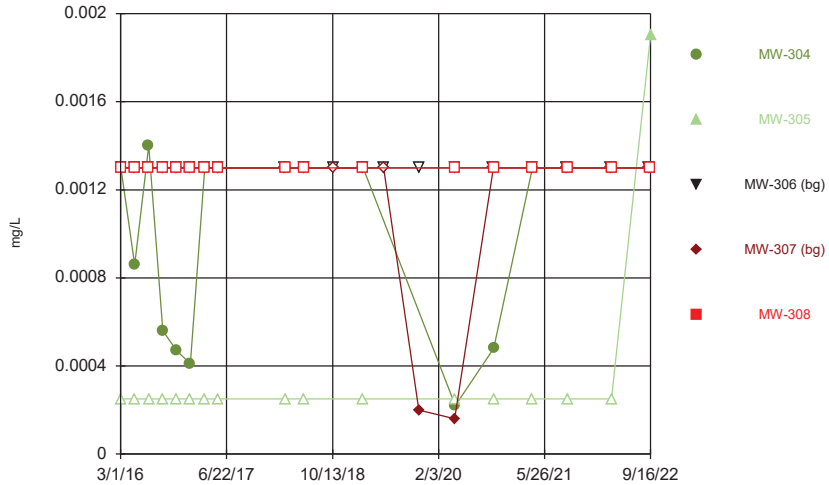
Time Series



Constituent: Lead Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

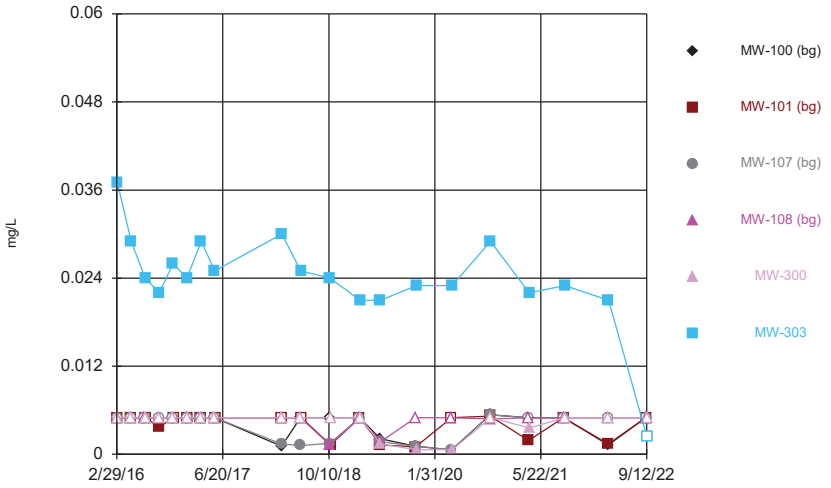
Time Series



Constituent: Lead Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

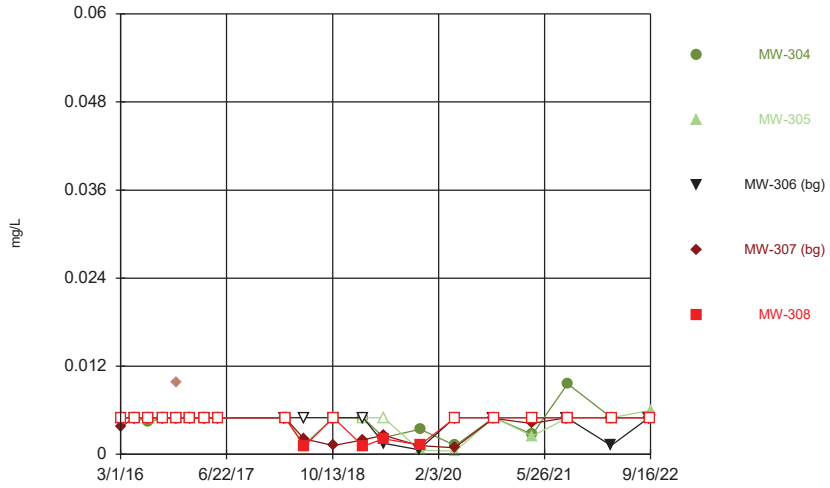
Time Series



Constituent: Lithium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

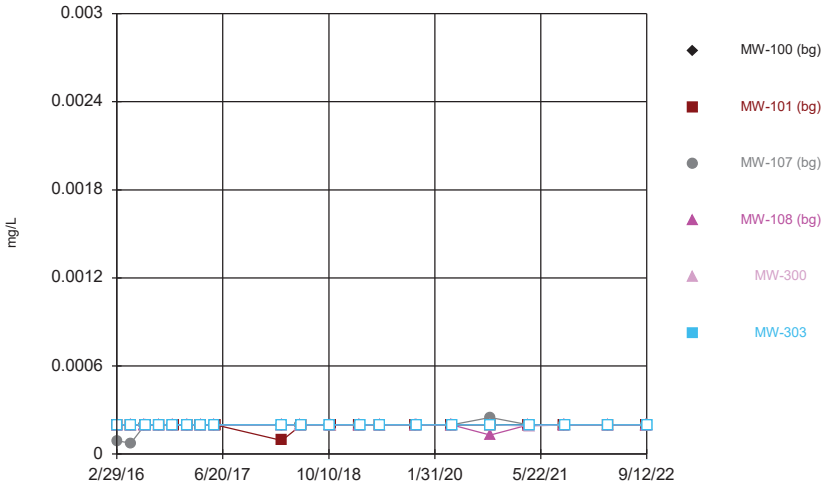
Time Series



Constituent: Lithium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

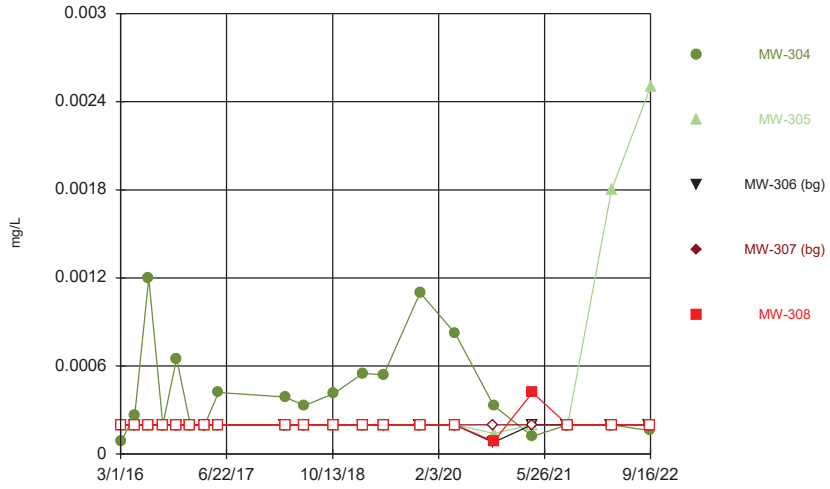
Time Series



Constituent: Mercury Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

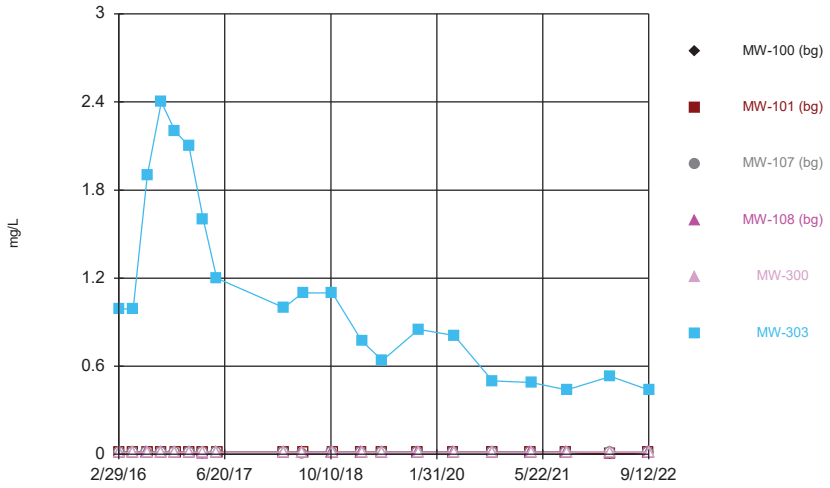
Time Series



Constituent: Mercury Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

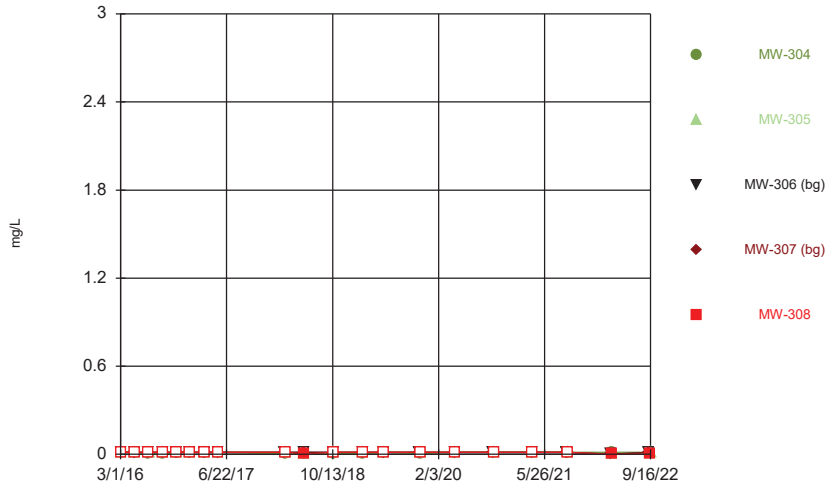
Time Series



Constituent: Molybdenum Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

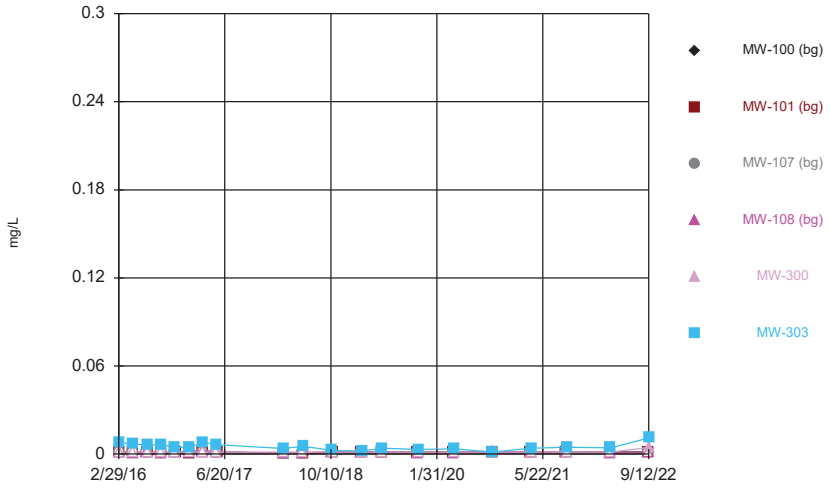
Time Series



Constituent: Molybdenum Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

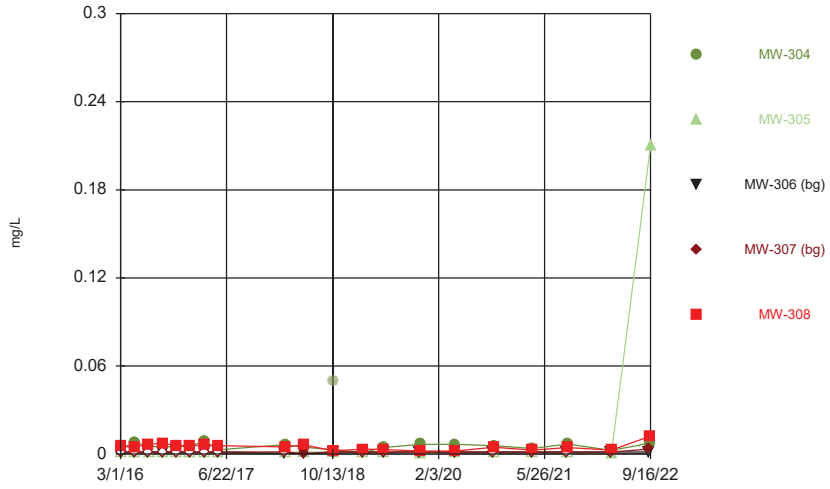
Time Series



Constituent: Selenium Analysis Run 1/13/2023 1:45 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

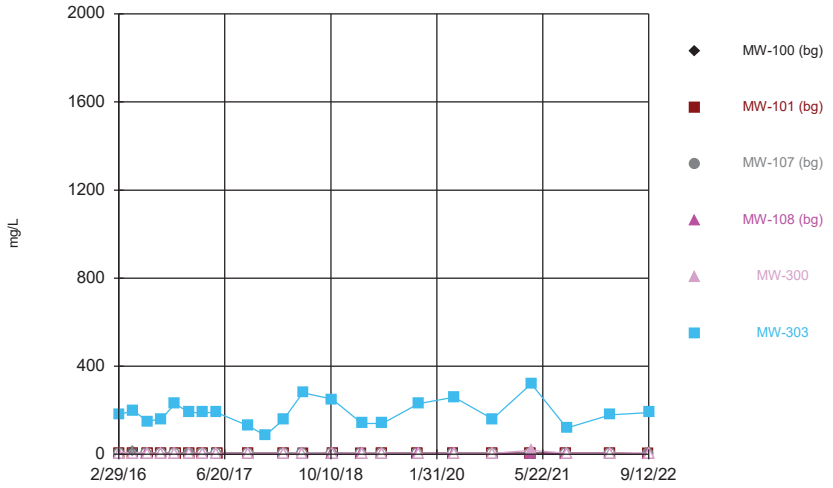
Time Series



Constituent: Selenium Analysis Run 1/13/2023 1:46 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

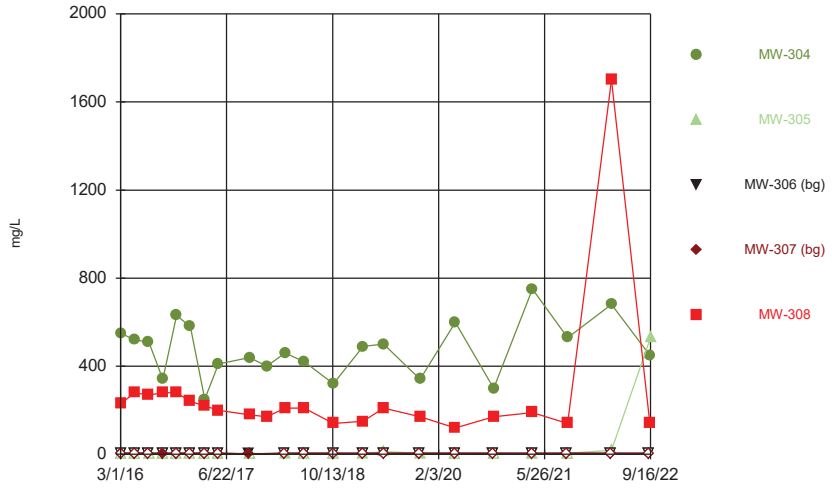
Time Series



Constituent: Sulfate Analysis Run 1/13/2023 1:46 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

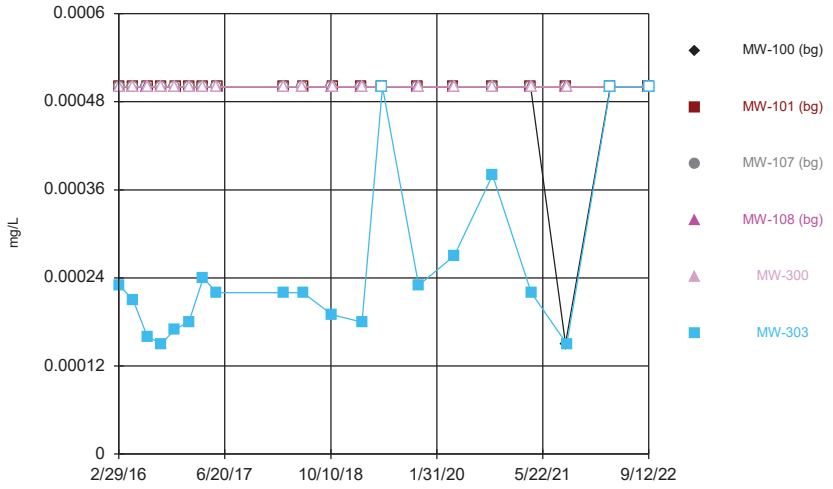
Time Series



Constituent: Sulfate Analysis Run 1/13/2023 1:46 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

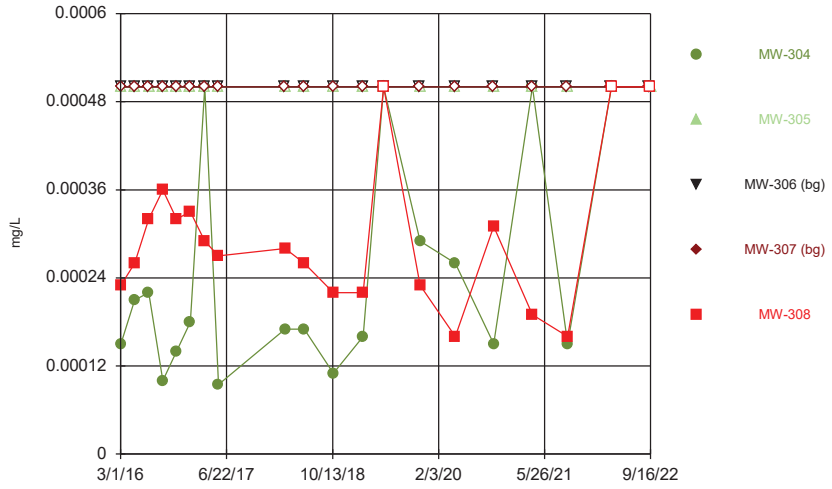
Time Series



Constituent: Thallium Analysis Run 1/13/2023 1:46 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

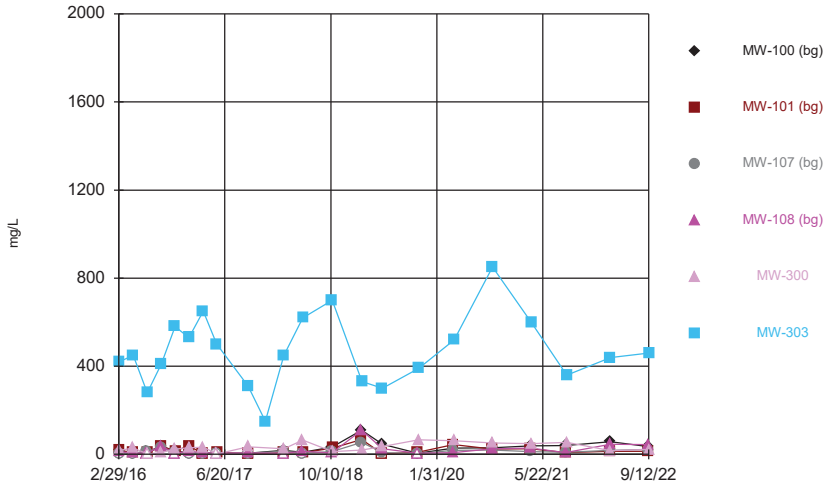
Time Series



Constituent: Thallium Analysis Run 1/13/2023 1:46 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

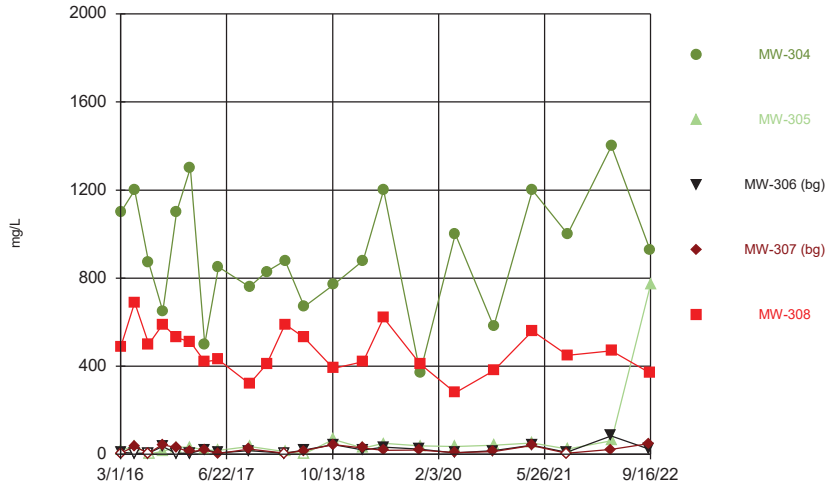
Time Series



Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:46 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:46 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		
5/4/2016		<0.0025			<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	<0.0025
11/10/2016		<0.0025				
1/9/2017	<0.0025		<0.0025	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025		<0.0025
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	<0.0025
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						<0.0025
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/18/2018		<0.0025				
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025		
4/18/2020					<0.0025	<0.0025
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025		
3/24/2022					<0.0025	<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025			
9/8/2022				<0.0025		
9/12/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	<0.0025	
3/3/2016	<0.0025	<0.0025			<0.0025
5/2/2016				<0.0025	
5/3/2016			<0.0025		
5/4/2016	<0.0025	<0.0025			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0025			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0025			<0.0025
11/7/2016		<0.0025	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0025			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0025			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0025			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0025			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0025			<0.0025
10/17/2018			<0.0025	<0.0025	
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0025			
4/16/2020			<0.0025	<0.0025	
4/18/2020	<0.0025	<0.0025			<0.0025
10/7/2020			<0.0025	<0.0025	
10/8/2020					<0.0025
10/9/2020	<0.0025	<0.0025			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.0025			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	<0.0025	<0.0025			<0.0025
3/22/2022			<0.0025	<0.0025	
3/24/2022	<0.0025	<0.0025			<0.0025
9/8/2022			<0.0025	<0.0025	
9/12/2022	<0.0025				<0.0025
9/16/2022		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013		
3/3/2016					<0.0013	0.0018 (J)
5/2/2016	<0.0013		<0.0013	<0.0013		
5/4/2016		<0.0013			<0.0013	0.0024
7/5/2016	<0.0013		<0.0013	<0.0013		
7/6/2016						0.0005 (J)
7/7/2016					<0.0013	
7/8/2016		<0.0013				
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013		
9/7/2016					<0.0013	
9/8/2016						<0.0013
11/7/2016	<0.0013		<0.0013	<0.0013		
11/8/2016					<0.0013	<0.0013
11/10/2016		<0.0013				
1/9/2017	<0.0013		<0.0013	<0.0013		
1/10/2017					<0.0013	<0.0013
1/11/2017		<0.0013				
3/13/2017	0.00069 (J)		<0.0013	0.00069 (J)		
3/14/2017		<0.0013				
3/15/2017					<0.0013	
3/16/2017						0.0015
5/15/2017	<0.0013		<0.0013	<0.0013		0.0012 (J)
5/16/2017					<0.0013	
5/18/2017		<0.0013				
3/12/2018	<0.0013		<0.0013	<0.0013		
3/13/2018					<0.0013	0.00082 (J)
3/14/2018		<0.0013				
6/5/2018	<0.0013		<0.0013	<0.0013		
6/6/2018					<0.0013	
6/7/2018						0.0007 (J)
6/10/2018		0.00046 (J)				
10/16/2018	<0.0013		<0.0013	<0.0013		
10/17/2018						<0.0013
10/18/2018		<0.0013			<0.0013	
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013		
2/28/2019					<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013		
11/6/2019	0.0002 (J)	0.00019 (J)	0.0002 (J)	0.00012 (J)		
4/16/2020	<0.0013	<0.0013	<0.0013	<0.0013		
4/18/2020					<0.0013	<0.0013
10/7/2020	<0.0013	0.00056 (J)	<0.0013	<0.0013		
10/8/2020						0.00069 (J)
10/9/2020					<0.0013	
3/29/2021	<0.0013	0.00078	<0.0013	0.00054		
3/31/2021					<0.0013	
4/1/2021						<0.0013
9/2/2021	0.00059 (J)	<0.0013	<0.0013	<0.0013		
9/7/2021					<0.0013	<0.0013
3/22/2022	<0.0013	<0.0013	<0.0013	0.00027		
3/24/2022					<0.0013	<0.0013
9/7/2022	<0.0013	<0.0013	<0.0013			
9/8/2022				<0.0013		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/12/2022					<0.0013	<0.0013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0013	0.00038 (J)	
3/3/2016	0.009 (o)	<0.00025			<0.0013
5/2/2016				0.00073 (J)	
5/3/2016			<0.0013		
5/4/2016	0.019 (o)	<0.00025			<0.0013
7/5/2016			<0.0013	0.00077 (J)	
7/6/2016	0.014 (o)				<0.0013
7/7/2016		<0.00025			
9/6/2016			<0.0013	0.0013	
9/7/2016	0.005	<0.00025			<0.0013
11/7/2016		<0.00025	<0.0013	<0.0013	
11/8/2016	0.0035				<0.0013
1/9/2017			<0.0013	0.00053 (J)	
1/10/2017	0.0051	<0.00025			<0.0013
3/13/2017			<0.0013	<0.0013	
3/15/2017	0.00066 (J)	<0.00025			
3/16/2017					<0.0013
5/15/2017			<0.0013	<0.0013	
5/16/2017	0.00094 (J)	<0.00025			<0.0013
3/12/2018			<0.0013	<0.0013	
3/13/2018	0.00086 (J)	<0.00025			<0.0013
6/6/2018			<0.0013	<0.0013	
6/7/2018	0.00056 (J)	<0.00025			<0.0013
10/17/2018	0.0005 (J)	<0.00025	<0.0013	<0.0013	<0.0013
2/27/2019			<0.0013	<0.0013	<0.0013
2/28/2019	<0.0013	<0.00025			
5/31/2019			<0.0013	<0.0013	
11/6/2019			0.00014 (J)	0.00024 (J)	
4/16/2020			<0.0013	<0.0013	
4/18/2020	0.00053	0.00042			0.00046
10/7/2020			0.00064 (J)	<0.0013	
10/8/2020					0.0011 (J)
10/9/2020	<0.0013	0.00057 (J)			
3/29/2021			<0.0013	0.00042	
4/1/2021	0.00062	0.00048			<0.0013
9/2/2021			<0.0013	<0.0013	
9/7/2021	<0.0013	<0.00025			<0.0013
3/22/2022			<0.0013	<0.0013	
3/24/2022	0.0019	<0.00025			0.0023
9/8/2022			<0.0013	<0.0013	
9/12/2022	<0.0013				<0.0013
9/16/2022		0.092			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.019	0.0092	0.01	0.012		
3/24/2022					0.012	0.047
9/7/2022	0.019	0.0089	0.012			

Time Series

Constituent: Barium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				0.012		
9/12/2022					0.011	0.044

Time Series

Constituent: Barium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL 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
3/22/2022			0.013	0.018	
3/24/2022	0.036	0.03			0.024
9/8/2022			0.012	0.017	
9/12/2022	0.022				0.019
9/16/2022		0.041			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		
5/4/2016		<0.0025			<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	<0.0025
11/10/2016		<0.0025				
1/9/2017	<0.0025		<0.0025	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025		<0.0025
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	<0.0025
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						<0.0025
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/18/2018		<0.0025				
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025		
11/6/2019	9E-05 (J)	4.7E-05 (J)	6.6E-05 (J)	<0.0025		
4/16/2020	5.4E-05 (J)	4.3E-05 (J)	6.1E-05 (J)	<0.0025		
4/18/2020					<0.0025	7.4E-05 (J)
10/7/2020	0.0014 (J)	0.0014 (J)	0.0015 (J)	0.0015 (J)		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025		
3/24/2022					<0.0025	<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025			
9/8/2022				<0.0025		
9/12/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	<0.0025	
3/3/2016	<0.0025	<0.0005			<0.0025
5/2/2016				<0.0025	
5/3/2016			<0.0025		
5/4/2016	<0.0025	<0.0005			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0005			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0005			<0.0025
11/7/2016		<0.0005	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0005			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0005			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0005			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0005			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0005			<0.0025
10/17/2018			<0.0025	<0.0025	
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0005			
5/31/2019			<0.0025	<0.0025	
11/6/2019			<0.0025	<0.0025	
4/16/2020			<0.0025	<0.0025	
4/18/2020	<0.0025	<0.0005			<0.0025
10/7/2020			0.0014 (J)	0.0014 (J)	
10/8/2020					<0.0025
10/9/2020	<0.0025	<0.0005			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.0005			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	<0.0025	<0.0005			<0.0025
3/22/2022			<0.0025	<0.0025	
3/24/2022	<0.0025	<0.0005			<0.0025
9/8/2022			<0.0025	<0.0025	
9/12/2022	<0.0025				<0.0025
9/16/2022		0.001 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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	<0.05	<0.018	<0.018		
3/3/2016					0.11 (J)	3.2
5/2/2016	<0.018		<0.018	<0.018		
5/4/2016		<0.05			<0.05	4
7/5/2016	<0.018		<0.018	<0.018		
7/6/2016						2.6
7/7/2016					<0.05	
7/8/2016		<0.05				
9/6/2016	<0.018	<0.05	<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		<0.05				
1/9/2017	<0.018		<0.018	<0.018		
1/10/2017					<0.05 (*)	4.2
1/11/2017		<0.05				
3/13/2017	<0.018		<0.018	0.022 (J)		
3/14/2017		<0.05				
3/15/2017					<0.05	
3/16/2017						3.5
5/15/2017	<0.018		<0.018	<0.018		3.2
5/16/2017					<0.05	
5/18/2017		<0.05				
10/2/2017	<0.018		<0.018	0.023 (J)		
10/3/2017					0.03 (J)	2.9
10/5/2017		<0.05				
12/20/2017						2
3/12/2018	<0.018		<0.018	<0.018		
3/13/2018					<0.05	3.4
3/14/2018		<0.05				
6/5/2018	<0.018		<0.018	<0.018		
6/6/2018					0.024 (J)	
6/7/2018						5.6
6/10/2018		<0.05				
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	<0.05	<0.018	<0.018		
2/28/2019					<0.05	3.1
5/31/2019	<0.018	<0.05	<0.018	<0.018	<0.05	2.7
11/6/2019	0.017 (V)	0.016 (V)	0.016 (V)	0.022 (V)		
11/11/2019					0.035 (V)	9.7
4/16/2020	0.02	0.013	0.013	0.017		
4/18/2020					0.027	5.7
10/7/2020	<0.018	<0.05	<0.018	<0.018		
10/8/2020						3.6
10/9/2020					0.025 (J)	
3/29/2021	<0.018	<0.05	<0.018	<0.018		
3/31/2021					0.046	
4/1/2021						3.5
9/2/2021	0.021 (J)	<0.05	0.018 (J)	0.022 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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 (J)	3.1
3/22/2022	0.013	0.012	0.013	0.017		
3/24/2022					0.035	3.2
9/7/2022	0.031 (J)	0.029 (J)	0.031 (J)			
9/8/2022				0.055		
9/12/2022					0.05	5.2

