Prepared for

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2022 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

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

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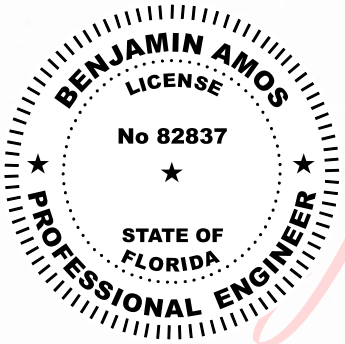
CERTIFICATION STATEMENT

This *2022 Annual Groundwater Monitoring and Corrective Action Report, Florida Power & Light Company – Gulf Clean Energy Center – Gypsum Storage Area* has been prepared in accordance with the requirements of the United States Environmental Protection Agency Coal Combustion Residuals Rule (40 Code of Federal Regulations Part 257, Subpart D) under the supervision of a State of Florida licensed Professional Engineer and Professional Geologist with Geosyntec Consultants, Inc.



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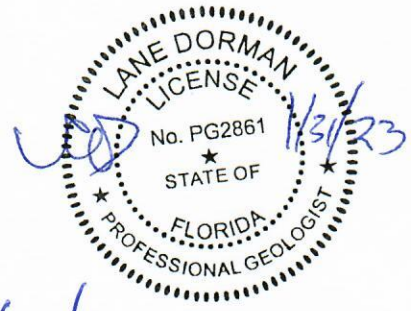

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EXECUTIVE SUMMARY

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 and Corrective Action Report* documents CCR groundwater monitoring and remedial evaluation activities completed in 2022 at Florida Power & Light Company's ("FPL") Gulf Clean Energy Center Gypsum Storage Area ("GSA").

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

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

Statistical evaluation of CCR groundwater monitoring data collected through October 2017 identified statistically significant increases ("SSIs") of certain CCR Rule Appendix III groundwater monitoring constituents relative to background. In accordance with the CCR Rule, FPL initiated an assessment monitoring program for the GSA in March 2018 and continued assessment monitoring activities for the GSA through 2022. Semi-annual assessment monitoring groundwater sample collection events for all 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 Gypsum Storage Area* (Gulf Power Company, 2017). Statistical analysis of the 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-201 & MW-206	MW-200, MW-201, & MW-206
Calcium	MW-201 & MW-206	MW-200, MW-201, & MW-206
Chloride	MW-200, MW-201, & MW-206	MW-200, MW-201, & MW-206
Fluoride	MW-201	- -
Sulfate	MW-200, MW-201, & MW-206	MW-200, MW-201, & MW-206
TDS	MW-200, MW-201, & MW-206	MW-200, MW-201, & MW-206
pH	MW-200 & MW-206	MW-206

Statistical analysis of 2022 data indicated statistically significant levels ("SSLs") of total radium above its groundwater protection standard in MW-200, MW-201, and MW-206. Groundwater characterization activities in 2022 were consistent with prior data and evaluations (Geosyntec, 2020a) indicating that total radium is delineated.

FPL initiated an assessment of corrective measures ("ACM") in January 2019. The *Assessment of Corrective Measures Report* was completed in June 2019 (Geosyntec, 2019a). A public meeting was held in December 2019 to discuss the ACM. The GSA is currently inactive following the facility ceasing coal-fired operations in late 2020. In 2022, FPL continued an engineering design evaluation for closure by removal, as documented in the October 15, 2021 *Closure Plan – Revision 01*. As FPL continues gypsum removal from the GSA for beneficial use, additional evaluation regarding the long-term management strategy of the GSA and the potential need for a groundwater remedy is ongoing.

FPL continued to operate the existing groundwater extraction system in 2022 as a temporary measure for the GSA while remedy evaluation and potential selection continues.

In 2023, the GSA will remain in assessment monitoring.

Geosyntec consultants

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1.0 INTRODUCTION

1.1 Overview

On behalf of the Florida Power & Light Company ("FPL"), Geosyntec Consultants, Inc. ("Geosyntec") prepared this *2022 Annual Groundwater Monitoring and Corrective Action Report* for FPL's Gulf Clean Energy Center ("GCEC") Coal Combustion Residuals ("CCR") Gypsum Storage Area ("GSA"). The purpose of this report is to present a summary of the CCR groundwater activities conducted at the GSA in 2022. This report has been prepared in accordance with the 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. The GSA is located on the eastern portion of the property.

1.2 Regional Geology & Hydrogeologic Setting

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

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

producing zone is under semi-confined conditions due to the nature of the low permeability zone that lies above and a regionally extensive confining unit that lies underneath (Richards, 2001).

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

1.3 GSA and Groundwater Monitoring System Descriptions

The GSA is a gypsum storage pond, occupying approximately 14.3 acres, that has been inactive since ceasing of coal-fired operations at the GCEC in December 2020. The pond bottom is constructed of an engineered composite liner consisting of 60-mil high-density polyethylene underlain by a geosynthetic liner. Gypsum, process water, and stormwater were conveyed to the GSA. Decant water from the GSA is managed through gravity feed pipes to two associated ponds – the Process Sedimentation Pond (or Reuse Pond) and the Process Return Water Pond.

In 2022, FPL continued evaluation of methods for closure of the GSA. Also, in 2022, FPL continued an engineering design evaluation for closure by removal, as documented in the October 15, 2021 *Closure Plan – Revision 01* (Golder, 2021). As FPL continues gypsum removal from the GSA for beneficial use, additional evaluation regarding the long-term management strategy of the GSA and the potential need for a groundwater remedy is ongoing.

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

In the *2018 Annual Groundwater Monitoring and Corrective Action Report* (Geosyntec, 2019b) and prior documents, monitoring wells MW-202, MW-203, MW-204, and MW-205 were included as downgradient wells based on suspected radial groundwater flow

from the GSA. However, groundwater monitoring events have consistently demonstrated that groundwater near the GSA flows toward the northeast without observed radial flow from the GSA. Therefore, monitoring wells MW-202, MW-203, MW-204 and MW-205 are hydraulically upgradient of the GSA and were reclassified as upgradient monitoring wells. Monitoring wells in the GSA groundwater monitoring network include:

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

In 2022, FPL also sampled the following wells/piezometers around the GSA to monitor the nature and extent of identified statistically significant levels ("SSLs") for CCR Rule Appendix IV constituents:

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

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

1.4 Groundwater Corrective Action

As reported by SC (2018), and pursuant to Consent Order OGC No. 16-1250 ("Consent Order") between Gulf Power Company (the prior GCEC owner) and the Florida Department of Environmental Protection ("FDEP") (the Consent Order has subsequently been administratively closed by FDEP), a groundwater pump and treat system was installed downgradient of the GSA to promote removal of groundwater impacts resulting from an unpermitted discharge from GSA-related infrastructure (SC, 2018). Extracted groundwater is treated on-Site and disposed through FDEP-permitted deep injection wells. As reported in the June 2021 *Remedy Selection Semi-Annual Progress Report* (Geosyntec, 2021a), the groundwater extraction and treatment system transitioned in 2020 to serve as a temporary measure for the GSA while remedy evaluation and potential selection continues. FPL continued to operate the existing groundwater extraction system

in 2022 as conditions allowed. Currently, FPL plans to operate the groundwater extraction and conveyance system as a temporary measure in 2023.

2.0 GROUNDWATER MONITORING ACTIVITIES

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

2.1 Monitoring Well Installation and Maintenance

Monitoring well installation activities were completed for the GSA in 2015 and 2016 (SC, 2018). Construction information for the monitoring network, including piezometers installed in 2019, is provided in **Table 1** and locations are shown in **Figure 2**. 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 GSA monitoring and delineation well/piezometer shown on **Figure 2** and analyzed for CCR Rule Appendix III and Appendix IV constituents. A summary of groundwater sample collection events completed in 2022 is provided in **Table 2**. Groundwater analytical data associated with these events are summarized in **Table 3**; laboratory analytical reports are included in **Appendix A**.

3.0 SAMPLE METHODOLOGY

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

3.1 Groundwater Elevation Measurement

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

As illustrated on the March 2022 and September 2022 potentiometric surface maps (**Figures 3** and **4**), the general direction of groundwater flow near the GSA is to the north-northeast. The groundwater flow patterns observed at the GSA during the March 2022 and September 2022 assessment monitoring events are generally consistent with observations from 2021 (Geosyntec, 2022a).

3.2 Groundwater Gradient and Flow Velocity

Groundwater flow rates were calculated based on hydraulic gradients estimated from groundwater elevations measured during each sampling event and hydraulic conductivity (64 feet per day [ft/day]) documented in the *APT Well Installation, Development, and Testing Report* (Geosyntec, 2017). The horizontal hydraulic gradients between MW-204 and MW-206 were calculated based on groundwater elevation data from both the 2022 sampling events and were approximately 0.002 ft/ft and 0.003 ft/ft between the well pair in March 2022 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-204 and MW-206 were 0.54 ft/day (196 ft/year) and 0.64 ft/day (235 ft/year) in March and September 2022, respectively.

3.3 Groundwater Sampling

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

3.4 Laboratory Analyses

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

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

3.5 Quality Assurance & Quality Control Summary

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

Groundwater quality data from March 2022 were independently validated in accordance with *Region IV Data Validation Standard Operating Procedures* (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 in accordance with *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2017). Data validation reports for the March 2022 semi-annual assessment monitoring event are included in **Appendix A.** Data validation reports for the September 2022 semi-annual assessment monitoring event will be included in the 2023 annual report.

4.0 STATISTICAL ANALYSIS

The following section describes the statistical methods and analyses performed in 2022. As stated in Sections 1.3 and 3.3, monitoring wells MW-202, MW-203, MW-204, and MW-205 were reclassified as upgradient wells and are no longer considered to be downgradient of the GSA. Therefore, data from these wells were not included in the statistical analysis of the 2022 groundwater sampling data.

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, 2017) and the *Statistical Analysis Method Certification, 40 CFR 257.93(f), Plant Crist Gypsum Storage Area* ("SAMC") (Gulf Power Company, 2017)..

Statistical analysis of CCR groundwater data was performed using the Sanitas™ v.9.6.28 groundwater statistical software. Sanitas™ is a decision support software package that incorporates statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency regulations and incorporates methods recommended in the *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance* (USEPA, 2009), consistent with the SAP and the SAMC.

4.1.1 Appendix III Constituent Statistical Method

Statistical analysis of CCR Rule Appendix III constituents was performed to evaluate if concentrations were consistent with observed background values. Statistical tests used to evaluate the CCR groundwater monitoring data consisted of interwell prediction limits combined with a 1-of-2 resample strategy for the following Appendix III constituents: boron, calcium, chloride, fluoride, sulfate, and total dissolved solids ("TDS"). Interwell prediction limits pool upgradient well data to establish a background prediction limit for an individual constituent, and the most recent sample from each downgradient well is compared to the background prediction limit for each constituent. Intrawell prediction limits combined with a 1-of-2 resample strategy were used to evaluate pH at each well. Intrawell prediction limits are constructed using historical data within a given well and compare the most recent sample to background levels within the same well. The 1-of-2 resample strategy allows for collection of a verification sample when statistically

significant increases ("SSIs") are identified. If the most recent sample exceeded its respective background prediction limit and a verification sample is not collected, an SSI is identified.

4.1.2 Appendix IV Constituent Statistical Method

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

To evaluate SSLs of CCR Rule Appendix IV constituents, confidence intervals were constructed for each Appendix IV constituent in each downgradient well and compared to the GWPSs (**Table 5**). An SSL is identified only when the entire confidence interval is above the GWPS. Other statistical tests, including time-series plots and trend analyses, were performed in accordance with the SAP and the SAMC (Gulf Power Company, 2017). Additional details are presented in the statistical analysis reports for the March and September 2022 semi-annual assessment monitoring events provided in **Appendices B** and **C**, respectively.

4.2 Statistical Analyses Results

Analytical data from the March and September 2022 semi-annual assessment monitoring events were analyzed in accordance with the SAP and SAMC. Appendix III statistical analysis was performed to evaluate if constituent concentrations in groundwater were consistent with background levels. CCR Rule Appendix IV constituents were evaluated to assess if groundwater concentrations statistically exceeded the established GWPSs.

4.2.1 Appendix III Constituent Statistical Results

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

SSI Constituent	Semi-Annual Assessment Monitoring Event	
	March 2022	September 2022
Boron	MW-201 & MW-206	MW-200, MW-201, & MW-206
Calcium	MW-201 & MW-206	MW-200, MW-201, & MW-206
Chloride	MW-200, MW-201, & MW-206	MW-200, MW-201, & MW-206
Fluoride	MW-201	- -
Sulfate	MW-200, MW-201, & MW-206	MW-200, MW-201, & MW-206
TDS	MW-200, MW-201, & MW-206	MW-200, MW-201, & MW-206
pH	MW-200 & MW-206	MW-206

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

4.2.2 Appendix IV Constituent Statistical Results

Based on the statistical analysis of Appendix IV constituents, total radium SSLs were identified at the following locations in 2022: MW-200, MW-201, and MW-206.

As stated in Sections 1.3 and 3.3, monitoring wells MW-203 and MW-204 were reclassified as upgradient monitoring wells. Accordingly, previously detected SSLs for total radium in MW-203 and MW-204 and cobalt in MW-204 are not reflective of downgradient conditions or indicative of impacts to groundwater from the GSA. FPL will continue to monitor these wells in accordance with the CCR Rule to evaluate potential upgradient sources of Appendix IV constituents coming into the GSA.

5.0 DELINEATION ASSESSMENT AND SAMPLING

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

5.1 2020 Delineation Assessment

Key conclusions of the 2020 assessment are briefly summarized below:

Naturally-occurring uranium and thorium, both of which are parent radionuclides for radium, are present in Site soils as documented by LBG-Guyton (LBG-Guyton, 1998) and further supported by results of soil analysis presented in the 2020 assessment. The presence of uranium and thorium indicate the potential for a naturally-occurring source of total radium that may contribute to elevated levels of total radium observed in groundwater downgradient of the GSA.

Total radium can be leached from Site soils at levels higher than the GWPS of 5 picocuries per liter ("pCi/L") when in contact with Site groundwater as evidenced by leaching tests conducted by LBG-Guyton and supported by additional leaching tests documented in the 2020 assessment. The contribution of naturally-occurring sources of radionuclides to total radium levels in groundwater was calculated to be in the range of 2.9 to 16.1 pCi/L.

Total radium (up to 16.5 pCi/L) is present at levels higher than the GWPS of 5 pCi/L in monitoring wells and/or sample locations hydraulically disconnected from the GSA (i.e., upgradient and side-gradient of the GSA).

The 2020 assessment indicates that natural variation in groundwater quality contributes to the elevated levels of total radium downgradient of the GSA.

5.2 Delineation Sampling

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

- To delineate the horizontal and vertical extent of total radium at MW-200, FPL sampled PZ-200S and PZ-200D, respectively.

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

- To delineate the horizontal and vertical extent of total radium at MW-206, FPL sampled GSA-2S and MW2032, respectively.

Results from delineation activities performed during semi-annual monitoring events in 2022 were generally consistent with those reported previously (Geosyntec, 2019b; Geosyntec, 2020b; Geosyntec, 2021b; and Geosyntec, 2022a).

The level of total radium in both horizontal and vertical delineation wells has generally been below the GWPS of 5 pCi/L, except at horizontal delineation wells PZ-200S (downgradient of MW-200) and GSA-2S (downgradient of MW-201 and MW-206). The average level of total radium in samples collected from PZ-200S between June 2019 and September 2022 is 8.0 pCi/L, with a standard deviation of 3.4 pCi/L. Although the levels of total radium in some samples exceeds the GWPS, the average level of total radium at PZ-200S is within the naturally-occurring range documented in the 2020 assessment (Geosyntec, 2020a).

Similarly, the average level of total radium in samples collected from GSA-2S between June 2019 and September 2022 is 7.9 pCi/L, with a standard deviation of 5.0 pCi/L. Although the level of total radium in some samples exceeds the GWPS, the average level of total radium at PZ-200S is within the naturally-occurring range documented in the 2020 assessment (Geosyntec, 2020a).

Based on samples collected to date and conclusions presented in the 2020 assessment, delineation is considered complete at the GSA.

6.0 CONCLUSIONS AND FUTURE ACTIONS

In accordance with the CCR Rule, FPL continued implementation of assessment monitoring in 2022. Statistical analysis identified SSLs of total radium downgradient of the GSA. Groundwater characterization activities in 2022 indicated that total radium is delineated, consistent with prior data and evaluations (Geosyntec, 2020a). An assessment of corrective measures ("ACM") was initiated in January 2019 and completed in June 2019 (Geosyntec, 2019a). A public meeting was held in December 2019 to discuss the ACM.

Corrective measures evaluation and remedy selection is ongoing, as documented in the June and December 2022 *Remedy Selection Semi-Annual Progress Reports* (Geosyntec 2022b; Geosyntec, 2022c). Groundwater remedy evaluation activities included assessing temporal constituent concentration trends. In addition, the GSA is currently inactive following the facility ceasing coal-fired operations in late 2020. In 2022, FPL continued an engineering design evaluation for closure by removal, as documented in the October 15, 2021 *Closure Plan – Revision 01* (Golder, 2021). As FPL continues gypsum removal from the GSA for beneficial use, additional evaluation regarding the long-term management strategy for the GSA and the potential need for a groundwater remedy is ongoing.

Assessment monitoring will continue in 2023. Additionally, FPL currently plans to continue to operate the existing groundwater pump and treat system as a temporary measure in 2023.

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TABLES

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

Monitoring Location	Installation Date	Northing	Easting	Ground Elevation	Top of Casing Elevation	Top of Screen Elevation	Bottom of Screen Elevation	Designation
Gypsum Storage Area - CCR Groundwater Monitoring Network								
MW-100	11/11/2015	578116.11	1107316.00	99.84	103.03	-5.16	-15.16	Background
MW-101	11/10/2015	577158.45	1107724.27	105.10	108.00	-1.90	-11.90	Background
MW-107	11/17/2015	577201.66	1107442.83	111.40	114.71	1.40	-8.60	Background
MW-108	11/17/2015	576208.36	1107577.06	80.51	83.54	-4.49	-14.49	Background
MW-200	11/11/2015	581703.17	1108041.01	17.20	20.13	-2.80	-12.80	Downgradient
MW-201	11/11/2015	581138.29	1108637.91	52.45	52.12	3.15	-6.85	Downgradient
MW-202	11/10/2015	580559.03	1109045.35	55.80	55.45	6.30	-3.70	Upgradient
MW-203	11/9/2015	580100.37	1108497.51	47.46	50.60	-2.54	-12.54	Upgradient
MW-204	11/9/2015	580325.06	1107978.45	16.43	19.47	-3.57	-13.57	Upgradient
MW-205	11/17/2015	581076.41	1107907.46	17.31	20.28	-2.69	-12.69	Upgradient
MW-206	2/9/2016	581888.48	1108613.37	26.25	29.11	1.25	-8.75	Downgradient
MW-306	11/19/2015	578417.11	1106200.44	67.61	70.56	-12.39	-22.39	Background
MW-307	11/19/2015	578209.77	1106865.99	101.11	104.18	-8.89	-18.89	Background
Groundwater Monitoring Locations for Delineation								
PZ-200S	2/5/2019	581853.34	1108016.45	5.09	8.31	-19.83	-24.83	Delineation
GSA-2S	4/13/2017	582073.8	1108707.19	21.03	24.00	-20.97	-30.97	Delineation
PZ-201D	2/6/2019	581161.53	1108641.12	52.02	52.00	-131.98	-136.98	Delineation
MW-2032/GE-1D	6/24/2009	581996.86	1108509.35	18.94	20.77	-77.06	-82.06	Delineation
PZ-200D	1/29/2019	581775.39	1108002.66	8.89	12.03	-129.11	-139.11	Delineation
PZ-203D	7/15/2019	580127.2	1108145.63	12.36	15.44	-178.56	-183.56	Delineation

Notes:

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

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

Well Name	Semi-Annual Assessment Monitoring Event 1	Semi-Annual Assessment Monitoring Event 2
Gypsum Storage Area - CCR Groundwater Monitoring Network		
MW-100	3/22/2022	9/7/2022
MW-101	3/22/2022	9/7/2022
MW-107	3/22/2022	9/7/2022
MW-108	3/22/2022	9/8/2022
MW-200	3/25/2022	9/13/2022
MW-201	3/25/2022	9/13/2022
MW-202	3/25/2022	9/12/2022
MW-203	3/25/2022	9/13/2022
MW-204	3/25/2022	9/12/2022
MW-205	3/25/2022	9/12/2022
MW-206	3/25/2022	9/13/2022
MW-306	3/22/2022	9/8/2022
MW-307	3/22/2022	9/8/2022
Groundwater Monitoring Locations for Delineation		
PZ-200S	3/29/2022	9/14/2022
GSA-2S	3/29/2022	9/14/2022
PZ-201D	3/28/2022	9/13/2022
MW-2032/GE-1D	3/29/2022	9/16/2022
PZ-200D	3/29/2022	9/13/2022
PZ-203D	3/28/2022	9/13/2022

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, Gypsum Storage Area, Pensacola, Florida

Monitoring Well	Well Designation	Sample Date	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Total Radium (pCi/L)	Fluoride (mg/L)	Lead (mg/L)	Lithium (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	pH (SU)	Selenium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Thallium (mg/L)
Semi-Annual Assessment Monitoring Event 1																							
MW-100	Background	3/22/2022	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-200	Downgradient	3/25/2022	0.00030 U	0.00024 U	0.00014 U	0.00018 U	0.0043 IVJ3	0.00013 U	0.025 U	76	0.00020 U	0.00011 U	3.81	0.070 U	0.00016 U	0.00098 U	0.00015 U	0.00026 U	5.34	0.00016 U	71	380	0.000092 U
MW-201	Downgradient	3/25/2022	0.0015 U	0.0012 U	0.041	0.00092 U	3.4	0.0017 I	73	160	0.0010 U	0.00086 I	8.93	0.25	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.95	0.005	120	610	0.00046 U
MW-202	Upgradient	3/25/2022	0.00030 U	0.00024 U	0.022	0.00018 U	0.046	0.00013 U	4.5	13	0.00020 U	0.00073	0.987	0.070 U	0.00024 I	0.00098 U	0.00031	0.00026 U	4.92	0.00016 U	17	68	0.000092 U
MW-203	Upgradient	3/25/2022	0.0015 U	0.0012 U	0.016	0.00092 U	0.56	0.00065 U	35	18	0.0021 I	0.00056 U	3.13	0.070 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	5.56	0.0018	74	190	0.00046 U
MW-204	Upgradient	3/25/2022	0.0015 U	0.0012 U	0.026	0.00092 U	4.9	0.00065 U	64	92	0.0010 U	0.010	11.5	0.18	0.0018	0.0049 U	0.00029	0.0013 U	4.38	0.0033	280	640	0.00046 U
MW-205	Upgradient	3/25/2022	0.0015 U	0.0012 U	0.081	0.00092 U	2.0	0.00065 U	33	47	0.0010 U	0.0015 I	3.45	0.070 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.99	0.0027	140	290	0.00046 U
MW-206	Downgradient	3/25/2022	0.0015 U	0.0012 U	0.038	0.00092 U	10	0.00065 U	170	340	0.0010 U	0.0012 I	6.19	0.070 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	5.21	0.0069	160	630	0.00046 U
PZ-200S	Delineation	3/29/2022	0.0015 U	0.0039	0.059	0.00092 U	9.7	0.00087 I	180	340	0.0011 I	0.0015 I	12.0	0.070 U	0.00081 U	0.0049 U	0.00025	0.0013 U	5.04	0.0026	150	1100	0.00046 U
GSA-2S	Delineation	3/29/2022	0.0015 U	0.0012 U	0.034	0.00092 U	2.5	0.00065 U	61	92	0.0010 U	0.0013 I	5.97	0.070 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.52	0.0020	58	430	0.00046 U
PZ-200D	Delineation	3/29/2022	0.00030 U	0.00028	0.030	0.00018 U	0.031	0.00013 U	4.4	3.2	0.00070	0.00011 U	0.806	0.090 I	0.00016 U	0.00098 U	0.00015 U	0.00026 U	6.24	0.00016 U	11	70	0.000092 U
PZ-201D	Delineation	3/28/2022	0.00030 U	0.00041	0.056	0.00018 U	0.021	0.00013 U	5.5	3.0	0.0030	0.00030 I	0.673	0.070 U	0.00016 U	0.0075	0.00015 U	0.00085 I	6.46	0.00016 U	4.6 I	42	0.000092 U
MW-2032/GE-1D	Delineation	3/29/2022	0.00030 U	0.00024 U	0.024	0.00018 U	0.015	0.00013 U	6.9	24	0.00020 U	0.0020	1.84	0.070 U	0.0065	0.0021	0.00015 U	0.00026 U	5.06	0.00016 U	2.6 I	120	0.000092 U
PZ-203D	Delineation	3/28/2022	0.00030 U	0.00070	0.014	0.00018 U	0.019	0.00013 U	1.8	3.1	0.00020 U	0.00041 I	0.085 U	0.070 U	0.00016 U	0.0095	0.00015 U	0.00026 U	5.99	0.00016 U	6.1	30	0.000092 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-200	Downgradient	9/13/2022	0.0015 U	0.0012 U	0.059	0.00092 U	7.2	0.0027	93	180	0.0010 U	0.00069 I	13.4	0.27 I	0.00081 U	0.098 U	0.00038	0.0013 U	4.82	0.016 U	130	600	0.00046 U
MW-201	Downgradient	9/13/2022	0.0015 U	0.0012 U	0.034	0.00092 U	2.7	0.00066 I	82	130	0.0010 U	0.0011 I	4.50	0.14 U	0.00081 U	0.049 U	0.00027	0.0013 U	4.76	0.0082 U	95	530	0.00046 U
MW-202	Upgradient	9/12/2022	0.0015 U	0.0012 U	0.015	0.00092 U	0.013 I	0.00065 U	5.3	10	0.0010 U	0.00064 I	0.620	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	4.89	0.00082 U	12	44	0.00046 U
MW-203	Upgradient	9/13/2022	0.0015 U	0.0012 U	0.016	0.00092 U	0.72	0.00065 U	33	11	0.0010 U	0.00056 U	2.75	0.14 U	0.00081 U	0.049 U	0.00015 U	0.0013 U	5.58	0.0082 U	68	160	0.00046 U
MW-204	Upgradient	9/12/2022	0.0015 U	0.0034	0.024	0.00092 U	4.9	0.00065 U	62	99	0.0010 U	0.0092	9.68	0.20 I	0.0016	0.098 U	0.00015 I	0.0013 U	4.38	0.016 U	280	690	0.00046 U
MW-205	Upgradient	9/12/2022	0.0015 U	0.0012 U	0.040	0.00092 U	1.7	0.00065 U	22	34	0.0010 U	0.0014 I	1.90	0.14 U	0.00081 U	0.049 U	0.00015 U	0.0013 U	4.85	0.0082 U	89	220	0.00046 U
MW-206	Downgradient	9/13/2022	0.0015 U	0.0012 U	0.039	0.00092 U	9.1	0.00065 U	160	300	0.0010 U	0.0014 I	6.19	0.14 U	0.00081 U	0.098 U	0.00015 U	0.0013 U	4.88	0.016 U	160	920	0.00046 U
PZ-200S	Delineation	9/14/2022	0.0015 U	0.0012 U	0.050	0.00092 U	7.5	0.00065 U	140	260	0.0010 U	0.0011 I	8.71	0.14 U, J3	0.00081 U	0.098 U	0.00032	0.0013 U	5.02	0.016 U	130	950	0.00046 U
GSA-2S	Delineation	9/14/2022	0.0015 U	0.0012 U	0.034	0.00092 U	2.2	0.00065 U	56	93	0.0010 U	0.0012 I	7.22	0.14 U J3	0.00081 U	0.049 U	0.00015 U	0.0013 U	4.51	0.0082 U	55	350	0.00046 U
PZ-200D	Delineation	9/13/2022	0.0015 U	0.0012 U	0.029	0.00092 U	0.043 I	0.00065 U	4.9	3.0	0.0010 U	0.00056 U	0.813	0.14 U	0.00081 U	0.0049 U	0.00015 U	0.0013 U	6.50	0.00082 U	12	92	0.00046 U
PZ-201D	Delineation	9/13/2022	0.0015 U	0.0012 U	0.054	0.00092 U	0.033 I	0.00065 U	6.1	2.7	0.0010 U	0.00056 U	1.56	0.14 U	0.00081 U	0.0053	0.00015 U	0.0013 U	6.66	0.00082 U	6.6	44	0.00046 U
MW-2032/GE-1D	Delineation	9/16/2022	0.0015 U	0.0012 U	0.024	0.00092 U	0.048 I	0.00065 U	3.8	19	0.0010 U	0.0020 I	2.10	0.14 U J3	0.00081 U	0.0049 U	0.00027	0.0013 U	4.69	0.00082 U	2.7 I	120	0.00046 U
PZ-203D	Delineation	9/13/2022	0.0015 U	0.0012 U	0.011	0.00092 U	0.030 I	0.00065 U	1.5	3.1	0.0010 U	0.00056 U	0.313 U	0.14 U	0.00081 U	0.0053	0.00015 U	0.0013 U	6.11	0.00082 U	9.8	38	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.
5. "I" indicates that the reported value is between the laboratory method detection limit and laboratory practical quantitation limit.
6. "J3" indicates that the value is estimated and may not be accurate. Spike recovery is outside of criteria.
7. Data validation 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 April 2022 data are included in Appendix A. Data validation reports for September 2022 data will be included in the 2023 annual report.
8. "Total Radium" indicates the combined concentrations of radium-226 and radium-228.

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

Monitoring Well	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	3/21/2022	88.87	14.16
MW-101	577158.45	1107724.27	108.00	3/21/2022	94.05	13.95
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-200	581703.17	1108041.01	20.13	3/21/2022	17.02	3.11
MW-201	581138.29	1108637.91	52.12	3/21/2022	48.30	3.82
MW-202	580559.03	1109045.35	55.45	3/21/2022	51.15	4.30
MW-203	580100.37	1108497.51	50.60	3/21/2022	44.77	5.83
MW-204	580325.06	1107978.45	19.47	3/21/2022	12.83	6.64
MW-205	581076.41	1107907.46	20.28	3/21/2022	15.71	4.57
MW-206	581888.48	1108613.37	29.11	3/21/2022	26.00	3.11
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
PZ-200S	581853.34	1108016.45	8.31	3/21/2022	6.28	2.03
GSA-2S	582073.8	1108707.19	24.00	3/21/2022	21.25	2.75
PZ-201D	581161.53	1108641.12	52.00	3/21/2022	44.69	7.31
GE-1D/MW-2032	581996.86	1108509.35	20.77	3/21/2022	17.14	3.63
PZ-200D	581775.39	1108002.66	12.03	3/21/2022	6.12	5.91
PZ-203D	580127.2	1108145.63	15.44	3/21/2022	7.90	7.54

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

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

Monitoring Well	Northing	Easting	Top of Casing Elevation	Date	Depth to Water	Groundwater Elevation
MW-100	578116.11	1107316.00	103.03	9/7/2022	88.45	14.58
MW-101	577158.45	1107724.27	108.00	9/6/2022	93.58	14.42
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-200	581703.17	1108041.01	20.13	9/6/2022	17.64	2.49
MW-201	581138.29	1108637.91	52.12	9/6/2022	47.89	4.23
MW-202	580559.03	1109045.35	55.45	9/6/2022	50.37	5.08
MW-203	580100.37	1108497.51	50.60	9/6/2022	43.76	6.84
MW-204	580325.06	1107978.45	19.47	9/6/2022	12.11	7.36
MW-205	581076.41	1107907.46	20.28	9/6/2022	15.44	4.84
MW-206	581888.48	1108613.37	29.11	9/6/2022	25.99	3.12
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
PZ-200S	581853.34	1108016.45	8.31	9/6/2022	6.31	2.00
GSA-2S	582073.8	1108707.19	24.00	9/6/2022	21.67	2.33
PZ-201D	581161.53	1108641.12	52.00	9/6/2022	44.35	7.65
GE-1D/MW-2032	581996.86	1108509.35	20.77	9/6/2022	16.10	4.67
PZ-200D	581775.39	1108002.66	12.03	9/6/2022	4.98	7.05
PZ-203D	580127.2	1108145.63	15.44	9/6/2022	7.12	8.32

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 at this location.