Time Series

Constituent: Boron (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.05	<0.05	
3/3/2016	1.6	<0.05			2.6
5/2/2016				<0.05	
5/3/2016			<0.05		
5/4/2016	2.3	<0.05 (*)			5.9
7/5/2016			<0.05	<0.05	
7/6/2016	1.9				4.9
7/7/2016		0.034 (J)			
9/6/2016			<0.05	<0.05	
9/7/2016	0.95	<0.05			6.4
11/7/2016		0.045 (J)	<0.05	<0.05	
11/8/2016	1.8				6
1/9/2017			<0.05	<0.05	
1/10/2017	1.9	<0.05 (*)			5.4
3/13/2017			<0.05	<0.05	
3/15/2017	0.38	<0.05			
3/16/2017					4.5
5/15/2017			<0.05	<0.05	
5/16/2017	2	0.043 (J)			3.9
10/2/2017			<0.05	<0.05	
10/3/2017	0.67	0.026 (J)			0.93
12/20/2017	3				3
3/12/2018			<0.05	<0.05	
3/13/2018	2.9	0.07			3.6
6/6/2018			<0.05	<0.05	
6/7/2018	2.9	0.1			3.4
10/17/2018	1.6	0.074	<0.05	<0.05	2.8
2/27/2019			<0.05	<0.05	2.8
2/28/2019	2.5	0.027 (J)			
5/31/2019	3.1	<0.05	<0.05	<0.05	4.4
11/6/2019			0.011 (V)	0.0099 (J)	
11/11/2019	10	0.036 (V)			16
4/16/2020			0.0075 (J)	0.0055 (J)	
4/18/2020	2.8	0.016			3
10/7/2020			<0.05	<0.05	
10/8/2020					2.4
10/9/2020	0.68	0.018 (J)			
3/29/2021			<0.05	<0.05	
4/1/2021	3.2	0.035			5.1
9/2/2021			<0.05	<0.05	
9/7/2021	1.4	<0.05			1.7
3/22/2022			0.009 (J)	0.0063 (J)	
3/24/2022	3.4	0.028			3.2
9/8/2022			0.027 (J)	0.025 (J)	
9/12/2022	2.5				3
9/16/2022		0.23			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	<0.0025		<0.0025	<0.0025		
5/4/2016		<0.0025			<0.0025	<0.0025
7/5/2016	<0.0025		<0.0025	<0.0025		
7/6/2016						0.00036 (J)
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						0.00045 (J)
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	0.00065 (J)
11/10/2016		<0.0025				
1/9/2017	<0.0025		<0.0025	<0.0025		
1/10/2017					<0.0025	0.00051 (J)
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						0.00049 (J)
5/15/2017	<0.0025		<0.0025	<0.0025		0.00045 (J)
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	0.00041 (J)
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						0.00066 (J)
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/17/2018						0.00072 (J)
10/18/2018		<0.0025			<0.0025	
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	0.00039 (J)
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00034 (J)
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025		
11/11/2019					<0.0025	<0.0025
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025		
4/18/2020					7.5E-05 (J)	0.00024 (J)
10/7/2020	<0.0025	<0.0025	<0.0025	<0.0025		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	<0.0025	<0.0025	<0.0025	<0.0025		
3/24/2022					<0.0025	<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				<0.0025		
9/12/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	<0.0025	
3/3/2016	<0.0025	<0.0005			<0.0025
5/2/2016				<0.0025	
5/3/2016			<0.0025		
5/4/2016	<0.0025	<0.0005			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.0005			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.0005			<0.0025
11/7/2016		<0.0005	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.0005			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.0005			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.0005			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.0005			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.0005			<0.0025
10/17/2018	<0.0025	<0.0005	<0.0025	<0.0025	<0.0025
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.0005			
5/31/2019	<0.0025	<0.0005	<0.0025	<0.0025	<0.0025
11/6/2019			<0.0025	<0.0025	
11/11/2019	0.001 (J)	<0.0005			<0.0025
4/16/2020			<0.0025	<0.0025	
4/18/2020	0.00073	7.6E-05 (J)			8.9E-05 (J)
10/7/2020			<0.0025	<0.0025	
10/8/2020					<0.0025
10/9/2020	<0.0025	<0.0005			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.0005			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	0.0042	<0.0005			<0.0025
3/22/2022			<0.0025	<0.0025	
3/24/2022	<0.0025	<0.0005			<0.0025
9/8/2022			<0.0025	<0.0025	
9/12/2022	<0.0025				<0.0025
9/16/2022		0.0029			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	0.9	0.38	0.33	1.6		
3/24/2022					0.59	75
9/7/2022	1	0.6	0.61			
9/8/2022				2.1		
9/12/2022					0.71	74

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022			0.81	0.7	
3/24/2022	200	3.9			68
9/8/2022			0.69	0.82	
9/12/2022	130				63
9/16/2022		58			

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	5.9	4.9	4.7	8.8		
3/24/2022					9.2	36
9/7/2022	4.4	3.4	3.6			
9/8/2022				3.4		
9/12/2022					7.1	29

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022			5.6	4.8	
3/24/2022	140	9.2			64
9/8/2022			4.3	5.3	
9/12/2022	64				40
9/16/2022		21			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0025	<0.0025	<0.0025	<0.0025		
3/3/2016					<0.0025	<0.0025
5/2/2016	0.0029		0.0019 (J)	0.0034		
5/4/2016		<0.0025			0.0037	<0.0025
7/5/2016	<0.0025		0.0051	0.0059		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	<0.0025	<0.0025	<0.0025	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	<0.0025		<0.0025	<0.0025		
11/8/2016					<0.0025	<0.0025
11/10/2016		<0.0025				
1/9/2017	<0.0025		0.017 (o)	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	<0.0025		<0.0025	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						<0.0025
5/15/2017	<0.0025		<0.0025	<0.0025		<0.0025
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	<0.0025		<0.0025	<0.0025		
3/13/2018					<0.0025	<0.0025
3/14/2018		<0.0025				
6/5/2018	<0.0025		<0.0025	<0.0025		
6/6/2018					<0.0025	
6/7/2018						<0.0025
6/10/2018		<0.0025				
10/16/2018	<0.0025		<0.0025	<0.0025		
10/18/2018		<0.0025				
2/27/2019	<0.0025	<0.0025	<0.0025	<0.0025		
2/28/2019					<0.0025	<0.0025
5/31/2019	<0.0025	<0.0025	<0.0025	<0.0025		
11/6/2019	<0.0025	<0.0025	<0.0025	<0.0025		
4/16/2020	<0.0025	<0.0025	<0.0025	<0.0025		
4/18/2020					<0.0025	<0.0025
10/7/2020	<0.0025	0.0046	0.001 (J)	0.0015 (J)		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	<0.0025	0.0024	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						0.0014
9/2/2021	0.0014 (J)	<0.0025	<0.0025	<0.0025		
9/7/2021					0.0012 (J)	0.0012 (J)
3/22/2022	0.0046	0.0051	0.00032 (J)	0.00027 (J)		
3/24/2022					<0.0025	<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025			
9/8/2022				<0.0025		
9/12/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0025	0.00056 (J)	
3/3/2016	<0.0025	<0.001			<0.0025
5/2/2016				0.0021 (J)	
5/3/2016			0.0012 (J)		
5/4/2016	0.0012 (J)	0.0025			<0.0025
7/5/2016			<0.0025	<0.0025	
7/6/2016	<0.0025				<0.0025
7/7/2016		<0.001			
9/6/2016			<0.0025	<0.0025	
9/7/2016	<0.0025	<0.001			<0.0025
11/7/2016		<0.001	<0.0025	<0.0025	
11/8/2016	<0.0025				<0.0025
1/9/2017			<0.0025	<0.0025	
1/10/2017	<0.0025	<0.001			<0.0025
3/13/2017			<0.0025	<0.0025	
3/15/2017	<0.0025	<0.001			
3/16/2017					<0.0025
5/15/2017			<0.0025	<0.0025	
5/16/2017	<0.0025	<0.001			<0.0025
3/12/2018			<0.0025	<0.0025	
3/13/2018	<0.0025	<0.001			<0.0025
6/6/2018			<0.0025	<0.0025	
6/7/2018	<0.0025	<0.001			<0.0025
10/17/2018			<0.0025	<0.0025	
2/27/2019			<0.0025	<0.0025	<0.0025
2/28/2019	<0.0025	<0.001			
5/31/2019			<0.0025	<0.0025	
11/6/2019			<0.0025	<0.0025	
4/16/2020			<0.0025	<0.0025	
4/18/2020	<0.0025	<0.001			0.00082
10/7/2020			0.0033	0.0017 (J)	
10/8/2020					<0.0025
10/9/2020	0.0016 (J)	0.0016 (J)			
3/29/2021			<0.0025	<0.0025	
4/1/2021	<0.0025	<0.001			<0.0025
9/2/2021			<0.0025	<0.0025	
9/7/2021	0.0025	0.0012 (J)			0.0022 (J)
3/22/2022			0.0088	0.0022	
3/24/2022	0.0021 (J)	0.002			<0.0025
9/8/2022			<0.0025	<0.0025	
9/12/2022	<0.0025				<0.0025
9/16/2022		0.0013 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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)	<0.0025	0.00064 (J)	0.00023 (J)		
3/3/2016					<0.0025	<0.0025
5/2/2016	0.0013 (J)		0.0014 (J)	0.00092 (J)		
5/4/2016		<0.0025			0.00093 (J)	0.0007 (J)
7/5/2016	0.00049 (J)		0.0027	0.0032		
7/6/2016						<0.0025
7/7/2016					<0.0025	
7/8/2016		<0.0025				
9/6/2016	0.00062 (J)	0.00042 (J)	0.00062 (J)	<0.0025		
9/7/2016					<0.0025	
9/8/2016						<0.0025
11/7/2016	0.00049 (J)		0.00058 (J)	<0.0025		
11/8/2016					<0.0025	0.00051 (J)
11/10/2016		<0.0025				
1/9/2017	0.00045 (J)		0.00059 (J)	<0.0025		
1/10/2017					<0.0025	<0.0025
1/11/2017		<0.0025				
3/13/2017	0.00048 (J)		0.0005 (J)	<0.0025		
3/14/2017		<0.0025				
3/15/2017					<0.0025	
3/16/2017						0.0004 (J)
5/15/2017	0.00052 (J)		0.00046 (J)	<0.0025		0.00079 (J)
5/16/2017					<0.0025	
5/18/2017		<0.0025				
3/12/2018	0.00055 (J)		0.00055 (J)	<0.0025		
3/13/2018					<0.0025	0.00056 (J)
3/14/2018		<0.0025				
6/5/2018	0.00051 (J)		0.00052 (J)	<0.0025		
6/6/2018					<0.0025	
6/7/2018						0.0007 (J)
6/10/2018		<0.0025				
10/16/2018	0.00058 (J)		0.00045 (J)	<0.0025		
10/17/2018						<0.0025
10/18/2018		<0.0025			<0.0025	
2/27/2019	0.00065 (J)	<0.0025	0.00056 (J)	<0.0025		
2/28/2019					<0.0025	0.00059 (J)
5/31/2019	0.00046 (J)	<0.0025	<0.0025	<0.0025	<0.0025	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)	<0.0025	<0.0025	<0.0025		
10/8/2020						<0.0025
10/9/2020					<0.0025	
3/29/2021	0.00059	<0.0025	<0.0025	<0.0025		
3/31/2021					<0.0025	
4/1/2021						<0.0025
9/2/2021	0.00069 (J)	<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	<0.0025
3/22/2022	0.0014	0.0012	0.00038 (J)	0.0002 (J)		
3/24/2022					0.00024 (J)	<0.0025
9/7/2022	<0.0025	<0.0025	<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				<0.0025		
9/12/2022					<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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			<0.0025	0.00055 (J)	
7/6/2016	0.15				<0.0025
7/7/2016		0.00044 (J)			
9/6/2016			0.00094 (J)	0.00057 (J)	
9/7/2016	0.019	0.00052 (J)			<0.0025
11/7/2016		0.00046 (J)	0.00041 (J)	0.00047 (J)	
11/8/2016	0.099				<0.0025
1/9/2017			0.00074 (J)	0.00054 (J)	
1/10/2017	0.077	0.00042 (J)			<0.0025
3/13/2017			0.00091 (J)	0.0004 (J)	
3/15/2017	0.0042	0.00044 (J)			
3/16/2017					<0.0025
5/15/2017			0.00075 (J)	0.00046 (J)	
5/16/2017	0.0067	<0.0025			<0.0025
3/12/2018			0.00044 (J)	<0.0025	
3/13/2018	0.015	<0.0025			<0.0025
6/6/2018			0.0004 (J)	0.00048 (J)	
6/7/2018	0.014	<0.0025			<0.0025
10/17/2018	0.012	<0.0025	<0.0025	0.00043 (J)	<0.0025
2/27/2019			<0.0025	0.00045 (J)	<0.0025
2/28/2019	0.02	0.00042 (J)			
5/31/2019	0.026	0.00046 (J)	<0.0025	<0.0025	<0.0025
11/6/2019			0.00029 (J)	0.00094 (J)	
11/11/2019	0.023	0.00063 (J)			<0.0025
4/16/2020			0.00029 (J)	0.00053	
4/18/2020	0.015	0.00045 (J)			<0.0025
10/7/2020			<0.0025	<0.0025	
10/8/2020					<0.0025
10/9/2020	0.0019 (J)	<0.0025			
3/29/2021			<0.0025	0.00062	
4/1/2021	0.0079	<0.0025			<0.0025
9/2/2021			<0.0025	0.00069 (J)	
9/7/2021	0.3	<0.0025			<0.0025
3/22/2022			0.0014	0.0016	
3/24/2022	0.01	0.0016			<0.0025
9/8/2022			<0.0025	0.00064 (J)	
9/12/2022	0.012				<0.0025
9/16/2022		0.036			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	1.75	1.1	1.78	3.12		
3/24/2022					5.39	5.28

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2022	2	1.32	1.46			
9/8/2022				3.32		
9/12/2022					5.46	4.49

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022			1.33	1.32	
3/24/2022	6.01	3			3.16
9/8/2022			0.936	1.36	
9/12/2022	3.54				2.84
9/16/2022		20			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022	4.9	5.02	4.91	4.89		
3/24/2022					4.68	6.9
9/7/2022	4.72	4.89	4.92			
9/8/2022				4.78		
9/12/2022					4.64	6.76

Time Series

Constituent: Field pH (SU) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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
3/22/2022			5.1	5.18	
3/24/2022	5.83	4.84			6.68
9/8/2022			4.87	5.13	
9/12/2022	6.13				6.58
9/16/2022		3.8			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.1	<0.1	<0.1	<0.1		
3/3/2016					0.041 (J)	0.15
5/2/2016	<0.1		<0.1	<0.1		
5/4/2016		<0.1			<0.1	0.11
7/5/2016	<0.1		<0.1	<0.1		
7/6/2016						0.13
7/7/2016					<0.1	
7/8/2016		<0.1				
9/6/2016	<0.1	<0.1	<0.1	<0.1		
9/7/2016					<0.1	
9/8/2016						0.12
11/7/2016	<0.1		<0.1	<0.1		
11/8/2016					<0.1	0.13
11/10/2016		<0.1				
1/9/2017	<0.1		<0.1	<0.1		
1/10/2017					<0.1	0.15
1/11/2017		<0.1				
3/13/2017	<0.1		<0.1	<0.1		
3/14/2017		<0.1				
3/15/2017					<0.1	
3/16/2017						0.16
5/15/2017	<0.1		<0.1	<0.1		0.2
5/16/2017					<0.1	
5/18/2017		<0.1				
10/2/2017	<0.1		<0.1	<0.1		
10/3/2017					<0.1	0.25
10/5/2017		<0.1				
12/20/2017						0.25
3/12/2018	<0.1		<0.1	<0.1		
3/13/2018					<0.1	0.26
3/14/2018		0.12				
6/5/2018	<0.1		<0.1	<0.1		
6/6/2018					<0.1	
6/7/2018						0.28
6/10/2018		<0.1				
10/16/2018	<0.1		<0.1	<0.1		
10/17/2018						0.29
10/18/2018		<0.1			<0.1	
2/27/2019	<0.1	<0.1	<0.1	<0.1		
2/28/2019					<0.1	0.28
5/31/2019	<0.1	<0.1	<0.1	<0.1	<0.1	0.33
11/6/2019	<0.1	<0.1	<0.1	<0.1		
11/11/2019					<0.1	0.26
4/16/2020	<0.1	<0.1	<0.1	<0.1		
4/18/2020					<0.1	0.25
10/7/2020	<0.1	<0.1	<0.1	<0.1		
10/8/2020						<0.1
10/9/2020					<0.1	
3/29/2021	0.06	<0.1	<0.1	<0.1		
3/31/2021					<0.1	
4/1/2021						0.26
9/2/2021	0.08 (J)	0.04 (J)	0.1	<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					<0.1	0.24
3/22/2022	<0.1	<0.1	<0.1	<0.1		
3/24/2022					<0.1	0.22
9/7/2022	<0.1	<0.1	<0.1			
9/8/2022				<0.1		
9/12/2022					<0.1	0.15 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.1	0.033 (J)	
3/3/2016	0.12	0.035 (J)			0.11
5/2/2016				<0.1	
5/3/2016			<0.1		
5/4/2016	0.19	<0.1			0.07 (J)
7/5/2016			<0.1	<0.1	
7/6/2016	0.15				0.07 (J)
7/7/2016		<0.1			
9/6/2016			<0.1	<0.1	
9/7/2016	0.06 (J)	<0.1			0.06 (J)
11/7/2016		<0.1	<0.1	<0.1	
11/8/2016	0.09 (J)				0.06 (J)
1/9/2017			<0.1	<0.1	
1/10/2017	<0.1	<0.1			0.04 (J)
3/13/2017			<0.1	<0.1	
3/15/2017	<0.1	<0.1			
3/16/2017					0.06 (J)
5/15/2017			<0.1	<0.1	
5/16/2017	0.04 (J)	<0.1			0.09 (J)
10/2/2017			<0.1	<0.1	
10/3/2017	0.07 (J)	<0.1			0.13
12/20/2017					0.1
3/12/2018			<0.1	<0.1	
3/13/2018	<0.1	<0.1			0.1
6/6/2018			<0.1	<0.1	
6/7/2018	<0.1	<0.1			0.14
10/17/2018	0.06 (J)	<0.1	<0.1	<0.1	0.14
2/27/2019			<0.1	<0.1	0.16
2/28/2019	<0.1	<0.1			
5/31/2019	<0.1	<0.1	<0.1	<0.1	0.2
11/6/2019			<0.1	<0.1	
11/11/2019	<0.1	<0.1			0.16
4/16/2020			<0.1	<0.1	
4/18/2020	<0.1	<0.1			0.17
10/7/2020			<0.1	<0.1	
10/8/2020					0.07 (J)
10/9/2020	0.04 (J)	<0.1			
3/29/2021			<0.1	<0.1	
4/1/2021	0.04	0.032			0.19
9/2/2021			<0.1	0.04 (J)	
9/7/2021	0.7	<0.1			0.17
3/22/2022			<0.1	<0.1	
3/24/2022	<0.1	<0.1			0.14
9/8/2022			<0.1	<0.1	
9/12/2022	<0.1				<0.1
9/16/2022		4.6			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013		
3/3/2016					<0.0013	<0.0013
5/2/2016	<0.0013		<0.0013	<0.0013		
5/4/2016		<0.0013			<0.0013	<0.0013
7/5/2016	<0.0013		<0.0013	<0.0013		
7/6/2016						<0.0013
7/7/2016					<0.0013	
7/8/2016		<0.0013				
9/6/2016	<0.0013	<0.0013	<0.0013	<0.0013		
9/7/2016					<0.0013	
9/8/2016						<0.0013
11/7/2016	<0.0013		<0.0013	<0.0013		
11/8/2016					<0.0013	<0.0013
11/10/2016		<0.0013				
1/9/2017	<0.0013		<0.0013	<0.0013		
1/10/2017					<0.0013	<0.0013
1/11/2017		<0.0013				
3/13/2017	<0.0013		<0.0013	<0.0013		
3/14/2017		<0.0013				
3/15/2017					<0.0013	
3/16/2017						<0.0013
5/15/2017	<0.0013		<0.0013	<0.0013		<0.0013
5/16/2017					<0.0013	
5/18/2017		<0.0013				
3/12/2018	<0.0013		<0.0013	<0.0013		
3/13/2018					<0.0013	<0.0013
3/14/2018		<0.0013				
6/5/2018	<0.0013		<0.0013	<0.0013		
6/6/2018					<0.0013	
6/7/2018						<0.0013
6/10/2018		<0.0013				
10/16/2018	<0.0013		<0.0013	<0.0013		
10/18/2018		<0.0013				
2/27/2019	<0.0013	<0.0013	0.001 (J)	<0.0013		
2/28/2019					<0.0013	<0.0013
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013		
11/6/2019	0.0001 (J)	<0.0013	6.6E-05 (J)	8.4E-05 (J)		
4/16/2020	6.6E-05 (J)	<0.0013	<0.0013	<0.0013		
4/18/2020					8.3E-05 (J)	0.00011 (J)
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013		
10/8/2020						<0.0013
10/9/2020					<0.0013	
3/29/2021	<0.0013	<0.0013	<0.0013	<0.0013		
3/31/2021					0.00039	
4/1/2021						<0.0013
9/2/2021	<0.0013	<0.0013	<0.0013	<0.0013		
9/7/2021					<0.0013	<0.0013
3/22/2022	<0.0013	<0.0013	<0.0013	<0.0013		
3/24/2022					<0.0013	<0.0013
9/7/2022	<0.0013	<0.0013	<0.0013			
9/8/2022				<0.0013		
9/12/2022					<0.0013	<0.0013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0013	<0.0013	
3/3/2016	<0.0013	<0.00025			<0.0013
5/2/2016				<0.0013	
5/3/2016			<0.0013		
5/4/2016	0.00086 (J)	<0.00025			<0.0013
7/5/2016			<0.0013	<0.0013	
7/6/2016	0.0014				<0.0013
7/7/2016		<0.00025			
9/6/2016			<0.0013	<0.0013	
9/7/2016	0.00056 (J)	<0.00025			<0.0013
11/7/2016		<0.00025	<0.0013	<0.0013	
11/8/2016	0.00047 (J)				<0.0013
1/9/2017			<0.0013	<0.0013	
1/10/2017	0.00041 (J)	<0.00025			<0.0013
3/13/2017			<0.0013	<0.0013	
3/15/2017	<0.0013	<0.00025			
3/16/2017					<0.0013
5/15/2017			<0.0013	<0.0013	
5/16/2017	<0.0013	<0.00025			<0.0013
3/12/2018			<0.0013	<0.0013	
3/13/2018	<0.0013	<0.00025			<0.0013
6/6/2018			<0.0013	<0.0013	
6/7/2018	<0.0013	<0.00025			<0.0013
10/17/2018			<0.0013	<0.0013	
2/27/2019			<0.0013	<0.0013	<0.0013
2/28/2019	<0.0013	<0.00025			
5/31/2019			<0.0013	<0.0013	
11/6/2019			<0.0013	0.0002 (J)	
4/16/2020			<0.0013	0.00016 (J)	
4/18/2020	0.00022 (J)	<0.00025			<0.0013
10/7/2020			<0.0013	<0.0013	
10/8/2020					<0.0013
10/9/2020	0.00048 (J)	<0.00025			
3/29/2021			<0.0013	<0.0013	
4/1/2021	<0.0013	<0.00025			<0.0013
9/2/2021			<0.0013	<0.0013	
9/7/2021	<0.0013	<0.00025			<0.0013
3/22/2022			<0.0013	<0.0013	
3/24/2022	<0.0013	<0.00025			<0.0013
9/8/2022			<0.0013	<0.0013	
9/12/2022	<0.0013				<0.0013
9/16/2022		0.0019			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.005	<0.005	<0.005	<0.005		
3/3/2016					<0.005	0.037
5/2/2016	<0.005		<0.005	<0.005		
5/4/2016		<0.005			<0.005	0.029
7/5/2016	<0.005		<0.005	<0.005		
7/6/2016						0.024
7/7/2016					<0.005	
7/8/2016		<0.005				
9/6/2016	<0.005	0.0037 (J)	<0.005	<0.005		
9/7/2016					<0.005	
9/8/2016						0.022
11/7/2016	<0.005		<0.005	<0.005		
11/8/2016					<0.005	0.026
11/10/2016		<0.005				
1/9/2017	<0.005		<0.005	<0.005		
1/10/2017					<0.005	0.024
1/11/2017		<0.005				
3/13/2017	<0.005		<0.005	<0.005		
3/14/2017		<0.005				
3/15/2017					<0.005	
3/16/2017						0.029
5/15/2017	<0.005		<0.005	<0.005		0.025
5/16/2017					<0.005	
5/18/2017		<0.005				
3/12/2018	0.0011 (J)		0.0014 (J)	<0.005		
3/13/2018					<0.005	0.03
3/14/2018		<0.005				
6/5/2018	<0.005		0.0012 (J)	<0.005		
6/6/2018					<0.005	
6/7/2018						0.025
6/10/2018		<0.005				
10/16/2018	<0.005		0.0015 (J)	0.0013 (J)		
10/17/2018						0.024
10/18/2018		0.0013 (J)			<0.005	
2/27/2019	<0.005	<0.005	<0.005	<0.005		
2/28/2019					<0.005	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	<0.005		
11/11/2019					0.00062 (J)	0.023
4/16/2020	0.0006 (J)	<0.005	0.00063 (J)	<0.005		
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					<0.005	
3/29/2021	<0.005	0.0019	<0.005	<0.005		
3/31/2021					0.0036	
4/1/2021						0.022
9/2/2021	<0.005	<0.005	<0.005	<0.005		
9/7/2021					<0.005	0.023
3/22/2022	0.0013	0.0014	<0.005	<0.005		
3/24/2022					<0.005	0.021
9/7/2022	<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				<0.005		
9/12/2022					<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.005	0.0037	
3/3/2016	<0.005	<0.005			<0.005
5/2/2016				<0.005	
5/3/2016			<0.005		
5/4/2016	<0.005	<0.005			<0.005
7/5/2016			<0.005	<0.005	
7/6/2016	0.0044 (J)				<0.005
7/7/2016		<0.005			
9/6/2016			<0.005	<0.005	
9/7/2016	<0.005	<0.005			<0.005
11/7/2016		<0.005	<0.005	0.0097 (o)	
11/8/2016	<0.005				<0.005
1/9/2017			<0.005	<0.005	
1/10/2017	<0.005	<0.005			<0.005
3/13/2017			<0.005	<0.005	
3/15/2017	<0.005	<0.005			
3/16/2017					<0.005
5/15/2017			<0.005	<0.005	
5/16/2017	<0.005	<0.005			<0.005
3/12/2018			<0.005	<0.005	
3/13/2018	<0.005	<0.005			<0.005
6/6/2018			<0.005	0.0021 (J)	
6/7/2018	0.0012 (J)	0.0014 (J)			0.0011 (J)
10/17/2018	<0.005	<0.005	<0.005	0.0012 (J)	<0.005
2/27/2019			<0.005	0.002 (J)	0.0011 (J)
2/28/2019	<0.005	<0.005			
5/31/2019	0.0023 (J)	<0.005	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			<0.005	0.00091 (J)	
4/18/2020	0.0012	0.00047 (J)			<0.005
10/7/2020			0.005	0.0049 (J)	
10/8/2020					<0.005
10/9/2020	<0.005	<0.005			
3/29/2021			<0.005	0.0042	
4/1/2021	0.0027	0.0025			<0.005
9/2/2021			<0.005	<0.005	
9/7/2021	0.0096	<0.005			<0.005
3/22/2022			0.0012	<0.005	
3/24/2022	<0.005	<0.005			<0.005
9/8/2022			<0.005	<0.005	
9/12/2022	<0.005				<0.005
9/16/2022		0.006			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0002	<0.0002	9.1E-05 (J)	<0.0002		
3/3/2016					<0.0002	<0.0002
5/2/2016	<0.0002		7.4E-05 (J)	<0.0002		
5/4/2016		<0.0002			<0.0002	<0.0002
7/5/2016	<0.0002		<0.0002	<0.0002		
7/6/2016						<0.0002
7/7/2016					<0.0002	
7/8/2016		<0.0002 (*)				
9/6/2016	<0.0002 (*)	<0.0002	<0.0002 (*)	<0.0002		
9/7/2016					<0.0002	
9/8/2016						<0.0002
11/7/2016	<0.0002		<0.0002	<0.0002		
11/8/2016					<0.0002	<0.0002
11/10/2016		<0.0002				
1/9/2017	<0.0002 (*)		<0.0002 (*)	<0.0002 (*)		
1/10/2017					<0.0002	<0.0002
1/11/2017		<0.0002				
3/13/2017	<0.0002		<0.0002	<0.0002		
3/14/2017		<0.0002 (*)				
3/15/2017					<0.0002	
3/16/2017						<0.0002
5/15/2017	<0.0002		<0.0002	<0.0002		<0.0002
5/16/2017					<0.0002	
5/18/2017		<0.0002				
3/12/2018	<0.0002		<0.0002	<0.0002		
3/13/2018					<0.0002	<0.0002
3/14/2018		9.3E-05 (J)				
6/5/2018	<0.0002		<0.0002	<0.0002		
6/6/2018					<0.0002	
6/7/2018						<0.0002
6/10/2018		<0.0002				
10/16/2018	<0.0002		<0.0002	<0.0002		
10/17/2018						<0.0002
10/18/2018		<0.0002			<0.0002	
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002		
2/28/2019					<0.0002	<0.0002
5/31/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/6/2019	<0.0002	<0.0002	<0.0002	<0.0002		
11/11/2019					<0.0002	<0.0002
4/16/2020	<0.0002	<0.0002	<0.0002	<0.0002		
4/18/2020					<0.0002	<0.0002
10/7/2020	<0.0002	<0.0002	0.00025	0.00013 (J)		
10/8/2020						<0.0002
10/9/2020					<0.0002	
3/29/2021	<0.0002	<0.0002	<0.0002	<0.0002		
3/31/2021					0.00019	
4/1/2021						<0.0002
9/2/2021	<0.0002	<0.0002	<0.0002	<0.0002		
9/7/2021					<0.0002	<0.0002
3/22/2022	<0.0002	<0.0002	<0.0002	<0.0002		
3/24/2022					<0.0002	<0.0002
9/7/2022	<0.0002	<0.0002	<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				<0.0002		
9/12/2022					<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0002	<0.0002	
3/3/2016	8.6E-05 (J)	<0.0002			<0.0002
5/2/2016				<0.0002	
5/3/2016			<0.0002		
5/4/2016	0.00026	<0.0002			<0.0002
7/5/2016			<0.0002	<0.0002	
7/6/2016	0.0012				<0.0002 (*)
7/7/2016		<0.0002			
9/6/2016			<0.0002 (*)	<0.0002 (*)	
9/7/2016	<0.0002	<0.0002			<0.0002
11/7/2016		<0.0002	<0.0002	<0.0002	
11/8/2016	0.00065				<0.0002
1/9/2017			<0.0002 (*)	<0.0002 (*)	
1/10/2017	<0.0002	<0.0002			<0.0002
3/13/2017			<0.0002	<0.0002	
3/15/2017	<0.0002	<0.0002			
3/16/2017					<0.0002
5/15/2017			<0.0002	<0.0002	
5/16/2017	0.00042	<0.0002			<0.0002
3/12/2018			<0.0002	<0.0002	
3/13/2018	0.00039	<0.0002			<0.0002
6/6/2018			<0.0002	<0.0002	
6/7/2018	0.00033	<0.0002			<0.0002
10/17/2018	0.00041	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2019			<0.0002	<0.0002	<0.0002
2/28/2019	0.00055	<0.0002			
5/31/2019	0.00054	<0.0002	<0.0002	<0.0002	<0.0002
11/6/2019			<0.0002	<0.0002	
11/11/2019	0.0011	<0.0002			<0.0002
4/16/2020			<0.0002	<0.0002	
4/18/2020	0.00082	<0.0002			<0.0002
10/7/2020			8E-05 (J)	<0.0002	
10/8/2020					8.7E-05 (J)
10/9/2020	0.00033	0.00014 (J)			
3/29/2021			<0.0002	<0.0002	
4/1/2021	0.00012	<0.0002			0.00042
9/2/2021			<0.0002	<0.0002	
9/7/2021	<0.0002	<0.0002			<0.0002
3/22/2022			<0.0002	<0.0002	
3/24/2022	<0.0002	0.0018			<0.0002
9/8/2022			<0.0002	<0.0002	
9/12/2022	0.00016 (J)				<0.0002
9/16/2022		0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.015	<0.015	<0.015	<0.015		
3/3/2016					<0.015	0.99
5/2/2016	<0.015		<0.015	<0.015		
5/4/2016		<0.015			<0.015	0.99
7/5/2016	<0.015		<0.015	<0.015		
7/6/2016						1.9
7/7/2016					<0.015	
7/8/2016		<0.015				
9/6/2016	<0.015	<0.015	<0.015	<0.015		
9/7/2016					<0.015	
9/8/2016						2.4
11/7/2016	<0.015		<0.015	<0.015		
11/8/2016					<0.015	2.2
11/10/2016		<0.015				
1/9/2017	<0.015		<0.015	<0.015		
1/10/2017					<0.015	2.1
1/11/2017		<0.015				
3/13/2017	0.0042 (J)		<0.015	0.0022 (J)		
3/14/2017		<0.015				
3/15/2017					<0.015	
3/16/2017						1.6
5/15/2017	<0.015		<0.015	<0.015		1.2
5/16/2017					<0.015	
5/18/2017		<0.015				
3/12/2018	<0.015		<0.015	<0.015		
3/13/2018					<0.015	1
3/14/2018		<0.015				
6/5/2018	<0.015		0.00088 (J)	<0.015		
6/6/2018					<0.015	
6/7/2018						1.1
6/10/2018		<0.015				
10/16/2018	<0.015		<0.015	<0.015		
10/17/2018						1.1
10/18/2018		<0.015			<0.015	
2/27/2019	<0.015	<0.015	<0.015	<0.015		
2/28/2019					<0.015	0.77
5/31/2019	<0.015	<0.015	<0.015	<0.015	<0.015	0.64
11/6/2019	<0.015	<0.015	<0.015	<0.015		
11/11/2019					<0.015	0.85
4/16/2020	<0.015	<0.015	<0.015	<0.015		
4/18/2020					<0.015	0.81
10/7/2020	<0.015	<0.015	<0.015	<0.015		
10/8/2020						0.5
10/9/2020					<0.015	
3/29/2021	<0.015	<0.015	<0.015	<0.015		
3/31/2021					<0.015	
4/1/2021						0.49
9/2/2021	<0.015	<0.015	<0.015	<0.015		
9/7/2021					<0.015	0.44
3/22/2022	0.00066 (J)	0.00064 (J)	<0.015	<0.015		
3/24/2022					<0.015	0.53
9/7/2022	<0.015	<0.015	<0.015			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				<0.015		
9/12/2022					<0.015	0.44