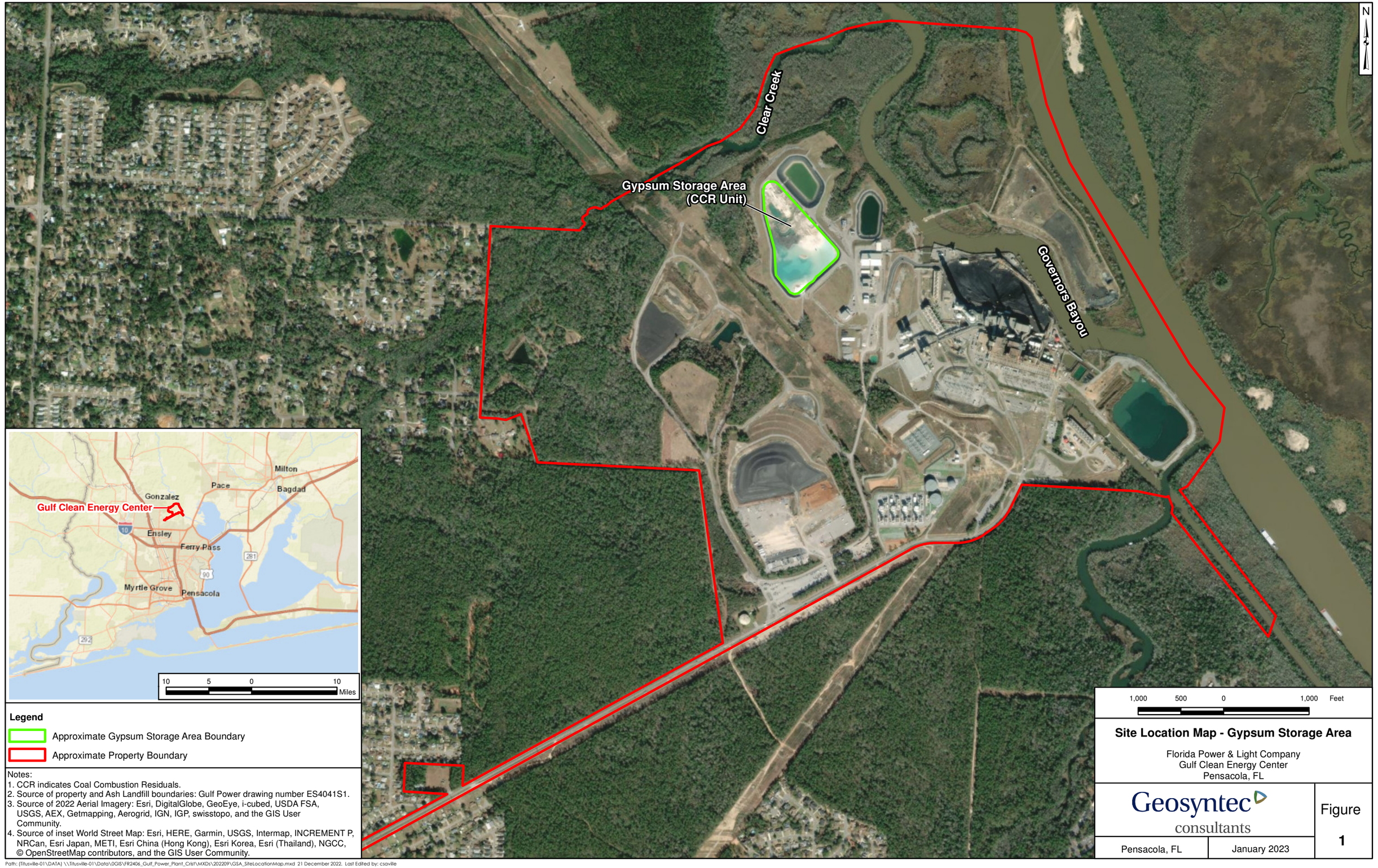
TABLE 5: SUMMARY OF BACKGROUND LIMITS AND GROUNDWATER PROTECTION STANDARDS
Florida Power & Light Company - Gulf Clean Energy Center, Gypsum Storage Area, Pensacola, Florida

Analyte	Units[1]	USEPA CCR Rule Specified Limit[1]	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-226/228[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 Gypsum Storage Area 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 - Gypsum Storage Area

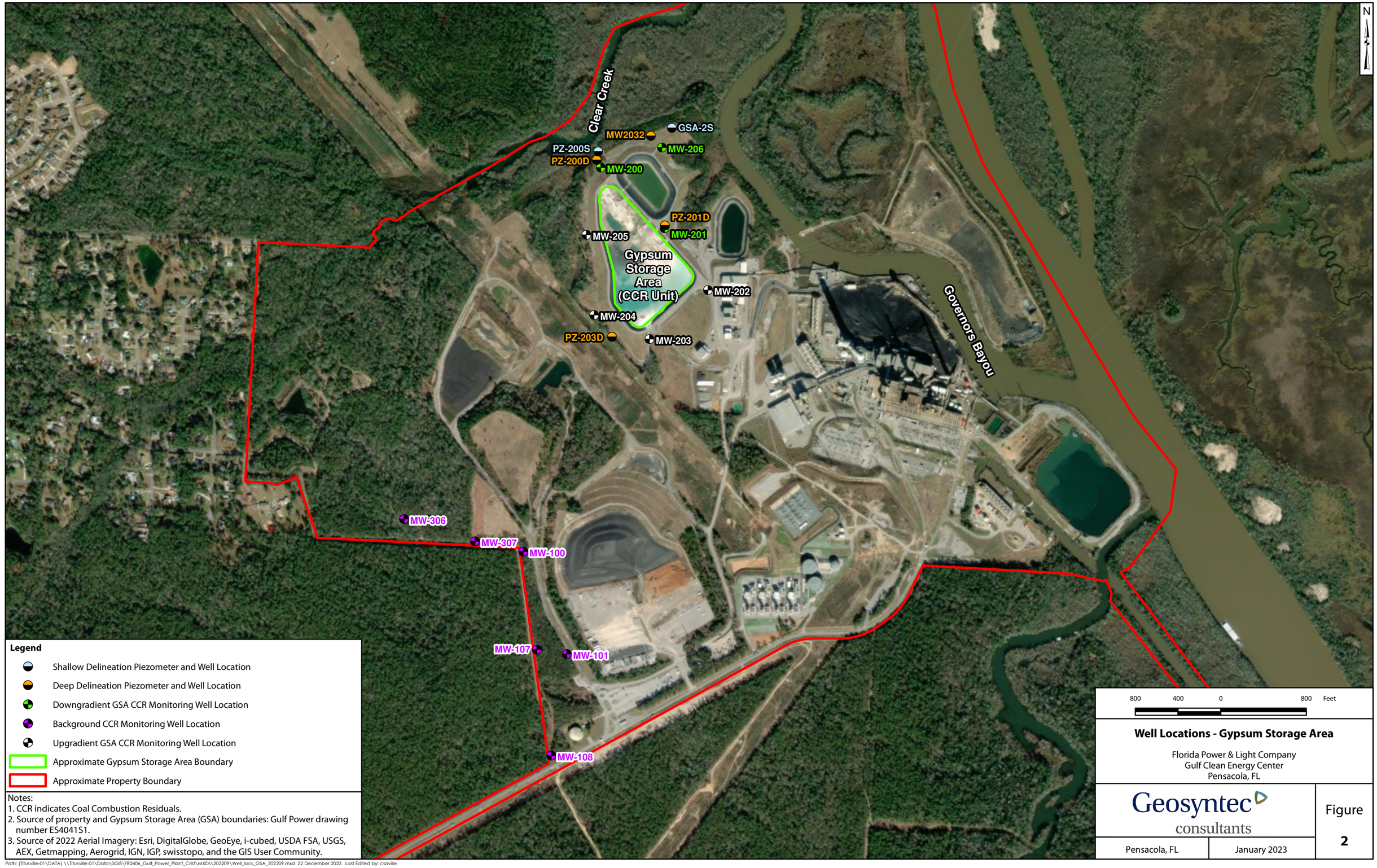
Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2023

Figure 1

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



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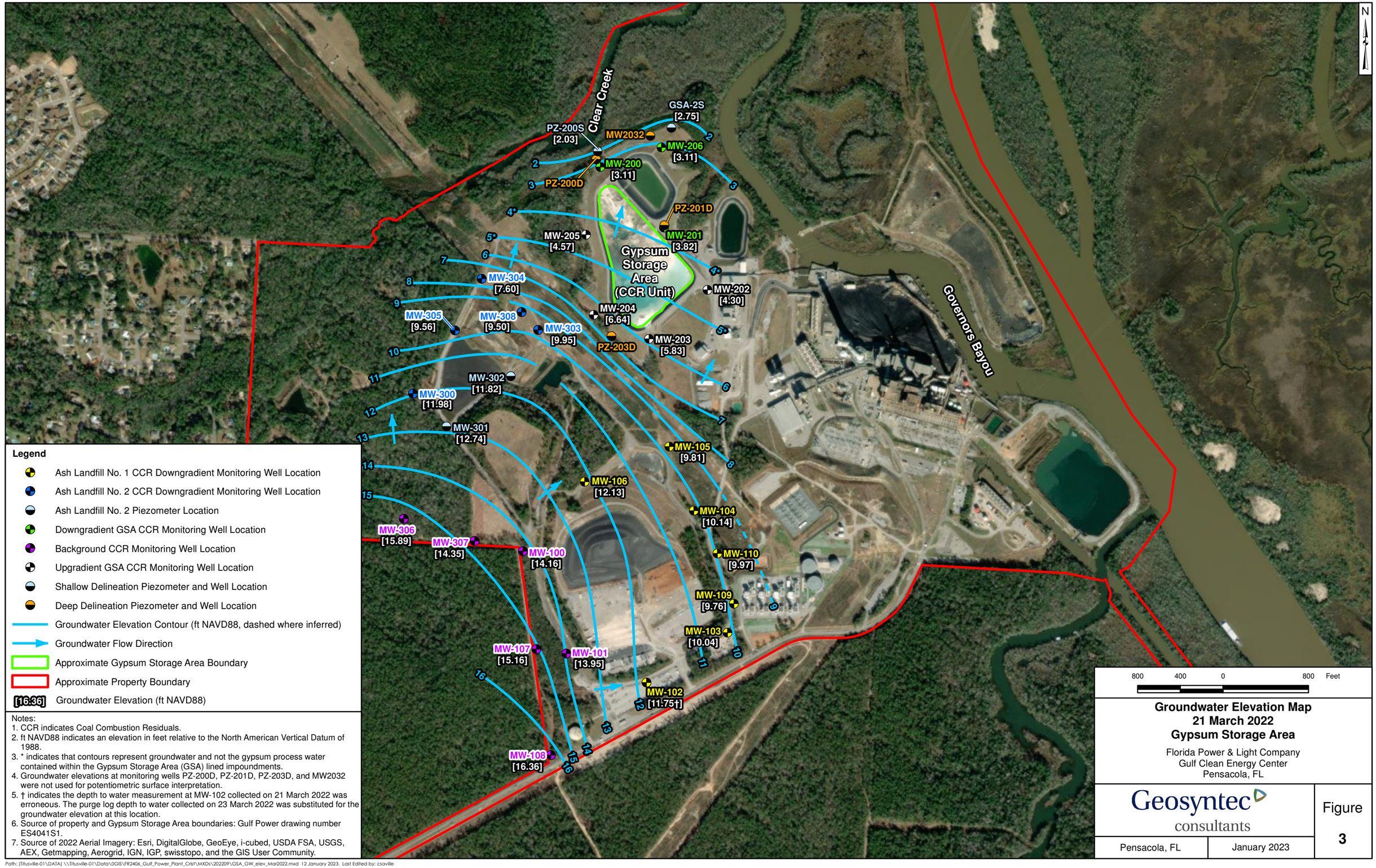


Legend

- 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 Gypsum Storage Area 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.

800 400 0 800 Feet

Groundwater Elevation Map
21 March 2022
Gypsum Storage Area

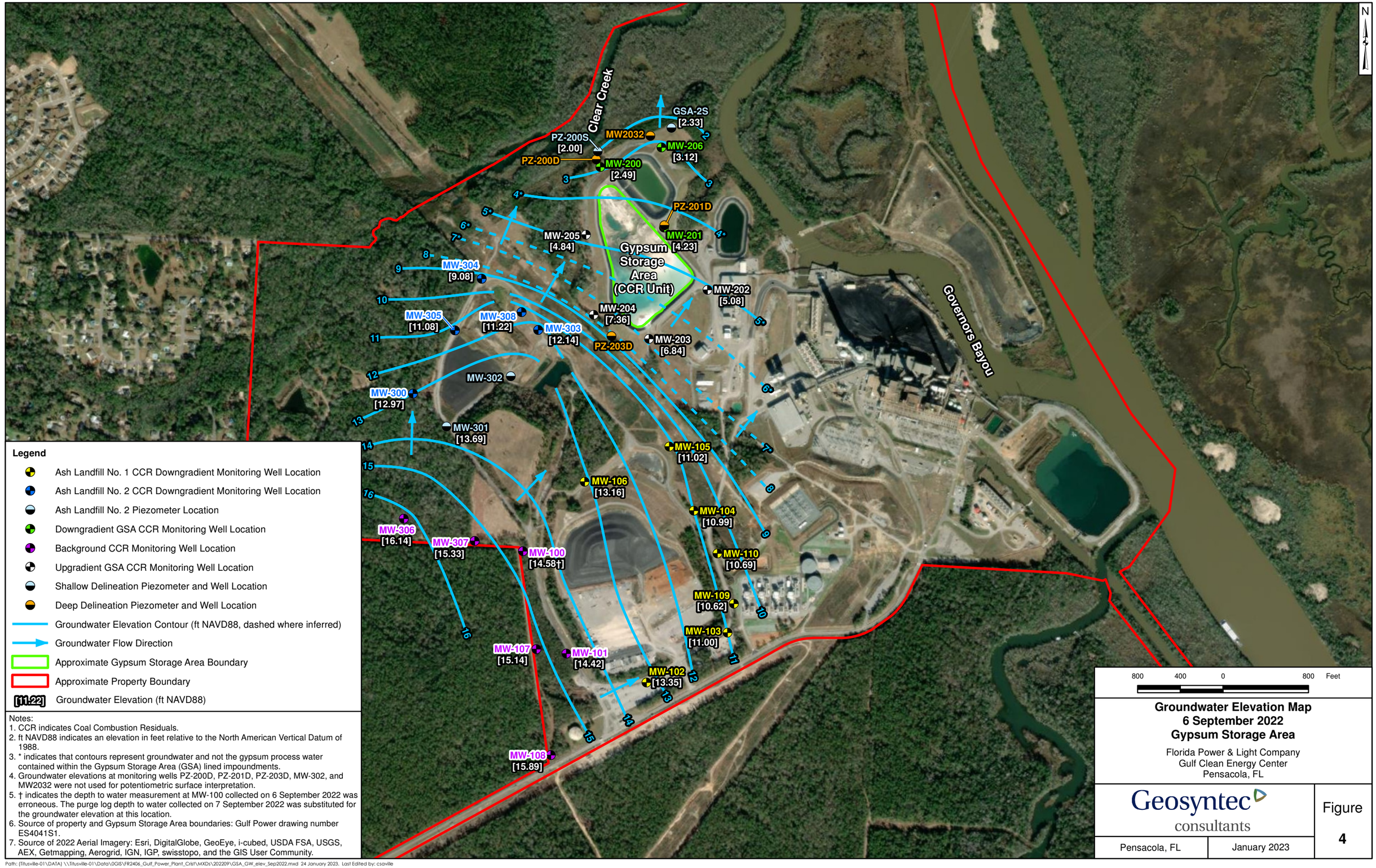
Florida Power & Light Company
Gulf Clean Energy Center
Pensacola, FL

Geosyntec consultants

Pensacola, FL | January 2023

Figure 3

Path: (Tifusville-01\DATA) \\Tifusville-01\Data\0GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202209\GSA_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 Gypsum Storage Area 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
Gypsum Storage Area

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

Geosyntec consultants

Pensacola, FL | January 2023

Figure 4

Path: (Tallahassee-01\DATA) \\Tallahassee-01\Data\GIS\FR2406_Gulf_Power_Plant_Crist\MXDs\202209\GSA_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:

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: 3/25/2022 12:58:56 PM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC MW-200 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 23.5 ft** **Total Depth: 33.5 ft** **Initial Depth to Water: 16.7 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 28.5 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1322. Sunny 75. FB-03@ 1325.

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	
3/25/2022 12:58 PM	00:00	5.47 pH	21.95 °C	417.75 µS/cm	2.52 mg/L	0.97 NTU	148.9 mV	16.76 ft	400.00 ml/min
3/25/2022 1:03 PM	05:00	5.38 pH	20.83 °C	460.44 µS/cm	2.04 mg/L	0.92 NTU	152.4 mV	16.76 ft	400.00 ml/min
3/25/2022 1:08 PM	10:00	5.34 pH	20.92 °C	474.01 µS/cm	1.90 mg/L	0.85 NTU	153.2 mV	16.76 ft	400.00 ml/min
3/25/2022 1:13 PM	15:00	5.33 pH	21.01 °C	482.11 µS/cm	1.82 mg/L	0.83 NTU	153.3 mV	16.76 ft	400.00 ml/min
3/25/2022 1:18 PM	20:00	5.34 pH	21.01 °C	480.83 µS/cm	1.87 mg/L	0.79 NTU	153.5 mV	16.76 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-200	Sample time @ 1322. Sunny 75. FB-03@ 1325.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/25/2022 10:39:09 AM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC MW-201 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 48.12 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 42000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1230. Sunny 70. EB-03@ 1025.

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	
3/25/2022 10:39 AM	00:00	4.91 pH	20.66 °C	758.15 µS/cm	2.26 mg/L	45.50 NTU	188.3 mV	48.18 ft	400.00 ml/min
3/25/2022 10:44 AM	05:00	5.09 pH	22.12 °C	794.12 µS/cm	0.93 mg/L	33.50 NTU	185.9 mV	48.18 ft	400.00 ml/min
3/25/2022 10:49 AM	10:00	5.04 pH	22.26 °C	787.95 µS/cm	0.91 mg/L	29.70 NTU	185.0 mV	48.18 ft	400.00 ml/min
3/25/2022 10:54 AM	15:00	5.01 pH	22.35 °C	783.50 µS/cm	0.92 mg/L	18.40 NTU	183.7 mV	48.18 ft	400.00 ml/min
3/25/2022 10:59 AM	20:00	4.99 pH	22.26 °C	780.66 µS/cm	1.02 mg/L	13.20 NTU	183.5 mV	48.18 ft	400.00 ml/min
3/25/2022 11:04 AM	25:00	4.98 pH	22.40 °C	779.19 µS/cm	1.14 mg/L	10.30 NTU	183.3 mV	48.18 ft	400.00 ml/min
3/25/2022 11:09 AM	30:00	4.99 pH	22.39 °C	779.96 µS/cm	1.18 mg/L	8.94 NTU	183.7 mV	48.18 ft	400.00 ml/min
3/25/2022 11:14 AM	35:00	4.99 pH	22.37 °C	781.23 µS/cm	1.20 mg/L	7.25 NTU	183.7 mV	48.18 ft	400.00 ml/min
3/25/2022 11:19 AM	40:00	4.99 pH	22.41 °C	780.89 µS/cm	1.21 mg/L	6.88 NTU	183.6 mV	48.18 ft	400.00 ml/min
3/25/2022 11:24 AM	45:00	4.98 pH	22.44 °C	778.98 µS/cm	1.25 mg/L	6.14 NTU	183.0 mV	48.18 ft	400.00 ml/min
3/25/2022 11:29 AM	50:00	4.96 pH	22.43 °C	776.98 µS/cm	1.32 mg/L	5.70 NTU	182.4 mV	48.18 ft	400.00 ml/min
3/25/2022 11:34 AM	55:00	4.97 pH	22.73 °C	779.66 µS/cm	1.37 mg/L	4.89 NTU	182.3 mV	48.18 ft	400.00 ml/min
3/25/2022 11:39 AM	01:00:00	4.96 pH	22.83 °C	776.52 µS/cm	1.47 mg/L	4.43 NTU	182.2 mV	48.18 ft	400.00 ml/min
3/25/2022 11:44 AM	01:05:00	4.96 pH	22.79 °C	777.29 µS/cm	1.52 mg/L	4.02 NTU	182.1 mV	48.18 ft	400.00 ml/min
3/25/2022 11:49 AM	01:10:00	4.96 pH	22.75 °C	777.33 µS/cm	1.59 mg/L	3.90 NTU	182.0 mV	48.18 ft	400.00 ml/min

3/25/2022 11:54 AM	01:15:00	4.96 pH	22.77 °C	778.32 µS/cm	1.62 mg/L	3.69 NTU	182.0 mV	48.18 ft	400.00 ml/min
3/25/2022 11:59 AM	01:20:00	4.96 pH	22.88 °C	778.49 µS/cm	1.64 mg/L	2.90 NTU	181.7 mV	48.18 ft	400.00 ml/min
3/25/2022 12:04 PM	01:25:00	4.95 pH	22.88 °C	778.04 µS/cm	1.68 mg/L	2.51 NTU	181.5 mV	48.18 ft	400.00 ml/min
3/25/2022 12:09 PM	01:30:00	4.96 pH	22.91 °C	778.46 µS/cm	1.67 mg/L	2.20 NTU	181.4 mV	48.18 ft	400.00 ml/min
3/25/2022 12:14 PM	01:35:00	4.95 pH	22.91 °C	778.62 µS/cm	1.67 mg/L	2.04 NTU	181.3 mV	48.18 ft	400.00 ml/min
3/25/2022 12:19 PM	01:40:00	4.95 pH	22.89 °C	777.67 µS/cm	1.69 mg/L	1.99 NTU	181.2 mV	48.18 ft	400.00 ml/min
3/25/2022 12:24 PM	01:45:00	4.95 pH	22.89 °C	778.25 µS/cm	1.70 mg/L	1.91 NTU	181.0 mV	48.18 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-201	Sample time @ 1230. Sunny 70. EB-03@ 1025.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/25/2022 8:28:34 AM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC MW-202 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 51.09 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 28000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 0940. Sunny 61.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/25/2022 8:28 AM	00:00	6.43 pH	16.93 °C	163.45 µS/cm	1.62 mg/L	10.60 NTU	104.0 mV	51.15 ft	400.00 ml/min
3/25/2022 8:33 AM	05:00	5.15 pH	18.87 °C	141.86 µS/cm	1.06 mg/L	9.10 NTU	100.1 mV	51.15 ft	400.00 ml/min
3/25/2022 8:38 AM	10:00	5.03 pH	19.23 °C	134.64 µS/cm	0.90 mg/L	7.78 NTU	99.5 mV	51.15 ft	400.00 ml/min
3/25/2022 8:43 AM	15:00	4.99 pH	19.36 °C	126.29 µS/cm	0.95 mg/L	6.09 NTU	99.7 mV	51.15 ft	400.00 ml/min
3/25/2022 8:48 AM	20:00	4.97 pH	19.50 °C	119.58 µS/cm	1.11 mg/L	5.27 NTU	101.1 mV	51.15 ft	400.00 ml/min
3/25/2022 8:53 AM	25:00	4.96 pH	19.63 °C	113.98 µS/cm	1.29 mg/L	4.35 NTU	102.7 mV	51.15 ft	400.00 ml/min
3/25/2022 8:58 AM	30:00	4.94 pH	19.53 °C	109.74 µS/cm	1.43 mg/L	4.12 NTU	104.9 mV	51.15 ft	400.00 ml/min
3/25/2022 9:03 AM	35:00	4.94 pH	19.56 °C	108.08 µS/cm	1.52 mg/L	3.85 NTU	106.6 mV	51.15 ft	400.00 ml/min
3/25/2022 9:08 AM	40:00	4.93 pH	19.62 °C	105.40 µS/cm	1.65 mg/L	3.40 NTU	108.4 mV	51.15 ft	400.00 ml/min
3/25/2022 9:13 AM	45:00	4.93 pH	19.67 °C	103.61 µS/cm	1.72 mg/L	3.02 NTU	109.9 mV	51.15 ft	400.00 ml/min
3/25/2022 9:18 AM	50:00	4.92 pH	19.77 °C	101.79 µS/cm	1.81 mg/L	2.88 NTU	111.9 mV	51.15 ft	400.00 ml/min
3/25/2022 9:23 AM	55:00	4.93 pH	19.85 °C	100.08 µS/cm	1.87 mg/L	2.26 NTU	113.4 mV	51.15 ft	400.00 ml/min
3/25/2022 9:28 AM	01:00:00	4.92 pH	19.85 °C	98.35 µS/cm	1.95 mg/L	1.81 NTU	115.0 mV	51.15 ft	400.00 ml/min
3/25/2022 9:33 AM	01:05:00	4.92 pH	19.99 °C	97.76 µS/cm	1.97 mg/L	1.70 NTU	116.6 mV	51.15 ft	400.00 ml/min
3/25/2022 9:38 AM	01:10:00	4.92 pH	19.85 °C	97.34 µS/cm	1.99 mg/L	1.64 NTU	118.7 mV	51.15 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-202	Sample time @ 0940. Sunny 61.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/25/2022 9:20:34 AM
Project: GCEC MW-203
Operator Name: Brett Surles

Location Name: GCEC MW-203 **Well Diameter: 2 in** **Casing Type: PE** **Screen Length: 10 ft** **Top of Screen: 53 ft** **Total Depth: 63 ft** **Initial Depth to Water: 44.67 ft**	**Pump Type: ESP** **Tubing Type: PE** **Pump Intake From TOC: 58 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:
Sa@0951, DUP -04@1000

Weather Conditions:
Sunny 61

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/25/2022 9:20 AM	00:00	5.92 pH	20.84 °C	327.68 µS/cm	1.45 mg/L	294.00 NTU	85.5 mV	44.80 ft	400.00 ml/min
3/25/2022 9:25 AM	05:00	5.59 pH	23.37 °C	343.53 µS/cm	1.05 mg/L	39.90 NTU	70.3 mV	44.80 ft	400.00 ml/min
3/25/2022 9:30 AM	10:00	5.61 pH	23.61 °C	352.86 µS/cm	1.08 mg/L	19.40 NTU	79.8 mV	44.80 ft	400.00 ml/min
3/25/2022 9:35 AM	15:00	5.56 pH	23.64 °C	359.65 µS/cm	1.07 mg/L	14.30 NTU	78.9 mV	44.80 ft	400.00 ml/min
3/25/2022 9:40 AM	20:00	5.55 pH	23.77 °C	356.64 µS/cm	1.05 mg/L	8.72 NTU	74.3 mV	44.80 ft	400.00 ml/min
3/25/2022 9:45 AM	25:00	5.59 pH	23.68 °C	363.13 µS/cm	1.09 mg/L	8.20 NTU	80.3 mV	44.80 ft	400.00 ml/min
3/25/2022 9:50 AM	30:00	5.56 pH	23.68 °C	359.27 µS/cm	1.07 mg/L	4.86 NTU	81.2 mV	44.80 ft	400.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/25/2022 10:33:32 AM
Project: GCE. MW-204
Operator Name: Brett Surles

Location Name: GCEC MW-204 **Well Diameter: 2 in** **Casing Type: PE** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 12.83 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 8 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: -0.37 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:
Sample@1055

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	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/25/2022 10:33 AM	00:00	4.50 pH	22.49 °C	1,123.0 µS/cm	2.41 mg/L	1.71 NTU	137.2 mV	12.46 ft	400.00 ml/min
3/25/2022 10:38 AM	05:00	4.38 pH	20.68 °C	1,181.3 µS/cm	0.22 mg/L	3.72 NTU	140.8 mV	12.46 ft	400.00 ml/min
3/25/2022 10:43 AM	10:00	4.37 pH	20.73 °C	1,173.2 µS/cm	0.15 mg/L	3.54 NTU	144.6 mV	12.46 ft	400.00 ml/min
3/25/2022 10:48 AM	15:00	4.38 pH	20.79 °C	1,176.9 µS/cm	0.13 mg/L	2.72 NTU	143.1 mV	12.46 ft	400.00 ml/min
3/25/2022 10:53 AM	20:00	4.38 pH	20.82 °C	1,175.6 µS/cm	0.13 mg/L	1.77 NTU	139.2 mV	12.46 ft	400.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/25/2022 7:54:34 AM
Project: GCEC MW-205
Operator Name: Brett Surles

Location Name: GCC MW205 **Well Diameter: 2 in** **Casing Type: PE** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 15.77 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 18 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 800306**

Test Notes:
Sample@0840

Weather Conditions:
Sunny 60

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/25/2022 7:54 AM	00:00	4.90 pH	14.92 °C	95.40 µS/cm	3.07 mg/L	0.76 NTU	150.0 mV	15.79 ft	400.00 ml/min
3/25/2022 7:59 AM	05:00	4.92 pH	18.95 °C	337.95 µS/cm	0.55 mg/L	0.26 NTU	192.9 mV	15.79 ft	400.00 ml/min
3/25/2022 8:04 AM	10:00	4.97 pH	19.35 °C	490.94 µS/cm	0.64 mg/L	0.28 NTU	119.6 mV	15.79 ft	400.00 ml/min
3/25/2022 8:09 AM	15:00	4.97 pH	19.57 °C	540.82 µS/cm	0.68 mg/L	0.21 NTU	112.9 mV	15.79 ft	400.00 ml/min
3/25/2022 8:14 AM	20:00	4.97 pH	19.66 °C	556.00 µS/cm	0.69 mg/L	0.16 NTU	111.2 mV	15.79 ft	400.00 ml/min
3/25/2022 8:19 AM	25:00	4.99 pH	19.74 °C	605.94 µS/cm	0.71 mg/L	0.18 NTU	105.4 mV	15.79 ft	400.00 ml/min
3/25/2022 8:24 AM	30:00	4.98 pH	19.84 °C	573.11 µS/cm	0.71 mg/L	0.20 NTU	102.1 mV	15.79 ft	400.00 ml/min
3/25/2022 8:29 AM	35:00	5.00 pH	19.93 °C	598.34 µS/cm	0.72 mg/L	0.30 NTU	94.4 mV	15.79 ft	400.00 ml/min
3/25/2022 8:34 AM	40:00	4.99 pH	19.98 °C	611.12 µS/cm	0.71 mg/L	0.29 NTU	91.8 mV	15.79 ft	400.00 ml/min
3/25/2022 8:39 AM	45:00	4.99 pH	20.04 °C	610.94 µS/cm	0.71 mg/L	0.29 NTU	92.4 mV	15.79 ft	400.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/25/2022 1:39:07 PM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC MW-206 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 28 ft** **Total Depth: 38 ft** **Initial Depth to Water: 25.64 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 33 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 @ 1410. 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	
3/25/2022 1:39 PM	00:00	5.09 pH	22.88 °C	275.80 µS/cm	2.68 mg/L	1.18 NTU	155.6 mV	25.69 ft	400.00 ml/min
3/25/2022 1:44 PM	05:00	5.03 pH	22.75 °C	274.36 µS/cm	2.56 mg/L	0.86 NTU	166.0 mV	25.69 ft	400.00 ml/min
3/25/2022 1:49 PM	10:00	4.95 pH	22.89 °C	1,163.6 µS/cm	0.54 mg/L	0.72 NTU	202.5 mV	25.69 ft	400.00 ml/min
3/25/2022 1:54 PM	15:00	5.20 pH	22.93 °C	1,408.7 µS/cm	0.29 mg/L	0.60 NTU	197.9 mV	25.69 ft	400.00 ml/min
3/25/2022 1:59 PM	20:00	5.21 pH	23.07 °C	1,423.9 µS/cm	0.25 mg/L	0.53 NTU	196.5 mV	25.69 ft	400.00 ml/min
3/25/2022 2:04 PM	25:00	5.21 pH	23.10 °C	1,424.5 µS/cm	0.24 mg/L	0.46 NTU	195.4 mV	25.69 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-206	Sample time @ 1410. Sunny 75.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/29/2022 2:40:05 PM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC PZ-200S **Well Diameter: 2 in** **Screen Length: 5 ft** **Top of Screen: 28.5 ft** **Total Depth: 33.5 ft** **Initial Depth to Water: 5.8 ft**	**Pump Type: PP** **Tubing Type: PP** **Pump Intake From TOC: 31 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 @ 1510. Sunny 77.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/29/2022 2:40 PM	00:00	4.90 pH	22.72 °C	382.61 µS/cm	1.59 mg/L	0.85 NTU	141.7 mV	5.85 ft	400.00 ml/min
3/29/2022 2:45 PM	05:00	4.81 pH	20.56 °C	431.29 µS/cm	1.61 mg/L	0.62 NTU	145.5 mV	5.85 ft	400.00 ml/min
3/29/2022 2:50 PM	10:00	4.94 pH	20.94 °C	1,243.1 µS/cm	0.88 mg/L	0.68 NTU	168.8 mV	5.85 ft	400.00 ml/min
3/29/2022 2:55 PM	15:00	5.01 pH	21.10 °C	1,350.6 µS/cm	0.74 mg/L	0.70 NTU	169.7 mV	5.85 ft	400.00 ml/min
3/29/2022 3:00 PM	20:00	5.03 pH	21.01 °C	1,401.0 µS/cm	0.69 mg/L	0.69 NTU	170.3 mV	5.85 ft	400.00 ml/min
3/29/2022 3:05 PM	25:00	5.04 pH	21.10 °C	1,412.7 µS/cm	0.68 mg/L	0.71 NTU	170.3 mV	5.85 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-200s	Sample time @ 1510. Sunny 77.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/29/2022 1:05:57 PM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC GSA-2S **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 44.5 ft** **Total Depth: 54.5 ft** **Initial Depth to Water: 21.52 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 49.5 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1325. Sunny 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	+/- 0.2	
3/29/2022 1:05 PM	00:00	4.90 pH	26.41 °C	439.20 µS/cm	2.21 mg/L	1.18 NTU	116.9 mV	21.53 ft	400.00 ml/min
3/29/2022 1:10 PM	05:00	4.55 pH	22.93 °C	479.45 µS/cm	1.63 mg/L	1.39 NTU	118.1 mV	21.53 ft	400.00 ml/min
3/29/2022 1:15 PM	10:00	4.53 pH	22.82 °C	489.55 µS/cm	1.56 mg/L	1.50 NTU	122.0 mV	21.53 ft	400.00 ml/min
3/29/2022 1:20 PM	15:00	4.52 pH	22.89 °C	483.87 µS/cm	1.55 mg/L	1.62 NTU	124.9 mV	21.53 ft	400.00 ml/min

Samples

Sample ID:	Description:
GSA-2S	Sample time @ 1325. Sunny 76.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/28/2022 11:39:42 AM
Project: GCEC delineation
Operator Name: Philip Evans

Location Name: GCEC PZ-201D **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 178.2 ft** **Total Depth: 188.2 ft** **Initial Depth to Water: 44.6 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 183.2 ft** **Estimated Total Volume Pumped: 100000 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 @ 1600. Sunny 78. DUP-01@ fake time 1500. Note: tubing fell out of flow cell at 1253, temporarily changed readings.

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	
3/28/2022 11:39 AM	00:00	6.19 pH	23.88 °C	99.07 µS/cm	0.46 mg/L	7.24 NTU	33.0 mV	44.68 ft	400.00 ml/min
3/28/2022 11:44 AM	05:00	6.22 pH	23.69 °C	98.81 µS/cm	0.49 mg/L	6.16 NTU	21.1 mV	44.68 ft	400.00 ml/min
3/28/2022 11:49 AM	10:00	6.24 pH	23.78 °C	98.90 µS/cm	0.48 mg/L	4.89 NTU	11.4 mV	44.68 ft	400.00 ml/min
3/28/2022 11:54 AM	15:00	6.27 pH	23.92 °C	98.89 µS/cm	0.44 mg/L	8.90 NTU	2.1 mV	44.68 ft	400.00 ml/min
3/28/2022 11:59 AM	20:00	6.29 pH	23.97 °C	99.35 µS/cm	0.40 mg/L	11.20 NTU	-6.1 mV	44.68 ft	400.00 ml/min
3/28/2022 12:04 PM	25:00	6.30 pH	24.01 °C	98.72 µS/cm	0.37 mg/L	14.00 NTU	-14.0 mV	44.68 ft	400.00 ml/min
3/28/2022 12:09 PM	30:00	6.32 pH	24.09 °C	98.09 µS/cm	0.35 mg/L	20.10 NTU	-21.5 mV	44.68 ft	400.00 ml/min
3/28/2022 12:14 PM	35:00	6.34 pH	24.25 °C	96.90 µS/cm	0.34 mg/L	23.70 NTU	-28.6 mV	44.68 ft	400.00 ml/min
3/28/2022 12:19 PM	40:00	6.34 pH	24.28 °C	93.13 µS/cm	0.32 mg/L	27.00 NTU	-34.9 mV	44.68 ft	400.00 ml/min
3/28/2022 12:24 PM	45:00	6.35 pH	24.25 °C	87.47 µS/cm	0.31 mg/L	34.50 NTU	-40.8 mV	44.68 ft	400.00 ml/min
3/28/2022 12:29 PM	50:00	6.35 pH	24.29 °C	84.82 µS/cm	0.31 mg/L	39.60 NTU	-44.8 mV	44.68 ft	400.00 ml/min
3/28/2022 12:34 PM	55:00	6.35 pH	24.43 °C	83.28 µS/cm	0.30 mg/L	43.30 NTU	-46.5 mV	44.68 ft	400.00 ml/min
3/28/2022 12:39 PM	01:00:00	6.36 pH	24.41 °C	82.68 µS/cm	0.29 mg/L	42.90 NTU	-47.9 mV	44.68 ft	400.00 ml/min
3/28/2022 12:44 PM	01:05:00	6.36 pH	24.44 °C	81.58 µS/cm	0.29 mg/L	36.80 NTU	-48.5 mV	44.68 ft	400.00 ml/min
3/28/2022 12:49 PM	01:10:00	6.37 pH	24.55 °C	81.83 µS/cm	0.29 mg/L	32.40 NTU	-48.7 mV	44.68 ft	400.00 ml/min

3/28/2022 12:54 PM	01:15:00	6.44 pH	25.16 °C	82.43 µS/cm	1.40 mg/L	29.50 NTU	-45.1 mV	44.68 ft	400.00 ml/min
3/28/2022 12:59 PM	01:20:00	6.38 pH	24.42 °C	82.14 µS/cm	0.26 mg/L	27.40 NTU	-45.0 mV	44.68 ft	400.00 ml/min
3/28/2022 1:04 PM	01:25:00	6.38 pH	24.48 °C	82.06 µS/cm	0.24 mg/L	25.90 NTU	-45.8 mV	44.68 ft	400.00 ml/min
3/28/2022 1:09 PM	01:30:00	6.38 pH	24.67 °C	82.46 µS/cm	0.24 mg/L	23.20 NTU	-46.5 mV	44.68 ft	400.00 ml/min
3/28/2022 1:14 PM	01:35:00	6.39 pH	24.66 °C	82.62 µS/cm	0.23 mg/L	22.70 NTU	-47.4 mV	44.68 ft	400.00 ml/min
3/28/2022 1:19 PM	01:40:00	6.39 pH	24.64 °C	82.29 µS/cm	0.23 mg/L	19.50 NTU	-47.2 mV	44.68 ft	400.00 ml/min
3/28/2022 1:24 PM	01:45:00	6.39 pH	24.57 °C	82.16 µS/cm	0.22 mg/L	17.70 NTU	-47.8 mV	44.68 ft	400.00 ml/min
3/28/2022 1:29 PM	01:50:00	6.39 pH	24.73 °C	82.08 µS/cm	0.22 mg/L	16.30 NTU	-47.7 mV	44.68 ft	400.00 ml/min
3/28/2022 1:34 PM	01:55:00	6.40 pH	24.72 °C	81.99 µS/cm	0.22 mg/L	15.20 NTU	-48.3 mV	44.68 ft	400.00 ml/min
3/28/2022 1:39 PM	02:00:00	6.42 pH	24.73 °C	81.96 µS/cm	0.22 mg/L	13.70 NTU	-48.6 mV	44.68 ft	400.00 ml/min
3/28/2022 1:44 PM	02:05:00	6.41 pH	24.78 °C	82.15 µS/cm	0.22 mg/L	12.50 NTU	-48.6 mV	44.68 ft	400.00 ml/min
3/28/2022 1:49 PM	02:10:00	6.42 pH	24.72 °C	82.41 µS/cm	0.22 mg/L	11.90 NTU	-48.8 mV	44.68 ft	400.00 ml/min
3/28/2022 1:54 PM	02:15:00	6.42 pH	24.92 °C	82.57 µS/cm	0.22 mg/L	10.60 NTU	-49.2 mV	44.68 ft	400.00 ml/min
3/28/2022 1:59 PM	02:20:00	6.42 pH	24.95 °C	82.51 µS/cm	0.21 mg/L	10.20 NTU	-48.9 mV	44.68 ft	400.00 ml/min
3/28/2022 2:04 PM	02:25:00	6.43 pH	24.91 °C	82.53 µS/cm	0.21 mg/L	9.77 NTU	-49.2 mV	44.68 ft	400.00 ml/min
3/28/2022 2:09 PM	02:30:00	6.43 pH	24.89 °C	82.24 µS/cm	0.21 mg/L	9.38 NTU	-49.2 mV	44.68 ft	400.00 ml/min
3/28/2022 2:14 PM	02:35:00	6.43 pH	24.82 °C	82.65 µS/cm	0.20 mg/L	8.84 NTU	-49.3 mV	44.68 ft	400.00 ml/min
3/28/2022 2:19 PM	02:40:00	6.43 pH	24.88 °C	82.43 µS/cm	0.20 mg/L	8.20 NTU	-49.3 mV	44.68 ft	400.00 ml/min
3/28/2022 2:24 PM	02:45:00	6.43 pH	24.85 °C	82.26 µS/cm	0.19 mg/L	7.96 NTU	-49.0 mV	44.68 ft	400.00 ml/min
3/28/2022 2:29 PM	02:50:00	6.43 pH	24.91 °C	82.50 µS/cm	0.20 mg/L	7.79 NTU	-49.4 mV	44.68 ft	400.00 ml/min
3/28/2022 2:34 PM	02:55:00	6.44 pH	24.96 °C	82.47 µS/cm	0.20 mg/L	7.51 NTU	-49.5 mV	44.68 ft	400.00 ml/min
3/28/2022 2:39 PM	03:00:00	6.44 pH	24.97 °C	82.75 µS/cm	0.20 mg/L	7.22 NTU	-49.7 mV	44.68 ft	400.00 ml/min
3/28/2022 2:44 PM	03:05:00	6.44 pH	24.95 °C	82.05 µS/cm	0.19 mg/L	6.69 NTU	-49.4 mV	44.68 ft	400.00 ml/min
3/28/2022 2:49 PM	03:10:00	6.44 pH	24.87 °C	82.22 µS/cm	0.19 mg/L	6.20 NTU	-49.2 mV	44.68 ft	400.00 ml/min
3/28/2022 2:54 PM	03:15:00	6.45 pH	24.91 °C	82.38 µS/cm	0.19 mg/L	6.03 NTU	-49.6 mV	44.68 ft	400.00 ml/min
3/28/2022 2:59 PM	03:20:00	6.46 pH	24.91 °C	81.96 µS/cm	0.19 mg/L	5.85 NTU	-49.6 mV	44.68 ft	400.00 ml/min
3/28/2022 3:04 PM	03:25:00	6.46 pH	24.86 °C	82.19 µS/cm	0.19 mg/L	5.30 NTU	-49.5 mV	44.68 ft	400.00 ml/min
3/28/2022 3:09 PM	03:30:00	6.46 pH	24.89 °C	81.96 µS/cm	0.19 mg/L	5.11 NTU	-49.4 mV	44.68 ft	400.00 ml/min
3/28/2022 3:14 PM	03:35:00	6.45 pH	24.87 °C	82.20 µS/cm	0.19 mg/L	4.98 NTU	-49.1 mV	44.68 ft	400.00 ml/min

3/28/2022 3:19 PM	03:40:00	6.46 pH	24.71 °C	81.89 µS/cm	0.19 mg/L	4.76 NTU	-49.4 mV	44.68 ft	400.00 ml/min
3/28/2022 3:24 PM	03:45:00	6.46 pH	24.78 °C	81.88 µS/cm	0.19 mg/L	4.62 NTU	-49.2 mV	44.68 ft	400.00 ml/min
3/28/2022 3:29 PM	03:50:00	6.46 pH	24.73 °C	81.96 µS/cm	0.18 mg/L	4.44 NTU	-49.0 mV	44.68 ft	400.00 ml/min
3/28/2022 3:34 PM	03:55:00	6.46 pH	24.78 °C	82.15 µS/cm	0.19 mg/L	4.34 NTU	-48.9 mV	44.68 ft	400.00 ml/min
3/28/2022 3:39 PM	04:00:00	6.47 pH	24.73 °C	81.48 µS/cm	0.19 mg/L	4.31 NTU	-49.2 mV	44.68 ft	400.00 ml/min
3/28/2022 3:44 PM	04:05:00	6.47 pH	24.69 °C	81.92 µS/cm	0.19 mg/L	4.29 NTU	-49.0 mV	44.68 ft	400.00 ml/min
3/28/2022 3:49 PM	04:10:00	6.46 pH	24.66 °C	81.72 µS/cm	0.18 mg/L	4.27 NTU	-48.4 mV	44.68 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-201D	Sample time @ 1600. Sunny 78. DUP-01@ fake time 1500. Note: tubing fell out of flow cell at 1253, temporarily changed readings.

Low-Flow Test Report:

Test Date / Time: 3/29/2022 11:09:19 AM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC MW2032 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 92.5 ft** **Total Depth: 102.5 ft** **Initial Depth to Water: 16.97 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 97.5 ft** **Estimated Total Volume Pumped: 32000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 1.23 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1230. Sunny 75. DUP-02@ fake time 1130.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.2	
3/29/2022 11:09 AM	00:00	6.19 pH	23.07 °C	720.05 µS/cm	2.86 mg/L	2.49 NTU	38.3 mV	18.12 ft	400.00 ml/min
3/29/2022 11:14 AM	05:00	6.40 pH	22.57 °C	740.94 µS/cm	2.29 mg/L	2.38 NTU	35.6 mV	18.14 ft	400.00 ml/min
3/29/2022 11:19 AM	10:00	6.49 pH	22.53 °C	689.96 µS/cm	2.16 mg/L	2.30 NTU	36.0 mV	18.17 ft	400.00 ml/min
3/29/2022 11:24 AM	15:00	6.50 pH	22.62 °C	569.58 µS/cm	2.16 mg/L	2.21 NTU	36.9 mV	18.18 ft	400.00 ml/min
3/29/2022 11:29 AM	20:00	6.46 pH	22.62 °C	438.32 µS/cm	2.36 mg/L	2.07 NTU	38.6 mV	18.18 ft	400.00 ml/min
3/29/2022 11:34 AM	25:00	6.33 pH	22.63 °C	273.03 µS/cm	2.66 mg/L	1.90 NTU	42.3 mV	18.18 ft	400.00 ml/min
3/29/2022 11:39 AM	30:00	6.11 pH	22.66 °C	246.30 µS/cm	2.73 mg/L	1.77 NTU	47.2 mV	18.20 ft	400.00 ml/min
3/29/2022 11:44 AM	35:00	5.92 pH	22.59 °C	183.33 µS/cm	2.87 mg/L	1.64 NTU	54.1 mV	18.20 ft	400.00 ml/min
3/29/2022 11:49 AM	40:00	5.73 pH	22.62 °C	168.92 µS/cm	2.95 mg/L	1.59 NTU	60.4 mV	18.20 ft	400.00 ml/min
3/29/2022 11:54 AM	45:00	5.66 pH	22.71 °C	131.21 µS/cm	3.03 mg/L	1.51 NTU	66.2 mV	18.20 ft	400.00 ml/min
3/29/2022 11:59 AM	50:00	5.43 pH	22.66 °C	121.51 µS/cm	3.10 mg/L	1.40 NTU	74.4 mV	18.20 ft	400.00 ml/min
3/29/2022 12:04 PM	55:00	5.32 pH	22.68 °C	115.33 µS/cm	3.18 mg/L	1.23 NTU	80.8 mV	18.20 ft	400.00 ml/min
3/29/2022 12:09 PM	01:00:00	5.25 pH	22.71 °C	115.09 µS/cm	3.19 mg/L	1.15 NTU	86.4 mV	18.20 ft	400.00 ml/min
3/29/2022 12:14 PM	01:05:00	5.23 pH	22.73 °C	132.85 µS/cm	3.18 mg/L	1.09 NTU	91.3 mV	18.20 ft	400.00 ml/min
3/29/2022 12:19 PM	01:10:00	5.07 pH	22.59 °C	104.14 µS/cm	3.28 mg/L	0.97 NTU	96.8 mV	18.20 ft	400.00 ml/min

3/29/2022 12:24 PM	01:15:00	5.04 pH	22.73 °C	107.54 µS/cm	3.27 mg/L	0.92 NTU	100.3 mV	18.20 ft	400.00 ml/min
3/29/2022 12:29 PM	01:20:00	5.06 pH	22.71 °C	108.97 µS/cm	3.29 mg/L	0.89 NTU	103.0 mV	18.20 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW2032	Sample time @ 1230. Sunny 75. DUP-02@ fake time 1130.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/29/2022 8:32:17 AM
Project: GCEC CCR delineation
Operator Name: Philip Evans

Location Name: GCEC PZ-200D **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 141.5 ft** **Total Depth: 151.5 ft** **Initial Depth to Water: 6.03 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 146.5 ft** **Estimated Total Volume Pumped: 48000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1035. Pc 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	
3/29/2022 8:32 AM	00:00	7.23 pH	19.32 °C	103.50 µS/cm	0.49 mg/L	4.29 NTU	109.9 mV	6.04 ft	400.00 ml/min
3/29/2022 8:37 AM	05:00	6.41 pH	20.07 °C	96.02 µS/cm	0.25 mg/L	5.80 NTU	97.3 mV	6.04 ft	400.00 ml/min
3/29/2022 8:42 AM	10:00	6.16 pH	20.16 °C	95.69 µS/cm	0.20 mg/L	6.44 NTU	90.9 mV	6.04 ft	400.00 ml/min
3/29/2022 8:47 AM	15:00	6.10 pH	20.21 °C	95.99 µS/cm	0.20 mg/L	7.68 NTU	86.6 mV	6.04 ft	400.00 ml/min
3/29/2022 8:52 AM	20:00	6.10 pH	20.26 °C	95.93 µS/cm	0.18 mg/L	7.71 NTU	82.3 mV	6.04 ft	400.00 ml/min
3/29/2022 8:57 AM	25:00	6.12 pH	20.30 °C	95.76 µS/cm	0.18 mg/L	7.56 NTU	79.5 mV	6.04 ft	400.00 ml/min
3/29/2022 9:02 AM	30:00	6.12 pH	20.34 °C	95.83 µS/cm	0.16 mg/L	7.42 NTU	76.8 mV	6.04 ft	400.00 ml/min
3/29/2022 9:07 AM	35:00	6.14 pH	20.37 °C	95.82 µS/cm	0.16 mg/L	7.28 NTU	74.3 mV	6.04 ft	400.00 ml/min
3/29/2022 9:12 AM	40:00	6.13 pH	20.39 °C	95.95 µS/cm	0.15 mg/L	7.13 NTU	72.5 mV	6.04 ft	400.00 ml/min
3/29/2022 9:17 AM	45:00	6.17 pH	20.39 °C	95.75 µS/cm	0.16 mg/L	7.01 NTU	69.2 mV	6.04 ft	400.00 ml/min
3/29/2022 9:22 AM	50:00	6.16 pH	20.43 °C	95.74 µS/cm	0.14 mg/L	7.09 NTU	68.1 mV	6.04 ft	400.00 ml/min
3/29/2022 9:27 AM	55:00	6.19 pH	20.47 °C	95.60 µS/cm	0.14 mg/L	7.19 NTU	65.9 mV	6.04 ft	400.00 ml/min
3/29/2022 9:32 AM	01:00:00	6.19 pH	20.52 °C	95.56 µS/cm	0.14 mg/L	7.14 NTU	64.2 mV	6.04 ft	400.00 ml/min
3/29/2022 9:37 AM	01:05:00	6.19 pH	20.52 °C	95.62 µS/cm	0.13 mg/L	7.05 NTU	62.9 mV	6.04 ft	400.00 ml/min
3/29/2022 9:42 AM	01:10:00	6.21 pH	20.55 °C	95.64 µS/cm	0.13 mg/L	6.92 NTU	61.2 mV	6.04 ft	400.00 ml/min

3/29/2022 9:47 AM	01:15:00	6.21 pH	20.57 °C	95.52 µS/cm	0.13 mg/L	6.88 NTU	60.1 mV	6.04 ft	400.00 ml/min
3/29/2022 9:52 AM	01:20:00	6.20 pH	20.60 °C	95.52 µS/cm	0.13 mg/L	6.70 NTU	59.3 mV	6.04 ft	400.00 ml/min
3/29/2022 9:57 AM	01:25:00	6.22 pH	20.62 °C	95.48 µS/cm	0.13 mg/L	6.61 NTU	57.1 mV	6.04 ft	400.00 ml/min
3/29/2022 10:02 AM	01:30:00	6.23 pH	20.65 °C	95.38 µS/cm	0.13 mg/L	6.49 NTU	55.8 mV	6.04 ft	400.00 ml/min
3/29/2022 10:07 AM	01:35:00	6.23 pH	20.57 °C	95.29 µS/cm	0.13 mg/L	6.48 NTU	54.9 mV	6.04 ft	400.00 ml/min
3/29/2022 10:12 AM	01:40:00	6.24 pH	20.60 °C	95.42 µS/cm	0.12 mg/L	6.44 NTU	53.7 mV	6.04 ft	400.00 ml/min
3/29/2022 10:17 AM	01:45:00	6.24 pH	20.65 °C	95.41 µS/cm	0.12 mg/L	6.45 NTU	53.4 mV	6.04 ft	400.00 ml/min
3/29/2022 10:22 AM	01:50:00	6.25 pH	20.65 °C	95.31 µS/cm	0.12 mg/L	6.40 NTU	51.7 mV	6.04 ft	400.00 ml/min
3/29/2022 10:27 AM	01:55:00	6.25 pH	20.65 °C	95.29 µS/cm	0.12 mg/L	6.39 NTU	50.6 mV	6.04 ft	400.00 ml/min
3/29/2022 10:32 AM	02:00:00	6.24 pH	20.67 °C	95.35 µS/cm	0.12 mg/L	6.40 NTU	50.0 mV	6.04 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-200D	Sample time @ 1035. Pc 70.

Low-Flow Test Report:

Test Date / Time: 3/28/2022 8:31:12 AM
Project: GCEC CCR
Operator Name: Philip Evans

Location Name: GCEC PZ-203D **Well Diameter: 2 in** **Screen Length: 5 ft** **Top of Screen: 197.3 ft** **Total Depth: 202.3 ft** **Initial Depth to Water: 7.78 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 199.8 ft** **Estimated Total Volume Pumped: 56000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.17 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 817728**

Test Notes:
Sample time @ 1100. 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	+/- 10	+/- 0.2	
3/28/2022 8:31 AM	00:00	5.32 pH	19.27 °C	99.35 µS/cm	1.49 mg/L	8.10 NTU	129.4 mV	7.95 ft	400.00 ml/min
3/28/2022 8:36 AM	05:00	5.71 pH	20.59 °C	73.42 µS/cm	0.39 mg/L	6.24 NTU	101.2 mV	7.95 ft	400.00 ml/min
3/28/2022 8:41 AM	10:00	5.76 pH	20.74 °C	64.06 µS/cm	0.30 mg/L	5.88 NTU	86.6 mV	7.95 ft	400.00 ml/min
3/28/2022 8:46 AM	15:00	5.77 pH	20.74 °C	60.34 µS/cm	0.26 mg/L	6.08 NTU	76.2 mV	7.95 ft	400.00 ml/min
3/28/2022 8:51 AM	20:00	5.79 pH	20.84 °C	57.91 µS/cm	0.26 mg/L	6.92 NTU	70.4 mV	7.95 ft	400.00 ml/min
3/28/2022 8:56 AM	25:00	5.82 pH	20.92 °C	58.28 µS/cm	0.26 mg/L	7.26 NTU	65.2 mV	7.95 ft	400.00 ml/min
3/28/2022 9:01 AM	30:00	5.84 pH	20.91 °C	59.01 µS/cm	0.27 mg/L	7.45 NTU	62.3 mV	7.95 ft	400.00 ml/min
3/28/2022 9:06 AM	35:00	5.86 pH	20.98 °C	56.67 µS/cm	0.29 mg/L	7.89 NTU	57.2 mV	7.95 ft	400.00 ml/min
3/28/2022 9:11 AM	40:00	5.86 pH	20.96 °C	58.58 µS/cm	0.29 mg/L	7.97 NTU	57.6 mV	7.95 ft	400.00 ml/min
3/28/2022 9:16 AM	45:00	5.88 pH	21.01 °C	57.25 µS/cm	0.31 mg/L	8.08 NTU	53.7 mV	7.95 ft	400.00 ml/min
3/28/2022 9:21 AM	50:00	5.89 pH	21.05 °C	57.26 µS/cm	0.33 mg/L	7.82 NTU	51.8 mV	7.95 ft	400.00 ml/min
3/28/2022 9:26 AM	55:00	5.91 pH	21.08 °C	57.14 µS/cm	0.34 mg/L	7.69 NTU	49.9 mV	7.95 ft	400.00 ml/min
3/28/2022 9:31 AM	01:00:00	5.90 pH	21.11 °C	56.42 µS/cm	0.36 mg/L	7.53 NTU	48.7 mV	7.95 ft	400.00 ml/min
3/28/2022 9:36 AM	01:05:00	5.93 pH	21.14 °C	55.51 µS/cm	0.37 mg/L	7.28 NTU	45.0 mV	7.95 ft	400.00 ml/min
3/28/2022 9:41 AM	01:10:00	5.93 pH	21.17 °C	56.03 µS/cm	0.33 mg/L	7.11 NTU	43.6 mV	7.95 ft	400.00 ml/min

3/28/2022 9:46 AM	01:15:00	5.94 pH	21.19 °C	55.43 µS/cm	0.38 mg/L	6.93 NTU	42.7 mV	7.95 ft	400.00 ml/min
3/28/2022 9:51 AM	01:20:00	5.95 pH	21.22 °C	54.44 µS/cm	0.39 mg/L	6.96 NTU	39.5 mV	7.95 ft	400.00 ml/min
3/28/2022 9:56 AM	01:25:00	5.95 pH	21.25 °C	53.52 µS/cm	0.39 mg/L	7.04 NTU	38.5 mV	7.95 ft	400.00 ml/min
3/28/2022 10:01 AM	01:30:00	5.96 pH	21.28 °C	54.16 µS/cm	0.40 mg/L	7.05 NTU	37.4 mV	7.95 ft	400.00 ml/min
3/28/2022 10:06 AM	01:35:00	5.95 pH	21.36 °C	53.98 µS/cm	0.39 mg/L	7.14 NTU	35.8 mV	7.95 ft	400.00 ml/min
3/28/2022 10:11 AM	01:40:00	5.96 pH	21.36 °C	55.03 µS/cm	0.40 mg/L	7.10 NTU	36.6 mV	7.95 ft	400.00 ml/min
3/28/2022 10:16 AM	01:45:00	5.97 pH	21.34 °C	53.35 µS/cm	0.40 mg/L	7.12 NTU	33.5 mV	7.95 ft	400.00 ml/min
3/28/2022 10:21 AM	01:50:00	5.97 pH	21.39 °C	53.12 µS/cm	0.40 mg/L	7.10 NTU	32.7 mV	7.95 ft	400.00 ml/min
3/28/2022 10:26 AM	01:55:00	5.97 pH	21.41 °C	53.36 µS/cm	0.40 mg/L	7.12 NTU	32.0 mV	7.95 ft	400.00 ml/min
3/28/2022 10:31 AM	02:00:00	5.98 pH	21.46 °C	53.70 µS/cm	0.40 mg/L	7.17 NTU	31.5 mV	7.95 ft	400.00 ml/min
3/28/2022 10:36 AM	02:05:00	5.99 pH	21.47 °C	54.29 µS/cm	0.40 mg/L	7.21 NTU	31.2 mV	7.95 ft	400.00 ml/min
3/28/2022 10:41 AM	02:10:00	5.99 pH	21.48 °C	53.31 µS/cm	0.41 mg/L	7.25 NTU	29.2 mV	7.95 ft	400.00 ml/min
3/28/2022 10:46 AM	02:15:00	6.00 pH	21.48 °C	51.46 µS/cm	0.41 mg/L	7.28 NTU	26.9 mV	7.95 ft	400.00 ml/min
3/28/2022 10:51 AM	02:20:00	5.99 pH	21.54 °C	52.74 µS/cm	0.41 mg/L	7.27 NTU	27.2 mV	7.95 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-203D	Sample time @ 1100. Sunny 71.

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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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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: 400-217387-1

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.

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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 Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-1
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

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 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 Sample Results

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 Results

Client: Gulf Power Company
Project/Site: CCR GCEC

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

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: Gulf Power Company
Project/Site: CCR GCEC

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

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

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

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

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
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: 400-217387-1
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 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
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 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
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 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
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 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										500ml (None) - 0422101G
MW-107		1016		Water										250ml (HNO3) - 0000280251
MW-108		0817		Water										
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: Kathy R Avery	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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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: 400-217387-2

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 Results

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

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 Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-2
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: 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 Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217387-2
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: 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-226	0.1116	U	0.194	0.194	1.00	0.337	pCi/L	03/29/22 16:06	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-226			11.3	10.43		1.32	1.00	0.257	pCi/L	92	75 - 125		

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-226			11.3	10.11		1.30	1.00	0.268	pCi/L	89	75 - 125	0.12	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	0.1585	U	0.233	0.233	1.00	0.390	pCi/L	03/29/22 16:28	04/26/22 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			8.67	11.36		1.29	1.00	0.440	pCi/L	131	75 - 125		

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			8.67	11.12		1.27	1.00	0.419	pCi/L	128	75 - 125	0.09	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

eurofins | Environment Testing America

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 (Y or N)	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										500ml (None) - 0422101G
MW-107		1016		Water										250ml (HNO3) - 0000280251
MW-108		0817		Water										
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: 400-217387-2
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 St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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: 400-217541-1
Laboratory Sample Delivery Group: Downgradient D
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 3:45:17 PM

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LINKS

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

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

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Job ID: 400-217541-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217541-1

Metals

Method 6020: The ICV for batch 400-572626 passed recovery/accuracy criteria which serves the ICV purpose of verifying the calibration standards. The replicate RSD for the elements were outside of the criteria for standards but within the criteria for field samples. Data has therefore been reported and narrated accordingly. (ICV 400-572626/13)

Method 6020: The continuing calibration blank (CCB) for analytical batch 400-572626 contained Boron 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 CRI associated with batch 400-572781 recovered above the upper control limit for Boron. 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 400-572781/15).

Method 6020: The continuing calibration blank (CCB) for analytical batch 400-572781 contained Boron 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 serial dilution performed for the following sample associated with batch 400-572626 was outside control limits: (400-217520-G-1-A SD ^25)

Method 6020: The ICV for batch 400-572969 passed recovery/accuracy criteria which serves the ICV purpose of verifying the calibration standards. The replicate RSD for the elements were outside of the criteria for standards but within the criteria for field samples. Data has therefore been reported and narrated accordingly. (CRI 400-572969/17)

Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-201 (400-217541-2) and MW-206 (400-217541-3). Elevated reporting limits (RLs) are provided.

Method 6020: Samples are unable to be ran at 1x dilution due to high concentration of Boron. Therefore, analytes are able to be reported at high dilution. MW-201 (400-217541-2), MW-206 (400-217541-3) and FB-03 (400-217541-4)

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-571860 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike and duplicate (MS) recoveries for analytical batch 400-573603 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 Cl- E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-200 (400-217541-1), MW-201 (400-217541-2) and MW-206 (400-217541-3). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-200 (400-217541-1), MW-201 (400-217541-2) and MW-206 (400-217541-3). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: MW-200 — Lab Sample ID: 400-217541-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.0043	I V J3	0.010	0.00024	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	380		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	76		4.0	2.8	mg/L	2		SM 4500 Cl- E	Total/NA
Sulfate	71		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.34				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-201 — Lab Sample ID: 400-217541-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.041		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	3.4		0.050	0.0012	mg/L	5		6020	Total Recoverable
Cadmium	0.0017	I	0.0025	0.00065	mg/L	5		6020	Total Recoverable
Calcium	73		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00086	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0050		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	610		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	160		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Fluoride	0.25		0.10	0.070	mg/L	1		SM 4500 F C	Total/NA
Sulfate	120		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.95				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-206 — Lab Sample ID: 400-217541-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.038		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	10		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	170		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0012	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0069		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	630		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	340		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Sulfate	160		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.21				SU	1		Field Sampling	Total/NA

Client Sample ID: FB-03 — Lab Sample ID: 400-217541-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.023		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	1.8		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	58		0.25	0.13	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: FB-03 (Continued) — Lab Sample ID: 400-217541-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00056	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0033		0.0013	0.00082	mg/L	5		6020	Total Recoverable

Client Sample ID: EB-03 — Lab Sample ID: 400-217541-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.0062	I V	0.010	0.00024	mg/L	1		6020	Total Recoverable
Chromium	0.00020	I	0.00050	0.00020	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217541-1	MW-200	Water	03/25/22 13:22	03/25/22 14:35
400-217541-2	MW-201	Water	03/25/22 12:30	03/25/22 14:35
400-217541-3	MW-206	Water	03/25/22 14:10	03/25/22 14:35
400-217541-4	FB-03	Water	03/25/22 13:25	03/25/22 14:35
400-217541-5	EB-03	Water	03/25/22 10:25	03/25/22 14:35

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: MW-200

Date Collected: 03/25/22 13:22
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-1

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/03/22 16:31	04/05/22 19:08	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		04/03/22 16:31	04/05/22 19:08	1
Barium	0.00014	U	0.00050	0.00014	mg/L		04/03/22 16:31	04/05/22 19:08	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/03/22 16:31	04/05/22 19:08	1
Boron	**0.0043**	**I V J3**	0.010	0.00024	mg/L		04/03/22 16:31	04/05/22 19:08	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/03/22 16:31	04/05/22 19:08	1
Calcium	0.025	U	0.050	0.025	mg/L		04/03/22 16:31	04/05/22 19:08	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/03/22 16:31	04/06/22 17:41	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/03/22 16:31	04/05/22 19:08	1
Lead	0.00016	U	0.00025	0.00016	mg/L		04/03/22 16:31	04/05/22 19:08	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		04/03/22 16:31	04/05/22 19:08	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		04/03/22 16:31	04/05/22 19:08	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/03/22 16:31	04/06/22 17:41	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/03/22 16:31	04/05/22 19:08	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		04/07/22 11:22	04/08/22 13:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**380**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**76**		4.0	2.8	mg/L			04/11/22 04:04	2
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**71**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.34**				SU			03/25/22 13:22	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: MW-201

Date Collected: 03/25/22 12:30
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-2

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/03/22 16:31	04/04/22 19:26	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		04/03/22 16:31	04/04/22 19:26	5
Barium	**0.041**		0.0025	0.00070	mg/L		04/03/22 16:31	04/04/22 19:26	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		04/03/22 16:31	04/04/22 19:26	5
Boron	**3.4**		0.050	0.0012	mg/L		04/03/22 16:31	04/04/22 19:26	5
Cadmium	**0.0017**	**I**	0.0025	0.00065	mg/L		04/03/22 16:31	04/04/22 19:26	5
Calcium	**73**		0.25	0.13	mg/L		04/03/22 16:31	04/04/22 19:26	5
Chromium	0.0050	U	0.013	0.0050	mg/L		04/03/22 16:31	04/06/22 17:44	25
Cobalt	**0.00086**	**I**	0.0025	0.00056	mg/L		04/03/22 16:31	04/04/22 19:26	5
Lead	0.00081	U	0.0013	0.00081	mg/L		04/03/22 16:31	04/04/22 19:26	5
Lithium	0.025	U	0.025	0.025	mg/L		04/03/22 16:31	04/05/22 19:11	25
Molybdenum	0.0013	U	0.015	0.0013	mg/L		04/03/22 16:31	04/04/22 19:26	5
Selenium	**0.0050**		0.0013	0.00082	mg/L		04/03/22 16:31	04/04/22 19:26	5
Thallium	0.0023	U	0.0025	0.0023	mg/L		04/03/22 16:31	04/05/22 19:11	25

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		04/07/22 11:22	04/08/22 13:07	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**610**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**160**		20	14	mg/L			04/11/22 03:53	10
Fluoride	**0.25**		0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**120**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.95**				SU			03/25/22 12:30	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: MW-206

Date Collected: 03/25/22 14:10
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-3

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/03/22 16:31	04/04/22 19:29	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		04/03/22 16:31	04/04/22 19:29	5
Barium	**0.038**		0.0025	0.00070	mg/L		04/03/22 16:31	04/04/22 19:29	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		04/03/22 16:31	04/04/22 19:29	5
Boron	**10**		0.050	0.0012	mg/L		04/03/22 16:31	04/04/22 19:29	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		04/03/22 16:31	04/04/22 19:29	5
Calcium	**170**		0.25	0.13	mg/L		04/03/22 16:31	04/04/22 19:29	5
Chromium	0.0050	U	0.013	0.0050	mg/L		04/03/22 16:31	04/06/22 17:47	25
Cobalt	**0.0012**	**I**	0.0025	0.00056	mg/L		04/03/22 16:31	04/04/22 19:29	5
Lead	0.00081	U	0.0013	0.00081	mg/L		04/03/22 16:31	04/04/22 19:29	5
Lithium	0.025	U	0.025	0.025	mg/L		04/03/22 16:31	04/05/22 19:14	25
Molybdenum	0.0013	U	0.015	0.0013	mg/L		04/03/22 16:31	04/04/22 19:29	5
Selenium	**0.0069**		0.0013	0.00082	mg/L		04/03/22 16:31	04/04/22 19:29	5
Thallium	0.0023	U	0.0025	0.0023	mg/L		04/03/22 16:31	04/05/22 19:14	25

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		04/07/22 11:22	04/08/22 13:09	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**630**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**340**		20	14	mg/L			04/11/22 03:53	10
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**160**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.21**				SU			03/25/22 14:10	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: FB-03

Date Collected: 03/25/22 13:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-4

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/03/22 16:31	04/04/22 19:32	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		04/03/22 16:31	04/04/22 19:32	5
Barium	**0.023**		0.0025	0.00070	mg/L		04/03/22 16:31	04/04/22 19:32	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		04/03/22 16:31	04/04/22 19:32	5
Boron	**1.8**		0.050	0.0012	mg/L		04/03/22 16:31	04/04/22 19:32	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		04/03/22 16:31	04/04/22 19:32	5
Calcium	**58**		0.25	0.13	mg/L		04/03/22 16:31	04/04/22 19:32	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/03/22 16:31	04/06/22 17:51	5
Cobalt	**0.00056**	**I**	0.0025	0.00056	mg/L		04/03/22 16:31	04/04/22 19:32	5
Lead	0.00081	U	0.0013	0.00081	mg/L		04/03/22 16:31	04/04/22 19:32	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		04/03/22 16:31	04/05/22 19:17	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		04/03/22 16:31	04/04/22 19:32	5
Selenium	**0.0033**		0.0013	0.00082	mg/L		04/03/22 16:31	04/04/22 19:32	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		04/03/22 16:31	04/05/22 19:17	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		04/07/22 11:22	04/08/22 13:25	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			03/29/22 15:10	1
Chloride	1.4	U	2.0	1.4	mg/L			04/11/22 03:44	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/14/22 10:10	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: EB-03

Date Collected: 03/25/22 10:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-5

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/03/22 16:31	04/05/22 19:20	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		04/03/22 16:31	04/05/22 19:20	1
Barium	0.00014	U	0.00050	0.00014	mg/L		04/03/22 16:31	04/05/22 19:20	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/03/22 16:31	04/05/22 19:20	1
Boron	**0.0062**	**I V**	0.010	0.00024	mg/L		04/03/22 16:31	04/06/22 17:54	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/03/22 16:31	04/05/22 19:20	1
Calcium	0.025	U	0.050	0.025	mg/L		04/03/22 16:31	04/05/22 19:20	1
Chromium	**0.00020**	**I**	0.00050	0.00020	mg/L		04/03/22 16:31	04/06/22 17:54	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/03/22 16:31	04/05/22 19:20	1
Lead	0.00016	U	0.00025	0.00016	mg/L		04/03/22 16:31	04/05/22 19:20	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		04/03/22 16:31	04/05/22 19:20	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		04/03/22 16:31	04/05/22 19:20	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/03/22 16:31	04/06/22 17:54	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/03/22 16:31	04/05/22 19:20	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		04/07/22 11:22	04/08/22 13:27	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			03/29/22 15:10	1
Chloride	1.4	U	2.0	1.4	mg/L			04/11/22 03:44	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	1.4	U	5.0	1.4	mg/L			04/14/22 10:10	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

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

Client Sample ID: MW-200

Lab Sample ID: 400-217541-1

Date Collected: 03/25/22 13:22

Matrix: Water

Date Received: 03/25/22 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572781	04/05/22 19:08	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572969	04/06/22 17:41	KIS	TAL PEN
Total/NA	Prep	7470A			572960	04/07/22 11:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	573310	04/08/22 13:06	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		2	573294	04/11/22 04:04	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		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 13:22	EHS	TAL PEN

Client Sample ID: MW-201

Lab Sample ID: 400-217541-2

Date Collected: 03/25/22 12:30

Matrix: Water

Date Received: 03/25/22 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	572626	04/04/22 19:26	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	572781	04/05/22 19:11	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	572969	04/06/22 17:44	KIS	TAL PEN
Total/NA	Prep	7470A			572960	04/07/22 11:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	573310	04/08/22 13:07	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	573294	04/11/22 03:53	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		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 12:30	EHS	TAL PEN

Client Sample ID: MW-206

Lab Sample ID: 400-217541-3

Date Collected: 03/25/22 14:10

Matrix: Water

Date Received: 03/25/22 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	572626	04/04/22 19:29	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	572781	04/05/22 19:14	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		25	572969	04/06/22 17:47	KIS	TAL PEN
Total/NA	Prep	7470A			572960	04/07/22 11:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	573310	04/08/22 13:09	NET	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-1
SDG: Downgradient D

Client Sample ID: MW-206
Date Collected: 03/25/22 14:10
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		10	573294	04/11/22 03:53	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		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 14:10	EHS	TAL PEN

Client Sample ID: FB-03
Date Collected: 03/25/22 13:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	572626	04/04/22 19:32	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	572781	04/05/22 19:17	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	572969	04/06/22 17:51	KIS	TAL PEN
Total/NA	Prep	7470A			572960	04/07/22 11:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	573310	04/08/22 13:25	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573294	04/11/22 03:44	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	573877	04/14/22 10:10	RRC	TAL PEN

Client Sample ID: EB-03
Date Collected: 03/25/22 10:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572781	04/05/22 19:20	KIS	TAL PEN
Total Recoverable	Prep	3005A			572424	04/03/22 16:31	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	572969	04/06/22 17:54	KIS	TAL PEN
Total/NA	Prep	7470A			572960	04/07/22 11:22	NET	TAL PEN
Total/NA	Analysis	7470A		1	573310	04/08/22 13:27	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573294	04/11/22 03:44	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	573877	04/14/22 10:10	RRC	TAL PEN

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

Metals

Prep Batch: 572424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total Recoverable	Water	3005A	
400-217541-2	MW-201	Total Recoverable	Water	3005A	
400-217541-3	MW-206	Total Recoverable	Water	3005A	
400-217541-4	FB-03	Total Recoverable	Water	3005A	
400-217541-5	EB-03	Total Recoverable	Water	3005A	
MB 400-572424/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-572424/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-217688-C-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-217688-C-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 572626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-2	MW-201	Total Recoverable	Water	6020	572424
400-217541-3	MW-206	Total Recoverable	Water	6020	572424
400-217541-4	FB-03	Total Recoverable	Water	6020	572424
MB 400-572424/1-A ^5	Method Blank	Total Recoverable	Water	6020	572424
LCS 400-572424/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	572424
400-217688-C-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	572424
400-217688-C-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	572424

Analysis Batch: 572781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total Recoverable	Water	6020	572424
400-217541-2	MW-201	Total Recoverable	Water	6020	572424
400-217541-3	MW-206	Total Recoverable	Water	6020	572424
400-217541-4	FB-03	Total Recoverable	Water	6020	572424
400-217541-5	EB-03	Total Recoverable	Water	6020	572424
MB 400-572424/1-A ^5	Method Blank	Total Recoverable	Water	6020	572424
LCS 400-572424/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	572424
400-217688-C-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	572424
400-217688-C-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	572424

Prep Batch: 572960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	7470A	
400-217541-2	MW-201	Total/NA	Water	7470A	
400-217541-3	MW-206	Total/NA	Water	7470A	
400-217541-4	FB-03	Total/NA	Water	7470A	
400-217541-5	EB-03	Total/NA	Water	7470A	
MB 400-572960/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-572960/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-218001-A-11-B MS	Matrix Spike	Total/NA	Water	7470A	
400-218001-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 572969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total Recoverable	Water	6020	572424
400-217541-2	MW-201	Total Recoverable	Water	6020	572424
400-217541-3	MW-206	Total Recoverable	Water	6020	572424
400-217541-4	FB-03	Total Recoverable	Water	6020	572424
400-217541-5	EB-03	Total Recoverable	Water	6020	572424

Metals (Continued)

Analysis Batch: 572969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-572424/1-A ^5	Method Blank	Total Recoverable	Water	6020	572424
LCS 400-572424/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	572424
400-217688-C-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	572424
400-217688-C-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	572424

Analysis Batch: 573310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	7470A	572960
400-217541-2	MW-201	Total/NA	Water	7470A	572960
400-217541-3	MW-206	Total/NA	Water	7470A	572960
400-217541-4	FB-03	Total/NA	Water	7470A	572960
400-217541-5	EB-03	Total/NA	Water	7470A	572960
MB 400-572960/14-A	Method Blank	Total/NA	Water	7470A	572960
LCS 400-572960/15-A	Lab Control Sample	Total/NA	Water	7470A	572960
400-218001-A-11-B MS	Matrix Spike	Total/NA	Water	7470A	572960
400-218001-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	572960