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.015	<0.015	
3/3/2016	<0.015	<0.015			<0.015
5/2/2016				<0.015	
5/3/2016			<0.015		
5/4/2016	<0.015	<0.015			<0.015
7/5/2016			<0.015	<0.015	
7/6/2016	0.0018 (J)				<0.015
7/7/2016		<0.015			
9/6/2016			<0.015	<0.015	
9/7/2016	0.0029 (J)	<0.015			<0.015
11/7/2016		<0.015	<0.015	<0.015	
11/8/2016	<0.015				<0.015
1/9/2017			<0.015	<0.015	
1/10/2017	<0.015 (*)	<0.015			<0.015
3/13/2017			<0.015	<0.015	
3/15/2017	<0.015	<0.015			
3/16/2017					<0.015
5/15/2017			<0.015	<0.015	
5/16/2017	<0.015 (*)	<0.015 (*)			<0.015
3/12/2018			<0.015	<0.015	
3/13/2018	0.0033 (J)	<0.015			<0.015
6/6/2018			<0.015	<0.015	
6/7/2018	0.0065 (J)	0.0016 (J)			0.00098 (J)
10/17/2018	0.0043 (J)	<0.015	<0.015	<0.015	<0.015
2/27/2019			<0.015	<0.015	<0.015
2/28/2019	0.0028 (J)	<0.015			
5/31/2019	<0.015	<0.015	<0.015	<0.015	<0.015
11/6/2019			<0.015	<0.015	
11/11/2019	0.0056 (J)	<0.015			<0.015
4/16/2020			<0.015	<0.015	
4/18/2020	<0.015	<0.015			<0.015
10/7/2020			<0.015	<0.015	
10/8/2020					<0.015
10/9/2020	<0.015	<0.015			
3/29/2021			<0.015	<0.015	
4/1/2021	<0.015	<0.015			<0.015
9/2/2021			<0.015	<0.015	
9/7/2021	<0.015	<0.015			<0.015
3/22/2022			0.0011 (J)	0.00031 (J)	
3/24/2022	<0.015	0.00033 (J)			0.002 (J)
9/8/2022			<0.015	<0.015	
9/12/2022	<0.015				0.0022 (J)
9/16/2022		<0.015			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0013	<0.0013	<0.0013	<0.0013		
3/3/2016					<0.0013	0.008
5/2/2016	<0.0013		<0.0013	0.00025 (J)		
5/4/2016		<0.0013			<0.0013	0.0068
7/5/2016	<0.0013		<0.0013	<0.0013		
7/6/2016						0.0061
7/7/2016					<0.0013	
7/8/2016		<0.0013				
9/6/2016	0.00049 (J)	<0.0013	<0.0013	0.00027 (J)		
9/7/2016					<0.0013	
9/8/2016						0.0065
11/7/2016	<0.0013		<0.0013	<0.0013		
11/8/2016					<0.0013	0.0046
11/10/2016		<0.0013				
1/9/2017	<0.0013		<0.0013	<0.0013		
1/10/2017					<0.0013	0.0045
1/11/2017		0.00049 (J)				
3/13/2017	0.0023		<0.0013	0.0025		
3/14/2017		<0.0013				
3/15/2017					<0.0013	
3/16/2017						0.0079
5/15/2017	<0.0013		<0.0013	<0.0013		0.0064
5/16/2017					<0.0013	
5/18/2017		<0.0013				
3/12/2018	0.00046 (J)		0.00064 (J)	0.00047 (J)		
3/13/2018					<0.0013	0.0037
3/14/2018		0.00067 (J)				
6/5/2018	0.00049 (J)		0.00098 (J)	0.00065 (J)		
6/6/2018					<0.0013	
6/7/2018						0.0054
6/10/2018		0.00028 (J)				
10/16/2018	<0.0013		<0.0013	<0.0013		
10/17/2018						0.0026
10/18/2018		<0.0013			<0.0013	
2/27/2019	<0.0013	<0.0013	<0.0013	<0.0013		
2/28/2019					<0.0013	0.002
5/31/2019	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0041
11/6/2019	<0.0013	<0.0013	<0.0013	0.00034		
11/11/2019					<0.0013	0.0031
4/16/2020	<0.0013	<0.0013	<0.0013	0.0004		
4/18/2020					<0.0013	0.0035
10/7/2020	<0.0013	<0.0013	<0.0013	<0.0013		
10/8/2020						0.0014
10/9/2020					<0.0013	
3/29/2021	<0.0013	<0.0013	<0.0013	<0.0013		
3/31/2021					<0.0013	
4/1/2021						0.004
9/2/2021	<0.0013	<0.0013	<0.0013	<0.0013		
9/7/2021					<0.0013	0.0046
3/22/2022	<0.0013	<0.0013	<0.0013	0.00051		
3/24/2022					<0.0013	0.0042
9/7/2022	<0.0013	<0.0013	<0.0013			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				<0.0013		
9/12/2022					0.0045	0.011

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0013	<0.0013	
3/3/2016	0.0041 (J)	<0.0013			0.0051 (J)
5/2/2016				<0.0013	
5/3/2016			<0.0013		
5/4/2016	0.008	<0.0013			0.0049
7/5/2016			<0.0013	<0.0013	
7/6/2016	0.0056				0.0066
7/7/2016		<0.0013			
9/6/2016			<0.0013	<0.0013	
9/7/2016	0.0045	<0.0013			0.0073
11/7/2016		<0.0013	<0.0013	<0.0013	
11/8/2016	0.0055				0.0058
1/9/2017			<0.0013	<0.0013	
1/10/2017	0.0056	<0.0013			0.0058
3/13/2017			<0.0013	<0.0013	
3/15/2017	0.0088	<0.0013			
3/16/2017					0.006
5/15/2017			<0.0013	<0.0013	
5/16/2017	0.0029	<0.0013			0.0058
3/12/2018			0.00026 (J)	<0.0013	
3/13/2018	0.0065	<0.0013			0.0048
6/6/2018			0.00025 (J)	0.00026 (J)	
6/7/2018	0.0047	<0.0013			0.0061
10/17/2018	0.05 (o)	<0.0013	<0.0013	<0.0013	0.0023
2/27/2019			<0.0013	<0.0013	0.0033
2/28/2019	0.0011 (J)	<0.0013			
5/31/2019	0.0045	<0.0013	<0.0013	<0.0013	0.0031
11/6/2019			<0.0013	<0.0013	
11/11/2019	0.0067	0.00027			0.002
4/16/2020			<0.0013	<0.0013	
4/18/2020	0.0066	<0.0013			0.0021
10/7/2020			<0.0013	<0.0013	
10/8/2020					0.0047
10/9/2020	0.0057	<0.0013			
3/29/2021			<0.0013	<0.0013	
4/1/2021	0.0038	<0.0013			0.0027
9/2/2021			<0.0013	<0.0013	
9/7/2021	0.0069	<0.0013			0.0045
3/22/2022			<0.0013	<0.0013	
3/24/2022	0.0025	0.00077			0.0028
9/8/2022			<0.0013	0.0034	
9/12/2022	0.0075				0.012
9/16/2022		0.21			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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	<5	<5	1.6 (J)		
3/3/2016					<5	180
5/2/2016	15 (o)		<5	2.1 (J)		
5/4/2016		<5			<5	200
7/5/2016	<5		<5	2 (J)		
7/6/2016						150
7/7/2016					<5	
7/8/2016		<5				
9/6/2016	<5	<5	<5	1.8 (J)		
9/7/2016					<5	
9/8/2016						160
11/7/2016	<5		<5	1.7 (J)		
11/8/2016					<5	230
11/10/2016		<5				
1/9/2017	<5		2.6 (J)	1.5 (J)		
1/10/2017					<5	190
1/11/2017		<5				
3/13/2017	2.5 (J)		<5	2.2 (J)		
3/14/2017		<5				
3/15/2017					<5 (*)	
3/16/2017						190
5/15/2017	<5		<5	1.9 (J)		190
5/16/2017					<5	
5/18/2017		<5 (X)				
10/2/2017	<5		<5	3.4 (J)		
10/3/2017					<5	130
10/5/2017		<5				
12/20/2017						85
3/12/2018	<5		<5	2.6 (J)		
3/13/2018					<5	160
3/14/2018		<5				
6/5/2018	<5		<5	2.6 (J)		
6/6/2018					<5	
6/7/2018						280
6/10/2018		1.5 (J)				
10/16/2018	<5		<5	2.8 (J)		
10/17/2018						250
10/18/2018		<5			<5	
2/27/2019	<5	1.9 (J)	<5	2.4 (J)		
2/28/2019					<5	140
5/31/2019	<5	<5	<5	3.3 (J)	<5	140
11/6/2019	<5	<5	<5	3.7 (J)		
11/11/2019					<5	230
4/16/2020	<5	<5	<5	1.7 (J)		
4/18/2020					<5	260
10/7/2020	<5	<5	<5	4 (J)		
10/8/2020						160
10/9/2020					<5	
3/29/2021	<5	<5	<5	2.3		
3/31/2021					18	
4/1/2021						320
9/2/2021	<5	<5	<5	4.7 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/7/2021					<5	120
3/22/2022	<5	<5	<5	4.5 (J)		
3/24/2022					<5	180
9/7/2022	1.7 (J)	1.5 (J)	1.4 (J)			
9/8/2022				5.5		
9/12/2022					<5	190

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<5	<5	
3/3/2016	550	<5			230
5/2/2016				<5	
5/3/2016			<5		
5/4/2016	520	<5			280
7/5/2016			<5	<5	
7/6/2016	510				270
7/7/2016		<5			
9/6/2016			<5	3.7 (J)	
9/7/2016	340	<5			280
11/7/2016		<5	<5	<5	
11/8/2016	630				280
1/9/2017			<5	<5	
1/10/2017	580	<5			240
3/13/2017			<5	<5	
3/15/2017	250	<5 (*)			
3/16/2017					220
5/15/2017			<5	<5	
5/16/2017	410	<5			200
10/2/2017			1.5 (J)	1.7 (J)	
10/3/2017	440	<5			180
12/20/2017	400				170
3/12/2018			<5	<5	
3/13/2018	460	1.5 (J)			210
6/6/2018			<5	<5	
6/7/2018	420	<5			210
10/17/2018	320	<5	<5	<5	140
2/27/2019			<5	<5	150
2/28/2019	490	2.6 (J)			
5/31/2019	500	12	<5	<5	210
11/6/2019			<5	<5	
11/11/2019	340	5.5			170
4/16/2020			<5	<5	
4/18/2020	600	<5			120
10/7/2020			<5	<5	
10/8/2020					170
10/9/2020	300	<5			
3/29/2021			<5	<5	
4/1/2021	750	1.9			190
9/2/2021			<5	<5	
9/7/2021	530	<5			140
3/22/2022			<5	<5	
3/24/2022	680	18			1700
9/8/2022			<5	<5	
9/12/2022	450				140
9/16/2022		530			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
2/29/2016	<0.0005	<0.0005	<0.0005	<0.0005		
3/3/2016					<0.0005	0.00023 (J)
5/2/2016	<0.0005		<0.0005	<0.0005		
5/4/2016		<0.0005			<0.0005	0.00021 (J)
7/5/2016	<0.0005		<0.0005	<0.0005		
7/6/2016						0.00016 (J)
7/7/2016					<0.0005	
7/8/2016		<0.0005				
9/6/2016	<0.0005	<0.0005	<0.0005	<0.0005		
9/7/2016					<0.0005	
9/8/2016						0.00015 (J)
11/7/2016	<0.0005		<0.0005	<0.0005		
11/8/2016					<0.0005	0.00017 (J)
11/10/2016		<0.0005				
1/9/2017	<0.0005		<0.0005	<0.0005		
1/10/2017					<0.0005	0.00018 (J)
1/11/2017		<0.0005				
3/13/2017	<0.0005		<0.0005	<0.0005		
3/14/2017		<0.0005				
3/15/2017					<0.0005	
3/16/2017						0.00024 (J)
5/15/2017	<0.0005		<0.0005	<0.0005		0.00022 (J)
5/16/2017					<0.0005	
5/18/2017		<0.0005				
3/12/2018	<0.0005		<0.0005	<0.0005		
3/13/2018					<0.0005	0.00022 (J)
3/14/2018		<0.0005				
6/5/2018	<0.0005		<0.0005	<0.0005		
6/6/2018					<0.0005	
6/7/2018						0.00022 (J)
6/10/2018		<0.0005				
10/16/2018	<0.0005		<0.0005	<0.0005		
10/17/2018						0.00019 (J)
10/18/2018		<0.0005			<0.0005	
2/27/2019	<0.0005	<0.0005	<0.0005	<0.0005		
2/28/2019					<0.0005	0.00018 (J)
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2019	<0.0005	<0.0005	<0.0005	<0.0005		
11/11/2019					<0.0005	0.00023 (J)
4/16/2020	<0.0005	<0.0005	<0.0005	<0.0005		
4/18/2020					<0.0005	0.00027
10/7/2020	<0.0005	<0.0005	<0.0005	<0.0005		
10/8/2020						0.00038 (J)
10/9/2020					<0.0005	
3/29/2021	<0.0005	<0.0005	<0.0005	<0.0005 (D)		
3/31/2021					<0.0005	
4/1/2021						0.00022
9/2/2021	0.00015 (J)	<0.0005	<0.0005	<0.0005		
9/7/2021					<0.0005	0.00015 (J)
3/22/2022	<0.0005	<0.0005	<0.0005	<0.0005		
3/24/2022					<0.0005	<0.0005
9/7/2022	<0.0005	<0.0005	<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-100 (bg)	MW-101 (bg)	MW-107 (bg)	MW-108 (bg)	MW-300	MW-303
9/8/2022				<0.0005		
9/12/2022					<0.0005	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

	MW-304	MW-305	MW-306 (bg)	MW-307 (bg)	MW-308
3/1/2016			<0.0005	<0.0005	
3/3/2016	0.00015 (J)	<0.0005			0.00023 (J)
5/2/2016				<0.0005	
5/3/2016			<0.0005		
5/4/2016	0.00021 (J)	<0.0005			0.00026 (J)
7/5/2016			<0.0005	<0.0005	
7/6/2016	0.00022 (J)				0.00032 (J)
7/7/2016		<0.0005			
9/6/2016			<0.0005	<0.0005	
9/7/2016	0.0001 (J)	<0.0005			0.00036 (J)
11/7/2016		<0.0005	<0.0005	<0.0005	
11/8/2016	0.00014 (J)				0.00032 (J)
1/9/2017			<0.0005	<0.0005	
1/10/2017	0.00018 (J)	<0.0005			0.00033 (J)
3/13/2017			<0.0005	<0.0005	
3/15/2017	<0.0005	<0.0005			
3/16/2017					0.00029 (J)
5/15/2017			<0.0005	<0.0005	
5/16/2017	9.5E-05 (J)	<0.0005			0.00027 (J)
3/12/2018			<0.0005	<0.0005	
3/13/2018	0.00017 (J)	<0.0005			0.00028 (J)
6/6/2018			<0.0005	<0.0005	
6/7/2018	0.00017 (J)	<0.0005			0.00026 (J)
10/17/2018	0.00011 (J)	<0.0005	<0.0005	<0.0005	0.00022 (J)
2/27/2019			<0.0005	<0.0005	0.00022 (J)
2/28/2019	0.00016 (J)	<0.0005			
5/31/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/6/2019			<0.0005	<0.0005	
11/11/2019	0.00029 (J)	<0.0005			0.00023 (J)
4/16/2020			<0.0005	<0.0005	
4/18/2020	0.00026	<0.0005			0.00016
10/7/2020			<0.0005	<0.0005	
10/8/2020					0.00031 (J)
10/9/2020	0.00015 (J)	<0.0005			
3/29/2021			<0.0005	<0.0005	
4/1/2021	<0.0005	<0.0005			0.00019
9/2/2021			<0.0005	<0.0005	
9/7/2021	0.00015 (J)	<0.0005			0.00016 (J)
3/22/2022			<0.0005	<0.0005	
3/24/2022	<0.0005	<0.0005			<0.0005
9/8/2022			<0.0005	<0.0005	
9/12/2022	<0.0005				<0.0005
9/16/2022		<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General

Gulf Clean Energy Center Client: FPL 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		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL 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
3/22/2022	58	14	18	46		
3/24/2022					16	440
9/7/2022	36	14	22			
9/8/2022				44		
9/12/2022					22	460

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/13/2023 1:47 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL 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
3/22/2022			84	22	
3/24/2022	1400	62			470
9/8/2022			24	48	
9/12/2022	930				370
9/16/2022		770			

ND substitution: RL or RL/2 if <15% NDs.

Box Plots - 100, 200 & 300 Series

100 Series

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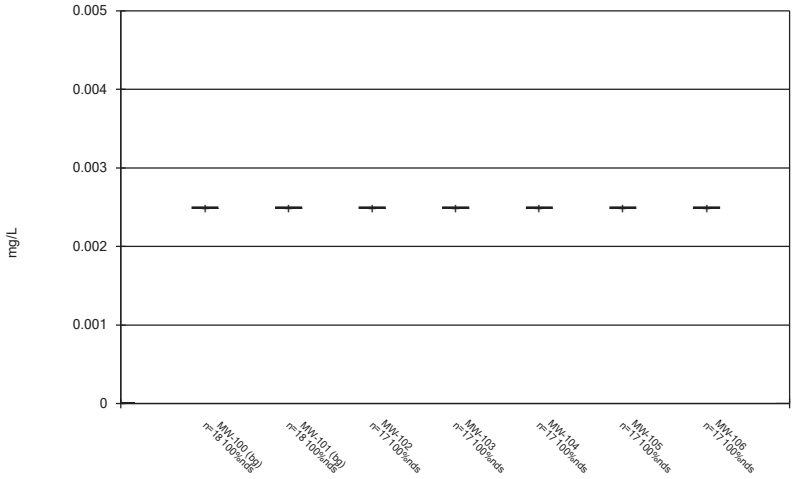
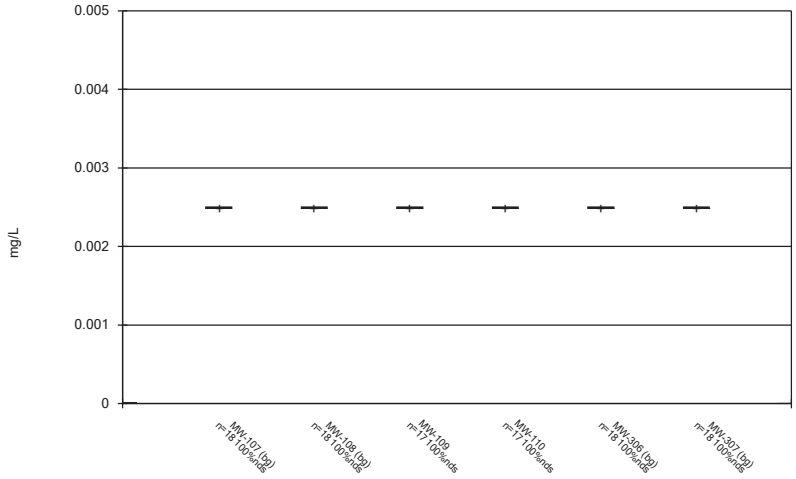
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

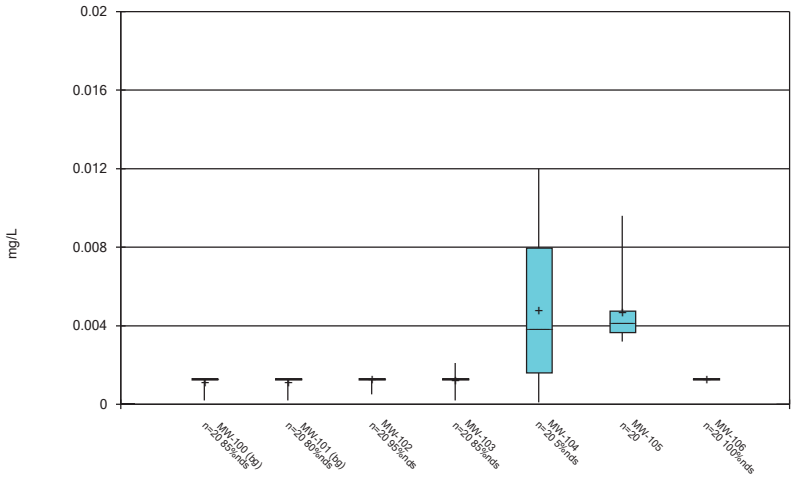
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

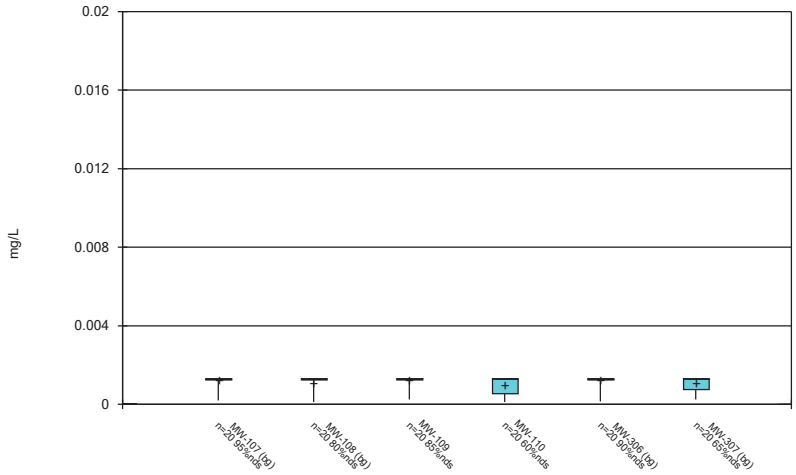
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

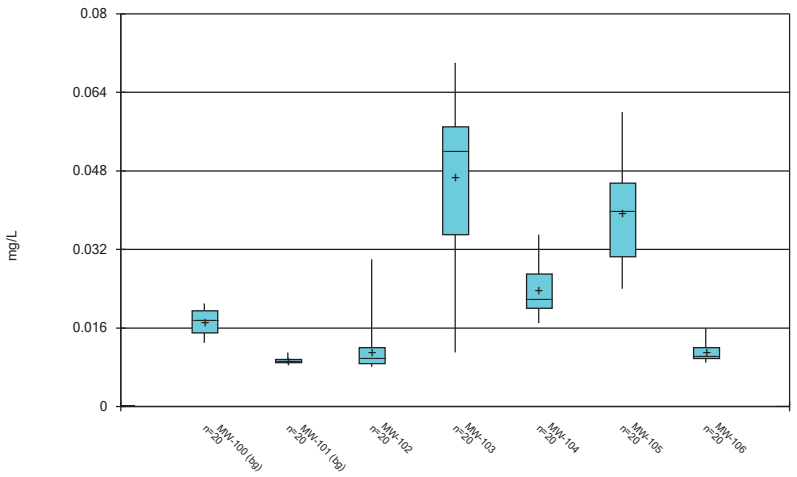
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

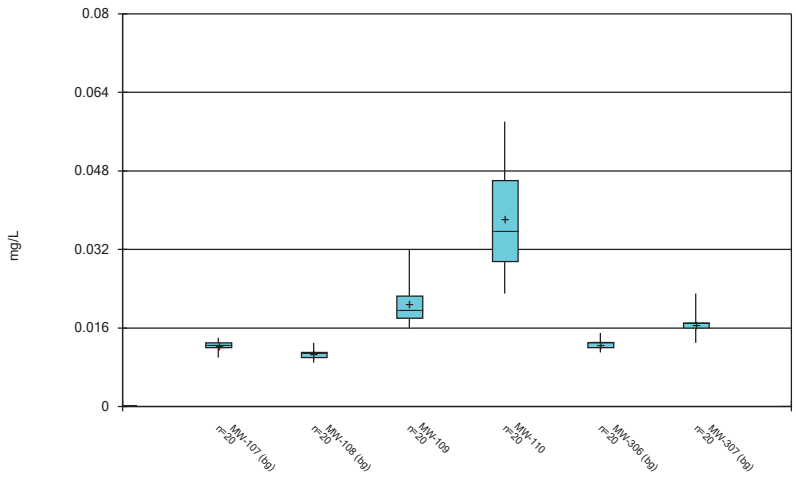
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

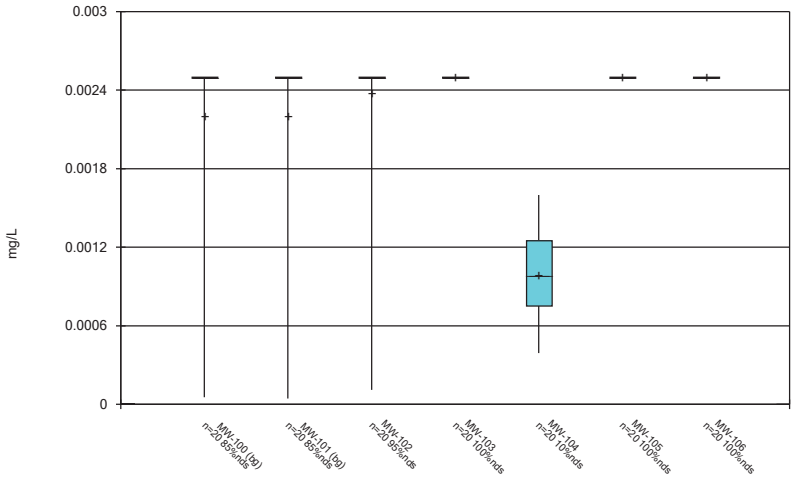
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

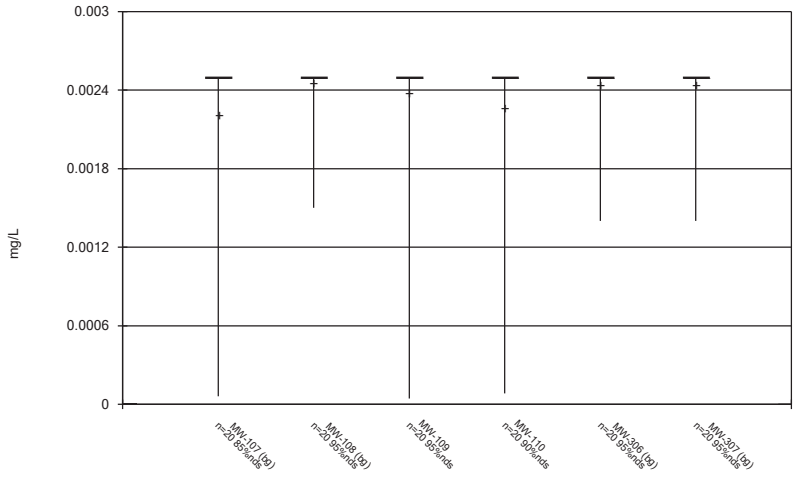
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

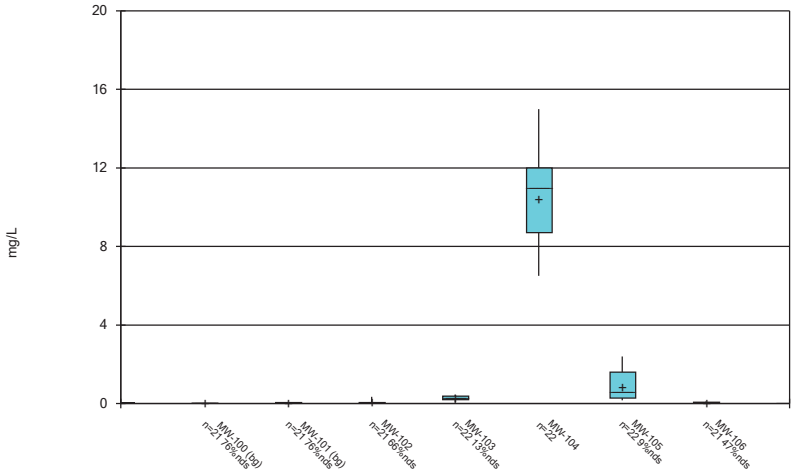
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

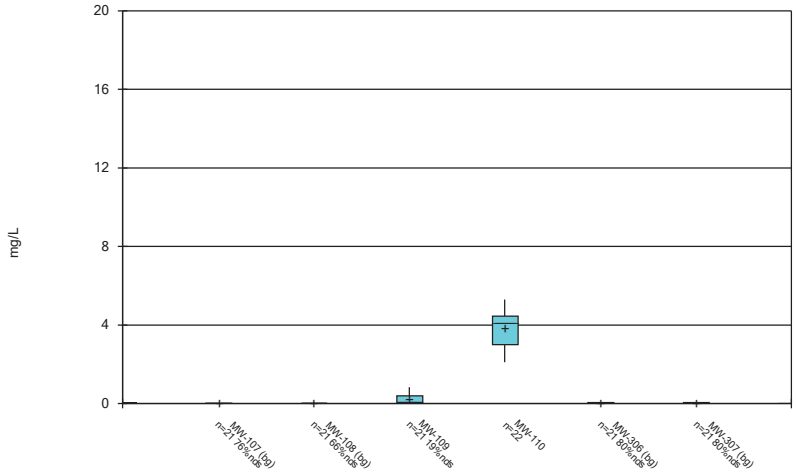
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

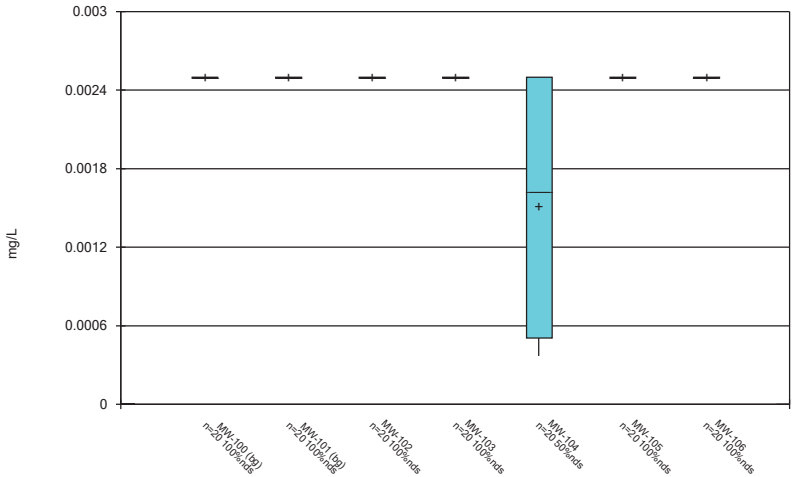
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