General Chemistry

Analysis Batch: 571860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	SM 2540C	
400-217541-2	MW-201	Total/NA	Water	SM 2540C	
400-217541-3	MW-206	Total/NA	Water	SM 2540C	
400-217541-4	FB-03	Total/NA	Water	SM 2540C	
400-217541-5	EB-03	Total/NA	Water	SM 2540C	
MB 400-571860/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-571860/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-217538-B-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 573294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	SM 4500 Cl- E	
400-217541-2	MW-201	Total/NA	Water	SM 4500 Cl- E	
400-217541-3	MW-206	Total/NA	Water	SM 4500 Cl- E	
400-217541-4	FB-03	Total/NA	Water	SM 4500 Cl- E	
400-217541-5	EB-03	Total/NA	Water	SM 4500 Cl- E	
MB 400-573294/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-573294/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-573294/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-217538-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-217538-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 573603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	SM 4500 F C	
400-217541-2	MW-201	Total/NA	Water	SM 4500 F C	
400-217541-3	MW-206	Total/NA	Water	SM 4500 F C	
400-217541-4	FB-03	Total/NA	Water	SM 4500 F C	
400-217541-5	EB-03	Total/NA	Water	SM 4500 F C	
MB 400-573603/1	Method Blank	Total/NA	Water	SM 4500 F C	

General Chemistry (Continued)

Analysis Batch: 573603 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-573603/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-217541-4 MS	FB-03	Total/NA	Water	SM 4500 F C	
400-217541-4 MSD	FB-03	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	

Analysis Batch: 573877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	SM 4500 SO4 E	
400-217541-2	MW-201	Total/NA	Water	SM 4500 SO4 E	
400-217541-3	MW-206	Total/NA	Water	SM 4500 SO4 E	
400-217541-4	FB-03	Total/NA	Water	SM 4500 SO4 E	
400-217541-5	EB-03	Total/NA	Water	SM 4500 SO4 E	
MB 400-573877/43	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-573877/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-573877/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-217651-B-4 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-217651-B-4 MSD	Matrix Spike Duplicate	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
400-217541-1	MW-200	Total/NA	Water	Field Sampling	
400-217541-2	MW-201	Total/NA	Water	Field Sampling	
400-217541-3	MW-206	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-572424/1-A ^5
Matrix: Water
Analysis Batch: 572626

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/03/22 16:31	04/04/22 18:21	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		04/03/22 16:31	04/04/22 18:21	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/03/22 16:31	04/04/22 18:21	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		04/03/22 16:31	04/04/22 18:21	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		04/03/22 16:31	04/04/22 18:21	5
Calcium	0.13	U	0.25	0.13	mg/L		04/03/22 16:31	04/04/22 18:21	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/03/22 16:31	04/04/22 18:21	5
Lead	0.00081	U	0.0013	0.00081	mg/L		04/03/22 16:31	04/04/22 18:21	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		04/03/22 16:31	04/04/22 18:21	5

Lab Sample ID: MB 400-572424/1-A ^5
Matrix: Water
Analysis Batch: 572781

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0492	I	0.050	0.0012	mg/L		04/03/22 16:31	04/05/22 18:08	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/03/22 16:31	04/05/22 18:08	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		04/03/22 16:31	04/05/22 18:08	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		04/03/22 16:31	04/05/22 18:08	5

Lab Sample ID: MB 400-572424/1-A ^5
Matrix: Water
Analysis Batch: 572969

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/03/22 16:31	04/06/22 16:46	5

Lab Sample ID: LCS 400-572424/2-A ^5
Matrix: Water
Analysis Batch: 572626

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0508		mg/L		102	80 - 120
Arsenic	0.0500	0.0465		mg/L		93	80 - 120
Barium	0.0500	0.0462		mg/L		92	80 - 120
Beryllium	0.0500	0.0489		mg/L		98	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Calcium	5.00	4.77		mg/L		95	80 - 120
Cobalt	0.0500	0.0492		mg/L		98	80 - 120
Lead	0.0500	0.0475		mg/L		95	80 - 120
Molybdenum	0.0500	0.0487		mg/L		97	80 - 120

Lab Sample ID: LCS 400-572424/2-A ^5
Matrix: Water
Analysis Batch: 572781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.0500	0.0523		mg/L		105	80 - 120
Lithium	0.0500	0.0552		mg/L		110	80 - 120

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

Lab Sample ID: LCS 400-572424/2-A ^5
Matrix: Water
Analysis Batch: 572781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.0500	0.0446		mg/L		89	80 - 120
Thallium	0.0100	0.0105		mg/L		105	80 - 120

Lab Sample ID: LCS 400-572424/2-A ^5
Matrix: Water
Analysis Batch: 572969

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.0961		mg/L		96	80 - 120

Lab Sample ID: 400-217688-C-1-B MS ^5
Matrix: Water
Analysis Batch: 572626

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0478		mg/L		96	75 - 125
Arsenic	0.0012	U	0.0500	0.0451		mg/L		90	75 - 125
Barium	0.12		0.0500	0.160		mg/L		85	75 - 125
Beryllium	0.00092	U	0.0500	0.0448		mg/L		90	75 - 125
Boron	0.079	V	0.100	0.140	J3 V	mg/L		61	75 - 125
Cadmium	0.00065	U	0.0500	0.0465		mg/L		93	75 - 125
Calcium	12		5.00	17.7		mg/L		116	75 - 125
Chromium	0.0038	V	0.0500	0.0481		mg/L		88	75 - 125
Cobalt	0.00056	U	0.0500	0.0435		mg/L		87	75 - 125
Lead	0.00081	U	0.0500	0.0433		mg/L		87	75 - 125
Lithium	0.026		0.0500	0.0698		mg/L		88	75 - 125
Molybdenum	0.0013	U	0.0500	0.0458		mg/L		92	75 - 125
Selenium	0.00082	U	0.0500	0.0468		mg/L		94	75 - 125
Thallium	0.0042	V J3	0.0100	0.0121	V	mg/L		80	75 - 125

Lab Sample ID: 400-217688-C-1-B MS ^5
Matrix: Water
Analysis Batch: 572781

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0529		mg/L		106	75 - 125
Arsenic	0.0012	U	0.0500	0.0504		mg/L		101	75 - 125
Barium	0.14		0.0500	0.188		mg/L		97	75 - 125
Beryllium	0.00092	U	0.0500	0.0495		mg/L		99	75 - 125
Boron	0.090	V J3	0.100	0.183	V	mg/L		93	75 - 125
Cadmium	0.00065	U	0.0500	0.0505		mg/L		101	75 - 125
Calcium	14		5.00	19.0		mg/L		103	75 - 125
Chromium	0.0010	U	0.0500	0.0476		mg/L		95	75 - 125
Cobalt	0.00056	U	0.0500	0.0497		mg/L		99	75 - 125
Lead	0.00081	U	0.0500	0.0499		mg/L		100	75 - 125
Lithium	0.030		0.0500	0.0807		mg/L		101	75 - 125
Molybdenum	0.0013	U	0.0500	0.0514		mg/L		103	75 - 125
Selenium	0.00082	U	0.0500	0.0445		mg/L		89	75 - 125
Thallium	0.00046	U	0.0100	0.0104		mg/L		104	75 - 125

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

Lab Sample ID: 400-217688-C-1-B MS ^5
Matrix: Water
Analysis Batch: 572969

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0512		mg/L		102	75 - 125
Arsenic	0.0012	I	0.0500	0.0448		mg/L		87	75 - 125
Barium	0.13		0.0500	0.188		mg/L		113	75 - 125
Beryllium	0.00092	U	0.0500	0.0488		mg/L		98	75 - 125
Boron	0.054		0.100	0.148		mg/L		94	75 - 125
Cadmium	0.00065	U	0.0500	0.0503		mg/L		101	75 - 125
Calcium	14		5.00	19.2		mg/L		99	75 - 125
Chromium	0.0010	U	0.0500	0.0517		mg/L		103	75 - 125
Cobalt	0.00056	U	0.0500	0.0512		mg/L		102	75 - 125
Lead	0.00081	U	0.0500	0.0505		mg/L		101	75 - 125
Lithium	0.026		0.0500	0.0750		mg/L		98	75 - 125
Molybdenum	0.0013	U	0.0500	0.0500		mg/L		100	75 - 125
Selenium	0.00082	U	0.0500	0.0485		mg/L		97	75 - 125
Thallium	0.00046	U	0.0100	0.00976		mg/L		98	75 - 125

Lab Sample ID: 400-217688-C-1-C MSD ^5
Matrix: Water
Analysis Batch: 572626

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 572424

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	0.0505		mg/L		101	75 - 125	6	20
Arsenic	0.0012	U	0.0500	0.0471		mg/L		94	75 - 125	4	20
Barium	0.12		0.0500	0.165		mg/L		95	75 - 125	3	20
Beryllium	0.00092	U	0.0500	0.0461		mg/L		92	75 - 125	3	20
Boron	0.079	V	0.100	0.151	V J3	mg/L		72	75 - 125	7	20
Cadmium	0.00065	U	0.0500	0.0472		mg/L		94	75 - 125	1	20
Calcium	12		5.00	17.9		mg/L		121	75 - 125	1	20
Chromium	0.0038	V	0.0500	0.0510		mg/L		94	75 - 125	6	20
Cobalt	0.00056	U	0.0500	0.0468		mg/L		94	75 - 125	7	20
Lead	0.00081	U	0.0500	0.0448		mg/L		90	75 - 125	3	20
Lithium	0.026		0.0500	0.0743		mg/L		97	75 - 125	6	20
Molybdenum	0.0013	U	0.0500	0.0475		mg/L		95	75 - 125	4	20
Selenium	0.00082	U	0.0500	0.0440		mg/L		88	75 - 125	6	20
Thallium	0.0042	V J3	0.0100	0.0125	V	mg/L		83	75 - 125	3	20

Lab Sample ID: 400-217688-C-1-C MSD ^5
Matrix: Water
Analysis Batch: 572781

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 572424

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	0.0514		mg/L		103	75 - 125	3	20
Arsenic	0.0012	U	0.0500	0.0487		mg/L		97	75 - 125	3	20
Barium	0.14		0.0500	0.184		mg/L		89	75 - 125	2	20
Beryllium	0.00092	U	0.0500	0.0474		mg/L		95	75 - 125	4	20
Boron	0.090	V J3	0.100	0.181	V	mg/L		91	75 - 125	1	20
Cadmium	0.00065	U	0.0500	0.0499		mg/L		100	75 - 125	1	20
Calcium	14		5.00	18.5		mg/L		94	75 - 125	2	20
Chromium	0.0010	U	0.0500	0.0458		mg/L		92	75 - 125	4	20
Cobalt	0.00056	U	0.0500	0.0485		mg/L		97	75 - 125	2	20

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

Lab Sample ID: 400-217688-C-1-C MSD ^5
Matrix: Water
Analysis Batch: 572781

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 572424

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.00081	U	0.0500	0.0492		mg/L		98	75 - 125	1	20
Lithium	0.030		0.0500	0.0794		mg/L		98	75 - 125	2	20
Molybdenum	0.0013	U	0.0500	0.0497		mg/L		99	75 - 125	3	20
Selenium	0.00082	U	0.0500	0.0484		mg/L		97	75 - 125	8	20
Thallium	0.00046	U	0.0100	0.0100		mg/L		100	75 - 125	3	20

Lab Sample ID: 400-217688-C-1-C MSD ^5
Matrix: Water
Analysis Batch: 572969

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 572424

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	0.0536		mg/L		107	75 - 125	5	20
Arsenic	0.0012	I	0.0500	0.0480		mg/L		94	75 - 125	7	20
Barium	0.13		0.0500	0.185		mg/L		106	75 - 125	2	20
Beryllium	0.00092	U	0.0500	0.0487		mg/L		97	75 - 125	0	20
Boron	0.054		0.100	0.150		mg/L		96	75 - 125	2	20
Cadmium	0.00065	U	0.0500	0.0548		mg/L		110	75 - 125	8	20
Calcium	14		5.00	19.3		mg/L		101	75 - 125	0	20
Chromium	0.0010	U	0.0500	0.0519		mg/L		104	75 - 125	0	20
Cobalt	0.00056	U	0.0500	0.0516		mg/L		103	75 - 125	1	20
Lead	0.00081	U	0.0500	0.0509		mg/L		102	75 - 125	1	20
Lithium	0.026		0.0500	0.0789		mg/L		106	75 - 125	5	20
Molybdenum	0.0013	U	0.0500	0.0520		mg/L		104	75 - 125	4	20
Selenium	0.00082	U	0.0500	0.0504		mg/L		101	75 - 125	4	20
Thallium	0.00046	U	0.0100	0.0101		mg/L		101	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-572960/14-A
Matrix: Water
Analysis Batch: 573310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572960

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		04/07/22 11:22	04/08/22 12:16	1

Lab Sample ID: LCS 400-572960/15-A
Matrix: Water
Analysis Batch: 573310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572960

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.00101		mg/L		100	80 - 120

Lab Sample ID: 400-218001-A-11-B MS
Matrix: Water
Analysis Batch: 573310

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 572960

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00156	J3	mg/L		77	80 - 120

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

Lab Sample ID: 400-218001-A-11-C MSD
Matrix: Water
Analysis Batch: 573310

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 572960

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	0.00153	J3	mg/L		76	80 - 120	2	20

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

Lab Sample ID: MB 400-571860/1
Matrix: Water
Analysis Batch: 571860

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			03/29/22 15:10	1

Lab Sample ID: LCS 400-571860/2
Matrix: Water
Analysis Batch: 571860

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	270		mg/L		92	78 - 122

Lab Sample ID: 400-217538-B-5 DU
Matrix: Water
Analysis Batch: 571860

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	170		184	J3	mg/L		10	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-573294/6
Matrix: Water
Analysis Batch: 573294

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			04/11/22 03:36	1

Lab Sample ID: LCS 400-573294/7
Matrix: Water
Analysis Batch: 573294

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 400-573294/3
Matrix: Water
Analysis Batch: 573294

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.00	2.04		mg/L		102	50 - 150

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

Lab Sample ID: 400-217538-B-1 MS
Matrix: Water
Analysis Batch: 573294

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	13		10.0	23.3		mg/L		104	73 - 120

Lab Sample ID: 400-217538-B-1 MSD
Matrix: Water
Analysis Batch: 573294

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	13		10.0	22.5		mg/L		96	73 - 120	4	8

Method: SM 4500 F C - Fluoride

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: 400-217541-4 MS
Matrix: Water
Analysis Batch: 573603

Client Sample ID: FB-03
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: 400-217541-4 MSD
Matrix: Water
Analysis Batch: 573603

Client Sample ID: FB-03
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 (Continued)

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 400-573877/43
Matrix: Water
Analysis Batch: 573877

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			04/14/22 10:10	1

Lab Sample ID: LCS 400-573877/13
Matrix: Water
Analysis Batch: 573877

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	16.2		mg/L		108	90 - 110		

Lab Sample ID: MRL 400-573877/14
Matrix: Water
Analysis Batch: 573877

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	4.66	I	mg/L		93	50 - 150		

Lab Sample ID: 400-217651-B-4 MS
Matrix: Water
Analysis Batch: 573877

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	4.6	I	10.0	10.6	J3	mg/L		60	77 - 128		

Lab Sample ID: 400-217651-B-4 MSD
Matrix: Water
Analysis Batch: 573877

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	4.6	I	10.0	10.9	J3	mg/L		63	77 - 128	3	5

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

Chain of Custody Record

400-217541 COC

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Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-109435-23630.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000393131			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Downgradient D	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers
			Preservation Code:										
MW-200	3/25/22	1322	G	Water			X	X	X	X	X	X	
MW-201	↓	1230		Water			↓	↓	↓	↓	↓	↓	
MW-206		1410		Water									
FB-03		1325		Water									
EB-03	3/25/22	1025	G	Water			X	X	X	X	X	X	

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

Lot #s

Special Instructions/Note:
½gal (HNO3) - 0000280251
500ml (None) - 0422101G
250ml (HNO3) - 0000280251

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: 3/25/22 1435	Company RDH	Received by:	Date/Time: 3.25.22 1435	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: 2.7°C IR10

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217541-1
SDG Number: Downgradient D

Login Number: 217541
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	2.7°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: 400-217541-1
SDG: Downgradient D

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: 400-217541-2
Laboratory Sample Delivery Group: Downgradient D
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:
4/29/2022 5:15:55 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: 400-217541-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217541-2

Receipt
The samples were received on 3/25/2022 2:35 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.7º C.

RAD
Method 9315: Radium-226 prep batch 160-558514. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-200 (400-217541-1), MW-201 (400-217541-2), MW-206 (400-217541-3), FB-03 (400-217541-4), EB-03 (400-217541-5), (LCS 160-558514/1-A), (LCSD 160-558514/2-A) and (MB 160-558514/22-A)

Method 9320: Radium 228 batch 558519. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-200 (400-217541-1), MW-201 (400-217541-2), MW-206 (400-217541-3), FB-03 (400-217541-4), EB-03 (400-217541-5), (LCS 160-558519/1-A), (LCSD 160-558519/2-A) and (MB 160-558519/22-A)

Method PrecSep-21: An LCS/LCSD was prepared with the following samples in batch 160-558514 due to potential matrix interference: MW-200 (400-217541-1), MW-201 (400-217541-2), MW-206 (400-217541-3), FB-03 (400-217541-4) and EB-03 (400-217541-5).

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-2
SDG: Downgradient D

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

Protocol References:

None = None

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

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

Laboratory References:

TAL SL = Eurofins 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: 400-217541-2
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217541-1	MW-200	Water	03/25/22 13:22	03/25/22 14:35
400-217541-2	MW-201	Water	03/25/22 12:30	03/25/22 14:35
400-217541-3	MW-206	Water	03/25/22 14:10	03/25/22 14:35
400-217541-4	FB-03	Water	03/25/22 13:25	03/25/22 14:35
400-217541-5	EB-03	Water	03/25/22 10:25	03/25/22 14:35

Client Sample ID: MW-200

Date Collected: 03/25/22 13:22
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-1

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.67		0.420	0.446	1.00	0.296	pCi/L	04/04/22 18:42	04/28/22 17:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 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	2.14		0.395	0.441	1.00	0.420	pCi/L	04/04/22 18:42	04/28/22 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*1*
Y Carrier	*80.7*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*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	3.81		0.577	0.627	5.00	0.420	pCi/L		04/29/22 15:45	1

Client Sample ID: MW-201

Date Collected: 03/25/22 12:30
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-2

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.76		0.531	0.586	1.00	0.308	pCi/L	04/04/22 18:42	04/28/22 17:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 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	6.17		0.594	0.822	1.00	0.452	pCi/L	04/04/22 18:42	04/28/22 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*1*
Y Carrier	*83.4*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	8.93		0.797	1.01	5.00	0.452	pCi/L		04/29/22 15:45	1

Client Sample ID: MW-206

Date Collected: 03/25/22 14:10
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-3

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	2.36		0.512	0.555	1.00	0.424	pCi/L	04/04/22 18:42	04/28/22 17:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.83		0.495	0.607	1.00	0.451	pCi/L	04/04/22 18:42	04/28/22 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*1*
Y Carrier	*82.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*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	6.19		0.712	0.822	5.00	0.451	pCi/L		04/29/22 15:45	1

Client Sample ID: FB-03

Date Collected: 03/25/22 13:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-4

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	0.0247	U	0.182	0.182	1.00	0.357	pCi/L	04/04/22 18:42	04/28/22 17:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.5*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00640	U	0.209	0.209	1.00	0.375	pCi/L	04/04/22 18:42	04/28/22 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.5*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*1*
Y Carrier	*83.7*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*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	0.0311	U	0.277	0.277	5.00	0.375	pCi/L		04/29/22 15:45	1

Client Sample ID: EB-03

Date Collected: 03/25/22 10:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-5

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	0.0261	U	0.228	0.228	1.00	0.437	pCi/L	04/04/22 18:42	04/28/22 17:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.151	U	0.271	0.271	1.00	0.459	pCi/L	04/04/22 18:42	04/28/22 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*1*
Y Carrier	*81.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:10*	*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	0.177	U	0.354	0.354	5.00	0.459	pCi/L		04/29/22 15:45	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-2
SDG: Downgradient D

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-2
SDG: Downgradient D

Client Sample ID: MW-200
Date Collected: 03/25/22 13:22
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562662	04/28/22 17:03	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:10	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: MW-201
Date Collected: 03/25/22 12:30
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562662	04/28/22 17:03	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:10	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: MW-206
Date Collected: 03/25/22 14:10
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562663	04/28/22 17:05	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:10	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: FB-03
Date Collected: 03/25/22 13:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562663	04/28/22 17:05	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:10	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-2
SDG: Downgradient D

Client Sample ID: EB-03
Date Collected: 03/25/22 10:25
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562663	04/28/22 17:05	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:10	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Laboratory References:

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

QC Association Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217541-2
SDG: Downgradient D

Rad

Prep Batch: 558514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	PrecSep-21	
400-217541-2	MW-201	Total/NA	Water	PrecSep-21	
400-217541-3	MW-206	Total/NA	Water	PrecSep-21	
400-217541-4	FB-03	Total/NA	Water	PrecSep-21	
400-217541-5	EB-03	Total/NA	Water	PrecSep-21	
MB 160-558514/22-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-558514/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-558514/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 558519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-1	MW-200	Total/NA	Water	PrecSep_0	
400-217541-2	MW-201	Total/NA	Water	PrecSep_0	
400-217541-3	MW-206	Total/NA	Water	PrecSep_0	
400-217541-4	FB-03	Total/NA	Water	PrecSep_0	
400-217541-5	EB-03	Total/NA	Water	PrecSep_0	
MB 160-558519/22-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-558519/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-558519/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-558514/22-A
Matrix: Water
Analysis Batch: 562662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 558514

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01901	U	0.203	0.203	1.00	0.390	pCi/L	04/04/22 18:42	04/28/22 18:56	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	96.3		40 - 110	04/04/22 18:42	04/28/22 18:56	1

Lab Sample ID: LCS 160-558514/1-A
Matrix: Water
Analysis Batch: 562662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 558514

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	8.856		1.19	1.00	0.311	pCi/L	78	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	98.0		40 - 110

Lab Sample ID: LCSD 160-558514/2-A
Matrix: Water
Analysis Batch: 562662

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 558514

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	10.98		1.40	1.00	0.290	pCi/L	97	75 - 125	0.82	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	94.6		40 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-558519/22-A
Matrix: Water
Analysis Batch: 562663

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 558519

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.09743	U	0.229	0.229	1.00	0.393	pCi/L	04/04/22 18:42	04/28/22 12:14	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	96.3		40 - 110	04/04/22 18:42	04/28/22 12:14	1
Y Carrier	85.6		40 - 110	04/04/22 18:42	04/28/22 12:14	1

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

Lab Sample ID: LCS 160-558519/1-A
Matrix: Water
Analysis Batch: 562631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 558519

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.67	9.515		1.11	1.00	0.390	pCi/L	110	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*98.0*		*40 - 110*
Y Carrier	*80.4*		*40 - 110*

Lab Sample ID: LCSD 160-558519/2-A
Matrix: Water
Analysis Batch: 562631

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 558519

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.67	9.797		1.14	1.00	0.399	pCi/L	113	75 - 125	0.13	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*94.6*		*40 - 110*
Y Carrier	*81.1*		*40 - 110*

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

Chain of Custody Record

400-217541 COC

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Client Information	Sampler: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-109435-23630.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000393131			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC Downgradient D	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers
Preservation Code:							N	N	N	N	N	N	
MW-200	3/25/22	1322	G	Water			X	X	X	X	X	X	
MW-201		1230		Water									
MW-206		1410		Water									
FB-03		1325		Water									
EB-03	3/25/22	1025	G	Water			X	X	X	X	X	X	

Lot #s

Special Instructions/Note:

½gal (HNO3) - 0000280251
500ml (None) - 0422101G
250ml (HNO3) - 0000280251

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: 3/25/22 1435	Company RDH	Received by:	Date/Time: 3.25.22 1435	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: 2.7°C IR10

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217541-2
SDG Number: Downgradient D

Login Number: 217541
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	2.7°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: 400-217541-2
SDG: Downgradient D

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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: 400-217541-3
Laboratory Sample Delivery Group: Downgradient D
Client Project/Site: CCR GCEC

For:
Florida Power and Light
BIN 731
One Energy Place
Pensacola, Florida 32520

Attn: Barry Evans

Authorized for release by:
7/22/2022 11:17:07 AM

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: 400-217541-3

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217541-3

Comments
Insufficient review lead the lab to erroneously report the results for Thallium and Lithium from a 5x dilution in a report revision 400-217541 (Revision 2). Background levels of Lithium and Thallium were elevated in the original 5x analyses as demonstrated in the bracketing continuing calibration blanks (CCB). The analysis at 5x was repeated in duplicate with acceptable quality controls and the affected samples were non-detect for Thallium and Lithium. The lab can state with a high level of confidence the erroneously report detections in the report revision were false positives. The report has been re-submitted with the acceptable 5x re-analyses for samples MW-201 and MW-206 (Revision 3).

Detection Summary

Client: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Client Sample ID: MW-201 — Lab Sample ID: 400-217541-2

No Detections.

Client Sample ID: MW-206 — Lab Sample ID: 400-217541-3

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217541-2	MW-201	Water	03/25/22 12:30	03/25/22 14:35
400-217541-3	MW-206	Water	03/25/22 14:10	03/25/22 14:35

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Client Sample ID: MW-201
Date Collected: 03/25/22 12:30
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-2
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0010	U	0.0025	0.0010	mg/L		07/21/22 11:20	07/21/22 18:18	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		07/21/22 11:20	07/21/22 18:18	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		07/21/22 11:20	07/21/22 18:18	5

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Client Sample ID: MW-206

Date Collected: 03/25/22 14:10
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-3

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0010	U	0.0025	0.0010	mg/L		07/21/22 11:20	07/21/22 18:27	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		07/21/22 11:20	07/21/22 18:27	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		07/21/22 11:20	07/21/22 18:27	5

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Qualifiers

Metals

Qualifier	Qualifier Description
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: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Client Sample ID: MW-201
Date Collected: 03/25/22 12:30
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			585627	07/21/22 11:20	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	585766	07/21/22 18:18	DHW	TAL PEN

Client Sample ID: MW-206
Date Collected: 03/25/22 14:10
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217541-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			585627	07/21/22 11:20	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	585766	07/21/22 18:27	DHW	TAL PEN

Laboratory References:

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

QC Association Summary

Client: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

Metals

Prep Batch: 585627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-2	MW-201	Total Recoverable	Water	3005A	
400-217541-3	MW-206	Total Recoverable	Water	3005A	
MB 400-585627/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-585627/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 400-585627/3-A ^5	Lab Control Sample Dup	Total Recoverable	Water	3005A	
400-217541-2 DU	MW-201	Total Recoverable	Water	3005A	
400-217541-3 DU	MW-206	Total Recoverable	Water	3005A	

Analysis Batch: 585766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217541-2	MW-201	Total Recoverable	Water	6020	585627
400-217541-3	MW-206	Total Recoverable	Water	6020	585627
MB 400-585627/1-A ^5	Method Blank	Total Recoverable	Water	6020	585627
LCS 400-585627/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	585627
LCSD 400-585627/3-A ^5	Lab Control Sample Dup	Total Recoverable	Water	6020	585627
400-217541-2 DU	MW-201	Total Recoverable	Water	6020	585627
400-217541-3 DU	MW-206	Total Recoverable	Water	6020	585627

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-585627/1-A ^5
Matrix: Water
Analysis Batch: 585766

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 585627

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0010	U	0.0025	0.0010	mg/L		07/21/22 11:20	07/21/22 17:42	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		07/21/22 11:20	07/21/22 17:42	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		07/21/22 11:20	07/21/22 17:42	5

Lab Sample ID: LCS 400-585627/2-A ^5
Matrix: Water
Analysis Batch: 585766

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 585627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.0500	0.0514		mg/L		103	80 - 120
Lithium	0.0500	0.0484		mg/L		97	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: LCSD 400-585627/3-A ^5
Matrix: Water
Analysis Batch: 585766

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 585627

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	0.0500	0.0500		mg/L		100	80 - 120	3	20
Lithium	0.0500	0.0474		mg/L		95	80 - 120	2	20
Thallium	0.0100	0.0102		mg/L		102	80 - 120	1	20

Lab Sample ID: 400-217541-2 DU
Matrix: Water
Analysis Batch: 585766

Client Sample ID: MW-201
Prep Type: Total Recoverable
Prep Batch: 585627

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chromium	0.0010	U	0.0010	U	mg/L		NC	20
Lithium	0.0049	U	0.0049	U	mg/L		NC	20
Thallium	0.00046	U	0.00046	U	mg/L		NC	20

Lab Sample ID: 400-217541-3 DU
Matrix: Water
Analysis Batch: 585766

Client Sample ID: MW-206
Prep Type: Total Recoverable
Prep Batch: 585627

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chromium	0.0010	U	0.0010	U	mg/L		NC	20
Lithium	0.0049	U	0.0049	U	mg/L		NC	20
Thallium	0.00046	U	0.00046	U	mg/L		NC	20

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-217541-3
SDG Number: Downgradient D

Login Number: 217541
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	2.7°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: Florida Power and Light
Project/Site: CCR GCEC

Job ID: 400-217541-3
SDG: Downgradient D

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	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-22
Michigan	State	9912	06-30-23
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	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-217538-1
Laboratory Sample Delivery Group: Upgradient E
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 3:44:35 PM

Cheyenne Whitmire, Project Manager II
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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: 400-217538-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217538-1

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-203 (400-217538-2), MW-204 (400-217538-3), MW-205 (400-217538-4) and DUP-04 (400-217538-5)

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-571860 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 F C: The matrix spike and duplicate (MS) recoveries for analytical batch 400-573603 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 Cl- E: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-204 (400-217538-3). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-203 (400-217538-2), MW-204 (400-217538-3), MW-205 (400-217538-4) and DUP-04 (400-217538-5). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-573877 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: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-202 — Lab Sample ID: 400-217538-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.022		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.046		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	4.5		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00073		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.00024	I	0.00025	0.00016	mg/L	1		6020	Total Recoverable
Mercury	0.00031		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	68		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	13		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	17		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.92				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-203 — Lab Sample ID: 400-217538-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.016		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.56		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	35		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0021	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Selenium	0.0018		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	190		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	18		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	74		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.56				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-204 — Lab Sample ID: 400-217538-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	4.9		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	64		1.3	0.63	mg/L	25		6020	Total Recoverable
Cobalt	0.010		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.0018		0.0013	0.00081	mg/L	5		6020	Total Recoverable
Selenium	0.0033		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Mercury	0.00029		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	640		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	92		4.0	2.8	mg/L	2		SM 4500 Cl- E	Total/NA
Fluoride	0.18		0.10	0.070	mg/L	1		SM 4500 F C	Total/NA
Sulfate	280		130	35	mg/L	25		SM 4500 SO4 E	Total/NA
Field pH	4.38				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: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-205 — Lab Sample ID: 400-217538-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.081		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.0		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	33		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0015	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0027		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	290		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	47		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	140		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.99				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-04 — Lab Sample ID: 400-217538-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.015		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.61		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	36		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0027		0.0025	0.0010	mg/L	5		6020	Total Recoverable
Selenium	0.0012	I	0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	170		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	17		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	76		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.56				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: 400-217538-1
SDG: Upgradient E

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217538-1	MW-202	Water	03/25/22 09:40	03/25/22 14:35
400-217538-2	MW-203	Water	03/25/22 09:51	03/25/22 14:35
400-217538-3	MW-204	Water	03/25/22 10:51	03/25/22 14:35
400-217538-4	MW-205	Water	03/25/22 08:40	03/25/22 14:35
400-217538-5	DUP-04	Water	03/25/22 10:00	03/25/22 14:35

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-202

Date Collected: 03/25/22 09:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-1

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 18:24	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		03/28/22 19:15	03/30/22 18:24	1
Barium	**0.022**		0.00050	0.00014	mg/L		03/28/22 19:15	03/30/22 18:24	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		03/28/22 19:15	03/30/22 18:24	1
Boron	**0.046**		0.010	0.00024	mg/L		03/28/22 19:15	03/30/22 18:24	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		03/28/22 19:15	03/30/22 18:24	1
Calcium	**4.5**		0.050	0.025	mg/L		03/28/22 19:15	03/30/22 18:24	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		03/28/22 19:15	03/30/22 18:24	1
Cobalt	**0.00073**		0.00050	0.00011	mg/L		03/28/22 19:15	03/30/22 18:24	1
Lead	**0.00024**	**I**	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:24	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		03/28/22 19:15	03/30/22 18:24	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		03/28/22 19:15	03/30/22 18:24	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		03/28/22 19:15	03/30/22 18:24	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		03/28/22 19:15	03/30/22 18:24	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00031**		0.00020	0.00015	mg/L		04/06/22 12:38	04/07/22 11:41	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**68**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**13**		2.0	1.4	mg/L			04/11/22 03:38	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**17**		5.0	1.4	mg/L			04/14/22 10:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.92**				SU			03/25/22 09:40	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-203

Date Collected: 03/25/22 09:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-2

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		03/28/22 19:15	03/29/22 19:40	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		03/28/22 19:15	03/29/22 19:40	5
Barium	**0.016**		0.0025	0.00070	mg/L		03/28/22 19:15	03/29/22 19:40	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/28/22 19:15	03/29/22 19:40	5
Boron	**0.56**		0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 19:40	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/28/22 19:15	03/29/22 19:40	5
Calcium	**35**		0.25	0.13	mg/L		03/28/22 19:15	03/29/22 19:40	5
Chromium	**0.0021**	**I**	0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 19:40	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/28/22 19:15	03/29/22 19:40	5
Lead	0.00081	U	0.0013	0.00081	mg/L		03/28/22 19:15	03/29/22 19:40	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		03/28/22 19:15	03/29/22 19:40	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/28/22 19:15	03/29/22 19:40	5
Selenium	**0.0018**		0.0013	0.00082	mg/L		03/28/22 19:15	03/29/22 19:40	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/28/22 19:15	03/29/22 19:40	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		04/06/22 12:38	04/07/22 11:43	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**190**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**18**		2.0	1.4	mg/L			04/11/22 03:38	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**74**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.56**				SU			03/25/22 09:51	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-204

Date Collected: 03/25/22 10:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-3

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 19:44	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		03/28/22 19:15	03/29/22 19:44	5
Barium	**0.026**		0.0025	0.00070	mg/L		03/28/22 19:15	03/29/22 19:44	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/28/22 19:15	03/29/22 19:44	5
Boron	**4.9**		0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 19:44	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/28/22 19:15	03/29/22 19:44	5
Calcium	**64**		1.3	0.63	mg/L		03/28/22 19:15	03/30/22 18:28	25
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 19:44	5
Cobalt	**0.010**		0.0025	0.00056	mg/L		03/28/22 19:15	03/29/22 19:44	5
Lead	**0.0018**		0.0013	0.00081	mg/L		03/28/22 19:15	03/29/22 19:44	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		03/28/22 19:15	03/29/22 19:44	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/28/22 19:15	03/29/22 19:44	5
Selenium	**0.0033**		0.0013	0.00082	mg/L		03/28/22 19:15	03/29/22 19:44	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/28/22 19:15	03/29/22 19:44	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00029**		0.00020	0.00015	mg/L		04/06/22 12:38	04/07/22 11:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**640**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**92**		4.0	2.8	mg/L			04/11/22 04:04	2
Fluoride	**0.18**		0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**280**		130	35	mg/L			04/14/22 10:10	25

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.38**				SU			03/25/22 10:51	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-205

Date Collected: 03/25/22 08:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-4

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		03/28/22 19:15	03/29/22 19:47	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		03/28/22 19:15	03/29/22 19:47	5
Barium	**0.081**		0.0025	0.00070	mg/L		03/28/22 19:15	03/29/22 19:47	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/28/22 19:15	03/29/22 19:47	5
Boron	**2.0**		0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 19:47	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/28/22 19:15	03/29/22 19:47	5
Calcium	**33**		0.25	0.13	mg/L		03/28/22 19:15	03/29/22 19:47	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 19:47	5
Cobalt	**0.0015**	**I**	0.0025	0.00056	mg/L		03/28/22 19:15	03/29/22 19:47	5
Lead	0.00081	U	0.0013	0.00081	mg/L		03/28/22 19:15	03/29/22 19:47	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		03/28/22 19:15	03/29/22 19:47	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/28/22 19:15	03/29/22 19:47	5
Selenium	**0.0027**		0.0013	0.00082	mg/L		03/28/22 19:15	03/29/22 19:47	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/28/22 19:15	03/29/22 19:47	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		04/06/22 12:38	04/07/22 11:47	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**290**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**47**		2.0	1.4	mg/L			04/11/22 03:44	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**140**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.99**				SU			03/25/22 08:40	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Client Sample ID: DUP-04
Date Collected: 03/25/22 10:00
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-5
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		03/28/22 19:15	03/29/22 19:50	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		03/28/22 19:15	03/29/22 19:50	5
Barium	**0.015**		0.0025	0.00070	mg/L		03/28/22 19:15	03/29/22 19:50	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		03/28/22 19:15	03/29/22 19:50	5
Boron	**0.61**		0.050	0.0012	mg/L		03/28/22 19:15	03/29/22 19:50	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		03/28/22 19:15	03/29/22 19:50	5
Calcium	**36**		0.25	0.13	mg/L		03/28/22 19:15	03/29/22 19:50	5
Chromium	**0.0027**		0.0025	0.0010	mg/L		03/28/22 19:15	03/29/22 19:50	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		03/28/22 19:15	03/29/22 19:50	5
Lead	0.00081	U	0.0013	0.00081	mg/L		03/28/22 19:15	03/29/22 19:50	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		03/28/22 19:15	03/29/22 19:50	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		03/28/22 19:15	03/29/22 19:50	5
Selenium	**0.0012**	**I**	0.0013	0.00082	mg/L		03/28/22 19:15	03/29/22 19:50	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		03/28/22 19:15	03/29/22 19:50	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		04/06/22 12:38	04/07/22 11:49	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**170**		5.0	5.0	mg/L			03/29/22 15:10	1
Chloride	**17**		2.0	1.4	mg/L			04/11/22 03:44	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/12/22 17:02	1
Sulfate	**76**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.56**				SU			03/25/22 10:00	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Qualifiers

Metals

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

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: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-202
Date Collected: 03/25/22 09:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-1
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		1	572100	03/30/22 18:24	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:41	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573294	04/11/22 03:38	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	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 09:40	EHS	TAL PEN

Client Sample ID: MW-203
Date Collected: 03/25/22 09:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-2
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 19:40	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:43	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573294	04/11/22 03:38	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		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 09:51	EHS	TAL PEN

Client Sample ID: MW-204
Date Collected: 03/25/22 10:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-3
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 19:44	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 18:28	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:45	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		2	573294	04/11/22 04:04	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		25	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 10:51	EHS	TAL PEN

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-1
SDG: Upgradient E

Client Sample ID: MW-205

Date Collected: 03/25/22 08:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-4

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 19:47	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:47	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573294	04/11/22 03:44	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		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 08:40	EHS	TAL PEN

Client Sample ID: DUP-04

Date Collected: 03/25/22 10:00
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-5

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		5	571928	03/29/22 19:50	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:49	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571860	03/29/22 15:10	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573294	04/11/22 03:44	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		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/25/22 10:00	EHS	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 571722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total Recoverable	Water	3005A	
400-217538-2	MW-203	Total Recoverable	Water	3005A	
400-217538-3	MW-204	Total Recoverable	Water	3005A	
400-217538-4	MW-205	Total Recoverable	Water	3005A	
400-217538-5	DUP-04	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-C-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-217490-C-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-217490-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
400-217490-C-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 571928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-2	MW-203	Total Recoverable	Water	6020	571722
400-217538-3	MW-204	Total Recoverable	Water	6020	571722
400-217538-4	MW-205	Total Recoverable	Water	6020	571722
400-217538-5	DUP-04	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-C-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	571722
400-217490-C-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	571722

Analysis Batch: 572100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total Recoverable	Water	6020	571722
400-217538-3	MW-204	Total Recoverable	Water	6020	571722
400-217490-C-1-B MS	Matrix Spike	Total Recoverable	Water	6020	571722
400-217490-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020	571722

Prep Batch: 572827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	7470A	
400-217538-2	MW-203	Total/NA	Water	7470A	
400-217538-3	MW-204	Total/NA	Water	7470A	
400-217538-4	MW-205	Total/NA	Water	7470A	
400-217538-5	DUP-04	Total/NA	Water	7470A	
MB 400-572827/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-572827/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-217769-A-3-B MS	Matrix Spike	Total/NA	Water	7470A	
400-217769-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 573009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	7470A	572827
400-217538-2	MW-203	Total/NA	Water	7470A	572827
400-217538-3	MW-204	Total/NA	Water	7470A	572827
400-217538-4	MW-205	Total/NA	Water	7470A	572827
400-217538-5	DUP-04	Total/NA	Water	7470A	572827
MB 400-572827/14-A	Method Blank	Total/NA	Water	7470A	572827
LCS 400-572827/15-A	Lab Control Sample	Total/NA	Water	7470A	572827

Metals (Continued)

Analysis Batch: 573009 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217769-A-3-B MS	Matrix Spike	Total/NA	Water	7470A	572827
400-217769-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	572827

General Chemistry

Analysis Batch: 571860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	SM 2540C	
400-217538-2	MW-203	Total/NA	Water	SM 2540C	
400-217538-3	MW-204	Total/NA	Water	SM 2540C	
400-217538-4	MW-205	Total/NA	Water	SM 2540C	
400-217538-5	DUP-04	Total/NA	Water	SM 2540C	
MB 400-571860/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-571860/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-217538-5 DU	DUP-04	Total/NA	Water	SM 2540C	

Analysis Batch: 573294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	SM 4500 Cl- E	
400-217538-2	MW-203	Total/NA	Water	SM 4500 Cl- E	
400-217538-3	MW-204	Total/NA	Water	SM 4500 Cl- E	
400-217538-4	MW-205	Total/NA	Water	SM 4500 Cl- E	
400-217538-5	DUP-04	Total/NA	Water	SM 4500 Cl- E	
MB 400-573294/6	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-573294/7	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-573294/3	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-217538-1 MS	MW-202	Total/NA	Water	SM 4500 Cl- E	
400-217538-1 MSD	MW-202	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 573603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	SM 4500 F C	
400-217538-2	MW-203	Total/NA	Water	SM 4500 F C	
400-217538-3	MW-204	Total/NA	Water	SM 4500 F C	
400-217538-4	MW-205	Total/NA	Water	SM 4500 F C	
400-217538-5	DUP-04	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	

Analysis Batch: 573877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	SM 4500 SO4 E	
400-217538-2	MW-203	Total/NA	Water	SM 4500 SO4 E	
400-217538-3	MW-204	Total/NA	Water	SM 4500 SO4 E	
400-217538-4	MW-205	Total/NA	Water	SM 4500 SO4 E	
400-217538-5	DUP-04	Total/NA	Water	SM 4500 SO4 E	
MB 400-573877/43	Method Blank	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 573877 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-573877/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-573877/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-217538-1 MS	MW-202	Total/NA	Water	SM 4500 SO4 E	
400-217538-1 MSD	MW-202	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
400-217538-1	MW-202	Total/NA	Water	Field Sampling	
400-217538-2	MW-203	Total/NA	Water	Field Sampling	
400-217538-3	MW-204	Total/NA	Water	Field Sampling	
400-217538-4	MW-205	Total/NA	Water	Field Sampling	
400-217538-5	DUP-04	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-C-1-B MS
Matrix: Water
Analysis Batch: 572100

Client Sample ID: Matrix Spike
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
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

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

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

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 571722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
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-C-1-B MS ^5
Matrix: Water
Analysis Batch: 571928

Client Sample ID: Matrix Spike
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
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-C-1-C MSD
Matrix: Water
Analysis Batch: 572100

Client Sample ID: Matrix Spike Duplicate
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
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

Lab Sample ID: 400-217490-C-1-C MSD ^5
Matrix: Water
Analysis Batch: 571928

Client Sample ID: Matrix Spike Duplicate
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

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

Lab Sample ID: 400-217490-C-1-C MSD ^5
Matrix: Water
Analysis Batch: 571928

Client Sample ID: Matrix Spike Duplicate
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
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: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-572827/14-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572827

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 12:38	04/07/22 11:20	1

Lab Sample ID: LCS 400-572827/15-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.000971		mg/L		96	80 - 120

Lab Sample ID: 400-217769-A-3-B MS
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 572827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00166		mg/L		82	80 - 120

Lab Sample ID: 400-217769-A-3-C MSD
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 572827

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	0.00161		mg/L		80	80 - 120	3	20

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

Lab Sample ID: MB 400-571860/1
Matrix: Water
Analysis Batch: 571860

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			03/29/22 15:10	1

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

Lab Sample ID: LCS 400-571860/2
Matrix: Water
Analysis Batch: 571860

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	270		mg/L		92	78 - 122		

Lab Sample ID: 400-217538-5 DU
Matrix: Water
Analysis Batch: 571860

Client Sample ID: DUP-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	170			184	J3	mg/L				10	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-573294/6
Matrix: Water
Analysis Batch: 573294

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			04/11/22 03:36	1

Lab Sample ID: LCS 400-573294/7
Matrix: Water
Analysis Batch: 573294

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 400-573294/3
Matrix: Water
Analysis Batch: 573294

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			2.00	2.04		mg/L		102	50 - 150		

Lab Sample ID: 400-217538-1 MS
Matrix: Water
Analysis Batch: 573294

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13		10.0	23.3		mg/L		104	73 - 120		

Lab Sample ID: 400-217538-1 MSD
Matrix: Water
Analysis Batch: 573294

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13		10.0	22.5		mg/L		96	73 - 120	4	8

Method: SM 4500 F C - Fluoride

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		

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 400-573877/43
Matrix: Water
Analysis Batch: 573877

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			04/14/22 10:10	1

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

Lab Sample ID: LCS 400-573877/13
Matrix: Water
Analysis Batch: 573877

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	16.2		mg/L		108	90 - 110

Lab Sample ID: MRL 400-573877/14
Matrix: Water
Analysis Batch: 573877

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	4.66	I	mg/L		93	50 - 150

Lab Sample ID: 400-217538-1 MS
Matrix: Water
Analysis Batch: 573877

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	17		10.0	23.7	J3	mg/L		67	77 - 128

Lab Sample ID: 400-217538-1 MSD
Matrix: Water
Analysis Batch: 573877

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	17		10.0	24.0	J3	mg/L		70	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

400-217538 COC

Client Information	Sampler: Philip E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-109436-34082.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
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 Upgradient E	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

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)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:			D	N	N	D	N	N		
MW-202	3/25/22	0940	G	Water		x	x	x	x	x	x		1/2gal(HNO3) - 0000280251
MW-203	↓	0951	↓	Water		↓	↓	↓	↓	↓	↓		500ml(None) - 0422101G
MW-204	↓	1051	↓	Water		↓	↓	↓	↓	↓	↓		250(HNO3) - 000280251
MW-205	↓	0840	↓	Water		↓	↓	↓	↓	↓	↓		
DUP-04	3/25/22	1000	G	Water		x	x	x	x	x	x		
				~~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: [signature]	Date/Time: 3/25/22 1435	Company: RDH	Received by: Kathy R[signature]	Date/Time: 3.25.22 1435	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: 2.3° C [illegible] 10

Ver: 06/08/2021

4/20/2022

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217538-1
SDG Number: Upgradient E

Login Number: 217538
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	2.3°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.	False	Limited volume received.
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: 400-217538-1
SDG: Upgradient E

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: 400-217538-2
Laboratory Sample Delivery Group: Upgradient E
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:
4/26/2022 3:49:17 PM

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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: 400-217538-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217538-2

Receipt Exceptions
Rad container partially filled. MW-203 (400-217538-2)

RAD
Method 9315: Radium-226 prep batch 160-557866. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-202 (400-217538-1), MW-203 (400-217538-2), MW-204 (400-217538-3), MW-205 (400-217538-4), DUP-04 (400-217538-5), (LCS 160-557866/1-A), (LCSD 160-557866/2-A) and (MB 160-557866/23-A)

Method 9320: Radium-228 batch 558008. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-202 (400-217538-1), MW-203 (400-217538-2), MW-204 (400-217538-3), MW-205 (400-217538-4), DUP-04 (400-217538-5), (LCS 160-558008/1-A), (LCSD 160-558008/2-A) and (MB 160-558008/23-A)

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-2
SDG: Upgradient E

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

Protocol References:

None = None

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

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

Laboratory References:

TAL SL = Eurofins 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: 400-217538-2
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217538-1	MW-202	Water	03/25/22 09:40	03/25/22 14:35
400-217538-2	MW-203	Water	03/25/22 09:51	03/25/22 14:35
400-217538-3	MW-204	Water	03/25/22 10:51	03/25/22 14:35
400-217538-4	MW-205	Water	03/25/22 08:40	03/25/22 14:35
400-217538-5	DUP-04	Water	03/25/22 10:00	03/25/22 14:35

Client Sample ID: MW-202

Date Collected: 03/25/22 09:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-1

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	0.542		0.202	0.208	1.00	0.186	pCi/L	03/30/22 12:30	04/21/22 18:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*40 - 110*	*03/30/22 12:30*	*04/21/22 18:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.445		0.256	0.259	1.00	0.385	pCi/L	03/30/22 12:57	04/20/22 12:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*
Y Carrier	*84.5*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.987		0.326	0.332	5.00	0.385	pCi/L		04/22/22 16:54	1

Client Sample ID: MW-203

Date Collected: 03/25/22 09:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-2

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	0.808		0.244	0.255	1.00	0.219	pCi/L	03/30/22 12:30	04/21/22 18:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.6*		*40 - 110*	*03/30/22 12:30*	*04/21/22 18:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.32		0.374	0.431	1.00	0.372	pCi/L	03/30/22 12:57	04/20/22 12:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.6*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*
Y Carrier	*86.7*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.13		0.447	0.501	5.00	0.372	pCi/L		04/22/22 16:54	1

Client Sample ID: MW-204

Date Collected: 03/25/22 10:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-3

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.48		0.324	0.350	1.00	0.211	pCi/L	03/30/22 12:30	04/21/22 18:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*40 - 110*	*03/30/22 12:30*	*04/21/22 18:06*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	9.99		0.721	1.17	1.00	0.434	pCi/L	03/30/22 12:57	04/20/22 12:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*
Y Carrier	*86.7*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	11.5		0.790	1.22	5.00	0.434	pCi/L		04/22/22 16:54	1

Client Sample ID: MW-205

Date Collected: 03/25/22 08:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-4

Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.47		0.318	0.344	1.00	0.197	pCi/L	03/30/22 12:30	04/21/22 18:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*40 - 110*	*03/30/22 12:30*	*04/21/22 18:06*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.98		0.353	0.397	1.00	0.358	pCi/L	03/30/22 12:57	04/20/22 12:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*
Y Carrier	*86.0*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:17*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.45		0.475	0.525	5.00	0.358	pCi/L		04/22/22 16:54	1

Client Sample ID: DUP-04

Date Collected: 03/25/22 10:00
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-5

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	1.15		0.281	0.299	1.00	0.198	pCi/L	03/30/22 12:30	04/21/22 18:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.5*		*40 - 110*	*03/30/22 12:30*	*04/21/22 18:06*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.35		0.369	0.428	1.00	0.352	pCi/L	03/30/22 12:57	04/20/22 12:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.5*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:18*	*1*
Y Carrier	*87.1*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:18*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.51		0.464	0.522	5.00	0.352	pCi/L		04/22/22 16:54	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-2
SDG: Upgradient E

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-2
SDG: Upgradient E

Client Sample ID: MW-202
Date Collected: 03/25/22 09:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557866	03/30/22 12:30	LPS	TAL SL
Total/NA	Analysis	9315		1	561504	04/21/22 18:05	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558008	03/30/22 12:57	LPS	TAL SL
Total/NA	Analysis	9320		1	561270	04/20/22 12:17	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	561622	04/22/22 16:54	EMH	TAL SL

Client Sample ID: MW-203
Date Collected: 03/25/22 09:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557866	03/30/22 12:30	LPS	TAL SL
Total/NA	Analysis	9315		1	561504	04/21/22 18:05	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558008	03/30/22 12:57	LPS	TAL SL
Total/NA	Analysis	9320		1	561270	04/20/22 12:17	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	561622	04/22/22 16:54	EMH	TAL SL

Client Sample ID: MW-204
Date Collected: 03/25/22 10:51
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557866	03/30/22 12:30	LPS	TAL SL
Total/NA	Analysis	9315		1	561504	04/21/22 18:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558008	03/30/22 12:57	LPS	TAL SL
Total/NA	Analysis	9320		1	561270	04/20/22 12:17	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	561622	04/22/22 16:54	EMH	TAL SL

Client Sample ID: MW-205
Date Collected: 03/25/22 08:40
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557866	03/30/22 12:30	LPS	TAL SL
Total/NA	Analysis	9315		1	561504	04/21/22 18:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558008	03/30/22 12:57	LPS	TAL SL
Total/NA	Analysis	9320		1	561270	04/20/22 12:17	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	561622	04/22/22 16:54	EMH	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-2
SDG: Upgradient E

Client Sample ID: DUP-04
Date Collected: 03/25/22 10:00
Date Received: 03/25/22 14:35

Lab Sample ID: 400-217538-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			557866	03/30/22 12:30	LPS	TAL SL
Total/NA	Analysis	9315		1	561504	04/21/22 18:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558008	03/30/22 12:57	LPS	TAL SL
Total/NA	Analysis	9320		1	561270	04/20/22 12:18	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	561622	04/22/22 16:54	EMH	TAL SL

Laboratory References:

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

QC Association Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-2
SDG: Upgradient E

Rad

Prep Batch: 557866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	PrecSep-21	
400-217538-2	MW-203	Total/NA	Water	PrecSep-21	
400-217538-3	MW-204	Total/NA	Water	PrecSep-21	
400-217538-4	MW-205	Total/NA	Water	PrecSep-21	
400-217538-5	DUP-04	Total/NA	Water	PrecSep-21	
MB 160-557866/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-557866/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-557866/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 558008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217538-1	MW-202	Total/NA	Water	PrecSep_0	
400-217538-2	MW-203	Total/NA	Water	PrecSep_0	
400-217538-3	MW-204	Total/NA	Water	PrecSep_0	
400-217538-4	MW-205	Total/NA	Water	PrecSep_0	
400-217538-5	DUP-04	Total/NA	Water	PrecSep_0	
MB 160-558008/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-558008/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-558008/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-557866/23-A
Matrix: Water
Analysis Batch: 561566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 557866

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.003702	U	0.0775	0.0775	1.00	0.163	pCi/L	03/30/22 12:30	04/22/22 13:36	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*40 - 110*	*03/30/22 12:30*	*04/22/22 13:36*	*1*

Lab Sample ID: LCS 160-557866/1-A
Matrix: Water
Analysis Batch: 561504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 557866

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	9.355		1.14	1.00	0.281	pCi/L	83	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*95.3*		*40 - 110*

Lab Sample ID: LCSD 160-557866/2-A
Matrix: Water
Analysis Batch: 561504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 557866

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	9.546		1.15	1.00	0.257	pCi/L	84	75 - 125	0.08	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*97.3*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-558008/23-A
Matrix: Water
Analysis Batch: 561271

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 558008

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.01433	U	0.214	0.214	1.00	0.385	pCi/L	03/30/22 12:57	04/20/22 12:13	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:13*	*1*
Y Carrier	*86.4*		*40 - 110*	*03/30/22 12:57*	*04/20/22 12:13*	*1*

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

Lab Sample ID: LCS 160-558008/1-A
Matrix: Water
Analysis Batch: 561270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 558008

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.69	9.629		1.11	1.00	0.381	pCi/L	111	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*95.3*		*40 - 110*
Y Carrier	*86.0*		*40 - 110*

Lab Sample ID: LCSD 160-558008/2-A
Matrix: Water
Analysis Batch: 561270

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 558008

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.69	9.878		1.14	1.00	0.412	pCi/L	114	75 - 125	0.11	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*97.3*		*40 - 110*
Y Carrier	*84.9*		*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

400-217538 COC

Client Information	Sampler: Philip E. / Brett S.	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-109436-34082.1
Client Contact: Barry Evans	Phone: 850-336-0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
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 Upgradient E	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

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)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of containers	Special Instructions/Note:
			Preservation Code:			D	N	N	D	N	N		
MW-202	3/25/22	0940	G	Water		x	x	x	x	x	x		1/2gal(HNO3) - 0000280251
MW-203	↓	0951	↓	Water		↓	↓	↓	↓	↓	↓		500ml(None) - 0422101G
MW-204	↓	1051	↓	Water		↓	↓	↓	↓	↓	↓		250(HNO3) - 000280251
MW-205	↓	0840	↓	Water		↓	↓	↓	↓	↓	↓		
DUP-04	3/25/22	1000	G	Water		x	x	x	x	x	x		
				~~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: [signature]	Date/Time: 3/25/22 1435	Company: RDH	Received by: Kathy R[signature]	Date/Time: 3.25.22 1435	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: 2.3° C [illegible] 10

Ver: 06/08/2021

4/26/2022

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217538-2
SDG Number: Upgradient E

Login Number: 217538
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	2.3°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.	False	Limited volume received.
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217538-2
SDG Number: Upgradient E

Login Number: 217538
List Number: 2
Creator: Johnson, Autumn R

List Source: Eurofins St. Louis
List Creation: 03/29/22 02:22 PM

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

Accreditation/Certification Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217538-2
SDG: Upgradient E

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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: 400-217651-1
Laboratory Sample Delivery Group: GSA Deliniation Sampling
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 6:12:57 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: 400-217651-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217651-1

Metals

Method 6020: The ICV for batch 400-573081 passed recovery/accuracy criteria which serves the ICV purpose of verifying the calibration standards. The replicate RSD for the elements were outside of the criteria for standards but within the criteria for field samples. Data has therefore been reported and narrated accordingly. (ICV 400-573081/11)

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-573010 and analytical batch 400-573081 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 samples are unable to be ran at 1x due to high concentration of Boron. Therefore, all analytes are able to be reported at higher dilutions. PZ-200S (400-217651-1) and GSA-2S (400-217651-3)

Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-217651-1) and GSA-2S (400-217651-3). Elevated reporting limits (RLs) are provided.

Method 6020: The post digestion spike % recovery for Arsenic, Boron, Barium, Beryllium, Calcium, Cadmium, Chromium, Cobalt, Molybdenum, Lead, Antimony, Thallium, Selenium and Lithium associated with batch 400-573081 was outside of control limits. The associated sample is: (400-217857-C-1-E PDS ^5).

General Chemistry

Method SM 4500 Cl- E: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-217651-1), (400-217651-B-1 MS) and (400-217651-B-1 MSD). Elevated reporting limits (RLs) are provided.

Method SM 4500 Cl- E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 400-573861 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 following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-217651-1) and GSA-2S (400-217651-3). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-573877 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: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: PZ-200S — Lab Sample ID: 400-217651-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0039		0.0013	0.0012	mg/L	5		6020	Total Recoverable
Barium	0.059		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	9.7		1.0	0.024	mg/L	100		6020	Total Recoverable
Cadmium	0.00087	I	0.0025	0.00065	mg/L	5		6020	Total Recoverable
Calcium	180		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0011	I	0.0025	0.0010	mg/L	5		6020	Total Recoverable
Cobalt	0.0015	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0026		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Mercury	0.00025		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	1100		10	10	mg/L	1		SM 2540C	Total/NA
Chloride	340		8.0	5.6	mg/L	4		SM 4500 Cl- E	Total/NA
Sulfate	150		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.04				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-200D — Lab Sample ID: 400-217651-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00028		0.00025	0.00024	mg/L	1		6020	Total Recoverable
Barium	0.030		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.031		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	4.4		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.00070		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	70		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.090	I	0.10	0.070	mg/L	1		SM 4500 F C	Total/NA
Sulfate	11		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.24				SU	1		Field Sampling	Total/NA

Client Sample ID: GSA-2S — Lab Sample ID: 400-217651-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.034		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.5		0.50	0.012	mg/L	50		6020	Total Recoverable
Calcium	61		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0013	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0020		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	430		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	92		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: GSA-2S (Continued) — Lab Sample ID: 400-217651-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	58		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.52				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-201D — Lab Sample ID: 400-217651-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00041		0.00025	0.00024	mg/L	1		6020	Total Recoverable
Barium	0.056		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.021		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	5.5		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0030		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00030	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0075		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Molybdenum	0.00085	I	0.0030	0.00026	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	42		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	4.6	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.46				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-203D — Lab Sample ID: 400-217651-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00070		0.00025	0.00024	mg/L	1		6020	Total Recoverable
Barium	0.014		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.019		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	1.8		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.00041	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0095		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	30		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	6.1		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	5.99				SU	1		Field Sampling	Total/NA

Client Sample ID: MW2032/GE-1D — Lab Sample ID: 400-217651-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.024		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.015		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	6.9		0.050	0.025	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW2032/GE-1D (Continued) — Lab Sample ID: 400-217651-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0020		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.0065		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Lithium	0.0021		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	120		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	24		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	2.6	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	5.06				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 400-217651-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.057		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.022		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	5.5		0.050	0.025	mg/L	1		6020	Total Recoverable
Chromium	0.0042		0.00050	0.00020	mg/L	1		6020	Total Recoverable
Cobalt	0.00032	I	0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lithium	0.0081		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	60		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	4.3	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.46				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-02 — Lab Sample ID: 400-217651-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.024		0.00050	0.00014	mg/L	1		6020	Total Recoverable
Boron	0.015		0.010	0.00024	mg/L	1		6020	Total Recoverable
Calcium	6.3		0.050	0.025	mg/L	1		6020	Total Recoverable
Cobalt	0.0020		0.00050	0.00011	mg/L	1		6020	Total Recoverable
Lead	0.00025		0.00025	0.00016	mg/L	1		6020	Total Recoverable
Lithium	0.0023		0.0010	0.00098	mg/L	1		6020	Total Recoverable
Total Dissolved Solids	70		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	20		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	2.4	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	5.06				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: 400-217651-1
SDG: GSA Deliniation Sampling

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217651-1	PZ-200S	Water	03/29/22 15:10	03/29/22 15:30
400-217651-2	PZ-200D	Water	03/29/22 10:35	03/29/22 15:30
400-217651-3	GSA-2S	Water	03/29/22 13:25	03/29/22 15:30
400-217651-4	PZ-201D	Water	03/28/22 16:00	03/29/22 15:30
400-217651-5	PZ-203D	Water	03/28/22 11:00	03/29/22 15:30
400-217651-6	MW2032/GE-1D	Water	03/29/22 12:30	03/29/22 15:30
400-217651-7	DUP-01	Water	03/28/22 15:00	03/29/22 15:30
400-217651-8	DUP-02	Water	03/29/22 11:30	03/29/22 15:30

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: PZ-200S

Date Collected: 03/29/22 15:10
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-1

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/07/22 14:17	04/07/22 18:49	5
Arsenic	**0.0039**		0.0013	0.0012	mg/L		04/07/22 14:17	04/07/22 18:49	5
Barium	**0.059**		0.0025	0.00070	mg/L		04/07/22 14:17	04/07/22 18:49	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		04/07/22 14:17	04/07/22 18:49	5
Boron	**9.7**		1.0	0.024	mg/L		04/07/22 14:17	04/08/22 15:13	100
Cadmium	**0.00087**	**I**	0.0025	0.00065	mg/L		04/07/22 14:17	04/07/22 18:49	5
Calcium	**180**		0.25	0.13	mg/L		04/07/22 14:17	04/07/22 18:49	5
Chromium	**0.0011**	**I**	0.0025	0.0010	mg/L		04/07/22 14:17	04/07/22 18:49	5
Cobalt	**0.0015**	**I**	0.0025	0.00056	mg/L		04/07/22 14:17	04/07/22 18:49	5
Lead	0.00081	U	0.0013	0.00081	mg/L		04/07/22 14:17	04/07/22 18:49	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		04/07/22 14:17	04/07/22 18:49	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		04/07/22 14:17	04/07/22 18:49	5
Selenium	**0.0026**		0.0013	0.00082	mg/L		04/07/22 14:17	04/07/22 18:49	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		04/07/22 14:17	04/07/22 18:49	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00025**		0.00020	0.00015	mg/L		04/06/22 12:38	04/07/22 11:50	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1100**		10	10	mg/L			03/30/22 13:56	1
Chloride	**340**		8.0	5.6	mg/L			04/13/22 15:09	4
Fluoride	0.070	U	0.10	0.070	mg/L			04/14/22 15:07	1
Sulfate	**150**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.04**				SU			03/29/22 15:10	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: PZ-200D

Date Collected: 03/29/22 10:35
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-2

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/07/22 14:17	04/08/22 15:16	1
Arsenic	**0.00028**		0.00025	0.00024	mg/L		04/07/22 14:17	04/08/22 15:16	1
Barium	**0.030**		0.00050	0.00014	mg/L		04/07/22 14:17	04/08/22 15:16	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/07/22 14:17	04/08/22 15:16	1
Boron	**0.031**		0.010	0.00024	mg/L		04/07/22 14:17	04/08/22 15:16	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/07/22 14:17	04/08/22 15:16	1
Calcium	**4.4**		0.050	0.025	mg/L		04/07/22 14:17	04/08/22 15:16	1
Chromium	**0.00070**		0.00050	0.00020	mg/L		04/07/22 14:17	04/08/22 15:16	1
Cobalt	0.00011	U	0.00050	0.00011	mg/L		04/07/22 14:17	04/08/22 15:16	1
Lead	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:16	1
Lithium	0.00098	U	0.0010	0.00098	mg/L		04/07/22 14:17	04/08/22 15:16	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		04/07/22 14:17	04/08/22 15:16	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:16	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/07/22 14:17	04/08/22 15:16	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 12:38	04/07/22 11:52	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**70**		5.0	5.0	mg/L			03/30/22 13:56	1
Chloride	**3.2**		2.0	1.4	mg/L			04/13/22 15:09	1
Fluoride	**0.090**	**I**	0.10	0.070	mg/L			04/14/22 14:36	1
Sulfate	**11**		5.0	1.4	mg/L			04/14/22 10:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.24**				SU			03/29/22 10:35	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: GSA-2S

Date Collected: 03/29/22 13:25
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-3

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/07/22 14:17	04/07/22 18:56	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		04/07/22 14:17	04/07/22 18:56	5
Barium	**0.034**		0.0025	0.00070	mg/L		04/07/22 14:17	04/07/22 18:56	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		04/07/22 14:17	04/07/22 18:56	5
Boron	**2.5**		0.50	0.012	mg/L		04/07/22 14:17	04/08/22 15:23	50
Cadmium	0.00065	U	0.0025	0.00065	mg/L		04/07/22 14:17	04/07/22 18:56	5
Calcium	**61**		0.25	0.13	mg/L		04/07/22 14:17	04/07/22 18:56	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/07/22 14:17	04/07/22 18:56	5
Cobalt	**0.0013**	**I**	0.0025	0.00056	mg/L		04/07/22 14:17	04/07/22 18:56	5
Lead	0.00081	U	0.0013	0.00081	mg/L		04/07/22 14:17	04/07/22 18:56	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		04/07/22 14:17	04/07/22 18:56	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		04/07/22 14:17	04/07/22 18:56	5
Selenium	**0.0020**		0.0013	0.00082	mg/L		04/07/22 14:17	04/07/22 18:56	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		04/07/22 14:17	04/07/22 18:56	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		04/06/22 12:38	04/07/22 11:58	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**430**		5.0	5.0	mg/L			03/30/22 13:56	1
Chloride	**92**		2.0	1.4	mg/L			04/13/22 15:09	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/14/22 14:45	1
Sulfate	**58**		25	7.0	mg/L			04/14/22 10:10	5

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.52**				SU			03/29/22 13:25	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: PZ-201D
Date Collected: 03/28/22 16:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-4
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/07/22 14:17	04/08/22 15:26	1
Arsenic	**0.00041**		0.00025	0.00024	mg/L		04/07/22 14:17	04/08/22 15:26	1
Barium	**0.056**		0.00050	0.00014	mg/L		04/07/22 14:17	04/08/22 15:26	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/07/22 14:17	04/08/22 15:26	1
Boron	**0.021**		0.010	0.00024	mg/L		04/07/22 14:17	04/08/22 15:26	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/07/22 14:17	04/08/22 15:26	1
Calcium	**5.5**		0.050	0.025	mg/L		04/07/22 14:17	04/08/22 15:26	1
Chromium	**0.0030**		0.00050	0.00020	mg/L		04/07/22 14:17	04/08/22 15:26	1
Cobalt	**0.00030**	**I**	0.00050	0.00011	mg/L		04/07/22 14:17	04/08/22 15:26	1
Lead	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:26	1
Lithium	**0.0075**		0.0010	0.00098	mg/L		04/07/22 14:17	04/08/22 15:26	1
Molybdenum	**0.00085**	**I**	0.0030	0.00026	mg/L		04/07/22 14:17	04/08/22 15:26	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:26	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/07/22 14:17	04/08/22 15:26	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		04/06/22 12:38	04/07/22 12:00	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**42**		5.0	5.0	mg/L			03/30/22 13:56	1
Chloride	**3.0**		2.0	1.4	mg/L			04/13/22 15:09	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/14/22 14:48	1
Sulfate	**4.6**	**I**	5.0	1.4	mg/L			04/14/22 10:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.46**				SU			03/28/22 16:00	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: PZ-203D

Date Collected: 03/28/22 11:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-5

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/07/22 14:17	04/08/22 15:29	1
Arsenic	**0.00070**		0.00025	0.00024	mg/L		04/07/22 14:17	04/08/22 15:29	1
Barium	**0.014**		0.00050	0.00014	mg/L		04/07/22 14:17	04/08/22 15:29	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/07/22 14:17	04/08/22 15:29	1
Boron	**0.019**		0.010	0.00024	mg/L		04/07/22 14:17	04/08/22 15:29	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/07/22 14:17	04/08/22 15:29	1
Calcium	**1.8**		0.050	0.025	mg/L		04/07/22 14:17	04/08/22 15:29	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/07/22 14:17	04/08/22 15:29	1
Cobalt	**0.00041**	**I**	0.00050	0.00011	mg/L		04/07/22 14:17	04/08/22 15:29	1
Lead	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:29	1
Lithium	**0.0095**		0.0010	0.00098	mg/L		04/07/22 14:17	04/08/22 15:29	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		04/07/22 14:17	04/08/22 15:29	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:29	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/07/22 14:17	04/08/22 15:29	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		04/06/22 12:38	04/07/22 12:02	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**30**		5.0	5.0	mg/L			03/30/22 13:56	1
Chloride	**3.1**		2.0	1.4	mg/L			04/14/22 08:24	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/14/22 14:51	1
Sulfate	**6.1**		5.0	1.4	mg/L			04/14/22 10:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.99**				SU			03/28/22 11:00	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: MW2032/GE-1D

Date Collected: 03/29/22 12:30
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-6

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/07/22 14:17	04/08/22 15:33	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		04/07/22 14:17	04/08/22 15:33	1
Barium	**0.024**		0.00050	0.00014	mg/L		04/07/22 14:17	04/08/22 15:33	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/07/22 14:17	04/08/22 15:33	1
Boron	**0.015**		0.010	0.00024	mg/L		04/07/22 14:17	04/08/22 15:33	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/07/22 14:17	04/08/22 15:33	1
Calcium	**6.9**		0.050	0.025	mg/L		04/07/22 14:17	04/08/22 15:33	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/07/22 14:17	04/08/22 15:33	1
Cobalt	**0.0020**		0.00050	0.00011	mg/L		04/07/22 14:17	04/08/22 15:33	1
Lead	**0.0065**		0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:33	1
Lithium	**0.0021**		0.0010	0.00098	mg/L		04/07/22 14:17	04/08/22 15:33	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		04/07/22 14:17	04/08/22 15:33	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:33	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/07/22 14:17	04/08/22 15:33	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 12:38	04/07/22 12:04	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**120**		5.0	5.0	mg/L			03/30/22 14:07	1
Chloride	**24**		2.0	1.4	mg/L			04/14/22 08:24	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/14/22 14:55	1
Sulfate	**2.6**	**I**	5.0	1.4	mg/L			04/14/22 10:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.06**				SU			03/29/22 12:30	1

Client Sample ID: DUP-01
Date Collected: 03/28/22 15:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-7
Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/07/22 14:17	04/08/22 15:36	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		04/07/22 14:17	04/11/22 16:37	1
Barium	**0.057**		0.00050	0.00014	mg/L		04/07/22 14:17	04/08/22 15:36	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/07/22 14:17	04/08/22 15:36	1
Boron	**0.022**		0.010	0.00024	mg/L		04/07/22 14:17	04/08/22 15:36	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/07/22 14:17	04/08/22 15:36	1
Calcium	**5.5**		0.050	0.025	mg/L		04/07/22 14:17	04/08/22 15:36	1
Chromium	**0.0042**		0.00050	0.00020	mg/L		04/07/22 14:17	04/08/22 15:36	1
Cobalt	**0.00032**	**I**	0.00050	0.00011	mg/L		04/07/22 14:17	04/08/22 15:36	1
Lead	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:36	1
Lithium	**0.0081**		0.0010	0.00098	mg/L		04/07/22 14:17	04/08/22 15:36	1
Molybdenum	**0.0011**	**I**	0.0030	0.00026	mg/L		04/07/22 14:17	04/08/22 15:36	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:36	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/07/22 14:17	04/08/22 15:36	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 12:38	04/07/22 12:05	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**60**		5.0	5.0	mg/L			03/30/22 14:07	1
Chloride	**3.0**		2.0	1.4	mg/L			04/14/22 08:24	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/14/22 14:59	1
Sulfate	**4.3**	**I**	5.0	1.4	mg/L			04/14/22 10:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.46**				SU			03/28/22 15:00	1

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: DUP-02

Date Collected: 03/29/22 11:30
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-8