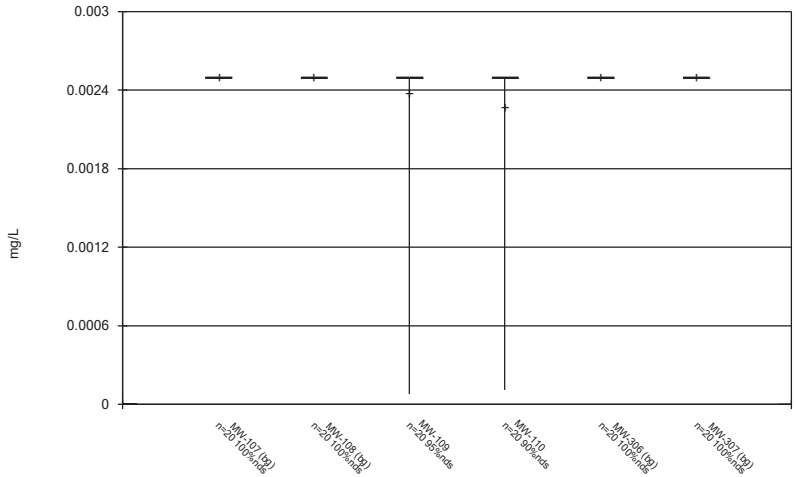
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

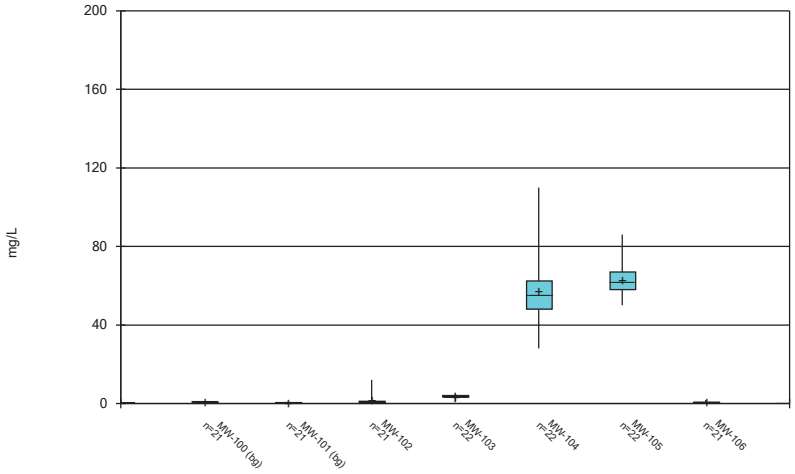
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

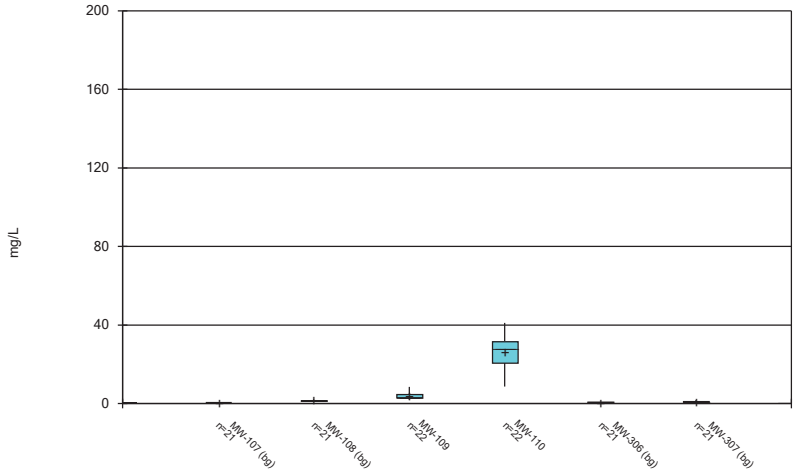
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

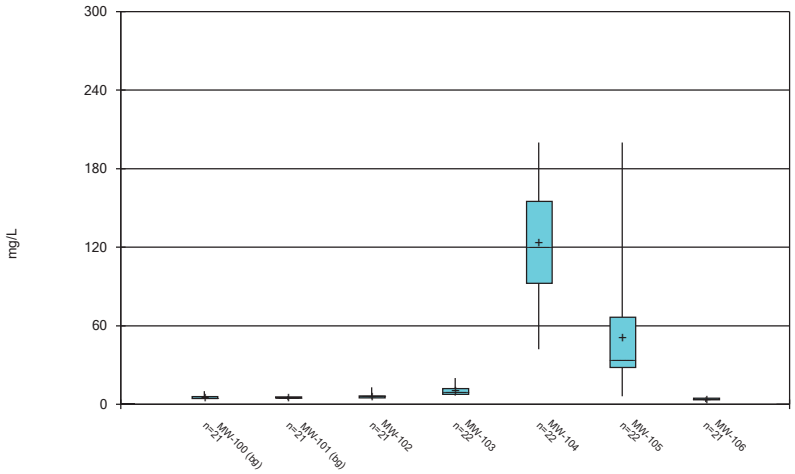
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

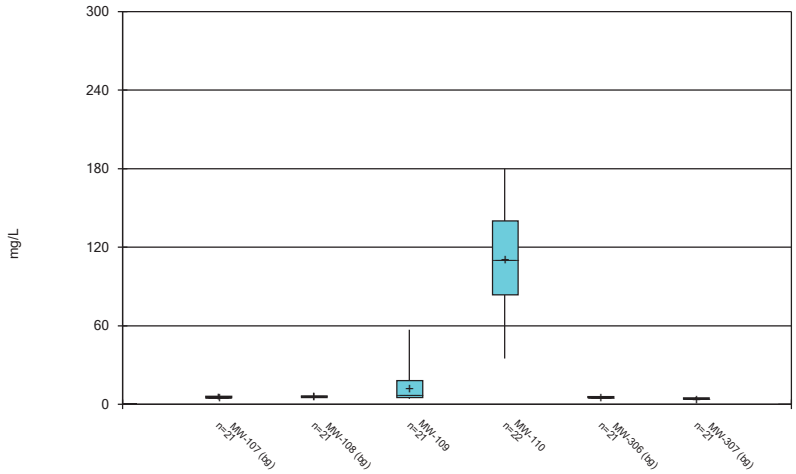
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

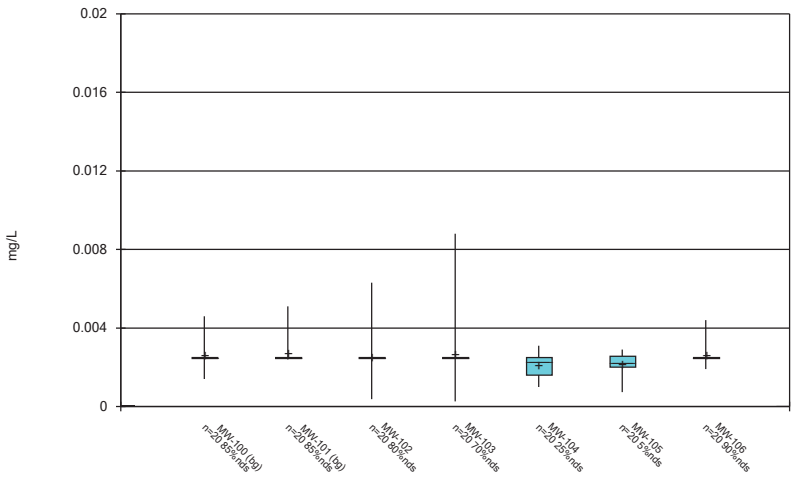
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

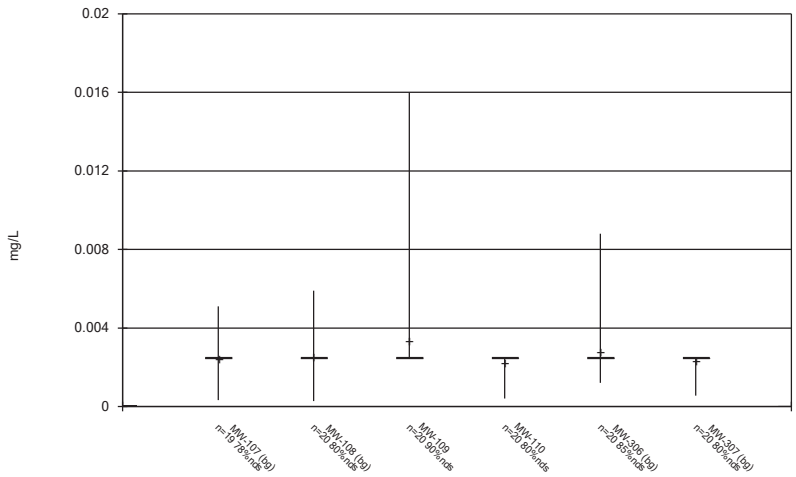
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

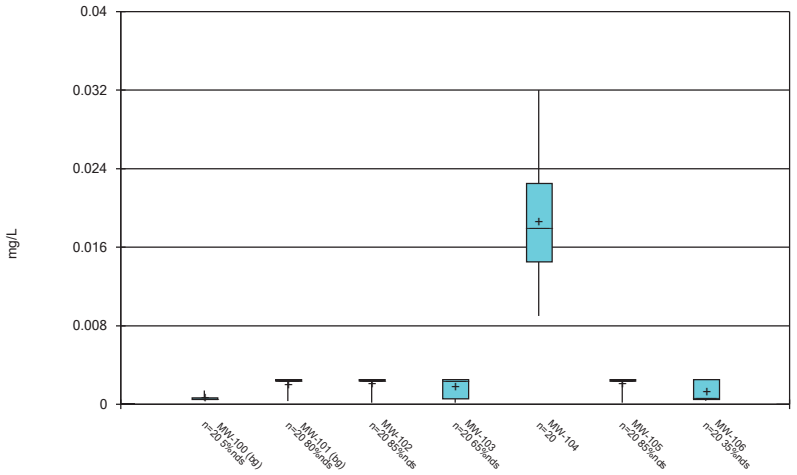
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

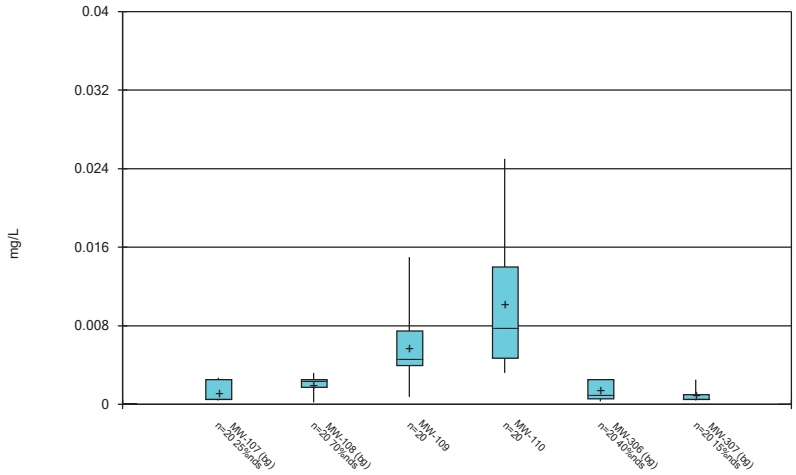
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

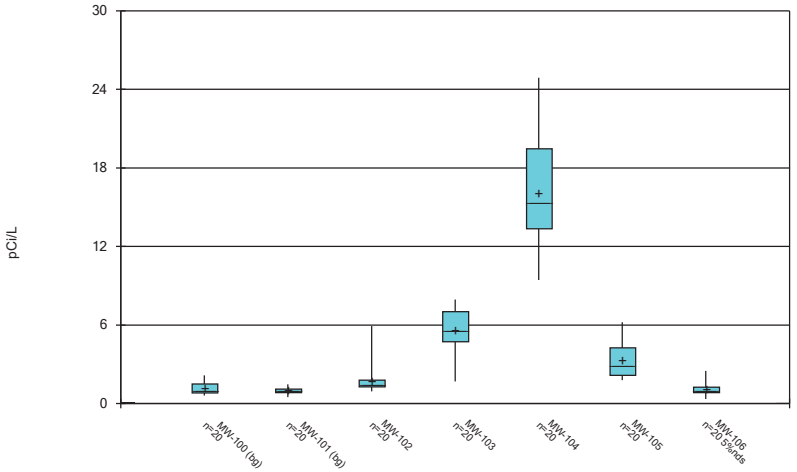
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

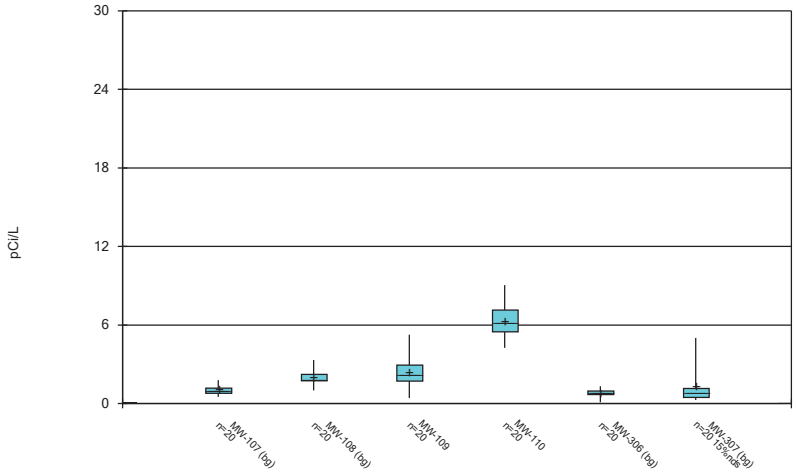
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

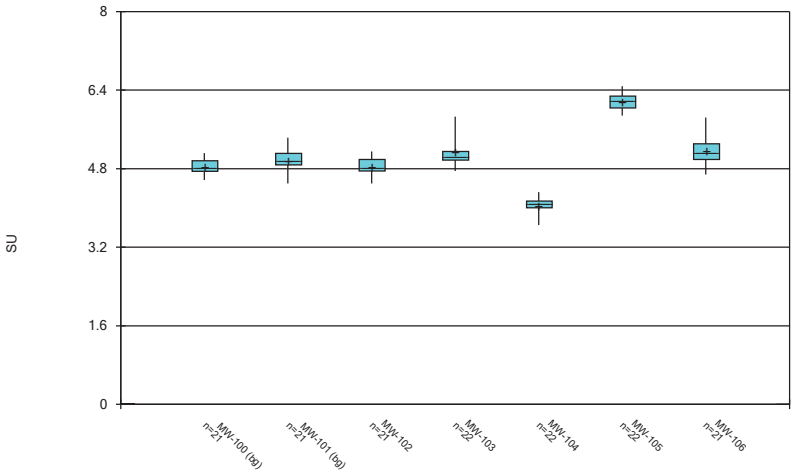
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

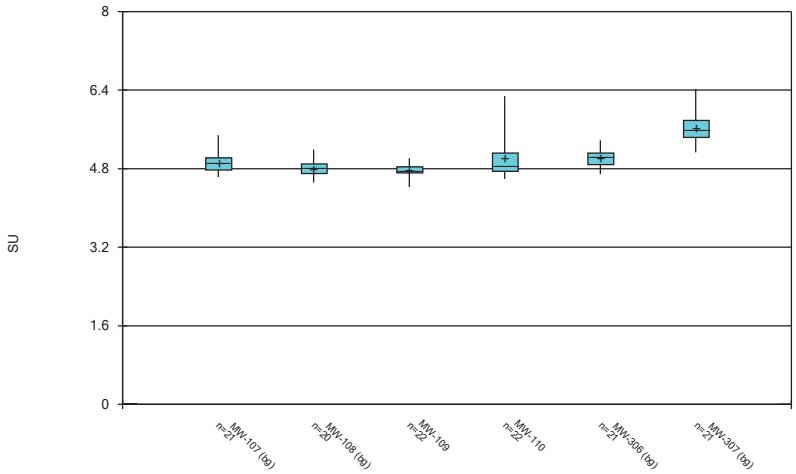
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

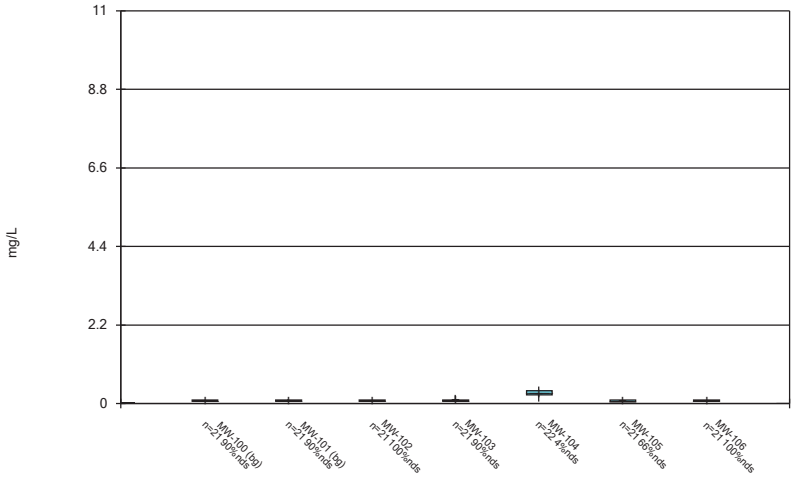
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

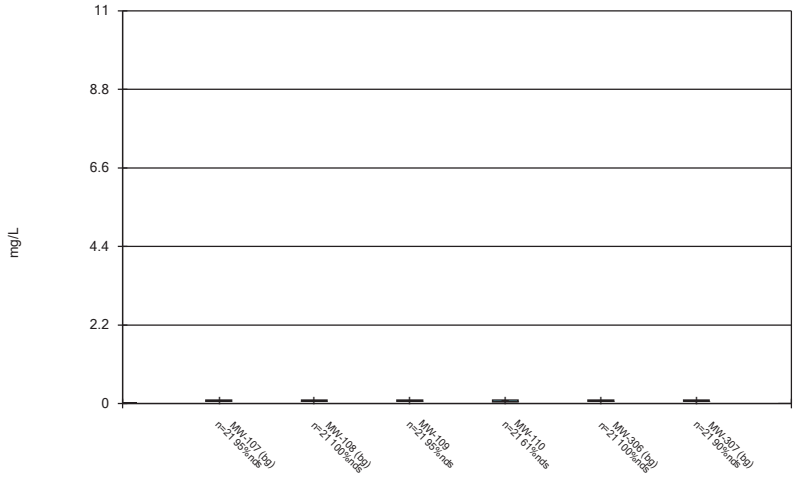
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

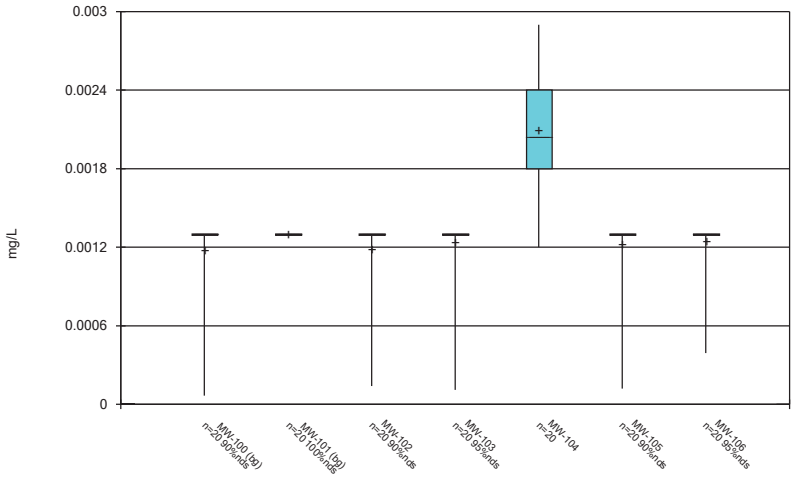
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

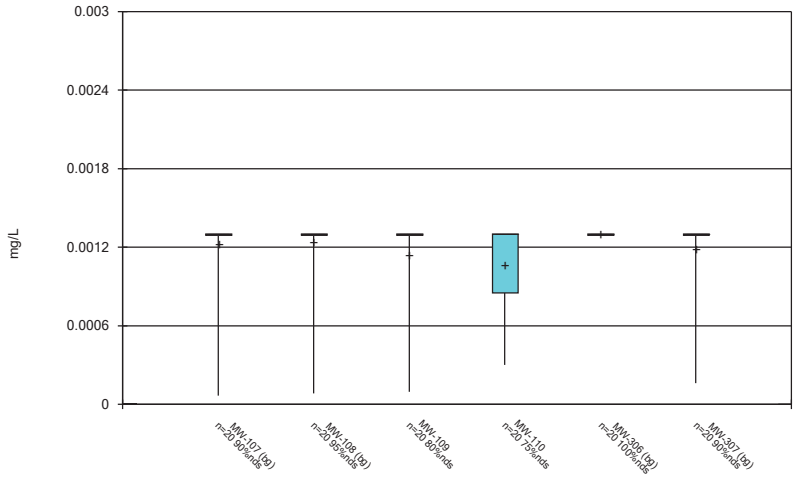
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

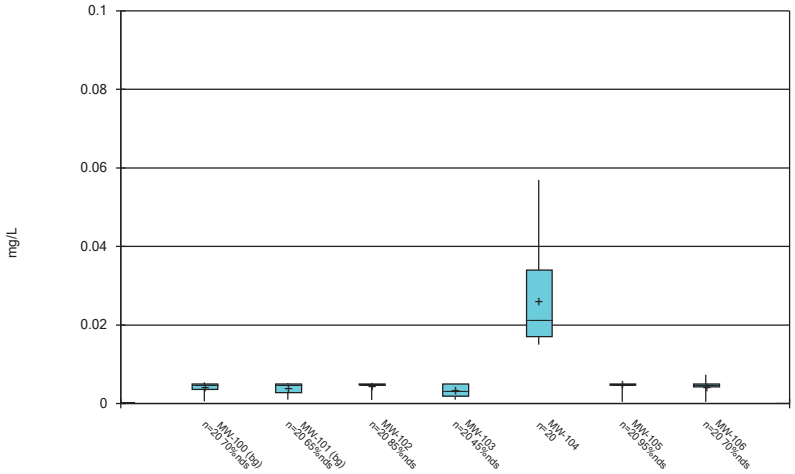
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 10:48 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

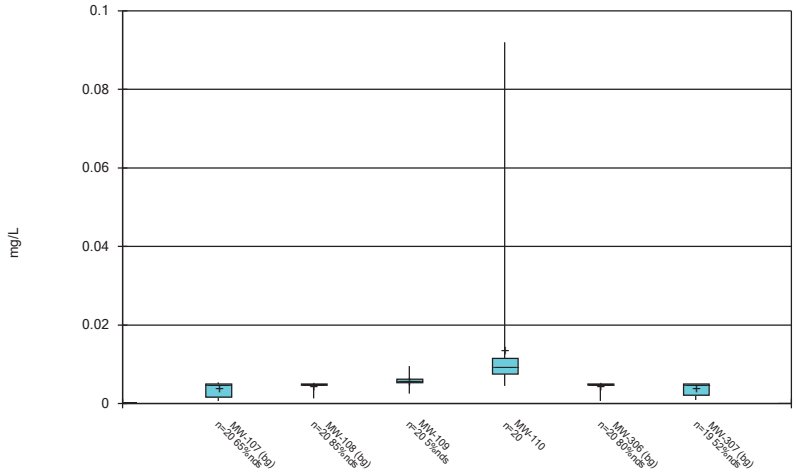


Constituent: Lithium Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

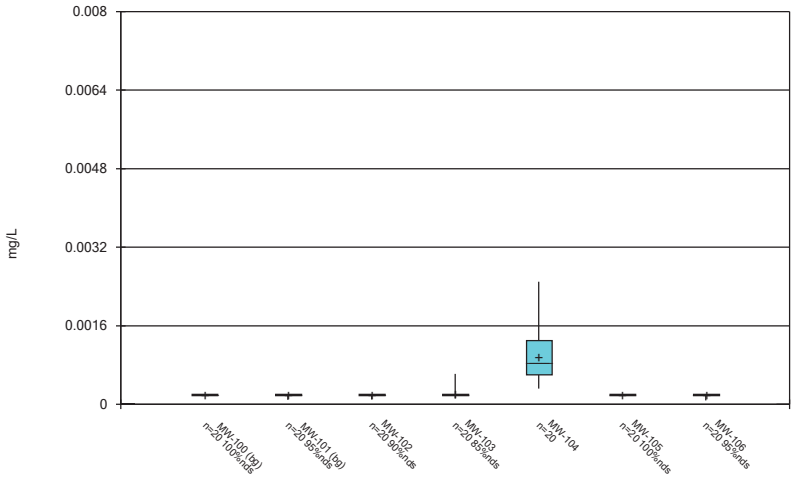


Constituent: Lithium Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

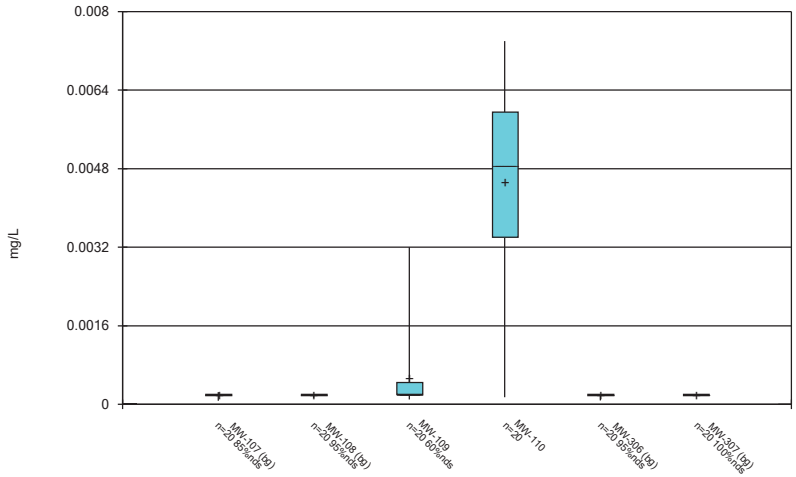


Constituent: Mercury Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

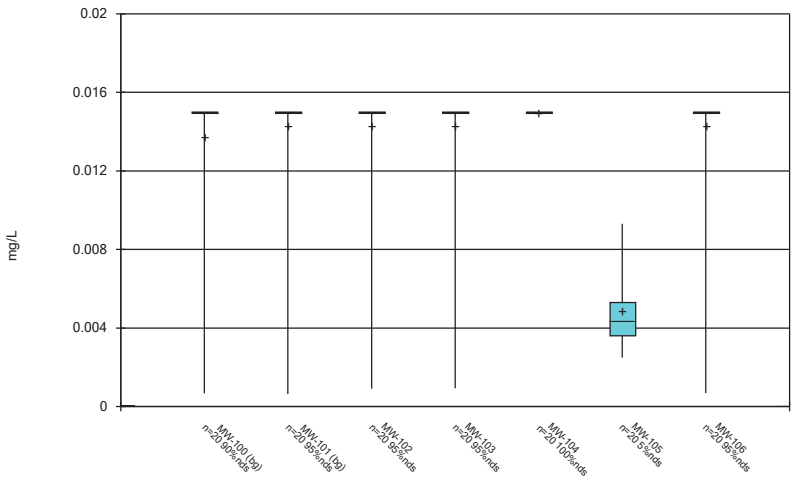


Constituent: Mercury Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

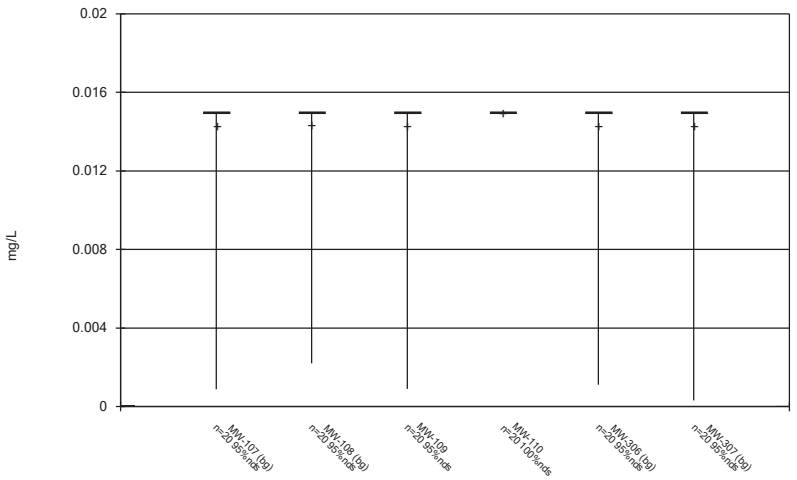
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

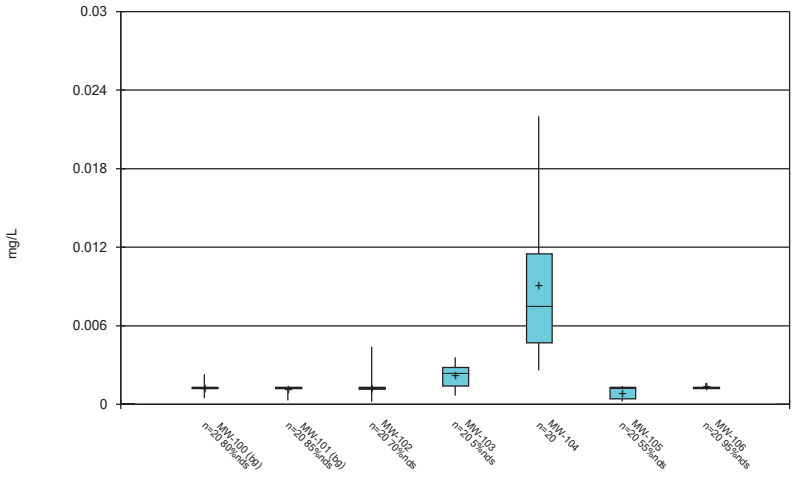
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

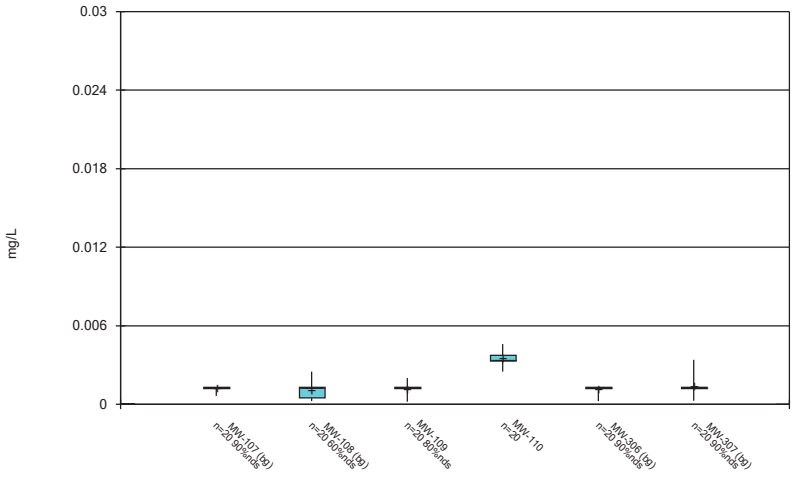
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

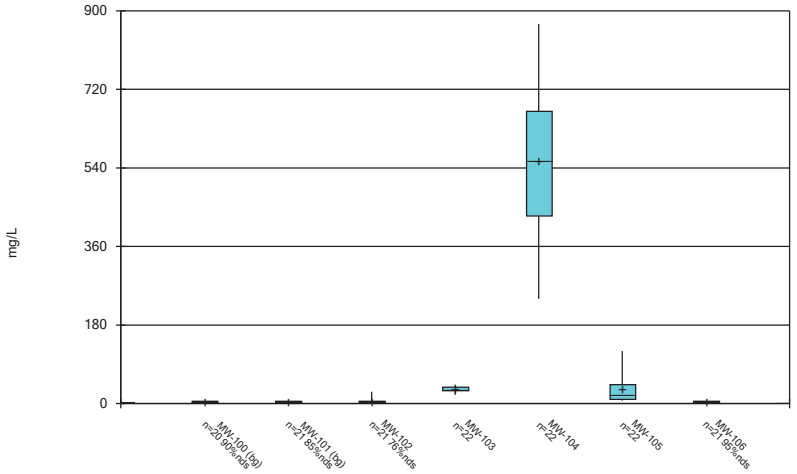
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