Matrix: Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00030	U	0.00050	0.00030	mg/L		04/07/22 14:17	04/08/22 15:39	1
Arsenic	0.00024	U	0.00025	0.00024	mg/L		04/07/22 14:17	04/08/22 15:39	1
Barium	**0.024**		0.00050	0.00014	mg/L		04/07/22 14:17	04/08/22 15:39	1
Beryllium	0.00018	U	0.00050	0.00018	mg/L		04/07/22 14:17	04/08/22 15:39	1
Boron	**0.015**		0.010	0.00024	mg/L		04/07/22 14:17	04/08/22 15:39	1
Cadmium	0.00013	U	0.00050	0.00013	mg/L		04/07/22 14:17	04/08/22 15:39	1
Calcium	**6.3**		0.050	0.025	mg/L		04/07/22 14:17	04/08/22 15:39	1
Chromium	0.00020	U	0.00050	0.00020	mg/L		04/07/22 14:17	04/08/22 15:39	1
Cobalt	**0.0020**		0.00050	0.00011	mg/L		04/07/22 14:17	04/08/22 15:39	1
Lead	**0.00025**		0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:39	1
Lithium	**0.0023**		0.0010	0.00098	mg/L		04/07/22 14:17	04/08/22 15:39	1
Molybdenum	0.00026	U	0.0030	0.00026	mg/L		04/07/22 14:17	04/08/22 15:39	1
Selenium	0.00016	U	0.00025	0.00016	mg/L		04/07/22 14:17	04/08/22 15:39	1
Thallium	0.000092	U	0.00010	0.000092	mg/L		04/07/22 14:17	04/08/22 15:39	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 13:21	04/07/22 12:22	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**70**		5.0	5.0	mg/L			03/30/22 14:07	1
Chloride	**20**		2.0	1.4	mg/L			04/14/22 08:24	1
Fluoride	0.070	U	0.10	0.070	mg/L			04/14/22 15:02	1
Sulfate	**2.4**	**I**	5.0	1.4	mg/L			04/14/22 10:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.06**				SU			03/29/22 11:30	1

Qualifiers

Metals

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

General Chemistry

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

Glossary

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

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-1
SDG: GSA Deliniation Sampling

Client Sample ID: PZ-200S
Date Collected: 03/29/22 15:10
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	573081	04/07/22 18:49	KIS	TAL PEN
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		100	573326	04/08/22 15:13	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:50	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571994	03/30/22 13:56	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		4	573782	04/13/22 15:09	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 15:07	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/29/22 15:10	EHS	TAL PEN

Client Sample ID: PZ-200D
Date Collected: 03/29/22 10:35
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	573326	04/08/22 15:16	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:52	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571994	03/30/22 13:56	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573782	04/13/22 15:09	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 14:36	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/29/22 10:35	EHS	TAL PEN

Client Sample ID: GSA-2S
Date Collected: 03/29/22 13:25
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		5	573081	04/07/22 18:56	KIS	TAL PEN
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		50	573326	04/08/22 15:23	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 11:58	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571994	03/30/22 13:56	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573782	04/13/22 15:09	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 14:45	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		5	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/29/22 13:25	EHS	TAL PEN

Client Sample ID: PZ-201D
Date Collected: 03/28/22 16:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	573326	04/08/22 15:26	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 12:00	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571994	03/30/22 13:56	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573782	04/13/22 15:09	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 14:48	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/28/22 16:00	EHS	TAL PEN

Client Sample ID: PZ-203D
Date Collected: 03/28/22 11:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	573326	04/08/22 15:29	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 12:02	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571994	03/30/22 13:56	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573861	04/14/22 08:24	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 14:51	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/28/22 11:00	EHS	TAL PEN

Client Sample ID: MW2032/GE-1D
Date Collected: 03/29/22 12:30
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	573326	04/08/22 15:33	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 12:04	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571997	03/30/22 14:07	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573861	04/14/22 08:24	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 14:55	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/29/22 12:30	EHS	TAL PEN

Client Sample ID: DUP-01

Lab Sample ID: 400-217651-7

Date Collected: 03/28/22 15:00

Matrix: Water

Date Received: 03/29/22 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	573326	04/08/22 15:36	KIS	TAL PEN
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	573524	04/11/22 16:37	KIS	TAL PEN
Total/NA	Prep	7470A			572827	04/06/22 12:38	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 12:05	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571997	03/30/22 14:07	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573861	04/14/22 08:24	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 14:59	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/28/22 15:00	EHS	TAL PEN

Client Sample ID: DUP-02

Lab Sample ID: 400-217651-8

Date Collected: 03/29/22 11:30

Matrix: Water

Date Received: 03/29/22 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			573010	04/07/22 14:17	KWN	TAL PEN
Total Recoverable	Analysis	6020		1	573326	04/08/22 15:39	KIS	TAL PEN
Total/NA	Prep	7470A			572837	04/06/22 13:21	NET	TAL PEN
Total/NA	Analysis	7470A		1	573009	04/07/22 12:22	NET	TAL PEN
Total/NA	Analysis	SM 2540C		1	571997	03/30/22 14:07	VB	TAL PEN
Total/NA	Analysis	SM 4500 Cl- E		1	573861	04/14/22 08:24	RRC	TAL PEN
Total/NA	Analysis	SM 4500 F C		1	573948	04/14/22 15:02	KB	TAL PEN
Total/NA	Analysis	SM 4500 SO4 E		1	573877	04/14/22 10:10	RRC	TAL PEN
Total/NA	Analysis	Field Sampling		1	573528	03/29/22 11:30	EHS	TAL PEN

Laboratory References:

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

Metals

Prep Batch: 572827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	7470A	
400-217651-2	PZ-200D	Total/NA	Water	7470A	
400-217651-3	GSA-2S	Total/NA	Water	7470A	
400-217651-4	PZ-201D	Total/NA	Water	7470A	
400-217651-5	PZ-203D	Total/NA	Water	7470A	
400-217651-6	MW2032/GE-1D	Total/NA	Water	7470A	
400-217651-7	DUP-01	Total/NA	Water	7470A	
MB 400-572827/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-572827/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-217769-A-3-B MS	Matrix Spike	Total/NA	Water	7470A	
400-217769-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 572837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-8	DUP-02	Total/NA	Water	7470A	
MB 400-572837/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-572837/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-217651-8 MS	DUP-02	Total/NA	Water	7470A	
400-217651-8 MSD	DUP-02	Total/NA	Water	7470A	

Analysis Batch: 573009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	7470A	572827
400-217651-2	PZ-200D	Total/NA	Water	7470A	572827
400-217651-3	GSA-2S	Total/NA	Water	7470A	572827
400-217651-4	PZ-201D	Total/NA	Water	7470A	572827
400-217651-5	PZ-203D	Total/NA	Water	7470A	572827
400-217651-6	MW2032/GE-1D	Total/NA	Water	7470A	572827
400-217651-7	DUP-01	Total/NA	Water	7470A	572827
400-217651-8	DUP-02	Total/NA	Water	7470A	572837
MB 400-572827/14-A	Method Blank	Total/NA	Water	7470A	572827
MB 400-572837/14-A	Method Blank	Total/NA	Water	7470A	572837
LCS 400-572827/15-A	Lab Control Sample	Total/NA	Water	7470A	572827
LCS 400-572837/15-A	Lab Control Sample	Total/NA	Water	7470A	572837
400-217651-8 MS	DUP-02	Total/NA	Water	7470A	572837
400-217651-8 MSD	DUP-02	Total/NA	Water	7470A	572837
400-217769-A-3-B MS	Matrix Spike	Total/NA	Water	7470A	572827
400-217769-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	572827

Prep Batch: 573010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total Recoverable	Water	3005A	
400-217651-2	PZ-200D	Total Recoverable	Water	3005A	
400-217651-3	GSA-2S	Total Recoverable	Water	3005A	
400-217651-4	PZ-201D	Total Recoverable	Water	3005A	
400-217651-5	PZ-203D	Total Recoverable	Water	3005A	
400-217651-6	MW2032/GE-1D	Total Recoverable	Water	3005A	
400-217651-7	DUP-01	Total Recoverable	Water	3005A	
400-217651-8	DUP-02	Total Recoverable	Water	3005A	
MB 400-573010/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-573010/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 573010 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217857-C-5-D MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-217857-C-5-E MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 573081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total Recoverable	Water	6020	573010
400-217651-3	GSA-2S	Total Recoverable	Water	6020	573010
MB 400-573010/1-A ^5	Method Blank	Total Recoverable	Water	6020	573010
LCS 400-573010/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	573010
400-217857-C-5-D MS ^5	Matrix Spike	Total Recoverable	Water	6020	573010
400-217857-C-5-E MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	573010

Analysis Batch: 573326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total Recoverable	Water	6020	573010
400-217651-2	PZ-200D	Total Recoverable	Water	6020	573010
400-217651-3	GSA-2S	Total Recoverable	Water	6020	573010
400-217651-4	PZ-201D	Total Recoverable	Water	6020	573010
400-217651-5	PZ-203D	Total Recoverable	Water	6020	573010
400-217651-6	MW2032/GE-1D	Total Recoverable	Water	6020	573010
400-217651-7	DUP-01	Total Recoverable	Water	6020	573010
400-217651-8	DUP-02	Total Recoverable	Water	6020	573010

Analysis Batch: 573524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-7	DUP-01	Total Recoverable	Water	6020	573010

General Chemistry

Analysis Batch: 571994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	SM 2540C	
400-217651-2	PZ-200D	Total/NA	Water	SM 2540C	
400-217651-3	GSA-2S	Total/NA	Water	SM 2540C	
400-217651-4	PZ-201D	Total/NA	Water	SM 2540C	
400-217651-5	PZ-203D	Total/NA	Water	SM 2540C	
MB 400-571994/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-571994/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-217620-A-11 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 571997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-6	MW2032/GE-1D	Total/NA	Water	SM 2540C	
400-217651-7	DUP-01	Total/NA	Water	SM 2540C	
400-217651-8	DUP-02	Total/NA	Water	SM 2540C	
MB 400-571997/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-571997/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-217651-6 DU	MW2032/GE-1D	Total/NA	Water	SM 2540C	

General Chemistry

Analysis Batch: 573782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	SM 4500 Cl- E	
400-217651-2	PZ-200D	Total/NA	Water	SM 4500 Cl- E	
400-217651-3	GSA-2S	Total/NA	Water	SM 4500 Cl- E	
400-217651-4	PZ-201D	Total/NA	Water	SM 4500 Cl- E	
MB 400-573782/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-573782/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-573782/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-217651-1 MS	PZ-200S	Total/NA	Water	SM 4500 Cl- E	
400-217651-1 MSD	PZ-200S	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 573861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-5	PZ-203D	Total/NA	Water	SM 4500 Cl- E	
400-217651-6	MW2032/GE-1D	Total/NA	Water	SM 4500 Cl- E	
400-217651-7	DUP-01	Total/NA	Water	SM 4500 Cl- E	
400-217651-8	DUP-02	Total/NA	Water	SM 4500 Cl- E	
MB 400-573861/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-573861/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-573861/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-217651-5 MS	PZ-203D	Total/NA	Water	SM 4500 Cl- E	
400-217651-5 MSD	PZ-203D	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 573877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	SM 4500 SO4 E	
400-217651-2	PZ-200D	Total/NA	Water	SM 4500 SO4 E	
400-217651-3	GSA-2S	Total/NA	Water	SM 4500 SO4 E	
400-217651-4	PZ-201D	Total/NA	Water	SM 4500 SO4 E	
400-217651-5	PZ-203D	Total/NA	Water	SM 4500 SO4 E	
400-217651-6	MW2032/GE-1D	Total/NA	Water	SM 4500 SO4 E	
400-217651-7	DUP-01	Total/NA	Water	SM 4500 SO4 E	
400-217651-8	DUP-02	Total/NA	Water	SM 4500 SO4 E	
MB 400-573877/43	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-573877/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-573877/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-217651-4 MS	PZ-201D	Total/NA	Water	SM 4500 SO4 E	
400-217651-4 MSD	PZ-201D	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 573948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	SM 4500 F C	
400-217651-2	PZ-200D	Total/NA	Water	SM 4500 F C	
400-217651-3	GSA-2S	Total/NA	Water	SM 4500 F C	
400-217651-4	PZ-201D	Total/NA	Water	SM 4500 F C	
400-217651-5	PZ-203D	Total/NA	Water	SM 4500 F C	
400-217651-6	MW2032/GE-1D	Total/NA	Water	SM 4500 F C	
400-217651-7	DUP-01	Total/NA	Water	SM 4500 F C	
400-217651-8	DUP-02	Total/NA	Water	SM 4500 F C	
MB 400-573948/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-573948/6	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-217651-2 MS	PZ-200D	Total/NA	Water	SM 4500 F C	

General Chemistry (Continued)

Analysis Batch: 573948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-2 MSD	PZ-200D	Total/NA	Water	SM 4500 F C	
400-218103-K-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-218103-K-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 573528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	Field Sampling	
400-217651-2	PZ-200D	Total/NA	Water	Field Sampling	
400-217651-3	GSA-2S	Total/NA	Water	Field Sampling	
400-217651-4	PZ-201D	Total/NA	Water	Field Sampling	
400-217651-5	PZ-203D	Total/NA	Water	Field Sampling	
400-217651-6	MW2032/GE-1D	Total/NA	Water	Field Sampling	
400-217651-7	DUP-01	Total/NA	Water	Field Sampling	
400-217651-8	DUP-02	Total/NA	Water	Field Sampling	

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-573010/1-A ^5
Matrix: Water
Analysis Batch: 573081

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 573010

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		04/07/22 14:17	04/07/22 17:47	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		04/07/22 14:17	04/07/22 17:47	5
Barium	0.00070	U	0.0025	0.00070	mg/L		04/07/22 14:17	04/07/22 17:47	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		04/07/22 14:17	04/07/22 17:47	5
Boron	0.0012	U	0.050	0.0012	mg/L		04/07/22 14:17	04/07/22 17:47	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		04/07/22 14:17	04/07/22 17:47	5
Calcium	0.13	U	0.25	0.13	mg/L		04/07/22 14:17	04/07/22 17:47	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		04/07/22 14:17	04/07/22 17:47	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		04/07/22 14:17	04/07/22 17:47	5
Lead	0.00081	U	0.0013	0.00081	mg/L		04/07/22 14:17	04/07/22 17:47	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		04/07/22 14:17	04/07/22 17:47	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		04/07/22 14:17	04/07/22 17:47	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		04/07/22 14:17	04/07/22 17:47	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		04/07/22 14:17	04/07/22 17:47	5

Lab Sample ID: LCS 400-573010/2-A ^5
Matrix: Water
Analysis Batch: 573081

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 573010

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	0.0540		mg/L		108	80 - 120
Barium	0.0500	0.0522		mg/L		104	80 - 120
Beryllium	0.0500	0.0540		mg/L		108	80 - 120
Boron	0.100	0.0944		mg/L		94	80 - 120
Cadmium	0.0500	0.0547		mg/L		109	80 - 120
Calcium	5.00	5.04		mg/L		101	80 - 120
Chromium	0.0500	0.0518		mg/L		104	80 - 120
Cobalt	0.0500	0.0517		mg/L		103	80 - 120
Lead	0.0500	0.0510		mg/L		102	80 - 120
Lithium	0.0500	0.0541		mg/L		108	80 - 120
Molybdenum	0.0500	0.0515		mg/L		103	80 - 120
Selenium	0.0500	0.0516		mg/L		103	80 - 120
Thallium	0.0100	0.0103		mg/L		103	80 - 120

Lab Sample ID: 400-217857-C-5-D MS ^5
Matrix: Water
Analysis Batch: 573081

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 573010

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0539		mg/L		108	75 - 125
Arsenic	0.0013		0.0500	0.0536		mg/L		104	75 - 125
Barium	0.0056		0.0500	0.0578		mg/L		104	75 - 125
Beryllium	0.00092	U	0.0500	0.0545		mg/L		109	75 - 125
Boron	0.043	I	0.100	0.128		mg/L		84	75 - 125
Cadmium	0.00065	U	0.0500	0.0523		mg/L		105	75 - 125
Calcium	0.33		5.00	5.57		mg/L		105	75 - 125
Chromium	0.0032		0.0500	0.0545		mg/L		103	75 - 125
Cobalt	0.00072	I	0.0500	0.0522		mg/L		103	75 - 125

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

Lab Sample ID: 400-217857-C-5-D MS ^5
Matrix: Water
Analysis Batch: 573081

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 573010

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.00081	U	0.0500	0.0531		mg/L		106	75 - 125
Lithium	0.0049	U	0.0500	0.0522		mg/L		104	75 - 125
Molybdenum	0.0013	U	0.0500	0.0519		mg/L		104	75 - 125
Selenium	0.00082	U	0.0500	0.0523		mg/L		105	75 - 125
Thallium	0.00046	U	0.0100	0.0105		mg/L		105	75 - 125

Lab Sample ID: 400-217857-C-5-E MSD ^5
Matrix: Water
Analysis Batch: 573081

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 573010

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	0.0013		0.0500	0.0525		mg/L		102	75 - 125	2	20
Barium	0.0056		0.0500	0.0582		mg/L		105	75 - 125	1	20
Beryllium	0.00092	U	0.0500	0.0520		mg/L		104	75 - 125	5	20
Cadmium	0.00065	U	0.0500	0.0507		mg/L		101	75 - 125	3	20
Calcium	0.33		5.00	5.36		mg/L		101	75 - 125	4	20
Chromium	0.0032		0.0500	0.0537		mg/L		101	75 - 125	2	20
Cobalt	0.00072	I	0.0500	0.0532		mg/L		105	75 - 125	2	20
Lead	0.00081	U	0.0500	0.0525		mg/L		105	75 - 125	1	20
Lithium	0.0049	U	0.0500	0.0518		mg/L		104	75 - 125	1	20
Molybdenum	0.0013	U	0.0500	0.0510		mg/L		102	75 - 125	2	20
Selenium	0.00082	U	0.0500	0.0515		mg/L		103	75 - 125	1	20
Thallium	0.00046	U	0.0100	0.0105		mg/L		105	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-572827/14-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572827

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 12:38	04/07/22 11:20	1

Lab Sample ID: LCS 400-572827/15-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.000971		mg/L		96	80 - 120

Lab Sample ID: 400-217769-A-3-B MS
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 572827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00166		mg/L		82	80 - 120

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

Lab Sample ID: 400-217769-A-3-C MSD
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 572827

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	0.00161		mg/L		80	80 - 120	3	20

Lab Sample ID: MB 400-572837/14-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572837

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 13:21	04/07/22 12:15	1

Lab Sample ID: LCS 400-572837/15-A
Matrix: Water
Analysis Batch: 573009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572837

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: 400-217651-8 MS
Matrix: Water
Analysis Batch: 573009

Client Sample ID: DUP-02
Prep Type: Total/NA
Prep Batch: 572837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00174		mg/L		86	80 - 120

Lab Sample ID: 400-217651-8 MSD
Matrix: Water
Analysis Batch: 573009

Client Sample ID: DUP-02
Prep Type: Total/NA
Prep Batch: 572837

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	0.00173		mg/L		86	80 - 120	1	20

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

Lab Sample ID: MB 400-571994/1
Matrix: Water
Analysis Batch: 571994

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			03/30/22 13:56	1

Lab Sample ID: LCS 400-571994/2
Matrix: Water
Analysis Batch: 571994

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

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

Lab Sample ID: 400-217620-A-11 DU
Matrix: Water
Analysis Batch: 571994

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	440			422		mg/L				4	5

Lab Sample ID: MB 400-571997/1
Matrix: Water
Analysis Batch: 571997

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			03/30/22 14:07	1

Lab Sample ID: LCS 400-571997/2
Matrix: Water
Analysis Batch: 571997

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	300		mg/L		102	78 - 122		

Lab Sample ID: 400-217651-6 DU
Matrix: Water
Analysis Batch: 571997

Client Sample ID: MW2032/GE-1D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	120			184		mg/L				45	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-573782/13
Matrix: Water
Analysis Batch: 573782

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			04/13/22 15:09	1

Lab Sample ID: LCS 400-573782/14
Matrix: Water
Analysis Batch: 573782

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	46.3		mg/L		93	90 - 110		

Lab Sample ID: MRL 400-573782/15
Matrix: Water
Analysis Batch: 573782

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			2.00	2.18		mg/L		109	50 - 150		

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

Lab Sample ID: 400-217651-1 MS
Matrix: Water
Analysis Batch: 573782

Client Sample ID: PZ-200S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	340		10.0	351	J3	mg/L		72	73 - 120

Lab Sample ID: 400-217651-1 MSD
Matrix: Water
Analysis Batch: 573782

Client Sample ID: PZ-200S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	340		10.0	352		mg/L		84	73 - 120	0	8

Lab Sample ID: MB 400-573861/13
Matrix: Water
Analysis Batch: 573861

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			04/14/22 08:24	1

Lab Sample ID: LCS 400-573861/14
Matrix: Water
Analysis Batch: 573861

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	45.9		mg/L		92	90 - 110

Lab Sample ID: MRL 400-573861/15
Matrix: Water
Analysis Batch: 573861

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.00	2.29		mg/L		115	50 - 150

Lab Sample ID: 400-217651-5 MS
Matrix: Water
Analysis Batch: 573861

Client Sample ID: PZ-203D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.1		10.0	16.6	J3	mg/L		136	73 - 120

Lab Sample ID: 400-217651-5 MSD
Matrix: Water
Analysis Batch: 573861

Client Sample ID: PZ-203D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.1		10.0	11.9	J3	mg/L		88	73 - 120	34	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-573948/3
Matrix: Water
Analysis Batch: 573948

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			04/14/22 14:25	1

Lab Sample ID: LCS 400-573948/6
Matrix: Water
Analysis Batch: 573948

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	4.85		mg/L		97	90 - 110

Lab Sample ID: 400-217651-2 MS
Matrix: Water
Analysis Batch: 573948

Client Sample ID: PZ-200D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.090	I	1.00	1.08		mg/L		99	75 - 125

Lab Sample ID: 400-217651-2 MSD
Matrix: Water
Analysis Batch: 573948

Client Sample ID: PZ-200D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.090	I	1.00	1.08		mg/L		99	75 - 125	0	4

Lab Sample ID: 400-218103-K-1 MS
Matrix: Water
Analysis Batch: 573948

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	0.37		1.00	1.38		mg/L		101	75 - 125

Lab Sample ID: 400-218103-K-1 MSD
Matrix: Water
Analysis Batch: 573948

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	0.37		1.00	1.41		mg/L		104	75 - 125	2	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-573877/43
Matrix: Water
Analysis Batch: 573877

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			04/14/22 10:10	1

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

Lab Sample ID: LCS 400-573877/13
Matrix: Water
Analysis Batch: 573877

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	16.2		mg/L		108	90 - 110		

Lab Sample ID: MRL 400-573877/14
Matrix: Water
Analysis Batch: 573877

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	4.66	I	mg/L		93	50 - 150		

Lab Sample ID: 400-217651-4 MS
Matrix: Water
Analysis Batch: 573877

Client Sample ID: PZ-201D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	4.6	I	10.0	10.6	J3	mg/L		60	77 - 128		

Lab Sample ID: 400-217651-4 MSD
Matrix: Water
Analysis Batch: 573877

Client Sample ID: PZ-201D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	4.6	I	10.0	10.9	J3	mg/L		63	77 - 128	3	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: Philip Evans	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-109437-23631.1
Client Contact: Barry Evans	Phone: 850-336 0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000393131			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC GSA Delineation Sampling	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of Containers
PZ-200S	3/29/22	1510	G	Water			X	X	X	X	X	X	
PZ-200D	3/29/22	1035		Water									
GSA-2S	3/29/22	1325		Water									
PZ-201D	3/28/22	1600		Water									
PZ-203D	3/28/22	1100		Water									
MW2032/GE-1D	3/29/22	1230		Water									
DUP-01	3/28/22	1500		Water									
DUP-02	3/29/22	1130	G	Water			X	X	X	X	X	X	

Preservation Codes:

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

Other:

Lot #'s

Special Instructions/Note:

1/2gal (HNO3) - 0000280251
1L (None) - 0422101G
250 (HNO3) - 0000280251

400-217651 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: 3/29/22 1530	Company RDM	Received by: Kathy R Avery
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time:	Company
3.29.22 1530	EGTS

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

Cooler Temperature(s) °C and Other Remarks: 3.4, 5.6°C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217651-1
SDG Number: GSA Deliniation Sampling

Login Number: 217651
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	3.4, 5.6°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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: 400-217651-1
SDG: GSA Deliniation Sampling

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: 400-217651-2
Laboratory Sample Delivery Group: GSA Delineation Sampling
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:
4/29/2022 5:13:50 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: 400-217651-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-217651-2

Receipt
The samples were received on 3/29/2022 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 3.4º C and 5.6º C.

RAD
Method 9315: Radium-226 prep batch 160-558514. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. PZ-200S (400-217651-1), PZ-200D (400-217651-2), GSA-2S (400-217651-3), PZ-201D (400-217651-4), PZ-203D (400-217651-5), MW2032/GE-1D (400-217651-6), DUP-01 (400-217651-7), DUP-02 (400-217651-8), (LCS 160-558514/1-A), (LCSD 160-558514/2-A) and (MB 160-558514/22-A)

Method 9320: Radium 228 batch 558519. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. PZ-200S (400-217651-1), PZ-200D (400-217651-2), GSA-2S (400-217651-3), PZ-201D (400-217651-4), PZ-203D (400-217651-5), MW2032/GE-1D (400-217651-6), DUP-01 (400-217651-7), DUP-02 (400-217651-8), (LCS 160-558519/1-A), (LCSD 160-558519/2-A) and (MB 160-558519/22-A)

Method PrecSep-21: An LCS/LCSD was prepared with the following samples in batch 160-558514 due to potential matrix interference: PZ-200S (400-217651-1), PZ-200D (400-217651-2), GSA-2S (400-217651-3), PZ-201D (400-217651-4), PZ-203D (400-217651-5), MW2032/GE-1D (400-217651-6), DUP-01 (400-217651-7) and DUP-02 (400-217651-8).

Method Summary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-2
SDG: GSA Delineation Sampling

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

Protocol References:

None = None

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

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

Laboratory References:

TAL SL = Eurofins 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: 400-217651-2
SDG: GSA Delineation Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-217651-1	PZ-200S	Water	03/29/22 15:10	03/29/22 15:30
400-217651-2	PZ-200D	Water	03/29/22 10:35	03/29/22 15:30
400-217651-3	GSA-2S	Water	03/29/22 13:25	03/29/22 15:30
400-217651-4	PZ-201D	Water	03/28/22 16:00	03/29/22 15:30
400-217651-5	PZ-203D	Water	03/28/22 11:00	03/29/22 15:30
400-217651-6	MW2032/GE-1D	Water	03/29/22 12:30	03/29/22 15:30
400-217651-7	DUP-01	Water	03/28/22 15:00	03/29/22 15:30
400-217651-8	DUP-02	Water	03/29/22 11:30	03/29/22 15:30

Client Sample ID: PZ-200S

Date Collected: 03/29/22 15:10
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-1

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	5.25		0.727	0.867	1.00	0.359	pCi/L	04/04/22 18:42	04/28/22 17:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:05*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.70		0.605	0.864	1.00	0.395	pCi/L	04/04/22 18:42	04/28/22 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*
Y Carrier	*82.2*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*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	12.0		0.946	1.22	5.00	0.395	pCi/L		04/29/22 15:45	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200D

Date Collected: 03/29/22 10:35
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-2

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	0.433		0.282	0.285	1.00	0.393	pCi/L	04/04/22 18:42	04/28/22 17:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:06*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.373		0.242	0.244	1.00	0.371	pCi/L	04/04/22 18:42	04/28/22 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*
Y Carrier	*84.5*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*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	0.806		0.372	0.375	5.00	0.393	pCi/L		04/29/22 15:45	1

Client Sample Results

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-2
SDG: GSA Delineation Sampling

Client Sample ID: GSA-2S

Date Collected: 03/29/22 13:25
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-3

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	2.45		0.503	0.549	1.00	0.314	pCi/L	04/04/22 18:42	04/28/22 17:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:59*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.52		0.457	0.560	1.00	0.374	pCi/L	04/04/22 18:42	04/28/22 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*
Y Carrier	*82.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	5.97		0.680	0.784	5.00	0.374	pCi/L		04/29/22 15:45	1

Client Sample ID: PZ-201D

Date Collected: 03/28/22 16:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-4

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	0.331	U	0.260	0.262	1.00	0.386	pCi/L	04/04/22 18:42	04/28/22 17:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:59*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.342	U	0.249	0.251	1.00	0.389	pCi/L	04/04/22 18:42	04/28/22 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*
Y Carrier	*84.5*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*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	**0.673**		0.360	0.363	5.00	0.389	pCi/L		04/29/22 15:45	1

Client Sample ID: PZ-203D

Date Collected: 03/28/22 11:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-5

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	0.0940	U	0.202	0.202	1.00	0.364	pCi/L	04/04/22 18:42	04/28/22 17:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.1*		*40 - 110*	*04/04/22 18:42*	*04/28/22 17:59*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.00895	U	0.224	0.224	1.00	0.403	pCi/L	04/04/22 18:42	04/28/22 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.1*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*
Y Carrier	*84.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*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	0.0850	U	0.302	0.302	5.00	0.403	pCi/L		04/29/22 15:45	1

Client Sample ID: MW2032/GE-1D

Date Collected: 03/29/22 12:30
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-6

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	0.280	U	0.232	0.233	1.00	0.341	pCi/L	04/04/22 18:42	04/28/22 18:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.4*		*40 - 110*	*04/04/22 18:42*	*04/28/22 18:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.56**		0.337	0.366	1.00	0.364	pCi/L	04/04/22 18:42	04/28/22 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.4*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*
Y Carrier	*85.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*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	**1.84**		0.409	0.434	5.00	0.364	pCi/L		04/29/22 15:45	1

Client Sample ID: DUP-01

Date Collected: 03/28/22 15:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-7

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	0.00985	U	0.242	0.242	1.00	0.469	pCi/L	04/04/22 18:42	04/28/22 18:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 18:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.261	U	0.223	0.224	1.00	0.355	pCi/L	04/04/22 18:42	04/28/22 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*1*
Y Carrier	*87.1*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:11*	*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	0.270	U	0.329	0.330	5.00	0.469	pCi/L		04/29/22 15:45	1

Client Sample ID: DUP-02

Date Collected: 03/29/22 11:30
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-8

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	0.459		0.269	0.272	1.00	0.359	pCi/L	04/04/22 18:42	04/28/22 18:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 18:00*	*1*

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.18		0.317	0.335	1.00	0.395	pCi/L	04/04/22 18:42	04/28/22 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:12*	*1*
Y Carrier	*88.2*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:12*	*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	1.64		0.416	0.432	5.00	0.395	pCi/L		04/29/22 15:45	1

Definitions/Glossary

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-2
SDG: GSA Delineation Sampling

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S
Date Collected: 03/29/22 15:10
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562663	04/28/22 17:05	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:11	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: PZ-200D
Date Collected: 03/29/22 10:35
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562631	04/28/22 17:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:11	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: GSA-2S
Date Collected: 03/29/22 13:25
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562631	04/28/22 17:59	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:11	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: PZ-201D
Date Collected: 03/28/22 16:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562631	04/28/22 17:59	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:11	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Lab Chronicle

Client: Gulf Power Company
Project/Site: CCR GCEC

Job ID: 400-217651-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-203D
Date Collected: 03/28/22 11:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562631	04/28/22 17:59	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:11	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: MW2032/GE-1D
Date Collected: 03/29/22 12:30
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562631	04/28/22 18:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:11	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: DUP-01
Date Collected: 03/28/22 15:00
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562631	04/28/22 18:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:11	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

Client Sample ID: DUP-02
Date Collected: 03/29/22 11:30
Date Received: 03/29/22 15:30

Lab Sample ID: 400-217651-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			558514	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9315		1	562631	04/28/22 18:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			558519	04/04/22 18:42	MLK	TAL SL
Total/NA	Analysis	9320		1	562631	04/28/22 12:12	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	562973	04/29/22 15:45	FLC	TAL SL

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

Rad

Prep Batch: 558514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	PrecSep-21	
400-217651-2	PZ-200D	Total/NA	Water	PrecSep-21	
400-217651-3	GSA-2S	Total/NA	Water	PrecSep-21	
400-217651-4	PZ-201D	Total/NA	Water	PrecSep-21	
400-217651-5	PZ-203D	Total/NA	Water	PrecSep-21	
400-217651-6	MW2032/GE-1D	Total/NA	Water	PrecSep-21	
400-217651-7	DUP-01	Total/NA	Water	PrecSep-21	
400-217651-8	DUP-02	Total/NA	Water	PrecSep-21	
MB 160-558514/22-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-558514/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-558514/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 558519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-217651-1	PZ-200S	Total/NA	Water	PrecSep_0	
400-217651-2	PZ-200D	Total/NA	Water	PrecSep_0	
400-217651-3	GSA-2S	Total/NA	Water	PrecSep_0	
400-217651-4	PZ-201D	Total/NA	Water	PrecSep_0	
400-217651-5	PZ-203D	Total/NA	Water	PrecSep_0	
400-217651-6	MW2032/GE-1D	Total/NA	Water	PrecSep_0	
400-217651-7	DUP-01	Total/NA	Water	PrecSep_0	
400-217651-8	DUP-02	Total/NA	Water	PrecSep_0	
MB 160-558519/22-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-558519/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-558519/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-558514/22-A
Matrix: Water
Analysis Batch: 562662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 558514

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01901	U	0.203	0.203	1.00	0.390	pCi/L	04/04/22 18:42	04/28/22 18:56	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*04/04/22 18:42*	*04/28/22 18:56*	*1*

Lab Sample ID: LCS 160-558514/1-A
Matrix: Water
Analysis Batch: 562662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 558514

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	8.856		1.19	1.00	0.311	pCi/L	78	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*98.0*		*40 - 110*

Lab Sample ID: LCSD 160-558514/2-A
Matrix: Water
Analysis Batch: 562662

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 558514

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	10.98		1.40	1.00	0.290	pCi/L	97	75 - 125	0.82	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*94.6*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-558519/22-A
Matrix: Water
Analysis Batch: 562663

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 558519

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.09743	U	0.229	0.229	1.00	0.393	pCi/L	04/04/22 18:42	04/28/22 12:14	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:14*	*1*
Y Carrier	*85.6*		*40 - 110*	*04/04/22 18:42*	*04/28/22 12:14*	*1*

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

Lab Sample ID: LCS 160-558519/1-A
Matrix: Water
Analysis Batch: 562631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 558519

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.67	9.515		1.11	1.00	0.390	pCi/L	110	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*98.0*		*40 - 110*
Y Carrier	*80.4*		*40 - 110*

Lab Sample ID: LCSD 160-558519/2-A
Matrix: Water
Analysis Batch: 562631

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 558519

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.67	9.797		1.14	1.00	0.399	pCi/L	113	75 - 125	0.13	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*94.6*		*40 - 110*
Y Carrier	*81.1*		*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: 400-109437-23631.1
Client Contact: Barry Evans	Phone: 850-336 0192	E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Gulf Power Company	PWSID:			Job #:
Address: BIN 731 One Energy Place	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32520	Compliance Project: Δ Yes Δ No			
Phone: 850-444-6427(Tel)	PO #: 2000393131			
Email: Barry.Evans@nexteraenergy.com	WO #: 3000004117			
Project Name: CCR GCEC GSA Delineation Sampling	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride	Total Number of Containers	Special Instructions/Note:
			Preservation Code:											Lot #:
PZ-200S	3/29/22	1510	G	Water			X	X	X	X	X	X		1/2gal (HNO3) - 0000280251
PZ-200D	3/29/22	1035		Water										1L (None) - 0422101G
GSA-2S	3/29/22	1325		Water										250 (HNO3) - 0000280251
PZ-201D	3/28/22	1600		Water										
PZ-203D	3/28/22	1100		Water										
MW2032/GE-1D	3/29/22	1230		Water										
DUP-01	3/28/22	1500	↓	Water										
DUP-02	3/29/22	1130	G	Water			X	X	X	X	X	X		

400-217651 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: 3/29/22 1530	Company RDM	Received by: Kathy R Avery
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 3.29.22 1530 Company EGTS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4, 5.6 C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Gulf Power Company

Job Number: 400-217651-2
SDG Number: GSA Delineation Sampling

Login Number: 217651
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	3.4, 5.6°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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: 400-217651-2
SDG: GSA Delineation Sampling

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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

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

Geosyntec consultants

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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

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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

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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: 9/13/2022 10:37:51 AM
Project: GCEC CCR MW-200
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-200 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24 ft** **Total Depth: 34 ft** **Initial Depth to Water: 17.51 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 29 ft** **Estimated Total Volume Pumped: 16000 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: 852546**

Test Notes:

Weather Conditions:
Sunny 79

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
9/13/2022 10:37 AM	00:00	4.74 pH	23.42 °C	834.00 µS/cm	0.49 mg/L		112.4 mV	17.51 ft	400.00 ml/min
9/13/2022 10:42 AM	05:00	4.74 pH	23.21 °C	846.47 µS/cm	0.45 mg/L	6.73 NTU	111.7 mV	17.63 ft	400.00 ml/min
9/13/2022 10:47 AM	10:00	4.77 pH	23.25 °C	826.85 µS/cm	0.44 mg/L	4.21 NTU	110.5 mV	17.64 ft	400.00 ml/min
9/13/2022 10:52 AM	15:00	4.81 pH	23.29 °C	768.01 µS/cm	0.52 mg/L	2.94 NTU	109.4 mV	17.64 ft	400.00 ml/min
9/13/2022 10:57 AM	20:00	4.81 pH	23.33 °C	739.84 µS/cm	0.54 mg/L	1.77 NTU	108.8 mV	17.64 ft	400.00 ml/min
9/13/2022 11:02 AM	25:00	4.81 pH	23.25 °C	741.49 µS/cm	0.54 mg/L	0.87 NTU	108.7 mV	17.64 ft	400.00 ml/min
9/13/2022 11:07 AM	30:00	4.81 pH	23.38 °C	743.04 µS/cm	0.55 mg/L	0.66 NTU	108.6 mV	17.64 ft	400.00 ml/min
9/13/2022 11:12 AM	35:00	4.82 pH	23.47 °C	731.61 µS/cm	0.59 mg/L	0.43 NTU	108.2 mV	17.64 ft	400.00 ml/min
9/13/2022 11:17 AM	40:00	4.82 pH	23.43 °C	732.61 µS/cm	0.64 mg/L	0.57 NTU	107.9 mV	17.64 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-200	Sample time 1121.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/13/2022 8:01:19 AM
Project: GCEC CCR MW-201
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-201 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 47.94 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 10926.667 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:
Sunny 68

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	
9/13/2022 8:01 AM	00:00	3.83 pH	21.57 °C	0.00 µS/cm	8.72 mg/L		150.1 mV	47.94 ft	400.00 ml/min
9/13/2022 8:06 AM	05:00	4.80 pH	22.85 °C	950.85 µS/cm	0.90 mg/L	3.38 NTU	134.0 mV	47.99 ft	400.00 ml/min
9/13/2022 8:08 AM	07:19	4.80 pH	22.84 °C	943.36 µS/cm	0.80 mg/L	2.60 NTU	133.1 mV	47.99 ft	400.00 ml/min
9/13/2022 8:13 AM	12:19	4.79 pH	22.85 °C	936.67 µS/cm	0.70 mg/L	1.09 NTU	120.8 mV	47.99 ft	400.00 ml/min
9/13/2022 8:18 AM	17:19	4.77 pH	22.94 °C	935.39 µS/cm	0.65 mg/L	0.99 NTU	119.6 mV	47.99 ft	400.00 ml/min
9/13/2022 8:23 AM	22:19	4.76 pH	22.98 °C	943.59 µS/cm	0.63 mg/L	0.60 NTU	119.1 mV	47.99 ft	400.00 ml/min
9/13/2022 8:28 AM	27:19	4.76 pH	23.01 °C	939.68 µS/cm	0.61 mg/L	0.48 NTU	118.8 mV	47.99 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-201	Sample time 0830

Low-Flow Test Report:

Test Date / Time: 9/12/2022 3:53:38 PM
Project: GCEC CCR MW-202
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-202 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 50.31 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 22000 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 77

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	
9/12/2022 3:53 PM	00:00	4.49 pH	27.15 °C	220.38 µS/cm	6.47 mg/L		130.9 mV	50.31 ft	400.00 ml/min
9/12/2022 3:58 PM	05:00	4.82 pH	22.98 °C	135.21 µS/cm	0.65 mg/L	8.81 NTU	107.6 mV	50.38 ft	400.00 ml/min
9/12/2022 4:03 PM	10:00	4.83 pH	22.67 °C	126.93 µS/cm	0.78 mg/L	5.40 NTU	108.8 mV	50.38 ft	400.00 ml/min
9/12/2022 4:08 PM	15:00	4.83 pH	22.62 °C	119.13 µS/cm	1.01 mg/L	3.70 NTU	110.7 mV	50.38 ft	400.00 ml/min
9/12/2022 4:13 PM	20:00	4.86 pH	22.58 °C	113.75 µS/cm	1.31 mg/L	2.94 NTU	111.0 mV	50.38 ft	400.00 ml/min
9/12/2022 4:18 PM	25:00	4.86 pH	22.62 °C	106.83 µS/cm	1.60 mg/L	2.03 NTU	112.3 mV	50.38 ft	400.00 ml/min
9/12/2022 4:23 PM	30:00	4.84 pH	22.67 °C	101.53 µS/cm	1.79 mg/L	1.42 NTU	114.6 mV	50.38 ft	400.00 ml/min
9/12/2022 4:28 PM	35:00	4.85 pH	22.76 °C	101.40 µS/cm	1.87 mg/L	1.32 NTU	116.5 mV	50.38 ft	400.00 ml/min
9/12/2022 4:33 PM	40:00	4.87 pH	22.80 °C	98.90 µS/cm	2.06 mg/L	0.96 NTU	110.8 mV	50.38 ft	400.00 ml/min
9/12/2022 4:38 PM	45:00	4.87 pH	22.88 °C	97.51 µS/cm	2.13 mg/L	0.97 NTU	119.3 mV	50.38 ft	400.00 ml/min
9/12/2022 4:43 PM	50:00	4.87 pH	22.87 °C	94.78 µS/cm	2.24 mg/L	0.86 NTU	121.0 mV	50.38 ft	400.00 ml/min
9/12/2022 4:48 PM	55:00	4.89 pH	22.89 °C	95.36 µS/cm	2.24 mg/L	0.89 NTU	122.0 mV	50.38 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-202	Sample time 1650

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/13/2022 7:58:17 AM
Project: Crist CCR MW-203 9-13-22
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-203 **Latitude: 30.5649435008564** **Longitude: -87.229079939425** **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 53 ft** **Total Depth: 63 ft** **Initial Depth to Water: 43.86 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 58 ft** **Estimated Total Volume Pumped: 22000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.1 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Sunny 67

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	
9/13/2022 7:58 AM	00:00	5.53 pH	16.85 °C	245.20 µS/cm	4.58 mg/L	28.00 NTU	165.9 mV	43.86 ft	400.00 ml/min
9/13/2022 8:03 AM	05:00	5.48 pH	15.60 °C	253.66 µS/cm	1.69 mg/L	27.20 NTU	140.6 mV	43.96 ft	400.00 ml/min
9/13/2022 8:08 AM	10:00	5.48 pH	15.94 °C	254.34 µS/cm	1.58 mg/L	26.98 NTU	139.5 mV	43.96 ft	400.00 ml/min
9/13/2022 8:13 AM	15:00	5.55 pH	15.93 °C	258.71 µS/cm	1.58 mg/L	25.20 NTU	139.1 mV	43.96 ft	400.00 ml/min
9/13/2022 8:18 AM	20:00	5.56 pH	15.79 °C	260.19 µS/cm	1.57 mg/L	8.47 NTU	138.1 mV	43.96 ft	400.00 ml/min
9/13/2022 8:23 AM	25:00	5.55 pH	15.81 °C	261.64 µS/cm	1.55 mg/L	6.74 NTU	138.8 mV	43.96 ft	400.00 ml/min
9/13/2022 8:28 AM	30:00	5.56 pH	15.79 °C	263.11 µS/cm	1.54 mg/L	4.85 NTU	138.7 mV	43.96 ft	400.00 ml/min
9/13/2022 8:33 AM	35:00	5.56 pH	15.75 °C	261.79 µS/cm	1.53 mg/L	3.64 NTU	138.2 mV	43.96 ft	400.00 ml/min
9/13/2022 8:38 AM	40:00	5.58 pH	15.72 °C	264.67 µS/cm	1.53 mg/L	2.86 NTU	138.3 mV	43.96 ft	400.00 ml/min
9/13/2022 8:43 AM	45:00	5.58 pH	15.77 °C	264.57 µS/cm	1.51 mg/L	2.32 NTU	137.9 mV	43.96 ft	400.00 ml/min
9/13/2022 8:48 AM	50:00	5.57 pH	15.78 °C	264.97 µS/cm	1.53 mg/L	1.84 NTU	137.6 mV	43.96 ft	400.00 ml/min
9/13/2022 8:53 AM	55:00	5.58 pH	15.75 °C	265.89 µS/cm	1.52 mg/L	1.90 NTU	137.3 mV	43.96 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-203	Sample time 0857

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/12/2022 1:30:23 PM
Project: Crist CCR MW-204 9-12-22
Operator Name: Trevor Braddock

Location Name: Crist ccr mw-204 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 12.21 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 10000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 2.81 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Sunny 83

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	
9/12/2022 1:30 PM	00:00	4.41 pH	18.20 °C	826.18 µS/cm	0.43 mg/L	1.17 NTU	208.3 mV	12.21 ft	400.00 ml/min
9/12/2022 1:35 PM	05:00	4.39 pH	16.20 °C	875.80 µS/cm	0.22 mg/L	0.99 NTU	209.5 mV	15.02 ft	400.00 ml/min
9/12/2022 1:40 PM	10:00	4.39 pH	16.13 °C	882.83 µS/cm	0.21 mg/L	0.92 NTU	206.6 mV	15.02 ft	400.00 ml/min
9/12/2022 1:45 PM	15:00	4.38 pH	15.79 °C	877.03 µS/cm	0.21 mg/L	1.02 NTU	205.0 mV	15.02 ft	400.00 ml/min
9/12/2022 1:50 PM	20:00	4.38 pH	15.69 °C	882.69 µS/cm	0.21 mg/L	1.09 NTU	203.7 mV	15.02 ft	400.00 ml/min
9/12/2022 1:55 PM	25:00	4.38 pH	15.65 °C	893.45 µS/cm	0.20 mg/L	0.95 NTU	202.7 mV	15.02 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-204	Sample time 1400

Low-Flow Test Report:

Test Date / Time: 9/12/2022 2:40:06 PM
Project: Crist CCR MW-205 9-12-22
Operator Name: Trevor Braddock

Location Name: Crist ccr MW-205 **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 15.52 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 32000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 736137**

Test Notes:

Weather Conditions:
Sunny 83

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	
9/12/2022 2:40 PM	00:00	4.85 pH	20.85 °C	48.48 µS/cm	4.61 mg/L	1.24 NTU	165.1 mV	15.52 ft	400.00 ml/min
9/12/2022 2:45 PM	05:00	4.83 pH	18.06 °C	73.32 µS/cm	3.59 mg/L	0.49 NTU	168.4 mV	15.72 ft	400.00 ml/min
9/12/2022 2:50 PM	10:00	4.87 pH	17.56 °C	208.22 µS/cm	2.87 mg/L	0.46 NTU	182.9 mV	15.72 ft	400.00 ml/min
9/12/2022 2:55 PM	15:00	4.88 pH	17.65 °C	268.02 µS/cm	2.73 mg/L	0.23 NTU	183.7 mV	15.72 ft	400.00 ml/min
9/12/2022 3:00 PM	20:00	4.86 pH	17.47 °C	276.82 µS/cm	2.69 mg/L	0.14 NTU	183.1 mV	15.72 ft	400.00 ml/min
9/12/2022 3:05 PM	25:00	4.87 pH	17.33 °C	287.50 µS/cm	2.66 mg/L	0.24 NTU	182.0 mV	15.72 ft	400.00 ml/min
9/12/2022 3:10 PM	30:00	4.88 pH	17.12 °C	299.66 µS/cm	2.64 mg/L	0.24 NTU	181.0 mV	15.72 ft	400.00 ml/min
9/12/2022 3:15 PM	35:00	4.87 pH	16.91 °C	304.31 µS/cm	2.67 mg/L	0.22 NTU	180.7 mV	15.72 ft	400.00 ml/min
9/12/2022 3:20 PM	40:00	4.87 pH	16.83 °C	318.60 µS/cm	2.62 mg/L	0.21 NTU	180.3 mV	15.72 ft	400.00 ml/min
9/12/2022 3:25 PM	45:00	4.87 pH	16.64 °C	315.42 µS/cm	2.59 mg/L	0.22 NTU	178.7 mV	15.72 ft	400.00 ml/min
9/12/2022 3:30 PM	50:00	4.88 pH	16.27 °C	306.29 µS/cm	2.63 mg/L	0.27 NTU	177.4 mV	15.72 ft	400.00 ml/min
9/12/2022 3:35 PM	55:00	4.87 pH	16.02 °C	298.55 µS/cm	2.63 mg/L	0.33 NTU	176.4 mV	15.72 ft	400.00 ml/min
9/12/2022 3:40 PM	01:00:00	4.87 pH	15.80 °C	315.30 µS/cm	2.61 mg/L	0.28 NTU	176.3 mV	15.72 ft	400.00 ml/min

9/12/2022 3:45 PM	01:05:00	4.87 pH	15.79 °C	305.53 µS/cm	2.58 mg/L	0.21 NTU	174.5 mV	15.72 ft	400.00 ml/min
9/12/2022 3:50 PM	01:10:00	4.88 pH	16.01 °C	308.89 µS/cm	2.63 mg/L	0.22 NTU	174.0 mV	15.72 ft	400.00 ml/min
9/12/2022 3:55 PM	01:15:00	4.86 pH	16.14 °C	315.85 µS/cm	2.59 mg/L	0.23 NTU	174.0 mV	15.72 ft	400.00 ml/min
9/12/2022 4:00 PM	01:20:00	4.85 pH	16.20 °C	319.52 µS/cm	2.59 mg/L	0.21 NTU	173.8 mV	15.72 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-205	Sample time 1602

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/13/2022 9:09:29 AM
Project: GCEC CCR MW-206
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-206 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28 ft** **Total Depth: 38 ft** **Initial Depth to Water: 26.01 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 33 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: 852546**

Test Notes:

Weather Conditions:
Sunny 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	
9/13/2022 9:09 AM	00:00	4.85 pH	23.30 °C	1,154.4 µS/cm	0.25 mg/L		126.4 mV	26.01 ft	400.00 ml/min
9/13/2022 9:14 AM	05:00	4.88 pH	23.07 °C	1,363.5 µS/cm	0.18 mg/L	0.28 NTU	125.3 mV	26.06 ft	400.00 ml/min
9/13/2022 9:19 AM	10:00	4.88 pH	23.09 °C	1,377.2 µS/cm	0.16 mg/L	0.31 NTU	124.5 mV	26.06 ft	400.00 ml/min
9/13/2022 9:24 AM	15:00	4.88 pH	23.11 °C	1,367.3 µS/cm	0.15 mg/L	0.23 NTU	123.7 mV	26.06 ft	400.00 ml/min
9/13/2022 9:29 AM	20:00	4.88 pH	23.11 °C	1,380.7 µS/cm	0.14 mg/L	0.36 NTU	123.1 mV	26.06 ft	400.00 ml/min
9/13/2022 9:34 AM	25:00	4.88 pH	23.16 °C	1,369.0 µS/cm	0.14 mg/L	0.28 NTU	122.4 mV	26.06 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-206	Sample time 0937. FB-03 sample time 0922. EB-03 sample time 0957.

Low-Flow Test Report:

Test Date / Time: 9/14/2022 3:39:43 PM
Project: Crist CCR PZ-200S 9-13-22
Operator Name: Trevor Braddock

Location Name: Crist ccr pz-200S **Well Diameter: 2 in** **Screen Length: 5 ft** **Top of Screen: 28.5 ft** **Total Depth: 33.5 ft** **Initial Depth to Water: 6.71 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 10000 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: 736137**

Test Notes:

Weather Conditions:
Sunny 85

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 20	+/- 0.3	
9/14/2022 3:39 PM	00:00	4.82 pH	25.56 °C	266.56 µS/cm	2.05 mg/L	1.35 NTU	197.1 mV	6.71 ft	400.00 ml/min
9/14/2022 3:44 PM	05:00	4.85 pH	19.37 °C	759.28 µS/cm	1.50 mg/L	1.13 NTU	209.8 mV	6.78 ft	400.00 ml/min
9/14/2022 3:49 PM	10:00	4.97 pH	19.54 °C	995.78 µS/cm	1.01 mg/L	0.33 NTU	206.8 mV	6.78 ft	400.00 ml/min
9/14/2022 3:54 PM	15:00	5.00 pH	19.26 °C	1,047.3 µS/cm	0.91 mg/L	0.29 NTU	204.1 mV	6.78 ft	400.00 ml/min
9/14/2022 3:59 PM	20:00	5.02 pH	19.08 °C	1,094.0 µS/cm	0.85 mg/L	0.34 NTU	201.8 mV	6.78 ft	400.00 ml/min
9/14/2022 4:04 PM	25:00	5.02 pH	19.15 °C	1,100.6 µS/cm	0.84 mg/L	0.34 NTU	199.4 mV	6.78 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-200S	Sample time 1605
Dup-6	Fake sample time 1506

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/14/2022 1:53:05 PM
Project: Crist CCR GSA-2S 9-13-22
Operator Name: Trevor Braddock

Location Name: Crist ccr GSA-2S **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 44.5 ft** **Total Depth: 54.5 ft** **Initial Depth to Water: 21.8 ft**	**Pump Type: PP** **Tubing Type: Pe** **Pump Intake From TOC: 49.5 ft** **Estimated Total Volume Pumped: 10000 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: 736137**

Test Notes:

Weather Conditions:
Sunny 81

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	
9/14/2022 1:53 PM	00:00	4.52 pH	23.43 °C	360.19 µS/cm	1.96 mg/L	2.71 NTU	200.3 mV	21.80 ft	400.00 ml/min
9/14/2022 1:58 PM	05:00	4.50 pH	19.05 °C	400.06 µS/cm	1.80 mg/L	1.39 NTU	196.5 mV	21.82 ft	400.00 ml/min
9/14/2022 2:03 PM	10:00	4.52 pH	19.00 °C	410.83 µS/cm	1.76 mg/L	0.89 NTU	192.7 mV	21.82 ft	400.00 ml/min
9/14/2022 2:08 PM	15:00	4.51 pH	19.01 °C	428.49 µS/cm	1.73 mg/L	1.07 NTU	190.6 mV	21.82 ft	400.00 ml/min
9/14/2022 2:13 PM	20:00	4.52 pH	18.94 °C	432.66 µS/cm	1.72 mg/L	0.99 NTU	188.3 mV	21.82 ft	400.00 ml/min
9/14/2022 2:18 PM	25:00	4.51 pH	18.94 °C	445.26 µS/cm	1.70 mg/L	0.45 NTU	186.4 mV	21.82 ft	400.00 ml/min

Samples

Sample ID:	Description:
GSA-2S	Sample time 1420

Low-Flow Test Report:

Test Date / Time: 9/13/2022 1:04:12 PM
Project: GCEC CCR PZ-201D
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR PZ-201D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 184 ft** **Total Depth: 189 ft** **Initial Depth to Water: 43.91 ft**	**Pump Type: BP** **Tubing Type: PE** **Pump Intake From TOC: 186.5 ft** **Estimated Total Volume Pumped: 54335 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 1.51 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 852546**

Test Notes:
Purged for 3 hours.

Weather Conditions:
Sunny 82

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
9/13/2022 1:04 PM	00:00	6.24 pH	30.76 °C	119.99 µS/cm	5.47 mg/L		68.9 mV	43.91 ft	300.00 ml/min
9/13/2022 1:09 PM	05:00	6.53 pH	25.64 °C	108.52 µS/cm	0.97 mg/L	24.40 NTU	27.0 mV	44.97 ft	300.00 ml/min
9/13/2022 1:14 PM	10:00	6.59 pH	24.97 °C	107.72 µS/cm	0.56 mg/L	19.10 NTU	6.7 mV	45.18 ft	300.00 ml/min
9/13/2022 1:19 PM	15:00	6.63 pH	24.74 °C	102.14 µS/cm	0.45 mg/L	19.40 NTU	-1.4 mV	45.22 ft	300.00 ml/min
9/13/2022 1:24 PM	20:00	6.60 pH	24.51 °C	95.35 µS/cm	0.40 mg/L	21.70 NTU	3.9 mV	45.29 ft	300.00 ml/min
9/13/2022 1:29 PM	25:00	6.60 pH	24.73 °C	91.56 µS/cm	0.36 mg/L	22.40 NTU	1.4 mV	45.39 ft	300.00 ml/min
9/13/2022 1:34 PM	30:00	6.59 pH	24.74 °C	89.36 µS/cm	0.34 mg/L	21.50 NTU	0.6 mV	45.42 ft	300.00 ml/min
9/13/2022 1:39 PM	35:00	6.57 pH	24.74 °C	89.27 µS/cm	0.32 mg/L	19.60 NTU	1.2 mV	45.42 ft	300.00 ml/min
9/13/2022 1:44 PM	40:00	6.58 pH	24.80 °C	88.93 µS/cm	0.30 mg/L	17.40 NTU	-0.4 mV	45.42 ft	300.00 ml/min
9/13/2022 1:49 PM	45:00	6.59 pH	24.56 °C	88.75 µS/cm	0.28 mg/L	15.10 NTU	-0.1 mV	45.42 ft	300.00 ml/min
9/13/2022 1:54 PM	50:00	6.59 pH	24.68 °C	89.14 µS/cm	0.27 mg/L	13.20 NTU	-2.4 mV	45.42 ft	300.00 ml/min
9/13/2022 1:59 PM	55:00	6.60 pH	24.69 °C	89.03 µS/cm	0.26 mg/L	11.90 NTU	-3.9 mV	45.42 ft	300.00 ml/min
9/13/2022 2:04 PM	01:00:00	6.59 pH	24.73 °C	89.04 µS/cm	0.25 mg/L	10.90 NTU	-4.0 mV	45.42 ft	300.00 ml/min

9/13/2022 2:09 PM	01:05:00	6.59 pH	24.78 °C	88.89 µS/cm	0.24 mg/L	10.20 NTU	-5.4 mV	45.42 ft	300.00 ml/min
9/13/2022 2:14 PM	01:10:00	6.60 pH	24.78 °C	88.88 µS/cm	0.23 mg/L	9.33 NTU	-6.3 mV	45.42 ft	300.00 ml/min
9/13/2022 2:19 PM	01:15:00	6.60 pH	24.81 °C	88.77 µS/cm	0.22 mg/L	8.36 NTU	-8.1 mV	45.42 ft	300.00 ml/min
9/13/2022 2:24 PM	01:20:00	6.61 pH	25.10 °C	88.99 µS/cm	0.22 mg/L	7.90 NTU	-9.2 mV	45.42 ft	300.00 ml/min
9/13/2022 2:29 PM	01:25:00	6.60 pH	25.19 °C	88.85 µS/cm	0.21 mg/L	6.91 NTU	-10.4 mV	45.42 ft	300.00 ml/min
9/13/2022 2:34 PM	01:30:00	6.61 pH	25.27 °C	89.04 µS/cm	0.20 mg/L	6.69 NTU	-11.5 mV	45.42 ft	300.00 ml/min
9/13/2022 2:39 PM	01:35:00	6.62 pH	25.33 °C	89.08 µS/cm	0.20 mg/L	6.91 NTU	-12.1 mV	45.42 ft	300.00 ml/min
9/13/2022 2:44 PM	01:40:00	6.62 pH	25.35 °C	88.90 µS/cm	0.19 mg/L	6.65 NTU	-13.0 mV	45.42 ft	300.00 ml/min
9/13/2022 2:49 PM	01:45:00	6.63 pH	25.26 °C	88.91 µS/cm	0.19 mg/L	6.09 NTU	-14.1 mV	45.42 ft	300.00 ml/min
9/13/2022 2:54 PM	01:50:00	6.62 pH	25.37 °C	88.91 µS/cm	0.19 mg/L	5.79 NTU	-14.7 mV	45.42 ft	300.00 ml/min
9/13/2022 2:59 PM	01:55:00	6.62 pH	25.42 °C	88.78 µS/cm	0.18 mg/L	5.60 NTU	-15.7 mV	45.42 ft	300.00 ml/min
9/13/2022 3:04 PM	02:00:00	6.63 pH	25.32 °C	88.54 µS/cm	0.18 mg/L	5.52 NTU	-16.8 mV	45.42 ft	300.00 ml/min
9/13/2022 3:09 PM	02:05:00	6.64 pH	25.33 °C	88.54 µS/cm	0.17 mg/L	7.24 NTU	-17.6 mV	45.42 ft	300.00 ml/min
9/13/2022 3:14 PM	02:10:00	6.64 pH	25.19 °C	89.15 µS/cm	0.17 mg/L	8.56 NTU	-17.5 mV	45.42 ft	300.00 ml/min
9/13/2022 3:15 PM	02:11:07	6.64 pH	25.19 °C	89.21 µS/cm	0.17 mg/L	8.49 NTU	-18.2 mV	45.42 ft	300.00 ml/min
9/13/2022 3:20 PM	02:16:07	6.64 pH	25.27 °C	89.28 µS/cm	0.17 mg/L	9.20 NTU	-17.8 mV	45.42 ft	300.00 ml/min
9/13/2022 3:25 PM	02:21:07	6.65 pH	25.18 °C	89.36 µS/cm	0.17 mg/L	8.43 NTU	-18.3 mV	45.42 ft	300.00 ml/min
9/13/2022 3:30 PM	02:26:07	6.65 pH	25.31 °C	89.48 µS/cm	0.17 mg/L	8.49 NTU	-20.3 mV	45.42 ft	300.00 ml/min
9/13/2022 3:35 PM	02:31:07	6.64 pH	25.25 °C	89.57 µS/cm	0.17 mg/L	8.19 NTU	-20.9 mV	45.42 ft	300.00 ml/min
9/13/2022 3:40 PM	02:36:07	6.65 pH	25.28 °C	89.79 µS/cm	0.17 mg/L	8.35 NTU	-20.6 mV	45.42 ft	300.00 ml/min
9/13/2022 3:45 PM	02:41:07	6.65 pH	25.21 °C	89.48 µS/cm	0.17 mg/L	7.98 NTU	-21.9 mV	45.42 ft	300.00 ml/min
9/13/2022 3:50 PM	02:46:07	6.66 pH	25.30 °C	89.12 µS/cm	0.16 mg/L	7.34 NTU	-22.1 mV	45.42 ft	300.00 ml/min
9/13/2022 3:55 PM	02:51:07	6.66 pH	25.32 °C	89.15 µS/cm	0.17 mg/L	6.96 NTU	-23.1 mV	45.42 ft	300.00 ml/min
9/13/2022 4:00 PM	02:56:07	6.65 pH	25.24 °C	88.84 µS/cm	0.16 mg/L	6.90 NTU	-23.5 mV	45.42 ft	300.00 ml/min
9/13/2022 4:05 PM	03:01:07	6.66 pH	25.18 °C	88.86 µS/cm	0.16 mg/L	6.75 NTU	-24.3 mV	45.42 ft	300.00 ml/min

Samples

Sample ID:	Description:

PZ-201D	Sample time 1610. Dup-05 fake sample time 1510

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/16/2022 10:33:49 AM
Project: GCEC CCR MW-2032
Operator Name: Rick Hagendorfer

Location Name: GCEC CCR MW-2032 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 97.6 ft** **Total Depth: 102.6 ft** **Initial Depth to Water: 16.65 ft**	**Pump Type: PP** **Tubing Type: PE** **Pump Intake From TOC: 100.1 ft** **Estimated Total Volume Pumped: 20000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 1.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 852546**

Test Notes:
Use Peristaltic pump on this well.

Weather Conditions:
Sunny 82

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.2	+/- 0.2	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
9/16/2022 10:33 AM	00:00	5.46 pH	30.71 °C	534.86 µS/cm	5.90 mg/L		118.4 mV	16.65 ft	400.00 ml/min
9/16/2022 10:38 AM	05:00	5.80 pH	24.29 °C	310.75 µS/cm	3.49 mg/L	10.20 NTU	114.3 mV	17.69 ft	400.00 ml/min
9/16/2022 10:43 AM	10:00	5.45 pH	23.97 °C	204.88 µS/cm	3.43 mg/L	5.44 NTU	116.2 mV	17.75 ft	400.00 ml/min
9/16/2022 10:48 AM	15:00	4.89 pH	24.03 °C	116.43 µS/cm	3.62 mg/L	1.65 NTU	120.3 mV	17.73 ft	400.00 ml/min
9/16/2022 10:53 AM	20:00	4.87 pH	23.97 °C	112.70 µS/cm	3.61 mg/L	1.85 NTU	122.2 mV	17.73 ft	400.00 ml/min
9/16/2022 10:58 AM	25:00	4.71 pH	24.06 °C	97.81 µS/cm	3.68 mg/L	1.48 NTU	124.2 mV	17.73 ft	400.00 ml/min
9/16/2022 11:03 AM	30:00	4.69 pH	24.03 °C	99.19 µS/cm	3.71 mg/L	1.34 NTU	125.0 mV	17.73 ft	400.00 ml/min
9/16/2022 11:08 AM	35:00	4.69 pH	23.98 °C	99.73 µS/cm	3.70 mg/L	1.09 NTU	124.4 mV	17.73 ft	400.00 ml/min
9/16/2022 11:13 AM	40:00	4.64 pH	23.97 °C	95.32 µS/cm	3.72 mg/L	0.95 NTU	125.6 mV	17.73 ft	400.00 ml/min
9/16/2022 11:18 AM	45:00	4.64 pH	24.02 °C	95.42 µS/cm	3.76 mg/L	1.18 NTU	127.3 mV	17.73 ft	400.00 ml/min
9/16/2022 11:23 AM	50:00	4.69 pH	24.05 °C	96.27 µS/cm	3.75 mg/L	0.87 NTU	127.4 mV	17.73 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW-2032	Sample time 1129. EB-04 sample time 1023. FB-04 sample time 1018.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/13/2022 1:35:05 PM
Project: Crist CCR PZ-200D 9-13-22
Operator Name: Trevor Braddock

Location Name: Crist ccr PZ-200D **Well Diameter: 2 in** **Screen Length: 10 ft** **Top of Screen: 138 ft** **Total Depth: 148 ft** **Initial Depth to Water: 5.28 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 143 ft** **Estimated Total Volume Pumped: 46000 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: 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	
9/13/2022 1:35 PM	00:00	6.45 pH	20.59 °C	93.67 µS/cm	1.67 mg/L	3.42 NTU	47.1 mV	5.28 ft	400.00 ml/min
9/13/2022 1:40 PM	05:00	6.44 pH	17.79 °C	98.08 µS/cm	0.50 mg/L	3.39 NTU	42.7 mV	5.32 ft	400.00 ml/min
9/13/2022 1:45 PM	10:00	6.46 pH	17.51 °C	98.72 µS/cm	0.42 mg/L	3.28 NTU	40.7 mV	5.32 ft	400.00 ml/min
9/13/2022 1:50 PM	15:00	6.47 pH	17.17 °C	98.82 µS/cm	0.29 mg/L	4.12 NTU	39.8 mV	5.32 ft	400.00 ml/min
9/13/2022 1:55 PM	20:00	6.47 pH	17.10 °C	98.73 µS/cm	0.27 mg/L	4.90 NTU	38.7 mV	5.32 ft	400.00 ml/min
9/13/2022 2:00 PM	25:00	6.48 pH	17.01 °C	98.97 µS/cm	0.28 mg/L	5.50 NTU	37.6 mV	5.32 ft	400.00 ml/min
9/13/2022 2:05 PM	30:00	6.47 pH	16.89 °C	99.14 µS/cm	0.22 mg/L	6.37 NTU	37.2 mV	5.32 ft	400.00 ml/min
9/13/2022 2:10 PM	35:00	6.48 pH	16.84 °C	99.19 µS/cm	0.20 mg/L	6.12 NTU	36.2 mV	5.32 ft	400.00 ml/min
9/13/2022 2:15 PM	40:00	6.47 pH	16.80 °C	99.40 µS/cm	0.23 mg/L	6.59 NTU	35.9 mV	5.32 ft	400.00 ml/min
9/13/2022 2:20 PM	45:00	6.48 pH	16.68 °C	99.42 µS/cm	0.19 mg/L	7.25 NTU	35.0 mV	5.32 ft	400.00 ml/min
9/13/2022 2:25 PM	50:00	6.48 pH	16.49 °C	100.03 µS/cm	0.18 mg/L	7.01 NTU	34.3 mV	5.32 ft	400.00 ml/min
9/13/2022 2:30 PM	55:00	6.49 pH	16.54 °C	99.45 µS/cm	0.18 mg/L	6.99 NTU	33.7 mV	5.32 ft	400.00 ml/min
9/13/2022 2:35 PM	01:00:00	6.49 pH	16.52 °C	99.62 µS/cm	0.17 mg/L	6.81 NTU	33.1 mV	5.32 ft	400.00 ml/min

9/13/2022 2:40 PM	01:05:00	6.49 pH	16.59 °C	99.58 µS/cm	0.19 mg/L	6.95 NTU	32.5 mV	5.32 ft	400.00 ml/min
9/13/2022 2:45 PM	01:10:00	6.49 pH	16.59 °C	99.51 µS/cm	0.17 mg/L	6.82 NTU	32.3 mV	5.32 ft	400.00 ml/min
9/13/2022 2:50 PM	01:15:00	6.48 pH	16.52 °C	99.85 µS/cm	0.16 mg/L	6.87 NTU	32.2 mV	5.32 ft	400.00 ml/min
9/13/2022 2:55 PM	01:20:00	6.49 pH	16.49 °C	99.69 µS/cm	0.17 mg/L	7.13 NTU	31.4 mV	5.32 ft	400.00 ml/min
9/13/2022 3:00 PM	01:25:00	6.49 pH	16.50 °C	99.67 µS/cm	0.16 mg/L	7.30 NTU	31.3 mV	5.32 ft	400.00 ml/min
9/13/2022 3:05 PM	01:30:00	6.49 pH	16.46 °C	99.44 µS/cm	0.15 mg/L	6.66 NTU	30.9 mV	5.32 ft	400.00 ml/min
9/13/2022 3:10 PM	01:35:00	6.50 pH	16.38 °C	99.58 µS/cm	0.14 mg/L	6.74 NTU	30.4 mV	5.32 ft	400.00 ml/min
9/13/2022 3:15 PM	01:40:00	6.49 pH	16.39 °C	99.62 µS/cm	0.14 mg/L	6.70 NTU	30.7 mV	5.32 ft	400.00 ml/min
9/13/2022 3:20 PM	01:45:00	6.48 pH	16.45 °C	99.55 µS/cm	0.15 mg/L	6.87 NTU	30.3 mV	5.32 ft	400.00 ml/min
9/13/2022 3:25 PM	01:50:00	6.49 pH	16.37 °C	99.40 µS/cm	0.15 mg/L	6.88 NTU	29.9 mV	5.32 ft	400.00 ml/min
9/13/2022 3:30 PM	01:55:00	6.50 pH	16.43 °C	99.35 µS/cm	0.14 mg/L	6.91 NTU	29.2 mV	5.32 ft	400.00 ml/min

Samples

Sample ID:	Description:
Pz-200D	Sample time 1532

Low-Flow Test Report:

Test Date / Time: 9/13/2022 9:58:11 AM
Project: GCEC Pz-203D
Operator Name: Trevor Braddock

Location Name: GCEC PZ-203D **Well Diameter: 2 in** **Screen Length: 5 ft** **Top of Screen: 197.3 ft** **Total Depth: 202.3 ft** **Initial Depth to Water: 7.16 ft**	**Pump Type: BP** **Tubing Type: Pe** **Pump Intake From TOC: 199.8 ft** **Estimated Total Volume Pumped: 40000 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: 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	
9/13/2022 9:58 AM	00:00	6.19 pH	17.85 °C	72.44 µS/cm	0.58 mg/L	18.40 NTU	78.5 mV	7.16 ft	400.00 ml/min
9/13/2022 10:03 AM	05:00	6.21 pH	17.04 °C	68.34 µS/cm	0.49 mg/L	16.40 NTU	63.3 mV	7.26 ft	400.00 ml/min
9/13/2022 10:08 AM	10:00	6.20 pH	17.12 °C	63.88 µS/cm	0.42 mg/L	10.80 NTU	53.1 mV	7.29 ft	400.00 ml/min
9/13/2022 10:13 AM	15:00	6.19 pH	16.85 °C	59.02 µS/cm	0.43 mg/L	8.22 NTU	44.2 mV	7.30 ft	400.00 ml/min
9/13/2022 10:18 AM	20:00	6.17 pH	16.71 °C	58.53 µS/cm	0.33 mg/L	7.31 NTU	39.9 mV	7.32 ft	400.00 ml/min
9/13/2022 10:23 AM	25:00	6.16 pH	16.73 °C	56.29 µS/cm	0.37 mg/L	7.54 NTU	36.6 mV	7.32 ft	400.00 ml/min
9/13/2022 10:28 AM	30:00	6.15 pH	16.50 °C	55.50 µS/cm	0.30 mg/L	6.88 NTU	35.1 mV	7.32 ft	400.00 ml/min
9/13/2022 10:33 AM	35:00	6.16 pH	16.72 °C	55.42 µS/cm	0.33 mg/L	6.41 NTU	33.5 mV	7.32 ft	400.00 ml/min
9/13/2022 10:38 AM	40:00	6.14 pH	16.60 °C	54.58 µS/cm	0.32 mg/L	6.58 NTU	33.3 mV	7.32 ft	400.00 ml/min
9/13/2022 10:43 AM	45:00	6.12 pH	16.81 °C	53.32 µS/cm	0.34 mg/L	7.60 NTU	31.5 mV	7.32 ft	400.00 ml/min
9/13/2022 10:48 AM	50:00	6.13 pH	16.81 °C	54.91 µS/cm	0.37 mg/L	7.94 NTU	34.1 mV	7.32 ft	400.00 ml/min
9/13/2022 10:53 AM	55:00	6.13 pH	16.87 °C	55.74 µS/cm	0.39 mg/L	6.84 NTU	36.1 mV	7.32 ft	400.00 ml/min
9/13/2022 10:58 AM	01:00:00	6.16 pH	16.77 °C	55.73 µS/cm	0.39 mg/L	6.65 NTU	36.2 mV	7.32 ft	400.00 ml/min

9/13/2022 11:03 AM	01:05:00	6.16 pH	16.68 °C	54.99 µS/cm	0.39 mg/L	6.49 NTU	35.7 mV	7.32 ft	400.00 ml/min
9/13/2022 11:08 AM	01:10:00	6.15 pH	16.76 °C	54.13 µS/cm	0.39 mg/L	6.36 NTU	32.8 mV	7.32 ft	400.00 ml/min
9/13/2022 11:13 AM	01:15:00	6.10 pH	16.95 °C	51.58 µS/cm	0.42 mg/L	6.10 NTU	30.0 mV	7.32 ft	400.00 ml/min
9/13/2022 11:18 AM	01:20:00	6.13 pH	16.78 °C	53.73 µS/cm	0.42 mg/L	5.87 NTU	33.3 mV	7.32 ft	400.00 ml/min
9/13/2022 11:23 AM	01:25:00	6.10 pH	16.76 °C	50.94 µS/cm	0.41 mg/L	5.30 NTU	31.6 mV	7.32 ft	400.00 ml/min
9/13/2022 11:28 AM	01:30:00	6.08 pH	16.85 °C	51.94 µS/cm	0.43 mg/L	5.52 NTU	33.4 mV	7.32 ft	400.00 ml/min
9/13/2022 11:33 AM	01:35:00	6.10 pH	17.02 °C	51.94 µS/cm	0.43 mg/L	5.58 NTU	33.5 mV	7.32 ft	400.00 ml/min
9/13/2022 11:38 AM	01:40:00	6.11 pH	16.95 °C	52.69 µS/cm	0.44 mg/L	5.56 NTU	34.5 mV	7.32 ft	400.00 ml/min

Samples

Sample ID:	Description:
PZ-203D	Sample time 1139

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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

Authorized for release by:
10/18/2022 4:37:18 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: 400-225667-1

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: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Client Sample ID: MW-100 — Lab Sample ID: 400-225667-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.019		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.031	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	1.0	V	0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	36		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.4		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	1.7	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.72				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 400-225667-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0089		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.029	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	0.60	V	0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	14		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.4		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	1.5	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-107 — Lab Sample ID: 400-225667-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.031	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	0.61		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	22		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.6		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	1.4	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.92				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 400-225667-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.055	V	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	2.1		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	44		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.4		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	5.5		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.78				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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 — Lab Sample ID: 400-225667-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.027	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	0.69		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	24		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	4.87				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-307 — Lab Sample ID: 400-225667-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.025	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	0.82		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00064	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0034		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	48		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	5.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Field pH	5.13				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 400-225667-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.046	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	0.89		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00059	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Selenium	0.0023		0.0013	0.00082	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	38		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	1.5	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.72				SU	1		Field Sampling	Total/NA

Client Sample ID: EB-01 — Lab Sample ID: 400-225667-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.049	I V J3	0.050	0.0012	mg/L	5		6020	Total Recoverable
Selenium	0.012		0.0013	0.00082	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Lab Sample ID: 400-225667-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0037		0.0013	0.00082	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

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 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-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 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-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 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-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 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-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 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-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 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 Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

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 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

Lab Chronicle

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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 Collected: 09/07/22 11:50
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-107
Date Collected: 09/07/22 14:12
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	591951	JAS	EET PEN	09/09/22 16:17

Lab Chronicle

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-108

Date Collected: 09/08/22 08:17
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-306

Date Collected: 09/08/22 10:13
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-306

Lab Sample ID: 400-225667-5

Date Collected: 09/08/22 10:13

Matrix: Water

Date Received: 09/08/22 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-307

Lab Sample ID: 400-225667-6

Date Collected: 09/08/22 12:47

Matrix: Water

Date Received: 09/08/22 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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: DUP-01

Lab Sample ID: 400-225667-7

Date Collected: 09/07/22 09:11

Matrix: Water

Date Received: 09/08/22 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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

Lab Chronicle

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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: EB-01
Date Collected: 09/08/22 12:02
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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: FB-01
Date Collected: 09/08/22 12:58
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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.