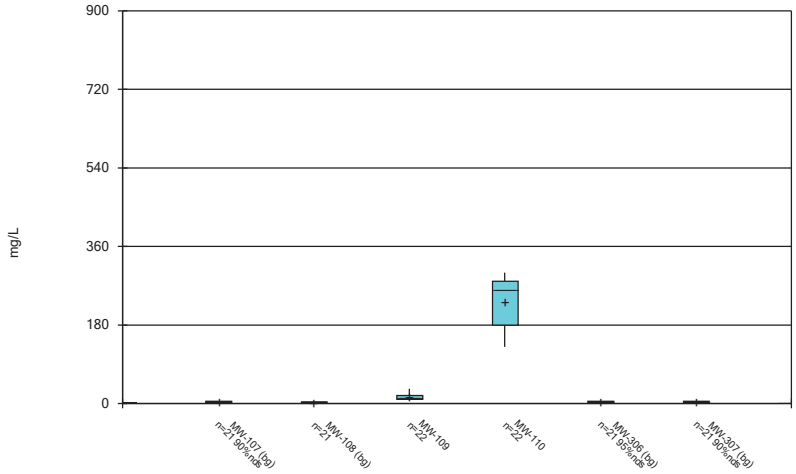
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

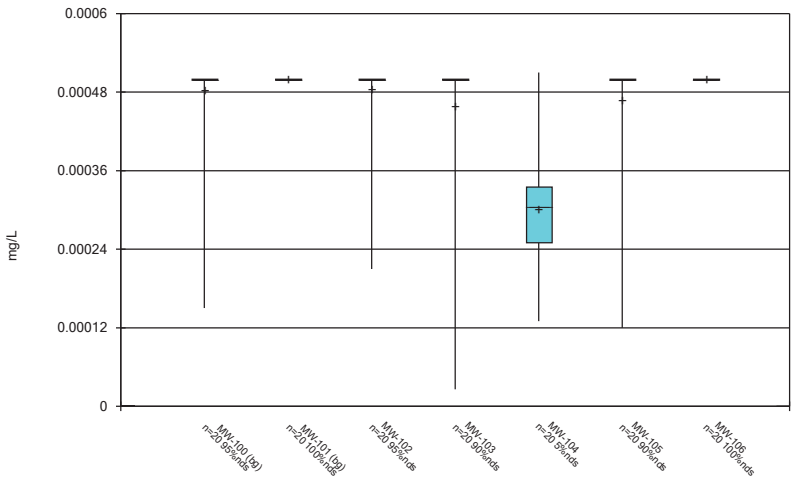
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

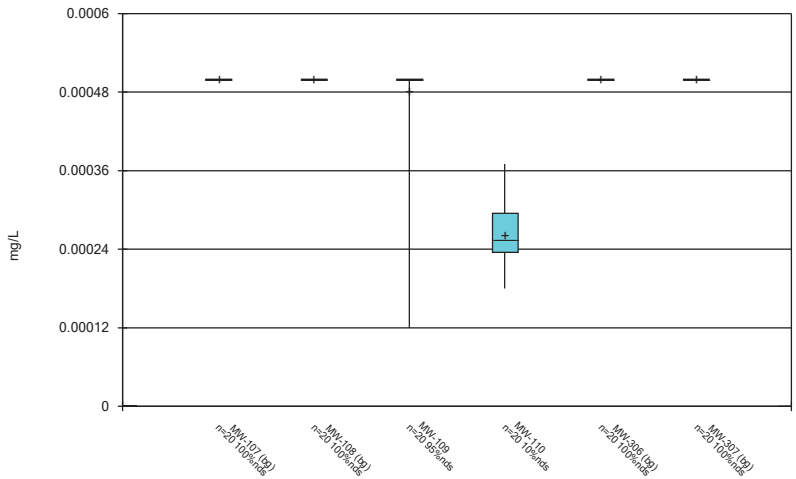
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

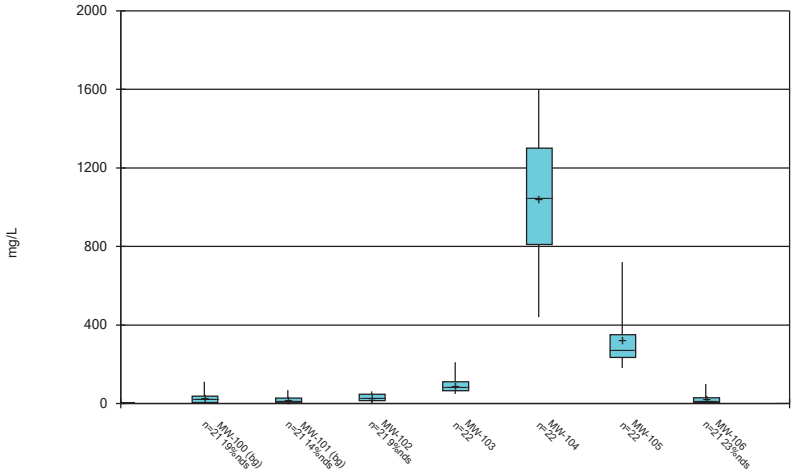
Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

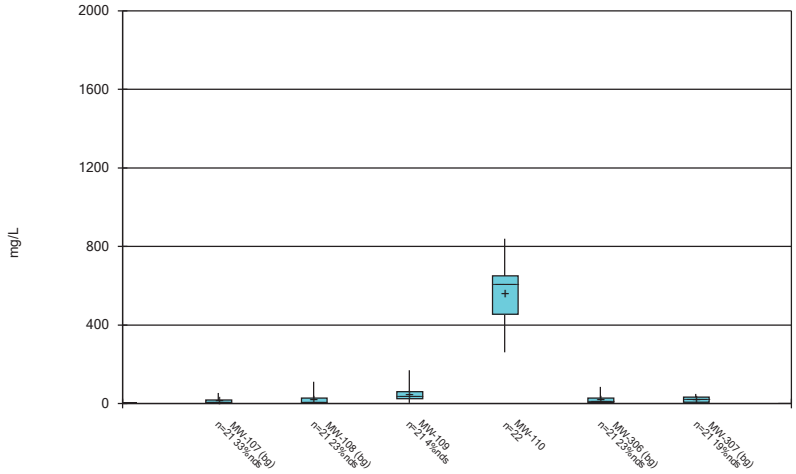
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

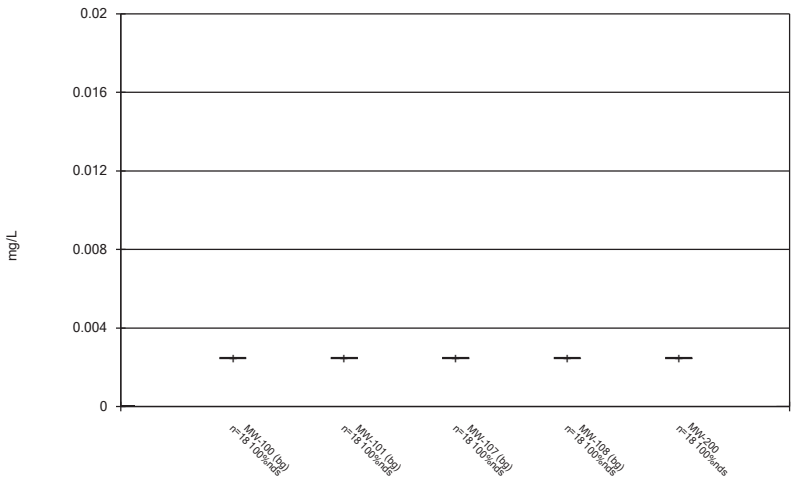


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

200 Series

Sanitas™ v.9.6.36 . UG

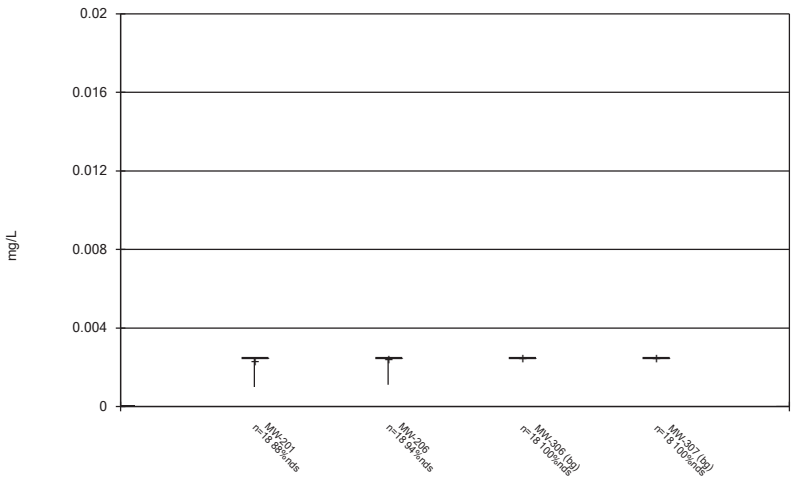
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

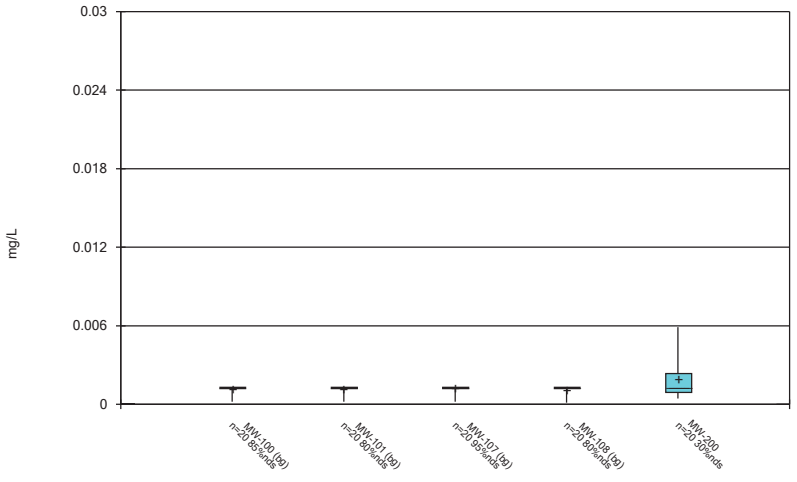
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

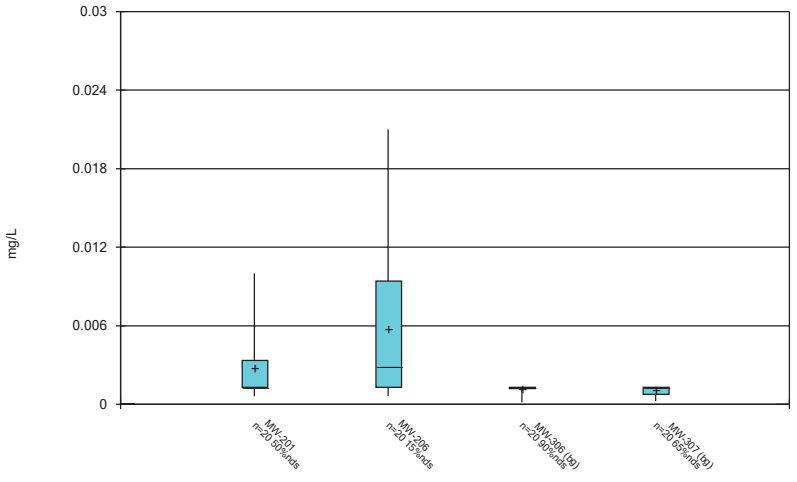
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

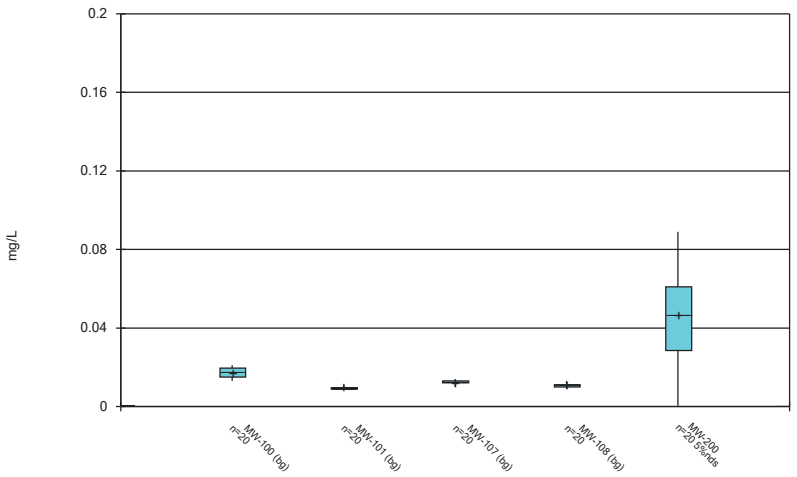
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

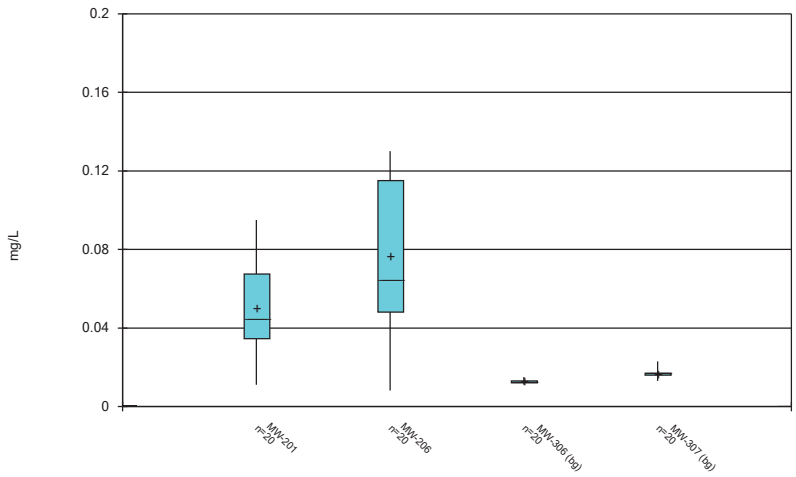
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

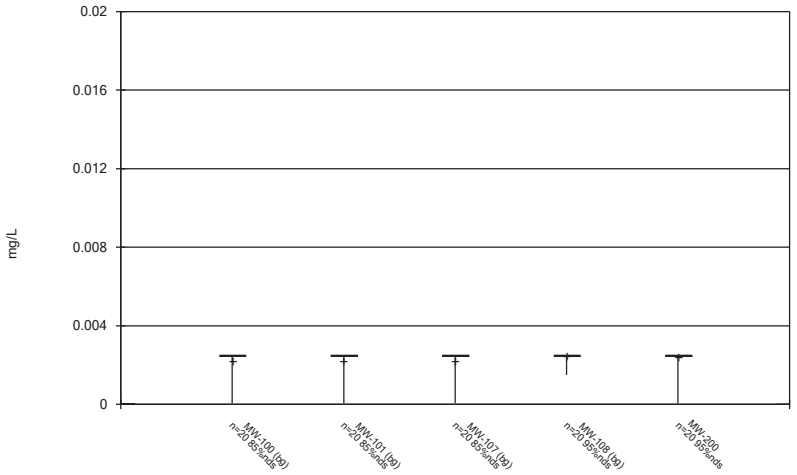
Box & Whiskers Plot



Constituent: Barium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

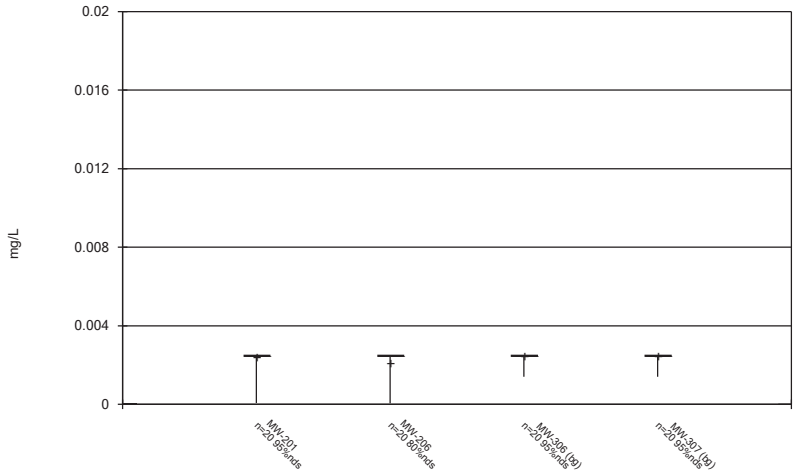
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

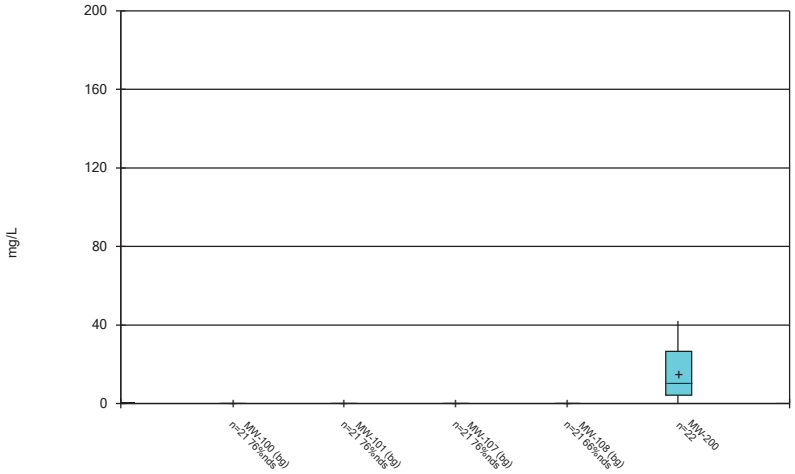
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

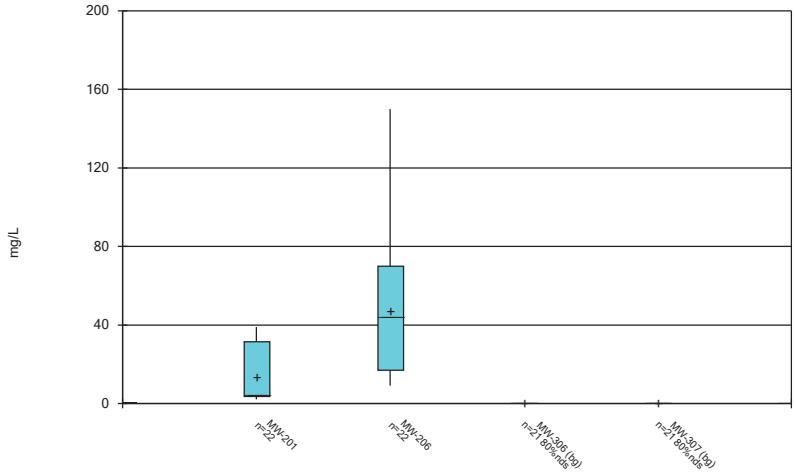
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

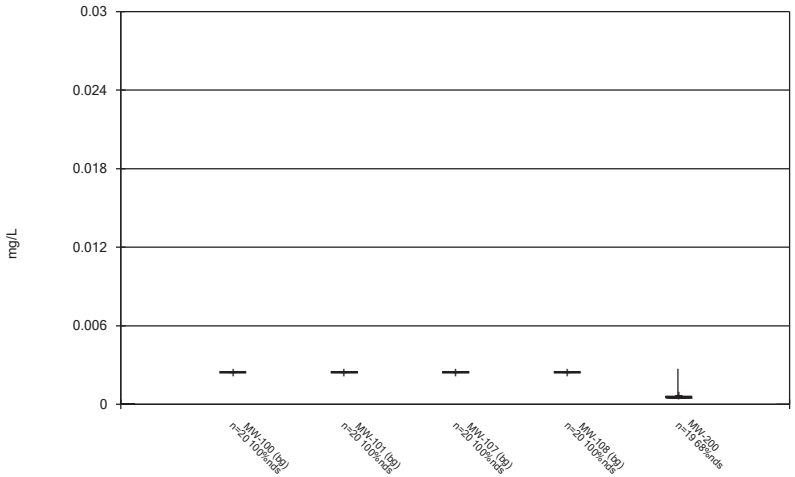
Box & Whiskers Plot



Constituent: Boron Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

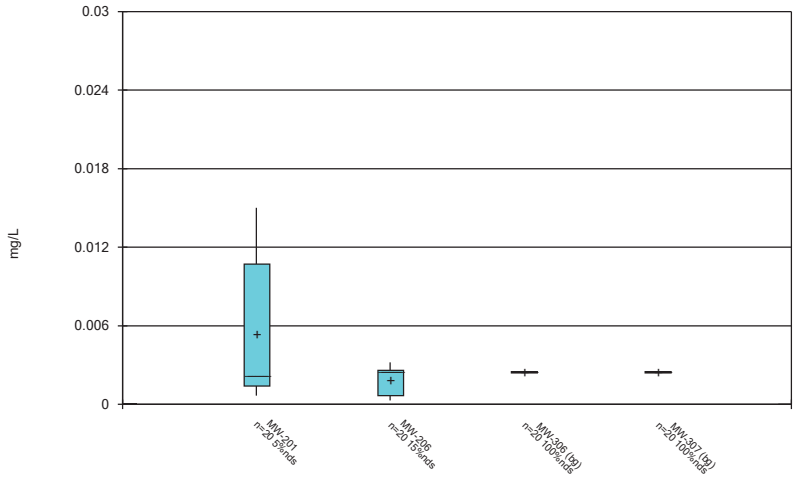
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

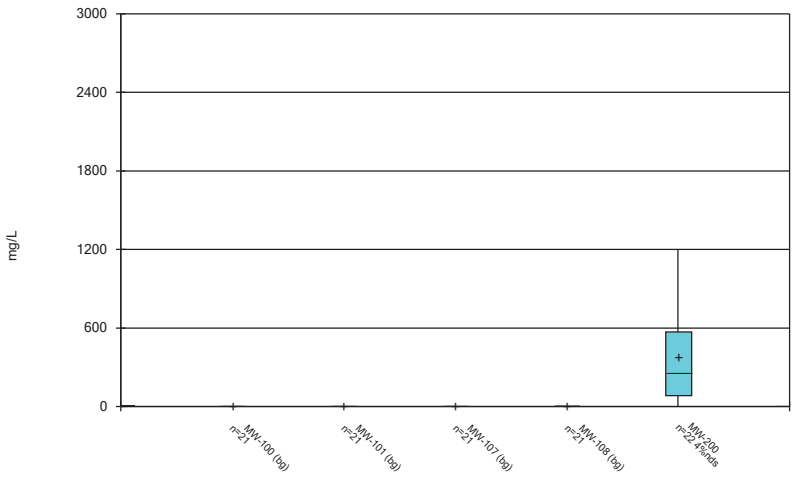
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

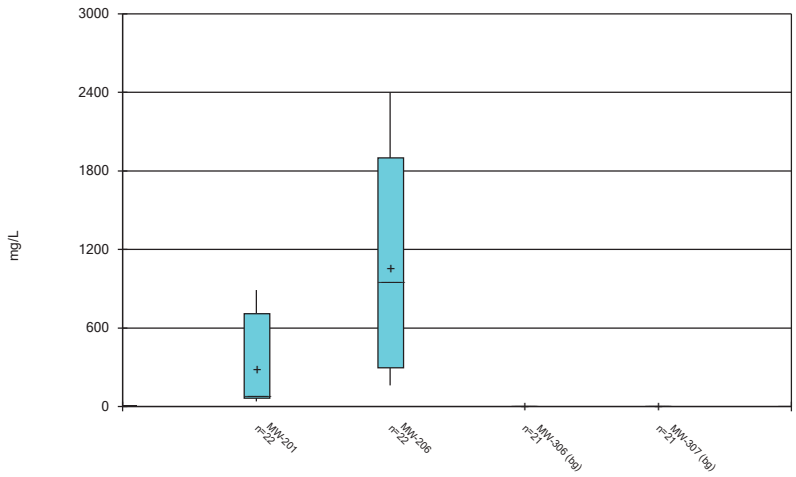
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

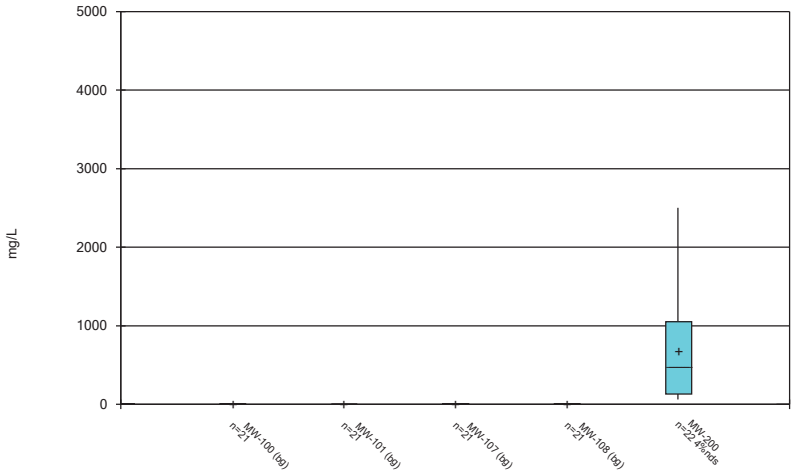
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

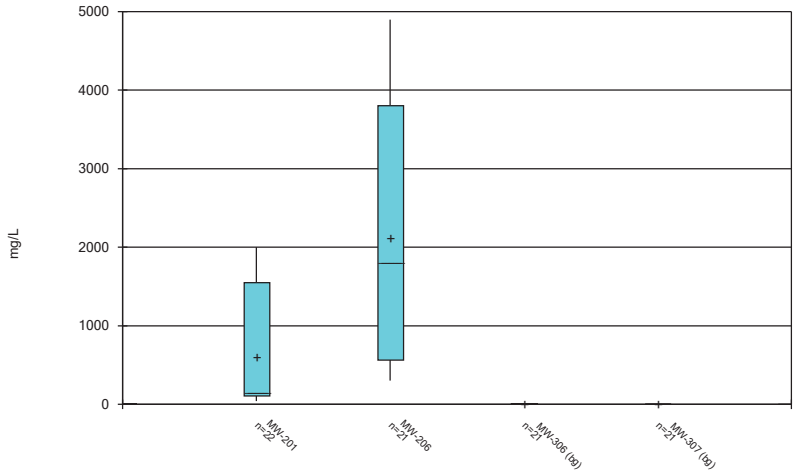
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

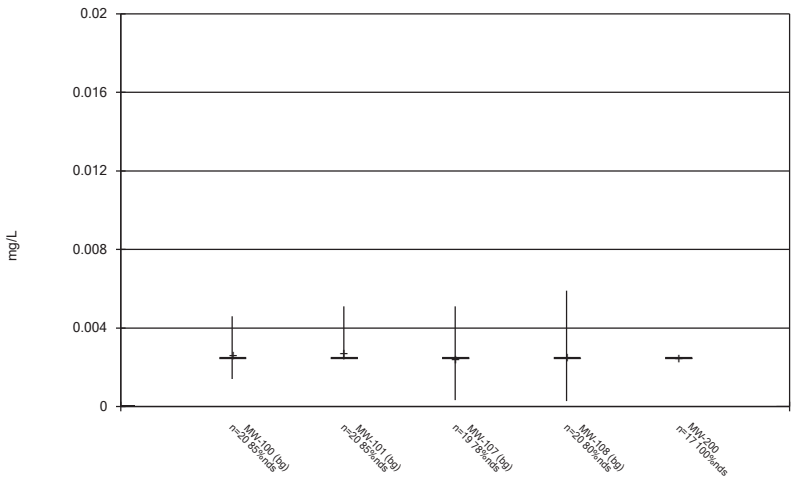
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

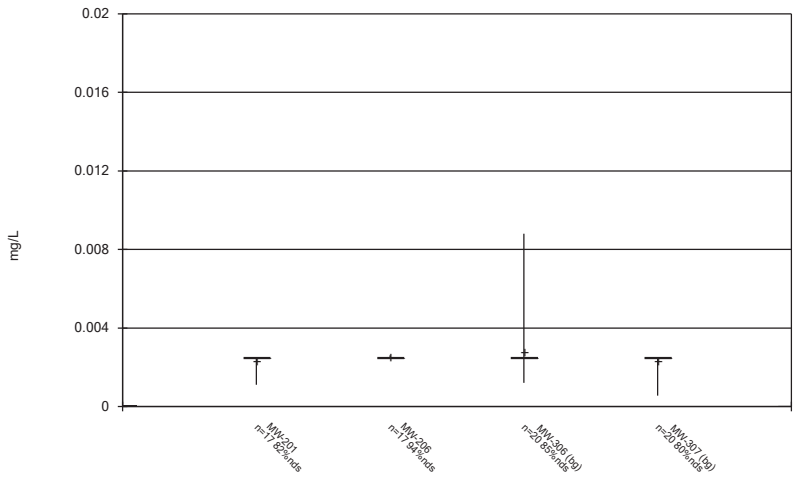
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

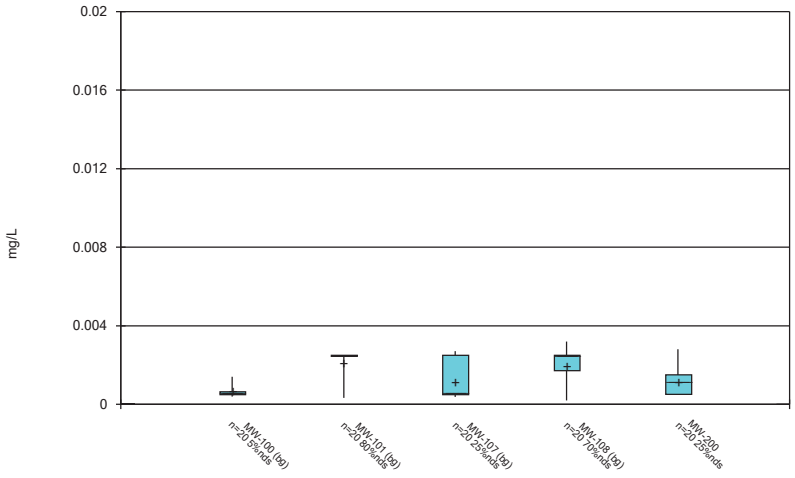
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

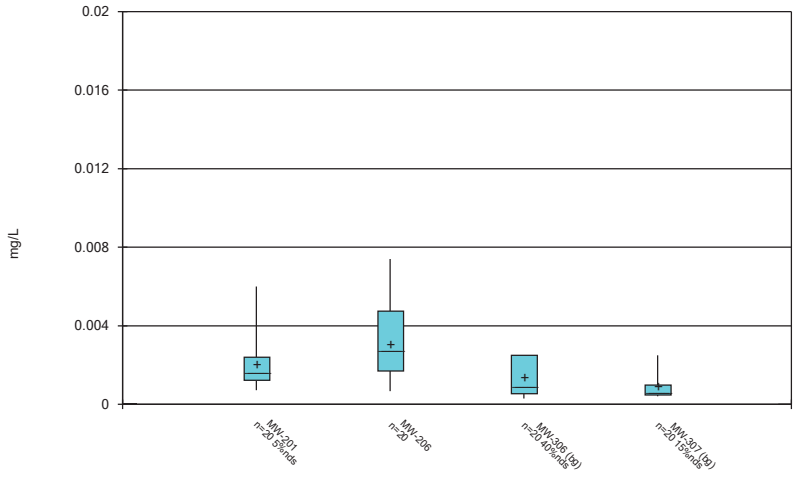
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

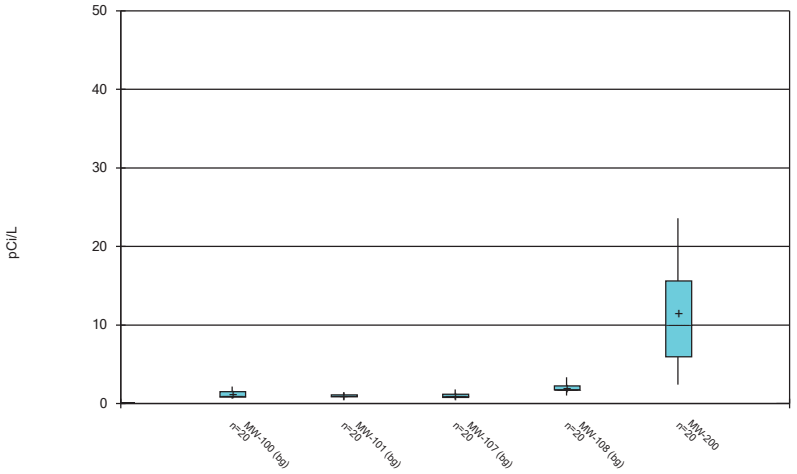
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/13/2023 1:41 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

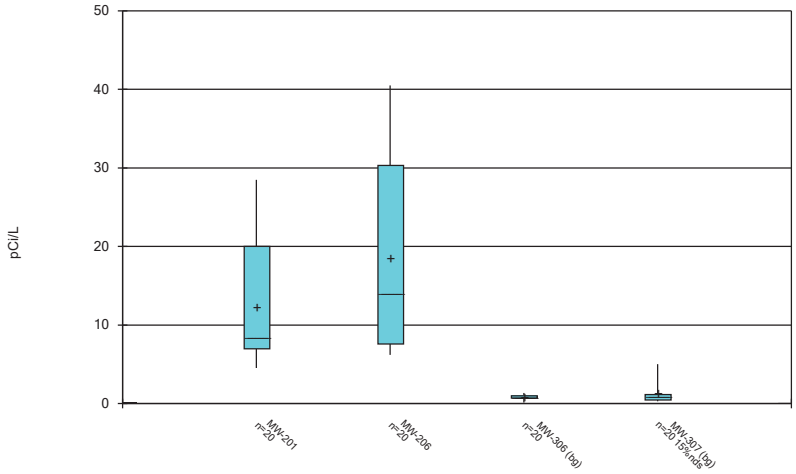
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

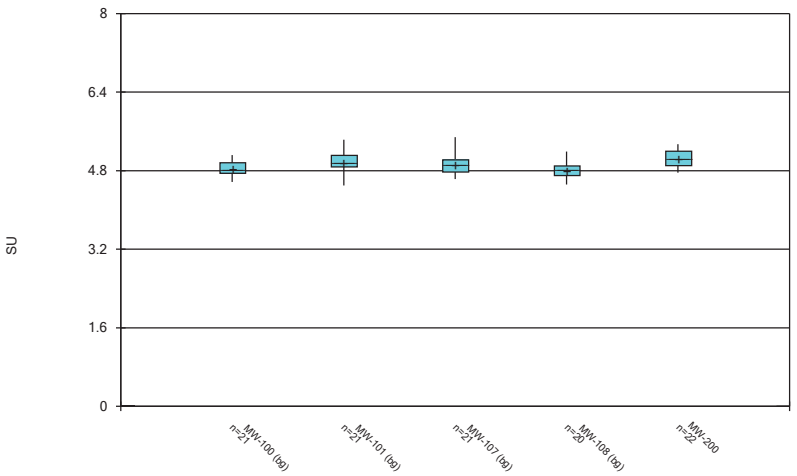
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

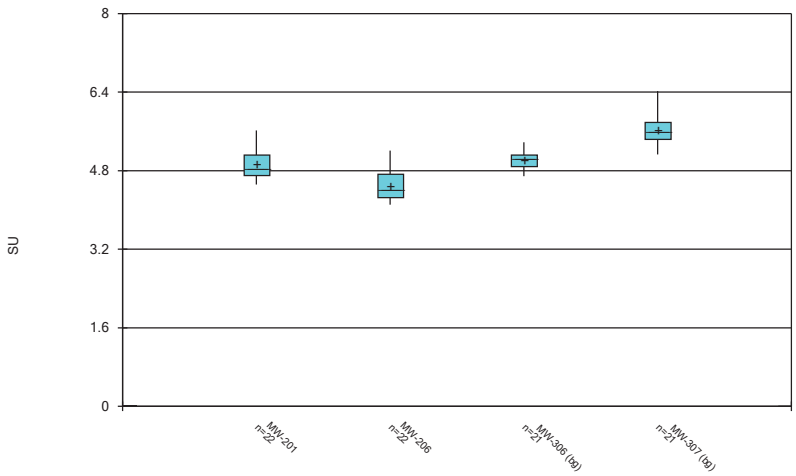
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

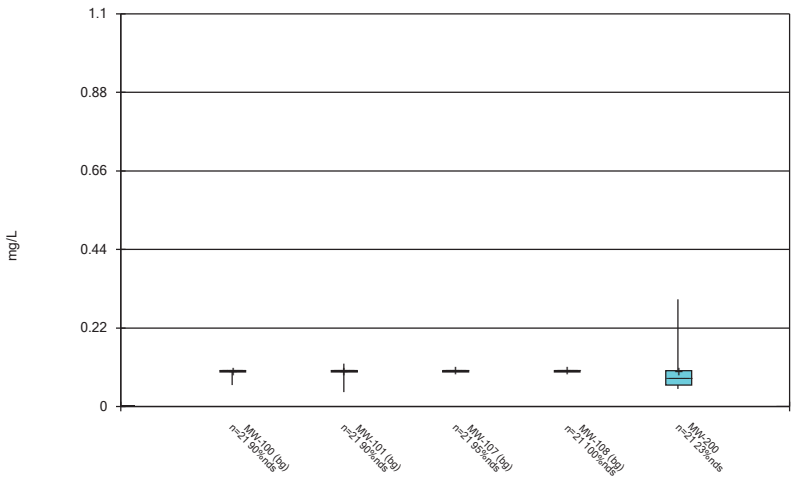
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

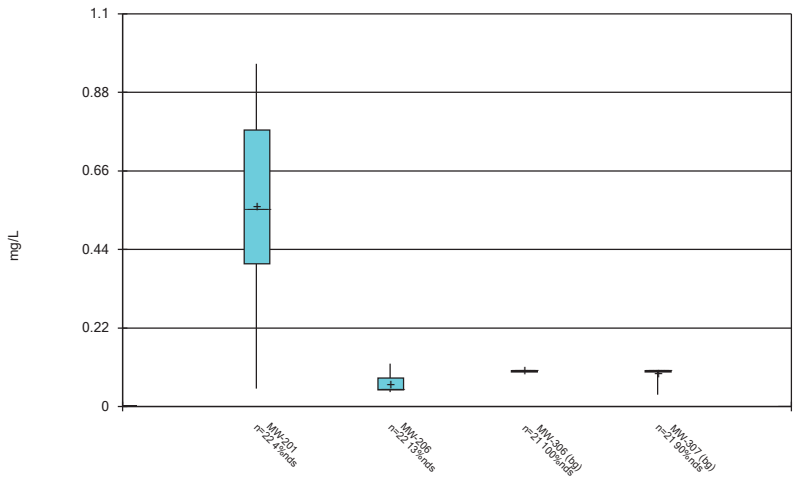
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

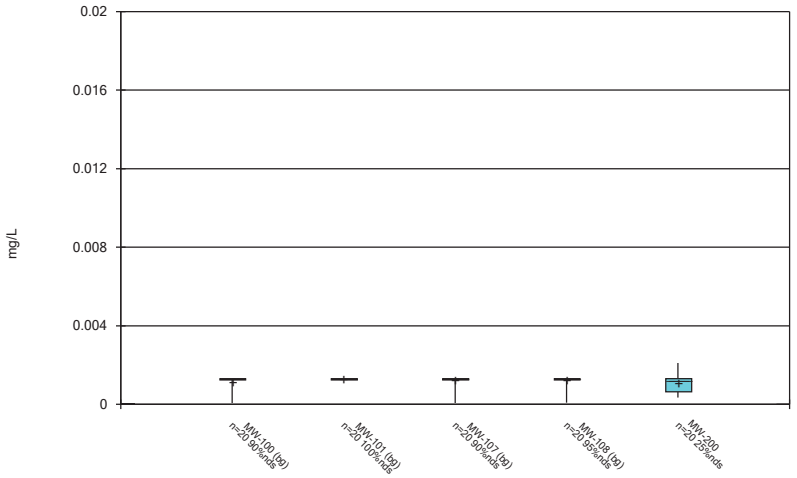
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

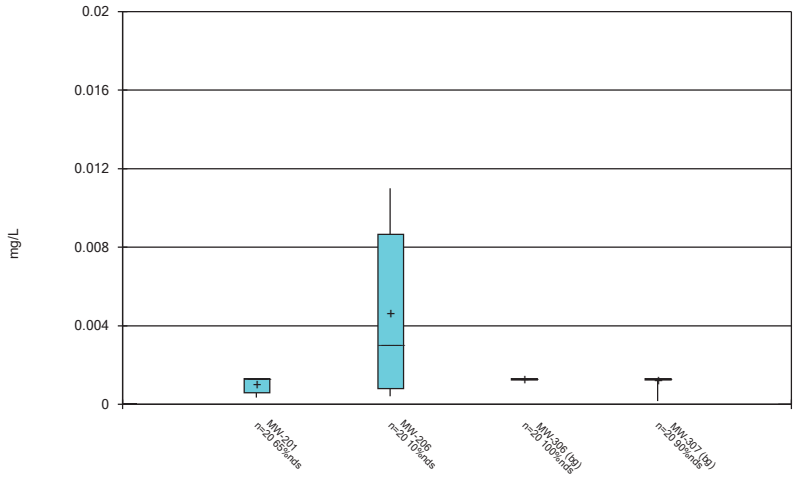
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

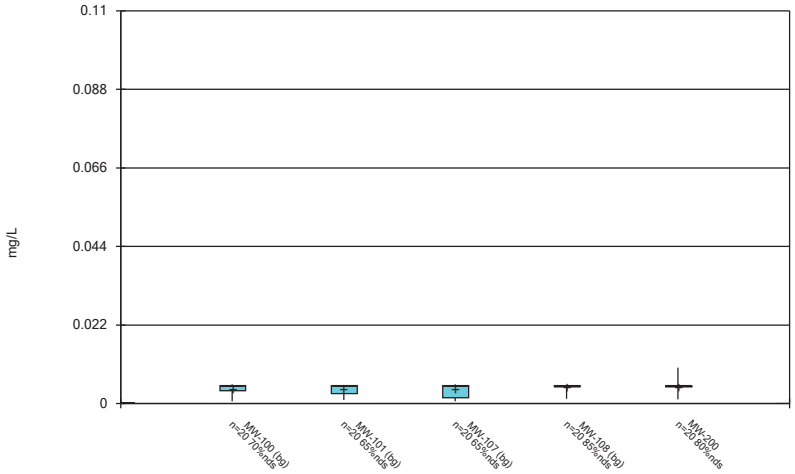
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

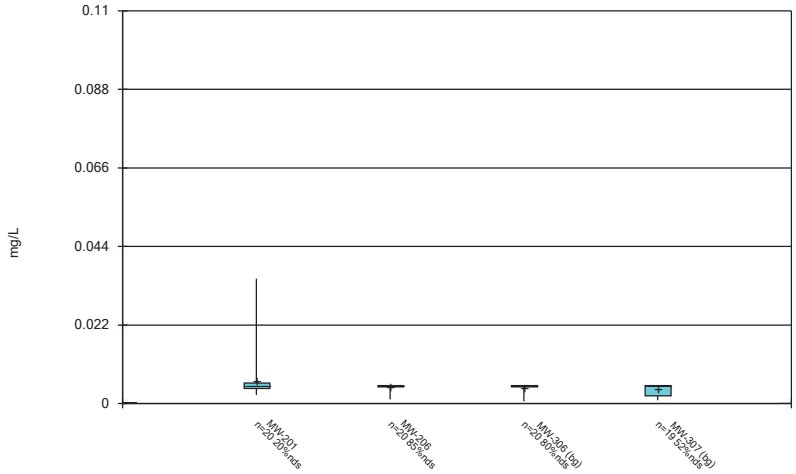
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

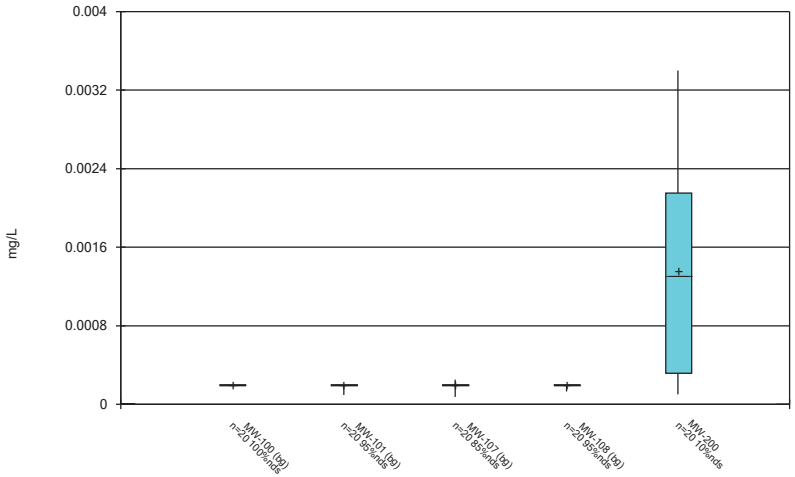
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

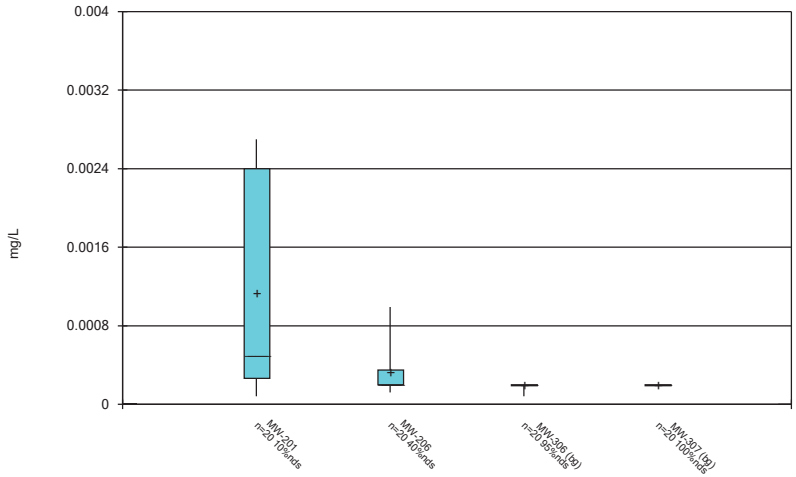
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

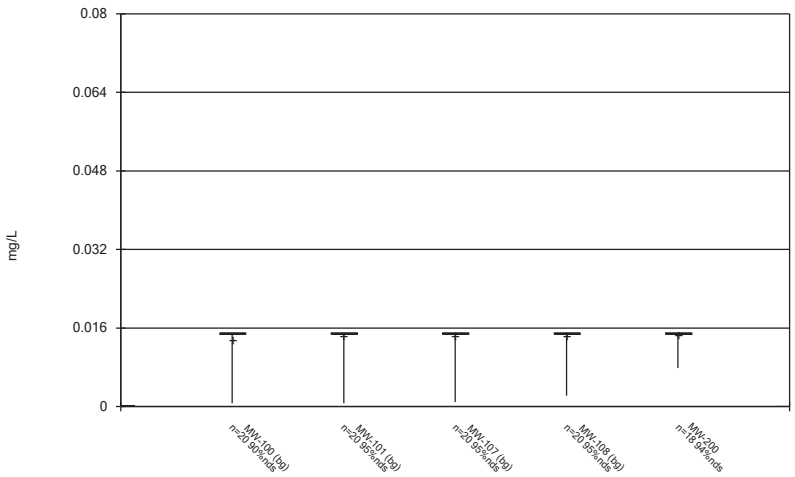
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

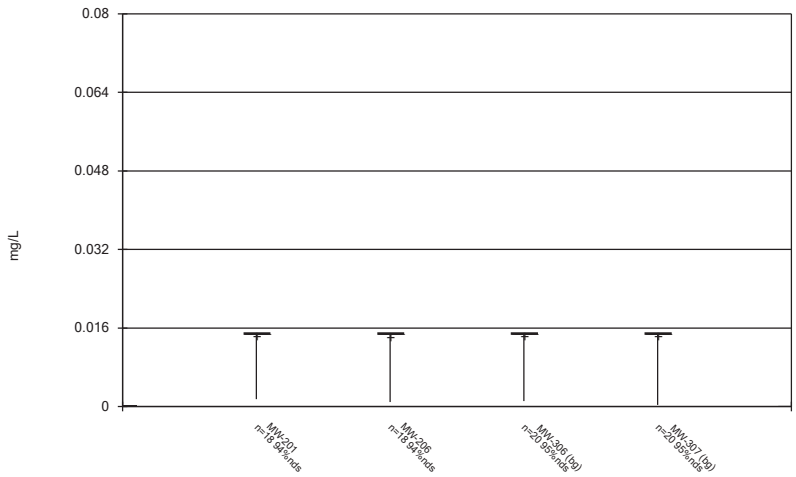
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

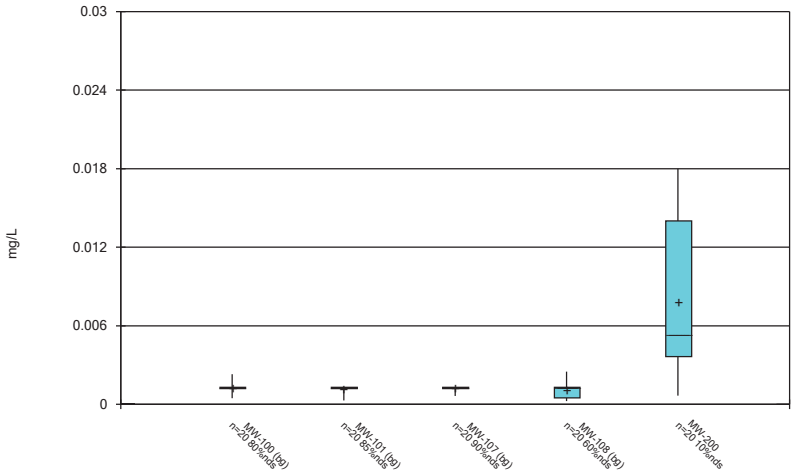
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

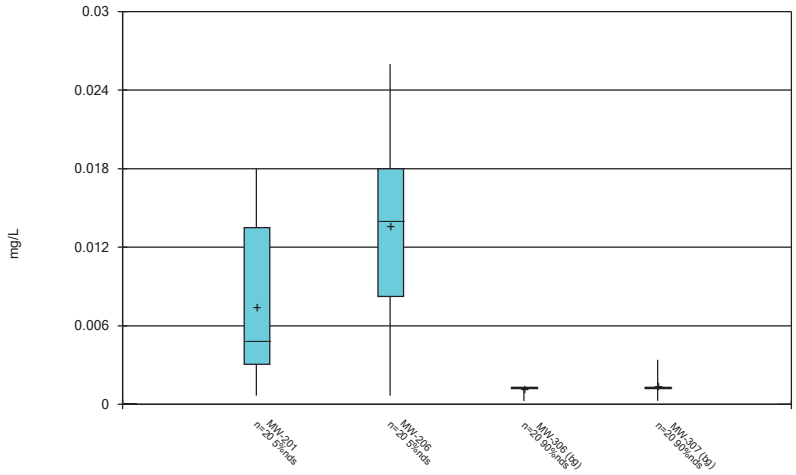
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

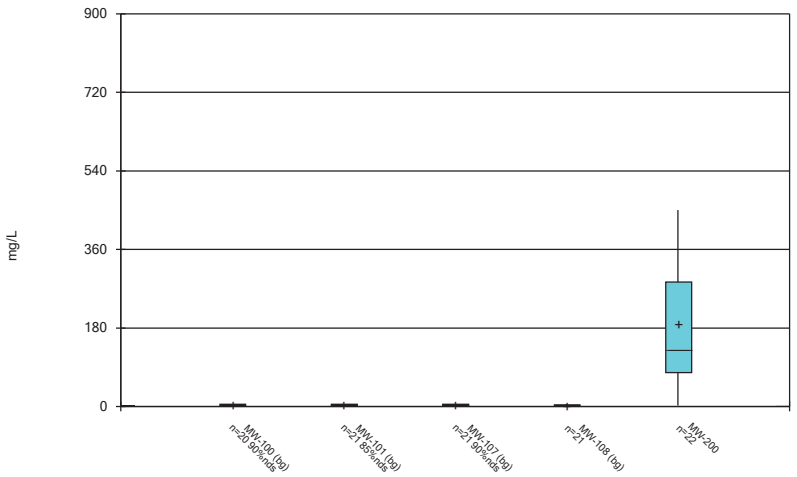
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

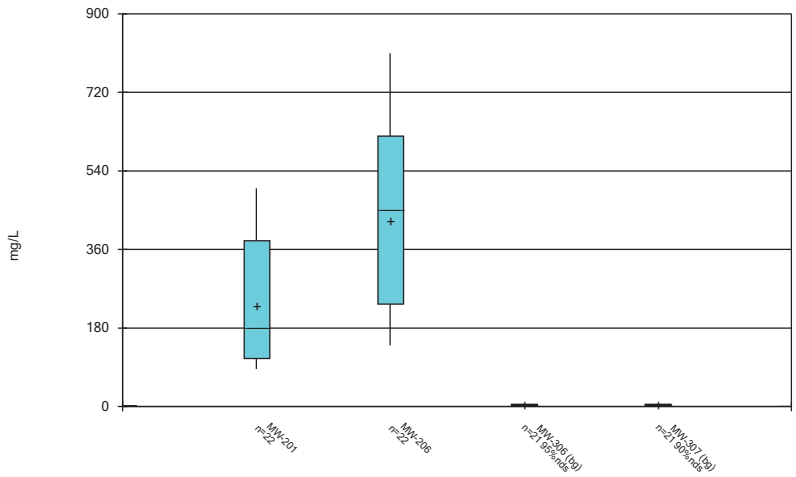
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

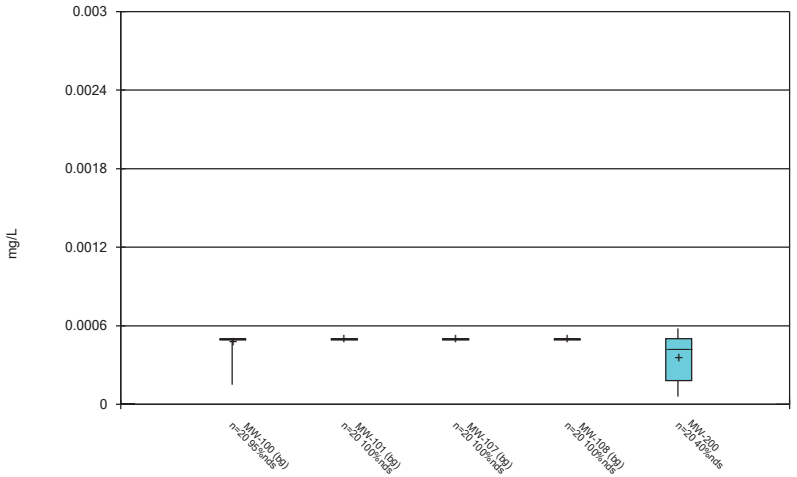
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

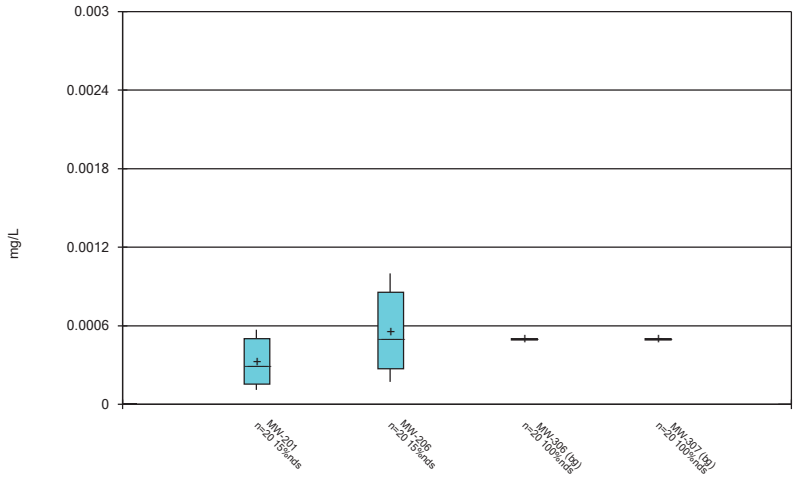
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

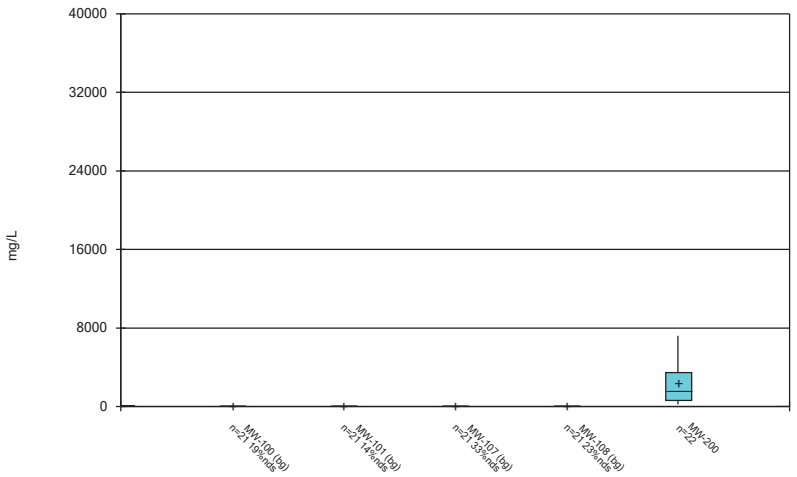
Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

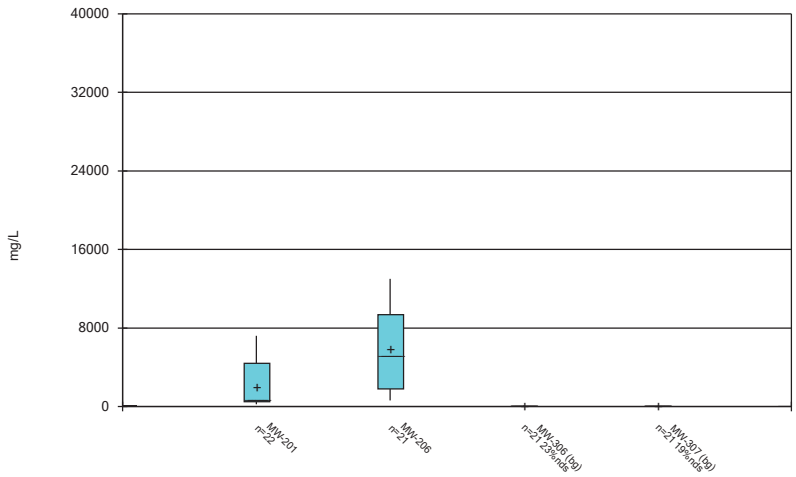
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

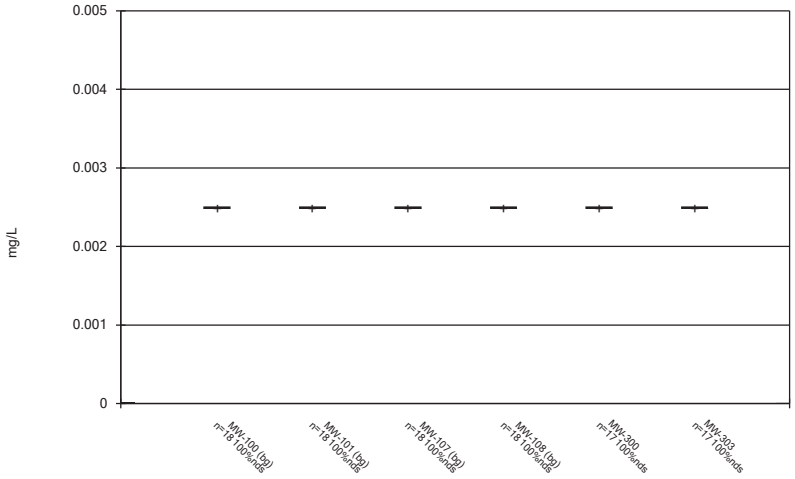


Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

300 Series

Sanitas™ v.9.6.36 . UG

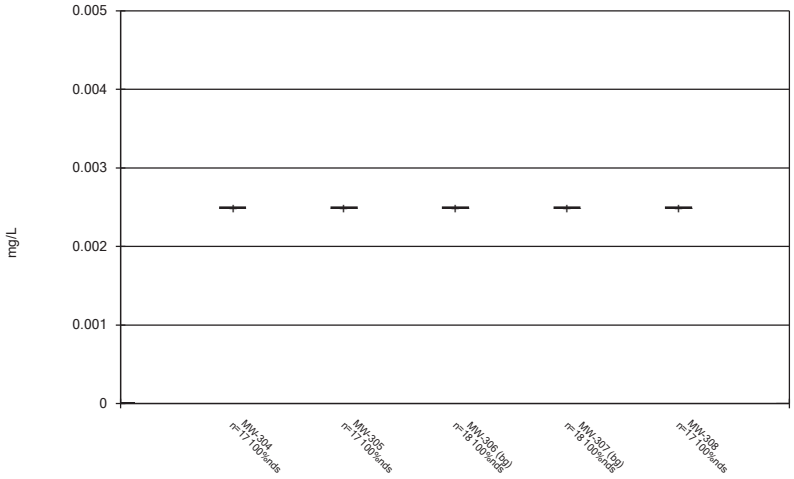
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

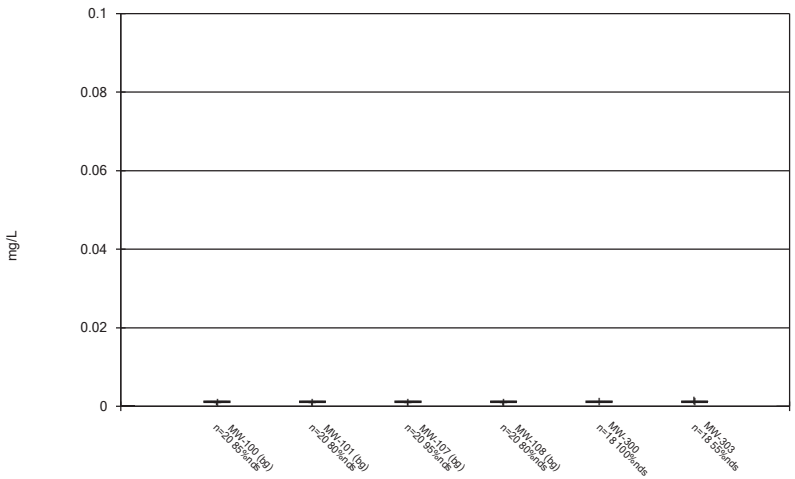
Box & Whiskers Plot



Constituent: Antimony Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

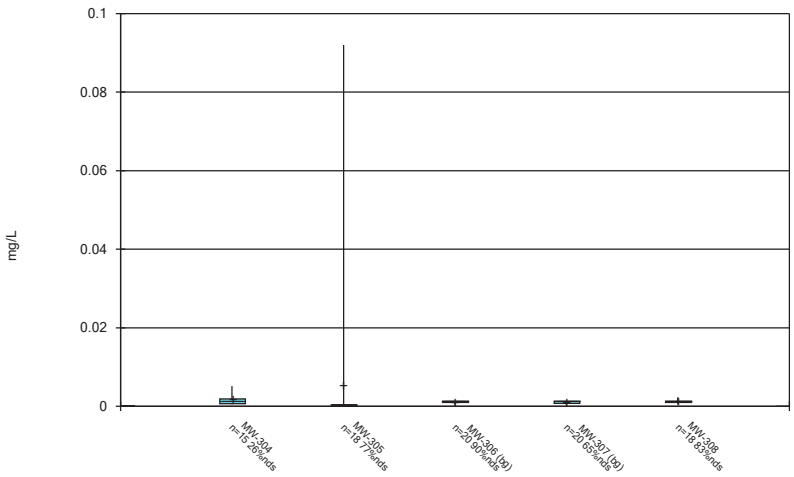
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

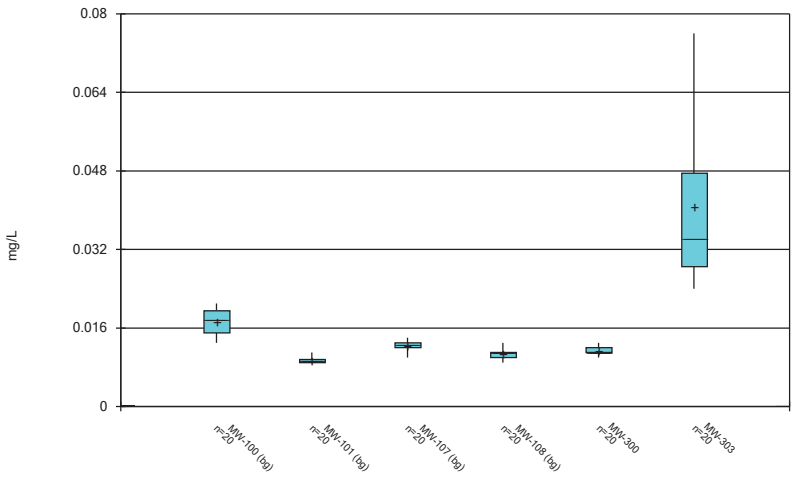
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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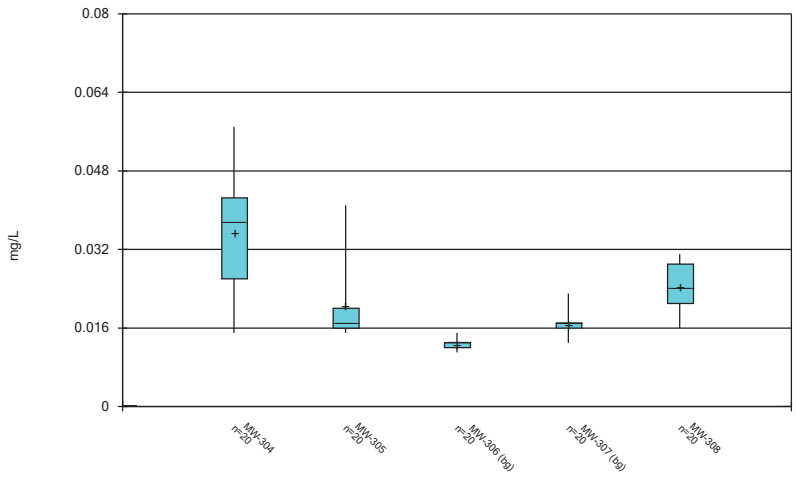
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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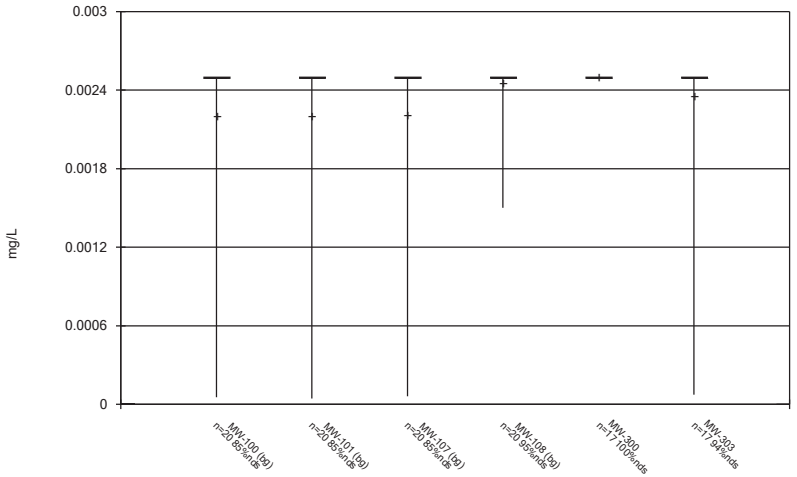
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

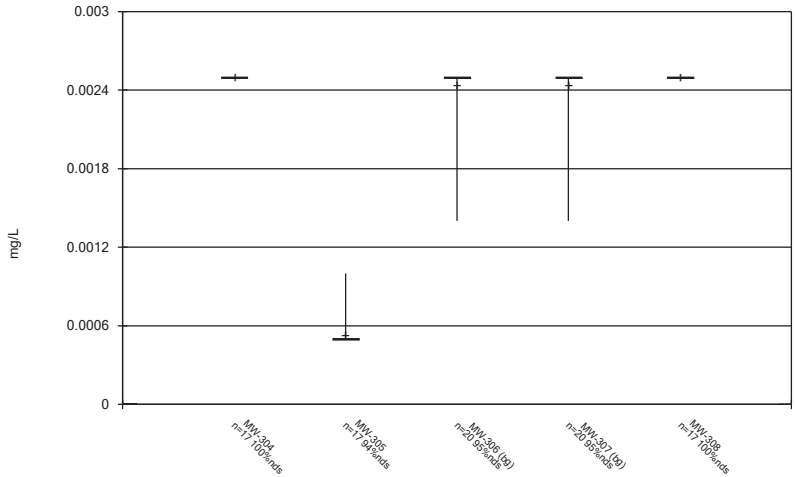
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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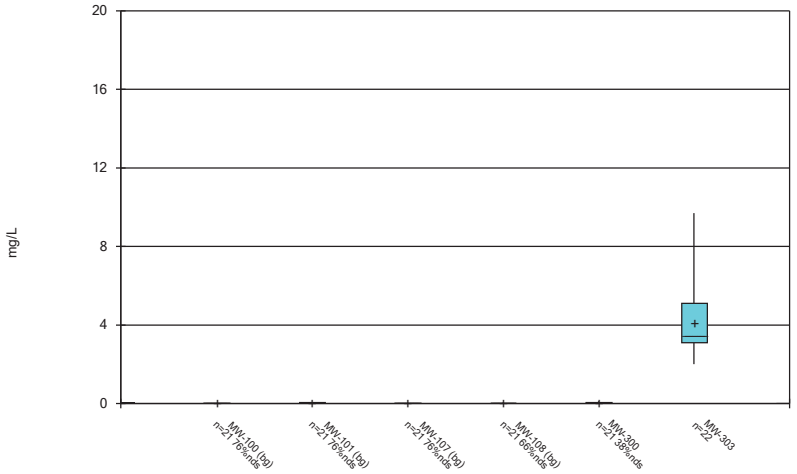
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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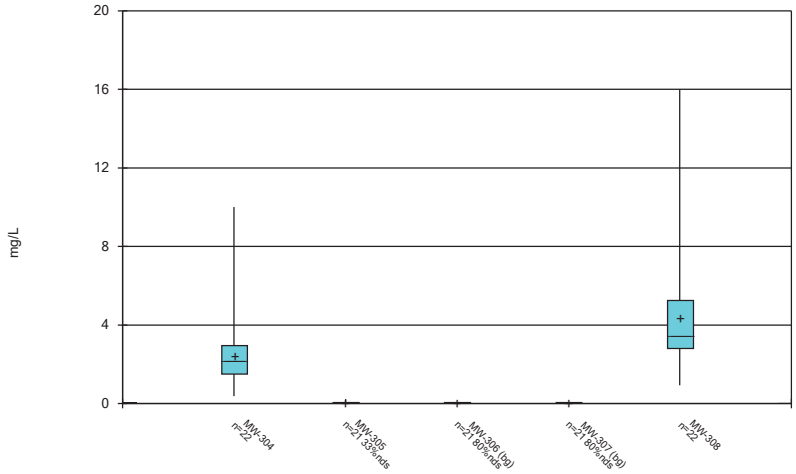
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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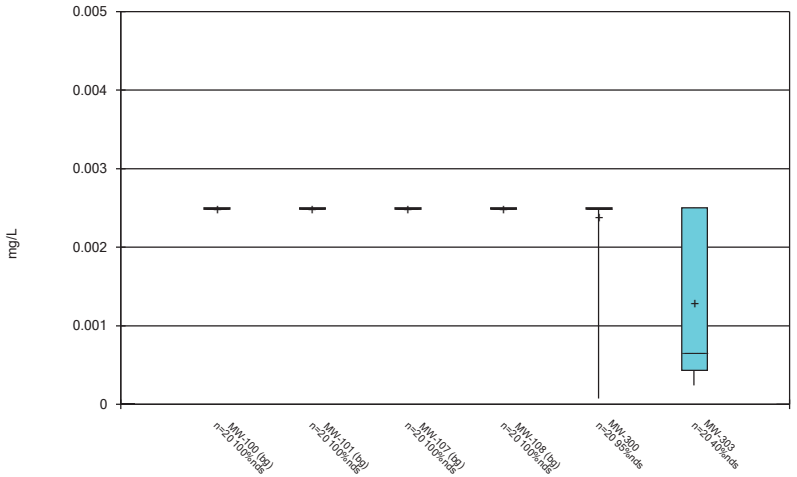
Sanitas™ v.9.6.36 . UG

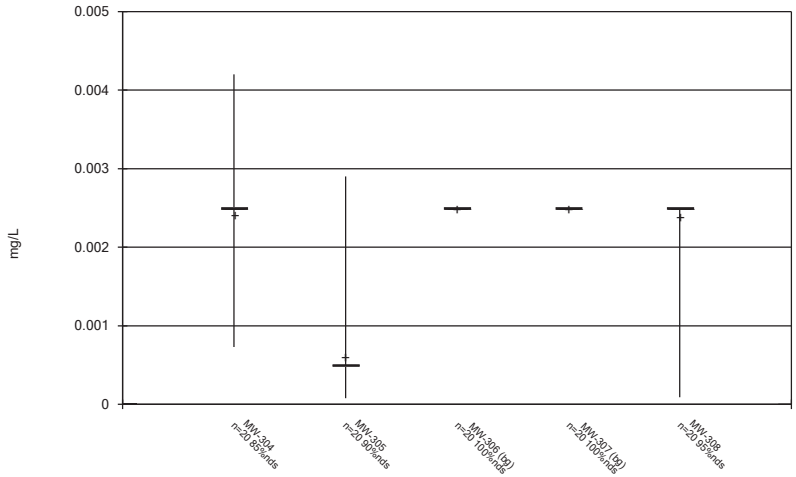
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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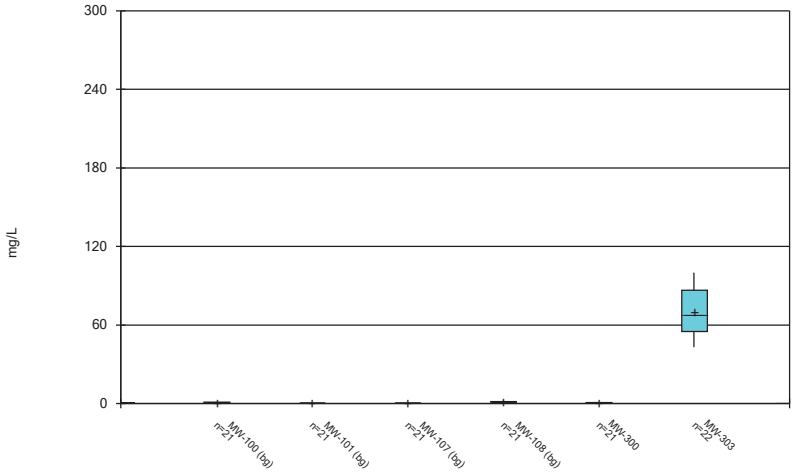
Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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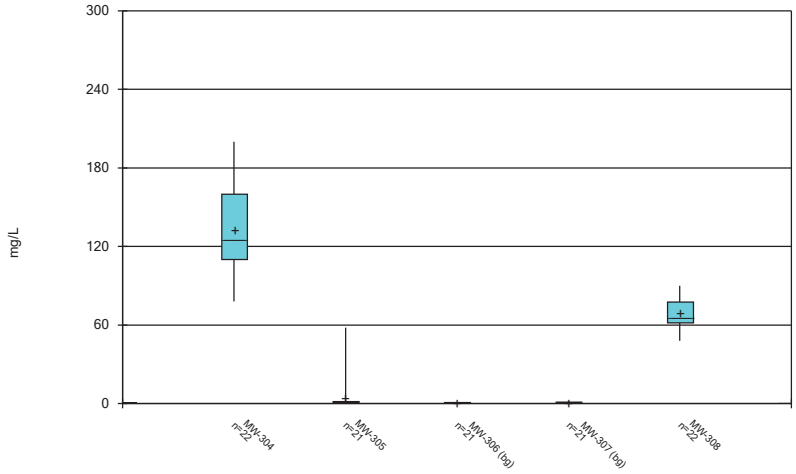
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

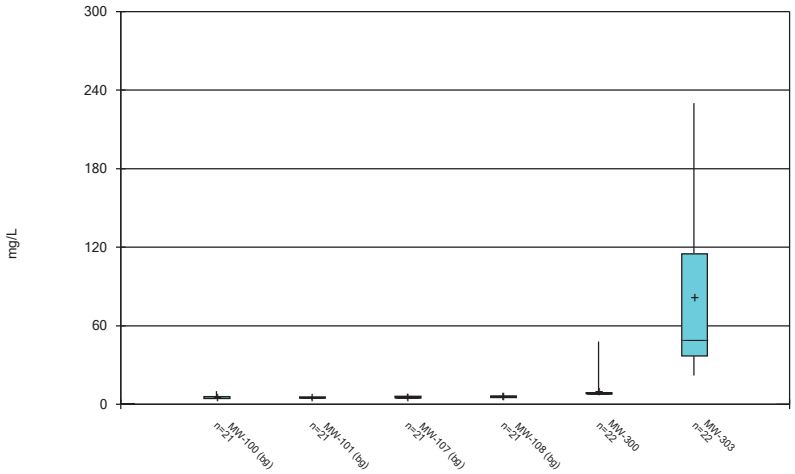
Box & Whiskers Plot



Constituent: Calcium Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

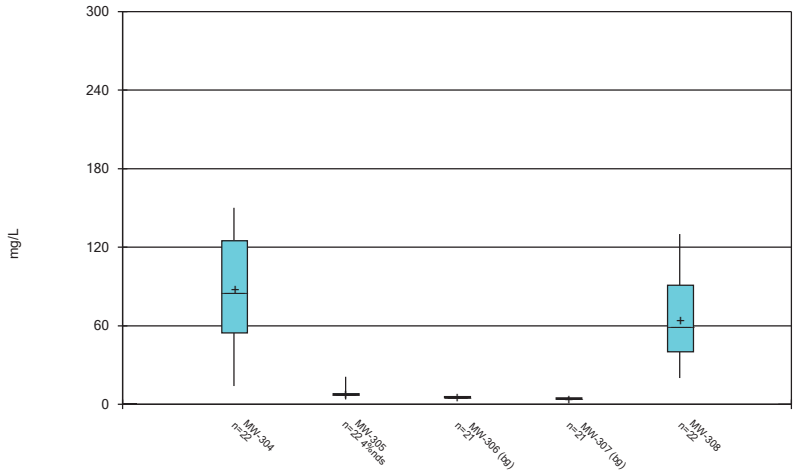
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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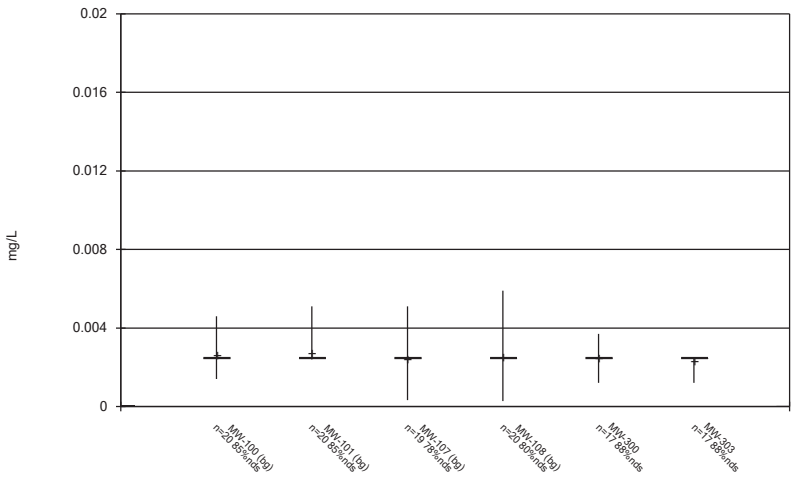
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

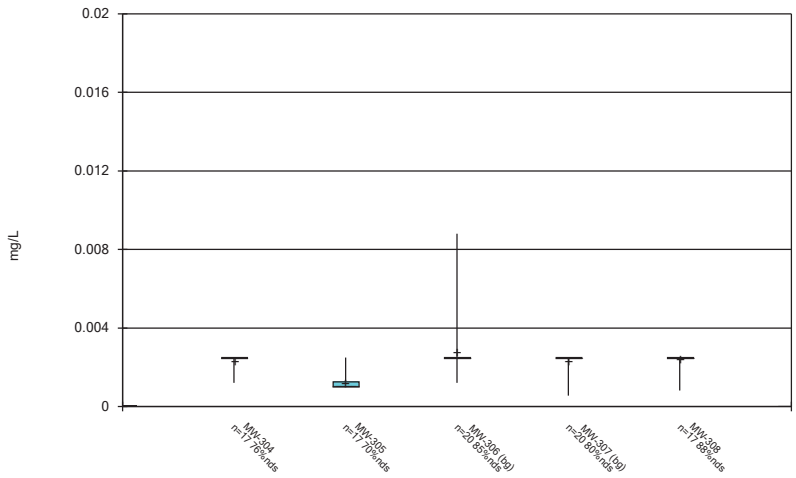
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

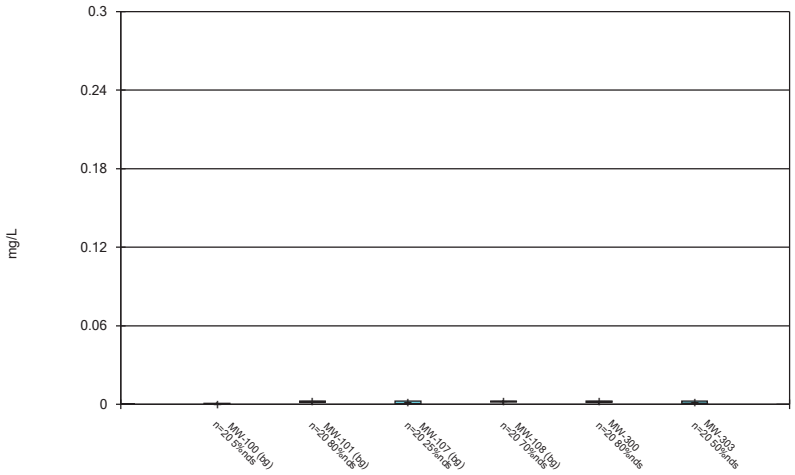
Box & Whiskers Plot



Constituent: Chromium Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

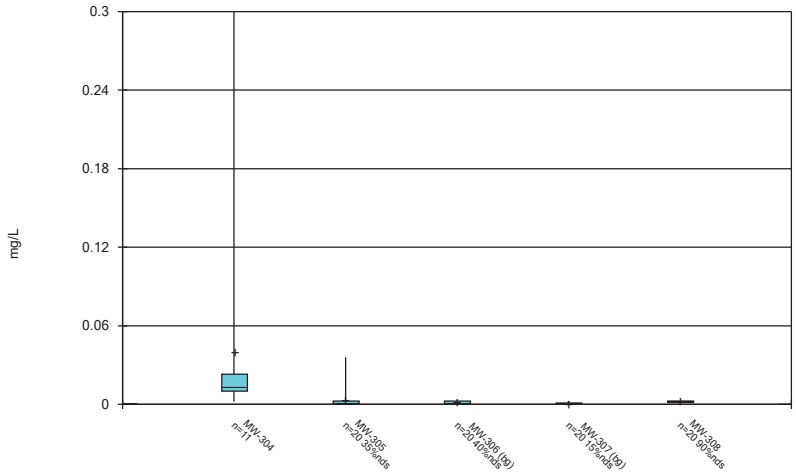
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

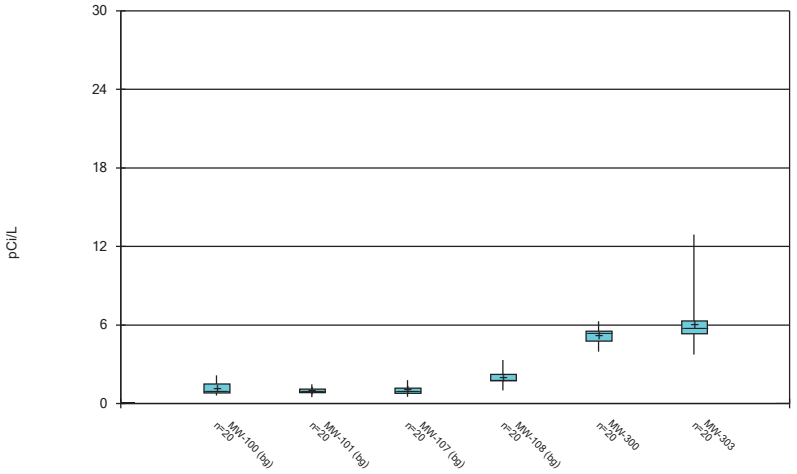
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

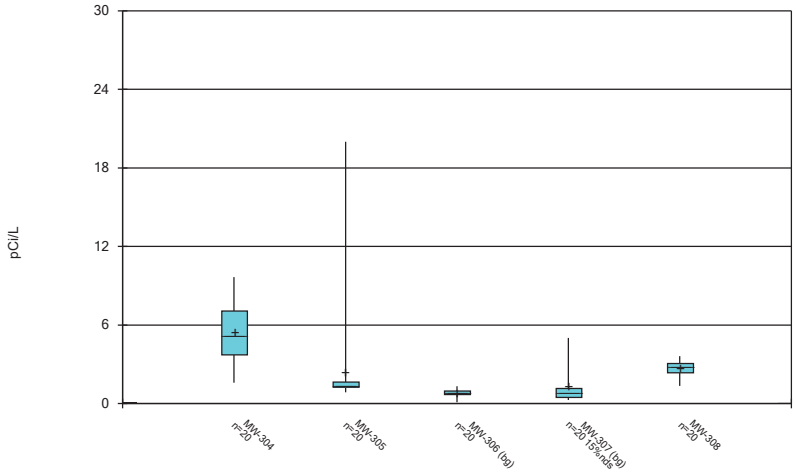
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

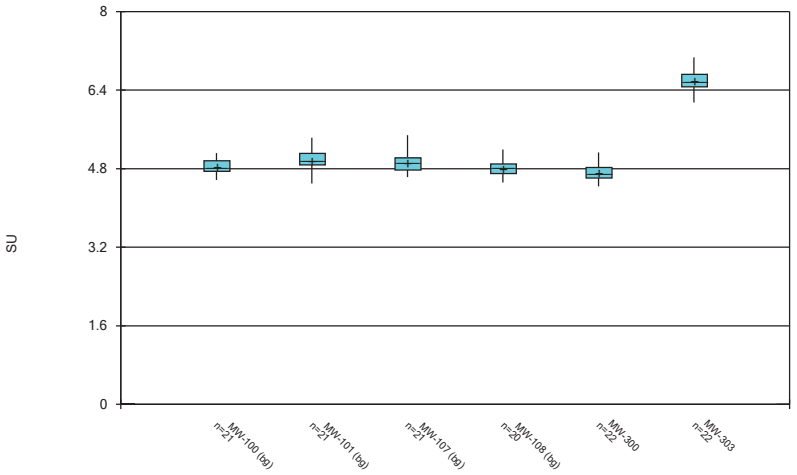
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

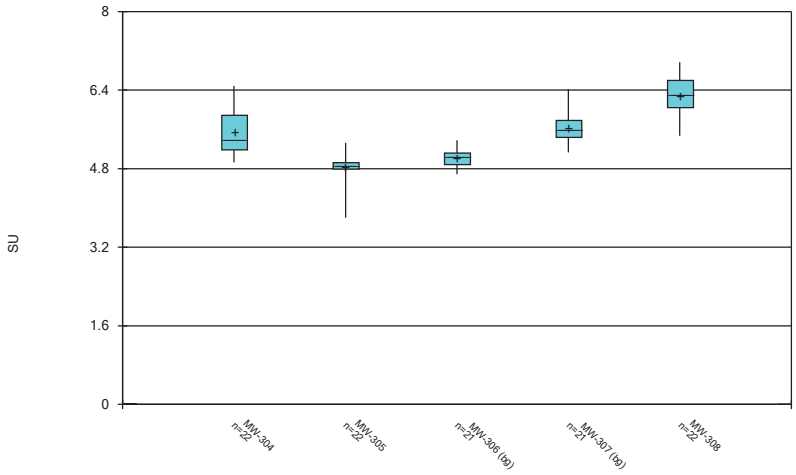
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

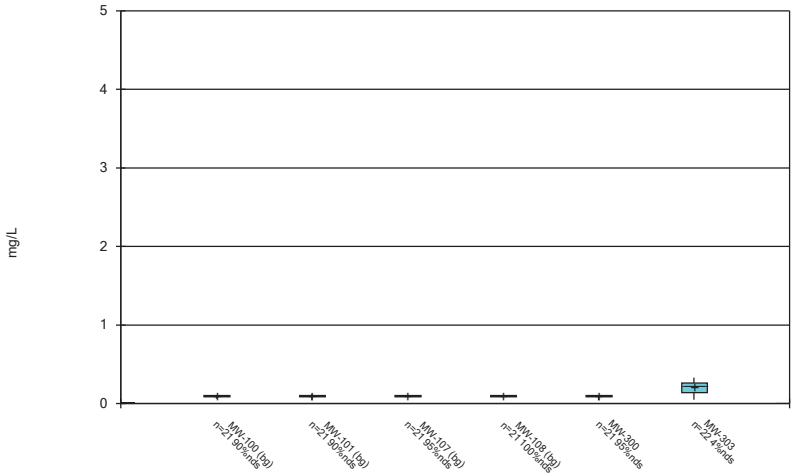
Box & Whiskers Plot



Constituent: Field pH Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

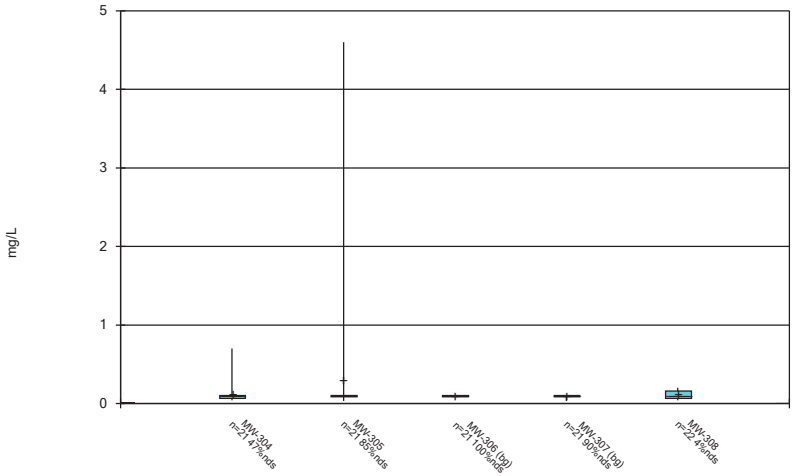
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/13/2023 2:01 AM View: 300 Series General
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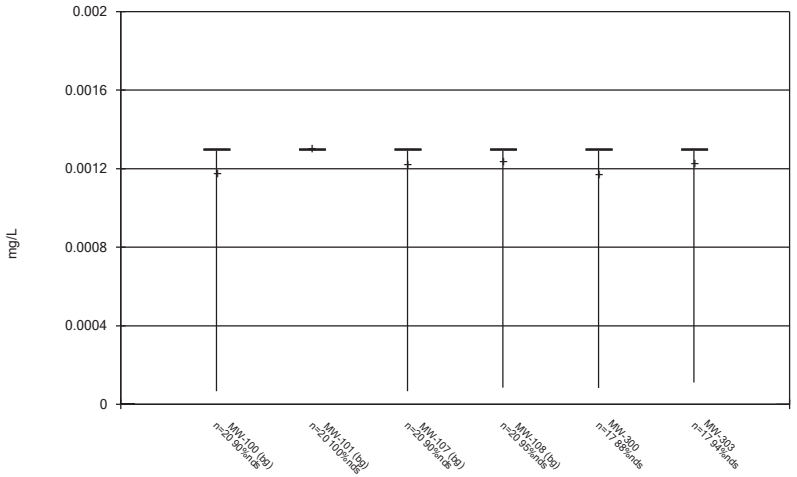
Sanitas™ v.9.6.36 . UG

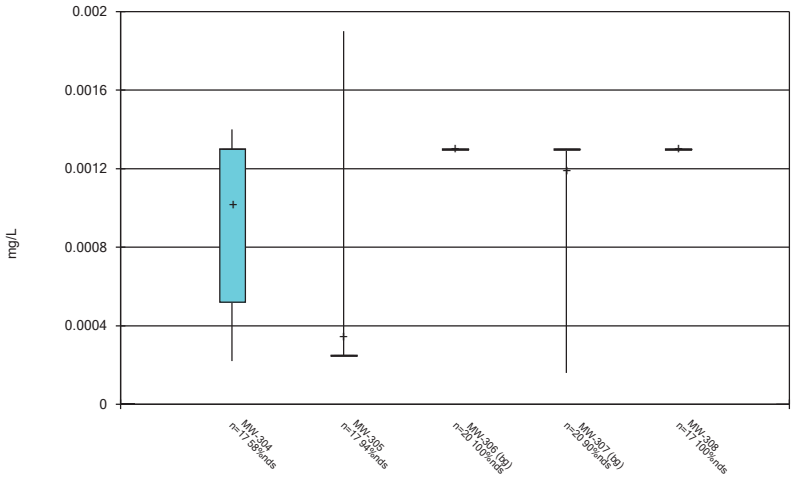
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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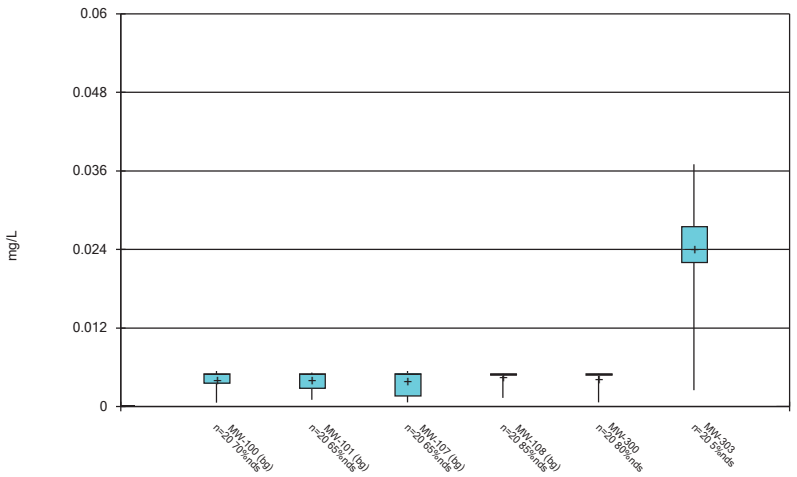
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/13/2023 2:01 AM View: 300 Series General
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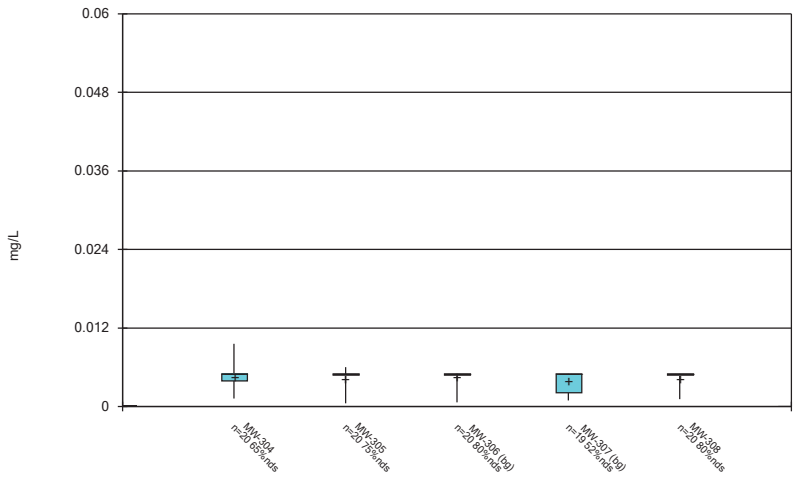
Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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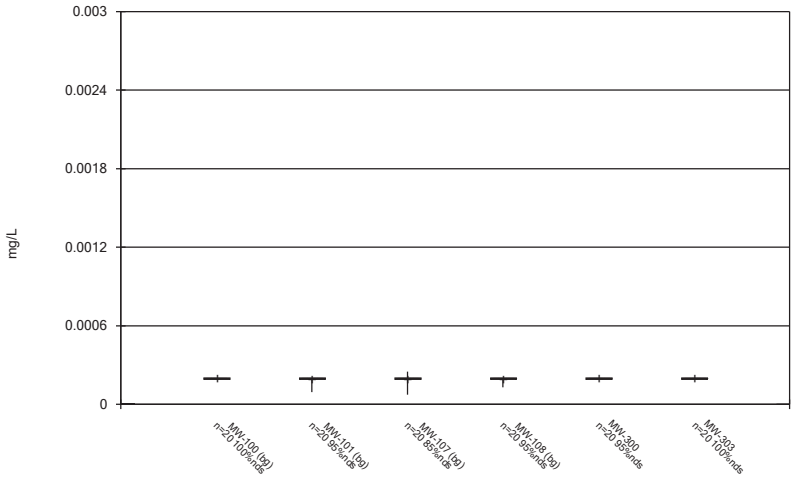
Sanitas™ v.9.6.36 . UG

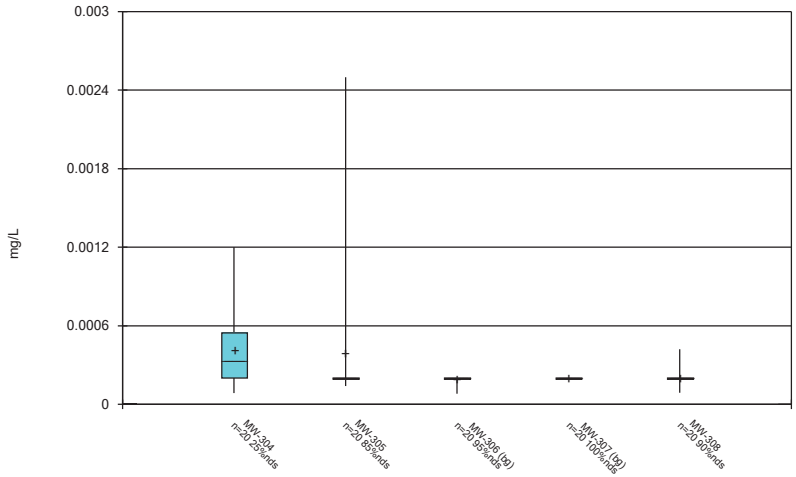
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

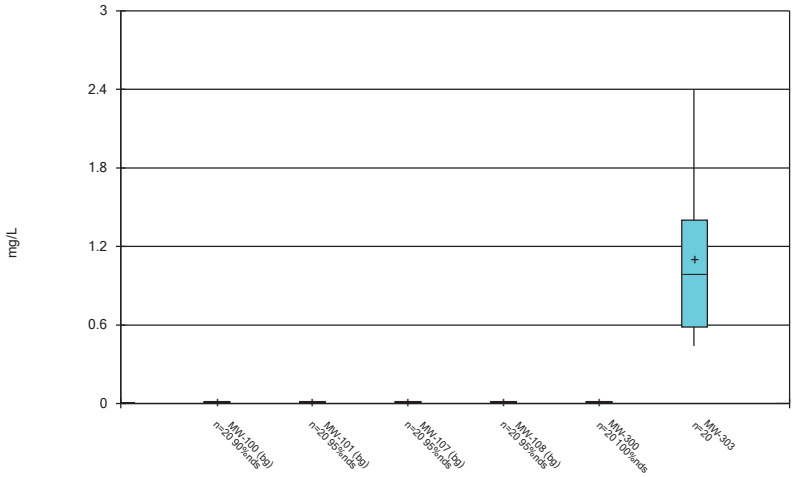
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

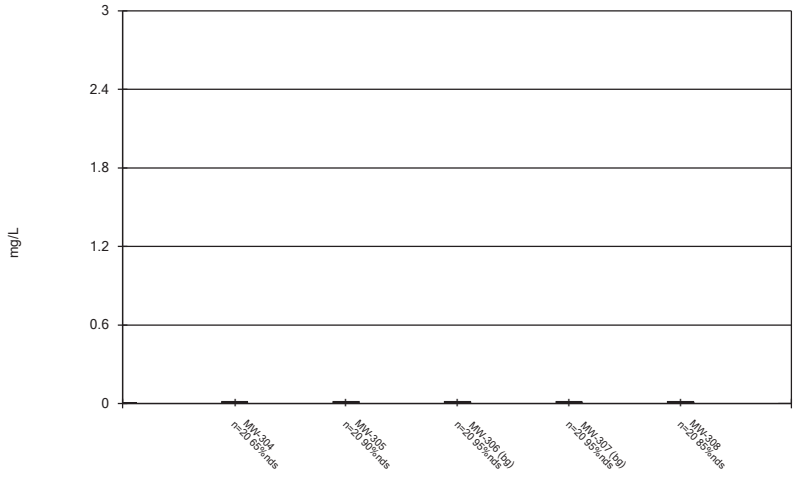
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

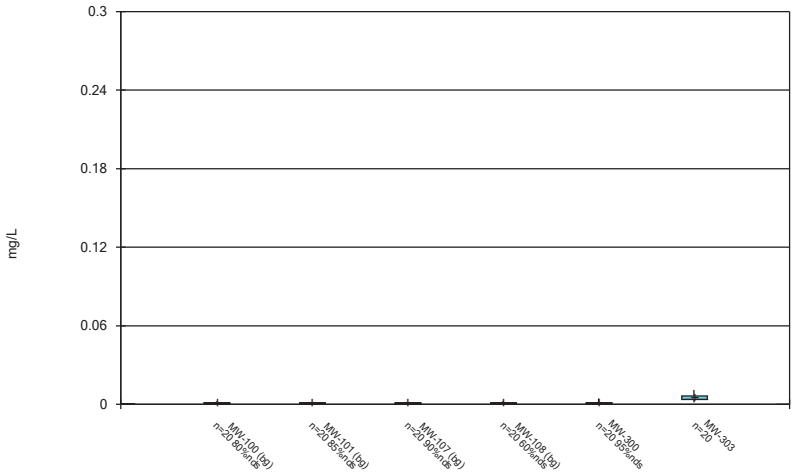
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

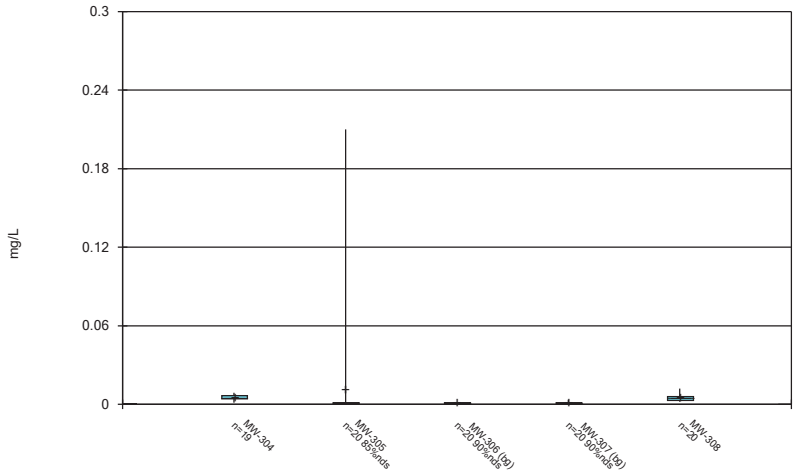
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/13/2023 2:02 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

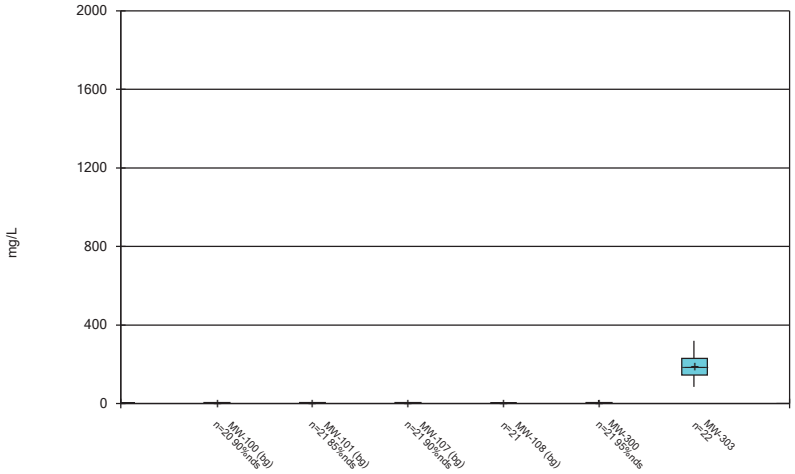
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/13/2023 2:02 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

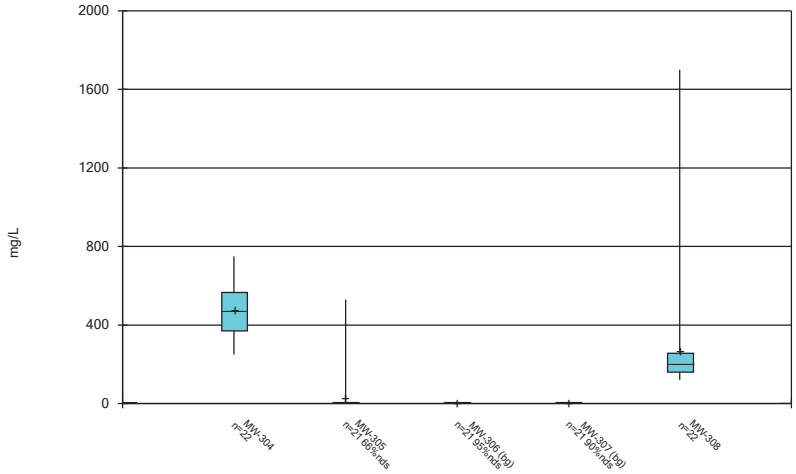
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 1/13/2023 2:02 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



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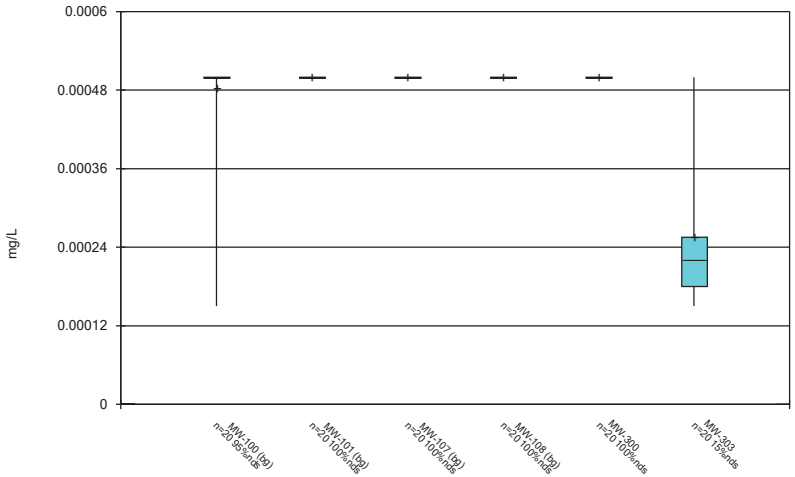
Sanitas™ v.9.6.36 . UG

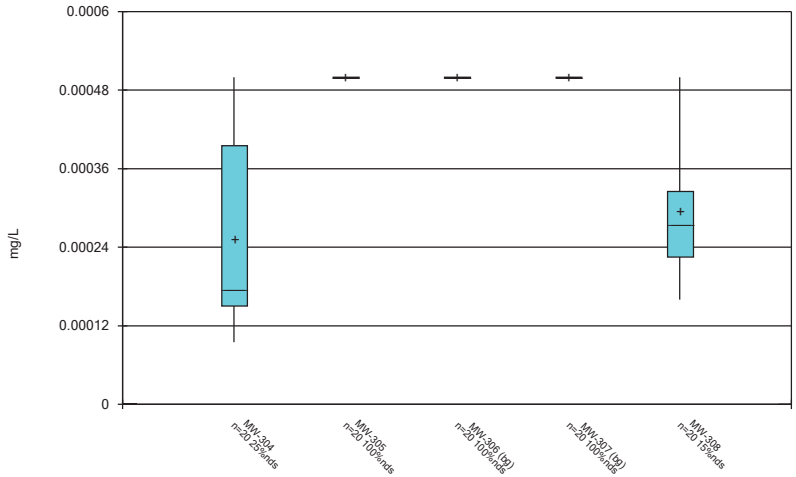
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/13/2023 2:02 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

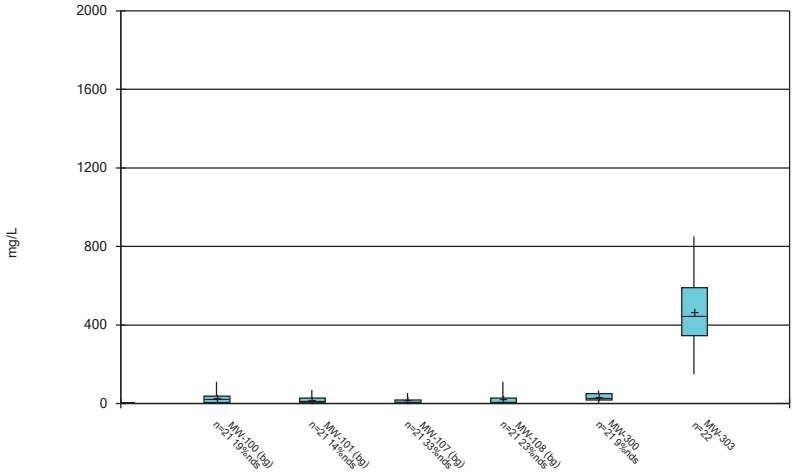
Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/13/2023 2:02 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

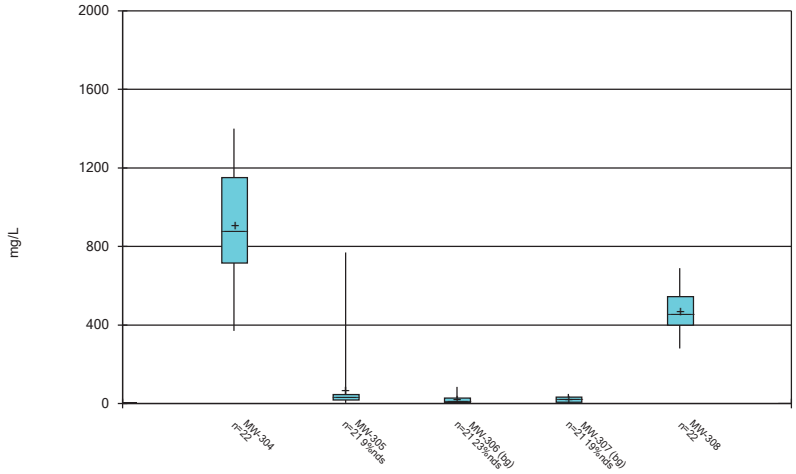
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/13/2023 2:02 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/13/2023 2:02 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

APPENDIX D

MW-110 Cobalt Evaluation at Ash Landfill No. 1

Geosyntec consultants

1120 North 12th Avenue
Pensacola, Florida 32501
PH 850 477 6547
www.geosyntec.com

Memorandum

Date: 27 January 2023

To: Billi Jo Huddleston, Florida Power & Light Company

From: Ben Amos, Ph.D., P.E. and Lane Dorman, P.G., Geosyntec Consultants, Inc.

Subject: Alternate Source Demonstration for Cobalt in MW-110 at Ash Landfill No. 1, Gulf Clean Energy Center, Pensacola, FL

INTRODUCTION

On behalf of Florida Power & Light Company ("FPL"), Geosyntec Consultants, Inc. (Geosyntec) prepared this alternate source demonstration ("ASD") for cobalt in MW-110 at Ash Landfill No. 1 ("LF1") at FPL Gulf Clean Energy Center ("GCEC") located in Escambia County, Florida ("Site"). This ASD has been prepared consistent with the requirements of the United States Environmental Protection Agency's ("USEPA") Coal Combustion Residuals ("CCR") Rule at 40 CFR Part 257, Subpart D ("CCR Rule"); specifically, 40 CFR Section 257.95(g)(3)(ii).

BACKGROUND AND PURPOSE

Pursuant to the USEPA CCR Rule, FPL installed and certified a groundwater monitoring system at GCEC's LF1 (**Figure 1**). Notification of a statistically significant level ("SSL") of cobalt above the applicable groundwater protection standard ("GWPS") downgradient of LF1 was posted to the operating record on November 14, 2018. In accordance with the CCR Rule, FPL previously prepared an ASD for cobalt at MW-104, the single well downgradient of LF1 with a cobalt SSL.[1]

The analysis of groundwater sampling data collected as part of the groundwater monitoring assessment program in March and September 2022 indicated an SSL of cobalt above the applicable GWPS in MW-110 at LF1.[2] This memorandum demonstrates that the ASD for cobalt at MW-104 is applicable to MW-110. The ASD for MW-104, and by extension MW-110, specifically demonstrates that naturally occurring sources of cobalt are present at the Site and these naturally occurring sources, not LF1, resulted in the SSLs at LF1.

SOIL CHARACTERIZATION ACTIVITIES

The presence of naturally occurring cobalt was evaluated by sampling and analyzing soil cores previously collected during historical monitoring well installation activities. The soil cores had

[1] Geosyntec, January 2019. Alternate Source Demonstration, Gulf Power Company, Plant Crist, Ash Landfill No. 1.
[2] Notification of the cobalt SSL at MW-110 was posted to the operating record on January 25, 2023.

been sealed in plastic bags and stored in long-term storage at GCEC's climate-controlled warehouse. Thirty-four samples, representing 11 locations, were collected from the soil cores in August 2018 for laboratory analysis. Soil samples were selected based on their proximity to LF1 (**Figure 1**) and lithology. Sampling intervals (**Table 1**) included elevations that were above, within, and below the screen interval elevation of downgradient wells with respect to feet relative to the North American Vertical Datum of 1988 ("ft NAVD88"). Collected samples were analyzed for total cobalt and selected samples with reported detections of total cobalt were further analyzed in accordance with the synthetic precipitation leaching procedure ("SPLP").

A naturally occurring source of cobalt would be indicated by the presence of elevated concentrations of cobalt throughout Site soils, regardless of spatial proximity to LF1. In contrast, elevated concentrations in soils surrounding LF1 and the absence of elevated cobalt concentrations beyond the influence of LF1 would indicate LF1 as a potential cobalt source. Further, elevated leaching concentrations of cobalt from soils beyond the influence of LF1 would indicate the naturally occurring sources of cobalt resulted in the LF1 SSLs.

ALTERNATE SOURCE DEMONSTRATION

Results from the investigation as summarized in **Table 1** indicated:

- Laboratory results reported overall detections of total cobalt in 16 of 34 samples analyzed (approximately 47%) and 10 of 11 locations (approximately 91%) at concentrations ranging from an estimated concentration of 0.0874 to 19.6 milligrams per kilogram ("mg/kg").
- Nine of 16 cobalt detections (approximately 56%) were "I" qualified, indicating that these concentrations were estimated and between the method detection limit and the practical quantification limit of the laboratory method.
- Cobalt was detected in 4 of 5 soil borings in the vicinity of LF1 at concentrations ranging from 0.0956(I) to 15.4 mg/kg.
    - These soil samples represent elevations between approximately 80 and -66 ft NAVD88 which are above and below the screen interval elevation of MW-110 (*i.e.,* -17.7 to -27.7 feet NAVD88).
    - Cobalt was detected in soil samples above the water table, which is approximately 10 ft NAVD88, including select sample intervals from MW5004 and MW2002. These sample intervals are considered hydraulically isolated from LF1 since they were collected above the water table.
    - Cobalt was also detected in soil samples below the water table, which is approximately 10 ft NAVD88, including select sample intervals from MW5001, MW-D, and MW5004. Saturated samples from these locations are considered hydraulically downgradient of LF1 based on both their spatial location relative to the unit and since they were collected below the water table.

  - Cobalt was not detected in soil samples from the MW2038/MW2015 boring location.

- Of the soil samples collected elsewhere at the Site (*i.e.*, from borings associated with EXB-02, MW2021, MWC-7R, MW2024, MW2046, and MW2003), cobalt was detected in 9 of 17 samples (approximately 53%) at concentrations ranging from 0.0874(I) to 19.6 mg/kg, suggesting Site-wide occurrence of cobalt.

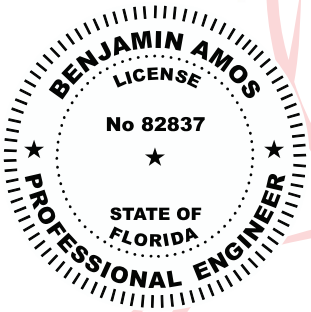
The following eight soil samples, collected in the vicinity of LF1, were analyzed to assess the potential to leach cobalt from native soils to groundwater by SPLP: GE-5DR-58'; GE-5DR-94'; MWC-8R-30'; MWC-8R-42'; MWC-8R-57'; MWC-8R-132'; MW-D-35'; and MWP-13R-62' (**Table 1**). Three of the eight soil samples resulted in SPLP concentrations of cobalt above the GWPS of 0.006 milligrams per liter ("mg/L"). The three samples included MWC-8R-30' (91 ft above the top of the screen of MW-110), MWC-8R-57' (64 ft above the top of the screen of MW-110), and MWC-8R-132' (1 ft below the bottom of the MW-110 screen). The vertical distribution of these SPLP detections in the vicinity of LF1 indicate that naturally occurring cobalt is distributed throughout a soil horizon exceeding 100 ft, including soil sample locations both above and below the water table.

The maximum concentration of cobalt detected in the vicinity of LF1 was 15.4 mg/kg in sample MWC-8R-30'. The cobalt SPLP concentration from this sample was 0.588 mg/L which is approximately 100 times the GWPS for cobalt of 0.006 mg/L. The elevation of this downgradient unsaturated sample is 69 ft above the groundwater table, and therefore, the sample location is beyond above the influence of LF1. These elevated soil and SPLP concentrations suggest an alternate source of cobalt is present at the Site resulting in elevated groundwater cobalt concentrations.

Furthermore, the distribution of cobalt across the Site is not consistent with a release from a localized source. The maximum cobalt leachate concentration of 1.04 mg/L was reported at EXB-02 at an approximate depth of -34 ft NAVD88. EXB-02 is approximately 2,100 ft from LF1. The location of this sample suggests lateral distribution of cobalt across the Site.

The observed vertical and lateral profile of cobalt detections and SPLP results suggest that the cobalt observations are not associated with a release from LF1 and are instead widespread and naturally occurring across the Site. The results of the cobalt soil investigation demonstrated that cobalt was detected at various locations across the Site, both upgradient and downgradient of LF1, above and below the water table, and at depth intervals both above and below the screen interval of CCR well MW-110. This lateral and vertical distribution of cobalt at the Site, along with the SPLP test results, indicates that naturally occurring cobalt present in the subsurface soils is the source of the cobalt SSLs in groundwater, not LF1.

This *Alternate Source Demonstration for Cobalt in MW-110, Florida Power & Light Company – Gulf Clean Energy Center – Ash Landfill No. 1* demonstrates that a source other than LF1 resulted in the cobalt SSLs at LF1. The ASD has been prepared in accordance with the requirements of the USEPA CCR Rule; specifically 40 CFR 257.95 (g)(3)(ii) under the supervision of a State of Florida licensed Professional Engineer and Professional Geologist with Geosyntec.



This document has been electronically signed and sealed by Benjamin Amos P.E. on 27 January 2023 using a SHA-1 authentication code. Printed copies of this document are not considered signed and sealed, and the SHA-1 authentication code must be verified on any electronic copies.
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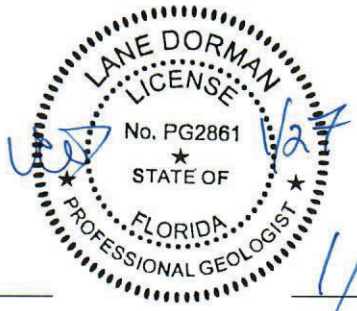
Benjamin K. Amos, Ph.D., P.E.
Florida Professional Engineer No. 82837

Date



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

1/27/23
Date

Attachments:

Table 1 Cobalt Results from Historical Soil Cores
Figure 1 Monitoring Well and Soil Boring Locations

TABLE

TABLE 1: COBALT RESULTS FROM HISTORICAL SOIL CORES

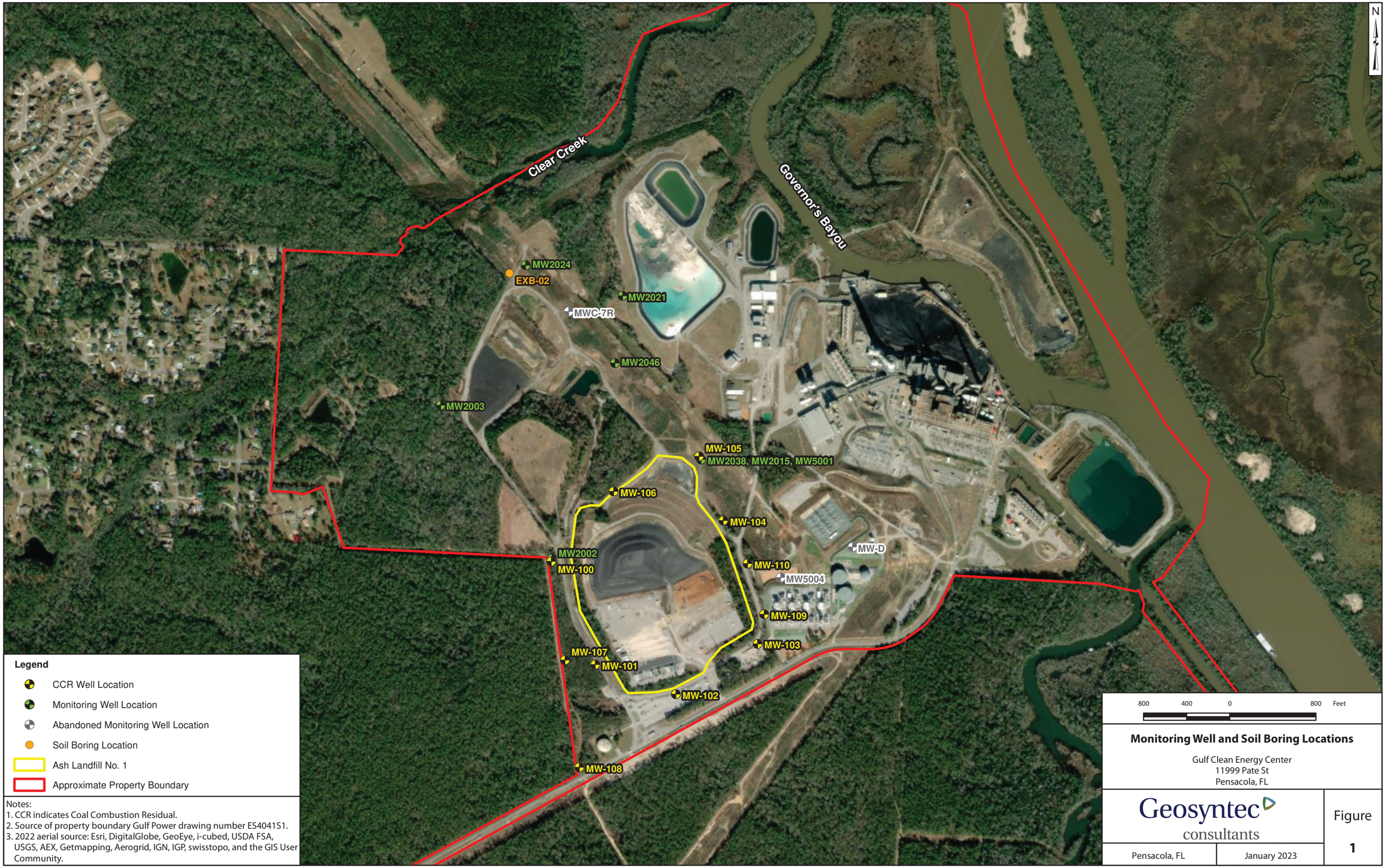
Florida Power & Light Company, Pensacola, Florida

Soil Boring Location	Soil Sample ID	Sample Elevation (ft NAVD88)	Soil Sample Collection Date	Total Cobalt Content (mg/kg)	Cobalt SPLP (mg/L)
MW2038/MW2015	GE-5S/D-25'	4	8/14/2018	0.298 U	---
	GE-5S/D-35'	-6	8/14/2018	0.317 U	---
	GE-5S/D-38'	-9	8/14/2018	0.314 U	---
	GE-5S/D-45'	-16	8/14/2018	0.280 U	---
MW5001	GE-5DR-58	-30	8/31/2018	**0.235 I**	0.000400 U
	GE-5DR-77'	-49	8/31/2018	0.0766 U	---
	GE-5DR-94'	-66	8/31/2018	**0.276 I**	0.000400 U
MW5004	MWC-8R-30'	74	8/31/2018	**15.4**	**0.588**
	MWC-8R-42'	62	8/31/2018	**0.208 I**	0.000400 U
	MWC-8R-57'	47	8/31/2018	**6.02**	**0.239**
	MWC-8R-95'	9	8/14/2018	0.0321 U	---
	MWC-8R-102'	2	8/14/2018	0.327 U	---
	MWC-8R-112'	-8	8/14/2018	0.291 U	---
	MWC-8R-132'	-28	8/14/2018	**3.75**	**0.141**
MW-D	MW-D-35'	81	8/31/2018	**0.0956 I**	0.000400 U
	MW-D-88'	28	8/14/2018	0.307 U	---
	MW-D-110'	6	8/14/2018	0.315 U	---
MW2002	MWP-13R-22	78	8/31/2018	0.0842 U	---
	MWP-13R-42	58	8/31/2018	0.0862 U	---
	MWP-13R-52	48	8/31/2018	0.0814 U	---
	MWP-13R-62'	38	8/14/2018	**0.770 I**	0.00300 U
	MWP-13R-72'	28	8/14/2018	0.330 U	---
	MWP-13R-102'	-2	8/14/2018	0.350 U	---
	MWP-13R-112'	-12	8/14/2018	0.303 U	---
	MWP-13R-122'	-22	8/14/2018	0.375 U	---
EXB-02	EXB-02-62'	-24	8/31/2018	0.0778 U	---
	EXB-02-72'	-34	8/31/2018	**19.6**	**1.04**
MW2021	GE-4DR-52'	-36	8/31/2018	**0.135 I**	0.000400 U
MWC-7R	MWC-7R-30'	2	8/31/2018	**1.09**	0.000400 U
	MWC-7R-62'	-30	8/31/2018	**1.13**	0.000400 U
MW2024	MWI-1-60'	-30	8/31/2018	**0.190 I**	0.000400 U
MW2046	MWI-2-48'	-29	8/31/2018	**0.896**	0.000400 U
MW2003	MWP-11R-45'	20	8/31/2018	**0.0874 I**	0.000400 U
	MWP-11R-65'	0	8/31/2018	**0.300 I**	0.000400 U

Notes:

1. MW2038 corresponds to GE-5S sample location and MW2015 corresponds to GE-5D sample location.
2. ft NAVD88 indicates feet in reference to the North American Vertical Datum of 1988.
3. Soil sample collection date indicates the date the soil sample was collected from the soil core stored in the warehouse.
4. mg/kg indicates milligrams per kilogram.
5. mg/L indicates milligrams per liter.
6. SPLP indicates Synthetic Precipitation Leaching Procedure.
7. U indicates that the compound was analyzed but not detected.
8. I indicates that the reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
9. --- indicates not analyzed.
10. **Detected constituents are shown in bold.**

FIGURE



Notes:
1. CCR indicates Coal Combustion Residual.
2. Source of property boundary Gulf Power drawing number ES4041S1.
3. 2022 aerial source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Monitoring Well and Soil Boring Locations

Gulf Clean Energy Center
11999 Pate St
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2023

Figure 1

Path: (Tifusville-01\DATA) \\Tifusville-01\Data\0GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202301\MW_SB_Locations.mxd 11 January 2023. Last Edited by: csaville