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
SDG: Background A

Laboratory References:

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	No		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	
					RDH 9-8-22									

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
[signature]	9-8-22 1638	RDH ENV.	MD	9/8/22 1638	~~[illegible]~~

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: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-1
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	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-22
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

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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 R 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

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: 400-225667-2

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/ labor 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

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
SDG: Background A

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

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

Sample Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
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 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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.365		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	*92.9*		*40 - 110*	*09/14/22 10:39*	*10/06/22 16:24*	*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	1.63		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	*92.9*		*40 - 110*	*09/14/22 11:17*	*10/06/22 12:48*	*1*
Y Carrier	*91.6*		*40 - 110*	*09/14/22 11:17*	*10/06/22 12:48*	*1*

Method: TAL-STL 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	2.00		0.488	0.511	5.00	0.456	pCi/L		10/07/22 14:38	1

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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
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*	*09/13/22 10:54*	*10/11/22 13:13*	*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	**1.10**		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*	*09/13/22 11:14*	*10/10/22 12:31*	*1*
Y Carrier	*84.5*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:31*	*1*

Method: TAL-STL 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**		0.400	0.414	5.00	0.427	pCi/L		10/13/22 16:15	1

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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.282		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	*99.5*		*40 - 110*	*09/13/22 10:54*	*10/11/22 13:13*	*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	1.18		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	*99.5*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:32*	*1*
Y Carrier	*72.1*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:32*	*1*

Method: TAL-STL 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	1.46		0.465	0.478	5.00	0.529	pCi/L		10/13/22 16:15	1

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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.638		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	*98.0*		*40 - 110*	*09/13/22 10:54*	*10/11/22 13:14*	*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	2.69		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	*98.0*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:32*	*1*
Y Carrier	*88.6*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:32*	*1*

Method: TAL-STL 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	3.32		0.566	0.620	5.00	0.461	pCi/L		10/13/22 16:15	1

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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.225		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	*93.1*		*40 - 110*	*09/13/22 10:54*	*10/11/22 13:14*	*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	0.711		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	*93.1*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:32*	*1*
Y Carrier	*75.5*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:32*	*1*

Method: TAL-STL 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	0.936		0.411	0.417	5.00	0.519	pCi/L		10/13/22 16:15	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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.263		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*	*09/13/22 10:54*	*10/11/22 15:30*	*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	1.09		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*	*09/13/22 11:14*	*10/10/22 12:33*	*1*
Y Carrier	*80.7*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:33*	*1*

Method: TAL-STL 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	1.36		0.416	0.428	5.00	0.459	pCi/L		10/13/22 16:15	1

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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.290		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*	*09/13/22 10:54*	*10/11/22 15:31*	*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	1.07		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*	*09/13/22 11:14*	*10/10/22 12:33*	*1*
Y Carrier	*86.7*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:33*	*1*

Method: TAL-STL 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	1.36		0.421	0.433	5.00	0.491	pCi/L		10/13/22 16:15	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: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (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	*103*		*40 - 110*	*09/13/22 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	0.0806	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	*103*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:33*	*1*
Y Carrier	*80.7*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:33*	*1*

Method: TAL-STL 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	0.0927	U	0.365	0.365	5.00	0.621	pCi/L		10/13/22 16:15	1

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: 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*	*09/13/22 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*	*09/13/22 11:14*	*10/10/22 12:33*	*1*
Y Carrier	*88.6*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:33*	*1*

Method: TAL-STL 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	0.233	U	0.312	0.313	5.00	0.497	pCi/L		10/13/22 16:15	1

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
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: 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 Collected: 09/07/22 10:11
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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 Collected: 09/07/22 11:50
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-107
Date Collected: 09/07/22 14:12
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-108
Date Collected: 09/08/22 08:17
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-306
Date Collected: 09/08/22 10:13
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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-307
Date Collected: 09/08/22 12:47
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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: DUP-01
Date Collected: 09/07/22 09:11
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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: EB-01
Date Collected: 09/08/22 12:02
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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: FB-01

Date Collected: 09/08/22 12:58
Date Received: 09/08/22 16:38

Lab Sample ID: 400-225667-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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

Laboratory References:

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

Rad

Prep Batch: 581883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-2	MW-101	Total/NA	Water	PrecSep-21	
400-225667-3	MW-107	Total/NA	Water	PrecSep-21	
400-225667-4	MW-108	Total/NA	Water	PrecSep-21	
400-225667-5	MW-306	Total/NA	Water	PrecSep-21	
400-225667-6	MW-307	Total/NA	Water	PrecSep-21	
400-225667-7	DUP-01	Total/NA	Water	PrecSep-21	
400-225667-8	EB-01	Total/NA	Water	PrecSep-21	
400-225667-9	FB-01	Total/NA	Water	PrecSep-21	
MB 160-581883/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-581883/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-581883/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 581888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-2	MW-101	Total/NA	Water	PrecSep_0	
400-225667-3	MW-107	Total/NA	Water	PrecSep_0	
400-225667-4	MW-108	Total/NA	Water	PrecSep_0	
400-225667-5	MW-306	Total/NA	Water	PrecSep_0	
400-225667-6	MW-307	Total/NA	Water	PrecSep_0	
400-225667-7	DUP-01	Total/NA	Water	PrecSep_0	
400-225667-8	EB-01	Total/NA	Water	PrecSep_0	
400-225667-9	FB-01	Total/NA	Water	PrecSep_0	
MB 160-581888/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-581888/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-581888/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 582040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	PrecSep-21	
MB 160-582040/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-582040/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
280-166284-A-2-B DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 582045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225667-1	MW-100	Total/NA	Water	PrecSep_0	
MB 160-582045/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-582045/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
280-166284-A-2-D DU	Duplicate	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-581883/1-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 581883

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	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	*96.0*		*40 - 110*	*09/13/22 10:54*	*10/11/22 09:41*	*1*

Lab Sample ID: LCS 160-581883/2-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 581883

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	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	*96.0*		*40 - 110*

Lab Sample ID: LCSD 160-581883/3-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 581883

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER 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 160-582040/1-A
Matrix: Water
Analysis Batch: 584889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582040

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	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	*93.1*		*40 - 110*	*09/14/22 10:39*	*10/06/22 15:37*	*1*

Lab Sample ID: LCS 160-582040/2-A
Matrix: Water
Analysis Batch: 584890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582040

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	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 160-582040/2-A
Matrix: Water
Analysis Batch: 584890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582040

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*102*		*40 - 110*

Lab Sample ID: 280-166284-A-2-B DU
Matrix: Water
Analysis Batch: 584890

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 582040

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER 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	*97.8*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-581888/1-A
Matrix: Water
Analysis Batch: 585375

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 581888

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
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	*96.0*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:31*	*1*
Y Carrier	*85.6*		*40 - 110*	*09/13/22 11:14*	*10/10/22 12:31*	*1*

Lab Sample ID: LCS 160-581888/2-A
Matrix: Water
Analysis Batch: 585375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 581888

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec 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	*96.0*		*40 - 110*
Y Carrier	*86.4*		*40 - 110*

Lab Sample ID: LCSD 160-581888/3-A
Matrix: Water
Analysis Batch: 585375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 581888

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.21	10.47		1.35	1.00	0.458	pCi/L	128	75 - 125	0.93	1

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

Lab Sample ID: LCSD 160-581888/3-A
Matrix: Water
Analysis Batch: 585375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 581888

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	101		40 - 110
Y Carrier	84.9		40 - 110

Lab Sample ID: MB 160-582045/1-A
Matrix: Water
Analysis Batch: 584890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582045

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
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	93.1		40 - 110	09/14/22 11:16	10/06/22 12:45	1
Y Carrier	92.7		40 - 110	09/14/22 11:16	10/06/22 12:45	1

Lab Sample ID: LCS 160-582045/2-A
Matrix: Water
Analysis Batch: 584890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582045

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec 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	102		40 - 110
Y Carrier	92.7		40 - 110

Lab Sample ID: 280-166284-A-2-D DU
Matrix: Water
Analysis Batch: 584890

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 582045

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER 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	97.8		40 - 110
Y Carrier	90.8		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	No		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	
					RDH 9-8-22									

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
[signature]	9-8-22 1638	RDH ENV.	MD	9/8/22 1638	~~[illegible]~~

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
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	

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225667-2
SDG Number: Background A

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

Accreditation/Certification Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225667-2
SDG: Background A

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-225845-1
Laboratory Sample Delivery Group: Downgradient D
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 4:40:54 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: 400-225845-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225845-1

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 9/13/2022 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.7º C.

Metals
Method 6020: The ICV for batch 400-593338 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 fie samples. Data has therefore been reported and narrated accordingly.

Method 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-200 (400-225845-1) and MW-206 (400-225845-3). Elevated reporting limits (RLs) are provided.

Method 6020: The samples are unable to be ran at a lower dilution due to high concentration of Boron. Therefore, all reportable analytes are able to be reported at a higher dilution: MW-200 (400-225845-1), MW-201 (400-225845-2), MW-206 (400-225845-3 and FB-03 (400-225845-4). Elevated reporting limits (RLs) are provided.

Method 6020: The ICV for batch 400-594320 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 fie samples. Data has therefore been reported and narrated accordingly.

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-592475 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 Cl- E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-200 (400-225845-1), MW-201 (400-225845-2) and MW-206 (400-225845-3). Elevated reporting limits (RLs) are prov

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-200 (400-225845-1), MW-201 (400-225845-2) and MW-206 (400-225845-3). Elevated reporting limits (RLs) are prov

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: MW-200 — Lab Sample ID: 400-225845-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.27	I	1.0	0.14	mg/L	1		300.0	Total/NA
Barium	0.059		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	7.2		1.0	0.024	mg/L	100		6020	Total Recoverable
Cadmium	0.0027		0.0025	0.00065	mg/L	5		6020	Total Recoverable
Calcium	93		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00069	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Mercury	0.00038		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	600		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	180		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	130		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.82				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-201 — Lab Sample ID: 400-225845-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.034		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.7		0.50	0.012	mg/L	50		6020	Total Recoverable
Cadmium	0.00066	I	0.0025	0.00065	mg/L	5		6020	Total Recoverable
Calcium	82		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0011	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Mercury	0.00027		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	530		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	130		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	95		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.76				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-206 — Lab Sample ID: 400-225845-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.039		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	9.1		1.0	0.024	mg/L	100		6020	Total Recoverable
Calcium	160		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0014	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	920		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	300		20	14	mg/L	10		SM 4500 Cl- E	Total/NA
Sulfate	160		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	4.88				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: FB-03 — Lab Sample ID: 400-225845-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.41		0.050	0.0012	mg/L	5		6020	Total Recoverable

Client Sample ID: EB-03 — Lab Sample ID: 400-225845-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.23		0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	0.15	I V	0.25	0.13	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

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: 400-225845-1
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225845-1	MW-200	Water	09/13/22 11:21	09/13/22 17:05
400-225845-2	MW-201	Water	09/13/22 08:30	09/13/22 17:05
400-225845-3	MW-206	Water	09/13/22 09:37	09/13/22 17:05
400-225845-4	FB-03	Water	09/13/22 09:22	09/13/22 17:05
400-225845-5	EB-03	Water	09/13/22 09:57	09/13/22 17:05

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: MW-200

Date Collected: 09/13/22 11:21
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-1

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.27**	**I**	1.0	0.14	mg/L			09/16/22 17:00	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		09/17/22 10:31	09/20/22 20:15	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:15	5
Barium	**0.059**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:15	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:15	5
Boron	**7.2**		1.0	0.024	mg/L		09/17/22 10:31	09/22/22 21:43	100
Cadmium	**0.0027**		0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:15	5
Calcium	**93**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:15	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:15	5
Cobalt	**0.00069**	**I**	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:15	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:15	5
Lithium	0.098	U	0.10	0.098	mg/L		09/17/22 10:31	09/23/22 20:46	100
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:15	5
Selenium	0.016	U	0.025	0.016	mg/L		09/17/22 10:31	09/28/22 00:09	100
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:15	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00038**		0.00020	0.00015	mg/L		09/28/22 11:31	10/03/22 09:54	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**600**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**180**		10	7.0	mg/L			09/17/22 20:18	5
Sulfate (SM 4500 SO4 E)	**130**		25	7.0	mg/L			09/18/22 22:53	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.82**				SU			09/13/22 11:21	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: MW-201

Date Collected: 09/13/22 08:30
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-2

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			09/16/22 17:23	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		09/17/22 10:31	09/20/22 20:18	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:18	5
Barium	**0.034**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:18	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:18	5
Boron	**2.7**		0.50	0.012	mg/L		09/17/22 10:31	09/28/22 00:12	50
Cadmium	**0.00066**	**I**	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:18	5
Calcium	**82**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:18	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:18	5
Cobalt	**0.0011**	**I**	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:18	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:18	5
Lithium	0.049	U	0.050	0.049	mg/L		09/17/22 10:31	09/23/22 20:49	50
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:18	5
Selenium	0.0082	U	0.013	0.0082	mg/L		09/17/22 10:31	09/28/22 00:12	50
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:18	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00027**		0.00020	0.00015	mg/L		09/28/22 11:31	10/03/22 09:56	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**530**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**130**		10	7.0	mg/L			09/17/22 20:18	5
Sulfate (SM 4500 SO4 E)	**95**		25	7.0	mg/L			09/18/22 22:54	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.76**				SU			09/13/22 08:30	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: MW-206

Date Collected: 09/13/22 09:37
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-3

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			09/16/22 18:09	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		09/17/22 10:31	09/20/22 20:21	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:21	5
Barium	**0.039**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:21	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:21	5
Boron	**9.1**		1.0	0.024	mg/L		09/17/22 10:31	09/22/22 21:49	100
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:21	5
Calcium	**160**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:21	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:21	5
Cobalt	**0.0014**	**I**	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:21	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:21	5
Lithium	0.098	U	0.10	0.098	mg/L		09/17/22 10:31	09/23/22 20:52	100
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:21	5
Selenium	0.016	U	0.025	0.016	mg/L		09/17/22 10:31	09/28/22 00:15	100
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:21	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		09/28/22 11:31	10/03/22 10:09	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**920**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**300**		20	14	mg/L			09/17/22 20:19	10
Sulfate (SM 4500 SO4 E)	**160**		50	14	mg/L			09/18/22 22:54	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.88**				SU			09/13/22 09:37	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: FB-03

Date Collected: 09/13/22 09:22
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-4

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			09/16/22 18:32	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		09/17/22 10:31	09/20/22 20:24	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:24	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:24	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:24	5
Boron	**0.41**		0.050	0.0012	mg/L		09/17/22 10:31	09/20/22 20:24	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:24	5
Calcium	0.13	U	0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:24	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:24	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:24	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:24	5
Lithium	0.049	U	0.050	0.049	mg/L		09/17/22 10:31	09/23/22 20:55	50
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:24	5
Selenium	0.0082	U	0.013	0.0082	mg/L		09/17/22 10:31	09/28/22 00:18	50
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:24	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		09/28/22 11:32	10/02/22 14:23	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			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	1.4	U	2.0	1.4	mg/L			09/17/22 19:48	1
Sulfate (SM 4500 SO4 E)	1.4	U	5.0	1.4	mg/L			09/18/22 22:55	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: EB-03

Date Collected: 09/13/22 09:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-5

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			09/16/22 18:55	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		09/17/22 10:31	09/20/22 20:27	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:27	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:27	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:27	5
Boron	**0.23**		0.050	0.0012	mg/L		09/17/22 10:31	09/20/22 20:27	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:27	5
Calcium	**0.15**	**I V**	0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:27	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:27	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:27	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:27	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 20:58	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:27	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/17/22 10:31	09/28/22 00:21	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:27	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		09/28/22 11:32	10/02/22 14:37	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			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	1.4	U	2.0	1.4	mg/L			09/18/22 20:08	1
Sulfate (SM 4500 SO4 E)	1.4	U	5.0	1.4	mg/L			09/18/22 22:55	1

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Qualifiers

HPLC/IC

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.

Metals

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

General Chemistry

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

Glossary

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

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: MW-200

Date Collected: 09/13/22 11:21
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 17:00
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:15
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593654	NTH	EET PEN	09/22/22 21:43
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593804	NTH	EET PEN	09/23/22 20:46
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	594320	NTH	EET PEN	09/28/22 00:09
Total/NA	Prep	7470A			594225	NET	EET PEN	09/28/22 11:31 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/03/22 09:54
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		5	592920	DN1	EET PEN	09/17/22 20:18
Total/NA	Analysis	SM 4500 SO4 E		5	592948	DN1	EET PEN	09/18/22 22:53
Total/NA	Analysis	Field Sampling		1	594498	S1K	EET PEN	09/13/22 11:21

Client Sample ID: MW-201

Date Collected: 09/13/22 08:30
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 17:23
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:18
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593804	NTH	EET PEN	09/23/22 20:49
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	594320	NTH	EET PEN	09/28/22 00:12
Total/NA	Prep	7470A			594225	NET	EET PEN	09/28/22 11:31 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/03/22 09:56
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		5	592920	DN1	EET PEN	09/17/22 20:18
Total/NA	Analysis	SM 4500 SO4 E		5	592948	DN1	EET PEN	09/18/22 22:54
Total/NA	Analysis	Field Sampling		1	594498	S1K	EET PEN	09/13/22 08:30

Client Sample ID: MW-206

Date Collected: 09/13/22 09:37
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 18:09
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:21

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: MW-206

Date Collected: 09/13/22 09:37
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593654	NTH	EET PEN	09/22/22 21:49
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593804	NTH	EET PEN	09/23/22 20:52
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	594320	NTH	EET PEN	09/28/22 00:15
Total/NA	Prep	7470A			594225	NET	EET PEN	09/28/22 11:31 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/03/22 10:09
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		10	592920	DN1	EET PEN	09/17/22 20:19
Total/NA	Analysis	SM 4500 SO4 E		10	592948	DN1	EET PEN	09/18/22 22:54
Total/NA	Analysis	Field Sampling		1	594498	S1K	EET PEN	09/13/22 09:37

Client Sample ID: FB-03

Date Collected: 09/13/22 09:22
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 18:32
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:24
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593804	NTH	EET PEN	09/23/22 20:55
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	594320	NTH	EET PEN	09/28/22 00:18
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:23
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592920	DN1	EET PEN	09/17/22 19:48
Total/NA	Analysis	SM 4500 SO4 E		1	592948	DN1	EET PEN	09/18/22 22:55

Client Sample ID: EB-03

Date Collected: 09/13/22 09:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 18:55
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:27
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 20:58
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	594320	NTH	EET PEN	09/28/22 00:21

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

Client Sample ID: EB-03

Date Collected: 09/13/22 09:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:37
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592946	DN1	EET PEN	09/18/22 20:08
Total/NA	Analysis	SM 4500 SO4 E		1	592948	DN1	EET PEN	09/18/22 22:55

[1] Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Laboratory References:

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

HPLC/IC

Analysis Batch: 592785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	300.0	
400-225845-2	MW-201	Total/NA	Water	300.0	
400-225845-3	MW-206	Total/NA	Water	300.0	
400-225845-4	FB-03	Total/NA	Water	300.0	
400-225845-5	EB-03	Total/NA	Water	300.0	
MB 400-592785/5	Method Blank	Total/NA	Water	300.0	
LCS 400-592785/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-592785/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225893-I-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-225893-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 592886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total Recoverable	Water	3005A	
400-225845-2	MW-201	Total Recoverable	Water	3005A	
400-225845-3	MW-206	Total Recoverable	Water	3005A	
400-225845-4	FB-03	Total Recoverable	Water	3005A	
400-225845-5	EB-03	Total Recoverable	Water	3005A	
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-225846-D-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-225846-D-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 593338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total Recoverable	Water	6020	592886
400-225845-2	MW-201	Total Recoverable	Water	6020	592886
400-225845-3	MW-206	Total Recoverable	Water	6020	592886
400-225845-4	FB-03	Total Recoverable	Water	6020	592886
400-225845-5	EB-03	Total Recoverable	Water	6020	592886
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886
400-225846-D-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	592886
400-225846-D-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	592886

Analysis Batch: 593462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886

Analysis Batch: 593654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total Recoverable	Water	6020	592886
400-225845-3	MW-206	Total Recoverable	Water	6020	592886

Analysis Batch: 593804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total Recoverable	Water	6020	592886
400-225845-2	MW-201	Total Recoverable	Water	6020	592886

Metals (Continued)

Analysis Batch: 593804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-3	MW-206	Total Recoverable	Water	6020	592886
400-225845-4	FB-03	Total Recoverable	Water	6020	592886
400-225845-5	EB-03	Total Recoverable	Water	6020	592886
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886

Prep Batch: 594225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	7470A	
400-225845-2	MW-201	Total/NA	Water	7470A	
400-225845-3	MW-206	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-D-2-C MS	Matrix Spike	Total/NA	Water	7470A	
400-225722-D-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 594226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-4	FB-03	Total/NA	Water	7470A	
400-225845-5	EB-03	Total/NA	Water	7470A	
MB 400-594226/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-594226/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-225845-4 MS	FB-03	Total/NA	Water	7470A	
400-225845-4 MSD	FB-03	Total/NA	Water	7470A	

Analysis Batch: 594320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total Recoverable	Water	6020	592886
400-225845-2	MW-201	Total Recoverable	Water	6020	592886
400-225845-3	MW-206	Total Recoverable	Water	6020	592886
400-225845-4	FB-03	Total Recoverable	Water	6020	592886
400-225845-5	EB-03	Total Recoverable	Water	6020	592886

Analysis Batch: 594812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	7470A	594225
400-225845-2	MW-201	Total/NA	Water	7470A	594225
400-225845-3	MW-206	Total/NA	Water	7470A	594225
400-225845-4	FB-03	Total/NA	Water	7470A	594226
400-225845-5	EB-03	Total/NA	Water	7470A	594226
MB 400-594225/14-A	Method Blank	Total/NA	Water	7470A	594225
MB 400-594226/14-A	Method Blank	Total/NA	Water	7470A	594226
LCS 400-594225/15-A	Lab Control Sample	Total/NA	Water	7470A	594225
LCS 400-594226/15-A	Lab Control Sample	Total/NA	Water	7470A	594226
400-225722-D-2-C MS	Matrix Spike	Total/NA	Water	7470A	594225
400-225722-D-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	594225
400-225845-4 MS	FB-03	Total/NA	Water	7470A	594226
400-225845-4 MSD	FB-03	Total/NA	Water	7470A	594226

General Chemistry

Analysis Batch: 592475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	SM 2540C	
400-225845-2	MW-201	Total/NA	Water	SM 2540C	
400-225845-3	MW-206	Total/NA	Water	SM 2540C	
400-225845-4	FB-03	Total/NA	Water	SM 2540C	
400-225845-5	EB-03	Total/NA	Water	SM 2540C	
MB 400-592475/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-592475/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-225845-1 DU	MW-200	Total/NA	Water	SM 2540C	

Analysis Batch: 592920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	SM 4500 Cl- E	
400-225845-2	MW-201	Total/NA	Water	SM 4500 Cl- E	
400-225845-3	MW-206	Total/NA	Water	SM 4500 Cl- E	
400-225845-4	FB-03	Total/NA	Water	SM 4500 Cl- E	
MB 400-592920/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592920/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-592920/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-225791-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-225791-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 592946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-5	EB-03	Total/NA	Water	SM 4500 Cl- E	
MB 400-592946/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592946/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-592946/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-225846-A-2 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-225846-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 592948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	SM 4500 SO4 E	
400-225845-2	MW-201	Total/NA	Water	SM 4500 SO4 E	
400-225845-3	MW-206	Total/NA	Water	SM 4500 SO4 E	
400-225845-4	FB-03	Total/NA	Water	SM 4500 SO4 E	
400-225845-5	EB-03	Total/NA	Water	SM 4500 SO4 E	
MB 400-592948/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-592948/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-592948/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-225844-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-225844-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 594498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	Field Sampling	
400-225845-2	MW-201	Total/NA	Water	Field Sampling	
400-225845-3	MW-206	Total/NA	Water	Field Sampling	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-592785/5
Matrix: Water
Analysis Batch: 592785

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			09/16/22 10:56	1

Lab Sample ID: LCS 400-592785/6
Matrix: Water
Analysis Batch: 592785

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	10.7		mg/L		107	90 - 110		

Lab Sample ID: LCSD 400-592785/7
Matrix: Water
Analysis Batch: 592785

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	0	15

Lab Sample ID: 400-225893-I-1 MS
Matrix: Water
Analysis Batch: 592785

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	4.5		10.0	15.3		mg/L		108	80 - 120		

Lab Sample ID: 400-225893-I-1 MSD
Matrix: Water
Analysis Batch: 592785

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	4.5		10.0	15.9		mg/L		114	80 - 120	4	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/20/22 18:42	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 18:42	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 18:42	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 18:42	5
Boron	0.144		0.050	0.0012	mg/L		09/17/22 10:31	09/20/22 18:42	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 18:42	5
Calcium	0.132	I	0.25	0.13	mg/L		09/17/22 10:31	09/20/22 18:42	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 18:42	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 18:42	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 18:42	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 18:42	5
Selenium	0.0180		0.0013	0.00082	mg/L		09/17/22 10:31	09/20/22 18:42	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 18:42	5

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/21/22 15:58	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/21/22 15:58	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/21/22 15:58	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/21/22 15:58	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/21/22 15:58	5

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/23/22 19:47	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/23/22 19:47	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/23/22 19:47	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/23/22 19:47	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/23/22 19:47	5
Calcium	0.13	U	0.25	0.13	mg/L		09/17/22 10:31	09/23/22 19:47	5
Chromium	0.00292		0.0025	0.0010	mg/L		09/17/22 10:31	09/23/22 19:47	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/23/22 19:47	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/23/22 19:47	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 19:47	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/23/22 19:47	5
Selenium	0.0144		0.0013	0.00082	mg/L		09/17/22 10:31	09/23/22 19:47	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/23/22 19:47	5

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0532		mg/L		106	80 - 120
Arsenic	0.0500	0.0506		mg/L		101	80 - 120
Barium	0.0500	0.0518		mg/L		104	80 - 120
Beryllium	0.0500	0.0494		mg/L		99	80 - 120
Cadmium	0.0500	0.0527		mg/L		105	80 - 120
Calcium	5.00	5.38		mg/L		108	80 - 120
Chromium	0.0500	0.0522		mg/L		104	80 - 120
Cobalt	0.0500	0.0504		mg/L		101	80 - 120
Lead	0.0500	0.0504		mg/L		101	80 - 120
Molybdenum	0.0500	0.0537		mg/L		107	80 - 120
Thallium	0.0100	0.00998		mg/L		100	80 - 120

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0565		mg/L		113	80 - 120
Barium	0.0500	0.0552		mg/L		110	80 - 120

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

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0541		mg/L		108	80 - 120
Lead	0.0500	0.0548		mg/L		110	80 - 120

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0516		mg/L		103	80 - 120
Arsenic	0.0500	0.0506		mg/L		101	80 - 120
Barium	0.0500	0.0518		mg/L		104	80 - 120
Beryllium	0.0500	0.0497		mg/L		99	80 - 120
Cadmium	0.0500	0.0514		mg/L		103	80 - 120
Calcium	5.00	5.16		mg/L		103	80 - 120
Chromium	0.0500	0.0553		mg/L		111	80 - 120
Cobalt	0.0500	0.0518		mg/L		104	80 - 120
Lead	0.0500	0.0502		mg/L		100	80 - 120
Lithium	0.0500	0.0474		mg/L		95	80 - 120
Molybdenum	0.0500	0.0518		mg/L		104	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: 400-225846-D-1-B MS ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0530		mg/L		106	75 - 125
Arsenic	0.0012	U	0.0500	0.0503		mg/L		101	75 - 125
Barium	0.029		0.0500	0.0810		mg/L		104	75 - 125
Beryllium	0.00092	U	0.0500	0.0490		mg/L		98	75 - 125
Cadmium	0.00065	U	0.0500	0.0521		mg/L		104	75 - 125
Calcium	4.9		5.00	10.2		mg/L		105	75 - 125
Chromium	0.0010	U	0.0500	0.0527		mg/L		105	75 - 125
Cobalt	0.00056	U	0.0500	0.0499		mg/L		100	75 - 125
Lead	0.00081	U	0.0500	0.0499		mg/L		100	75 - 125
Molybdenum	0.0013	U	0.0500	0.0493		mg/L		99	75 - 125
Thallium	0.00046	U	0.0100	0.0100		mg/L		100	75 - 125

Lab Sample ID: 400-225846-D-1-C MSD ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 592886

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	2	20
Arsenic	0.0012	U	0.0500	0.0501		mg/L		100	75 - 125	0	20
Barium	0.029		0.0500	0.0811		mg/L		104	75 - 125	0	20
Beryllium	0.00092	U	0.0500	0.0492		mg/L		98	75 - 125	0	20
Cadmium	0.00065	U	0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	4.9		5.00	10.1		mg/L		103	75 - 125	1	20

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

Lab Sample ID: 400-225846-D-1-C MSD ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	0.0010	U	0.0500	0.0541		mg/L		108	75 - 125	3	20
Cobalt	0.00056	U	0.0500	0.0508		mg/L		102	75 - 125	2	20
Lead	0.00081	U	0.0500	0.0503		mg/L		101	75 - 125	1	20
Molybdenum	0.0013	U	0.0500	0.0515		mg/L		103	75 - 125	4	20
Thallium	0.00046	U	0.0100	0.0102		mg/L		102	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

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-D-2-C MS
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike
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-D-2-D MSD
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike Duplicate
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

Lab Sample ID: MB 400-594226/14-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 594226

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 11:32	10/02/22 14:19	1

Lab Sample ID: LCS 400-594226/15-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 594226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.00104		mg/L		103	80 - 120

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

Lab Sample ID: 400-225845-4 MS
Matrix: Water
Analysis Batch: 594812

Client Sample ID: FB-03
Prep Type: Total/NA
Prep Batch: 594226

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00210		mg/L		104	80 - 120

Lab Sample ID: 400-225845-4 MSD
Matrix: Water
Analysis Batch: 594812

Client Sample ID: FB-03
Prep Type: Total/NA
Prep Batch: 594226

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	0.00219		mg/L		109	80 - 120	4	20

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

Lab Sample ID: MB 400-592475/1
Matrix: Water
Analysis Batch: 592475

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			09/14/22 11:43	1

Lab Sample ID: LCS 400-592475/2
Matrix: Water
Analysis Batch: 592475

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

Lab Sample ID: 400-225845-1 DU
Matrix: Water
Analysis Batch: 592475

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	600		640	J3	mg/L		7	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-592920/13
Matrix: Water
Analysis Batch: 592920

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			09/17/22 19:40	1

Lab Sample ID: LCS 400-592920/14
Matrix: Water
Analysis Batch: 592920

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	49.2		mg/L		98	90 - 110

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

Lab Sample ID: MRL 400-592920/15
Matrix: Water
Analysis Batch: 592920

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	1.68	I	mg/L		84	50 - 150		

Lab Sample ID: 400-225791-A-1 MS
Matrix: Water
Analysis Batch: 592920

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	7.1		10.0	16.4		mg/L		93	73 - 120		

Lab Sample ID: 400-225791-A-1 MSD
Matrix: Water
Analysis Batch: 592920

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	7.1		10.0	16.5		mg/L		94	73 - 120	1	8

Lab Sample ID: MB 400-592946/13
Matrix: Water
Analysis Batch: 592946

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			09/18/22 19:57	1

Lab Sample ID: LCS 400-592946/14
Matrix: Water
Analysis Batch: 592946

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	49.1		mg/L		98	90 - 110		

Lab Sample ID: MRL 400-592946/15
Matrix: Water
Analysis Batch: 592946

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	1.66	I	mg/L		83	50 - 150		

Lab Sample ID: 400-225846-A-2 MS
Matrix: Water
Analysis Batch: 592946

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	2.7		10.0	11.5		mg/L		87	73 - 120		

Lab Sample ID: 400-225846-A-2 MSD
Matrix: Water
Analysis Batch: 592946

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	2.7		10.0	11.9		mg/L		92	73 - 120	4	8

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-592948/12
Matrix: Water
Analysis Batch: 592948

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/22 22:42	1

Lab Sample ID: LCS 400-592948/13
Matrix: Water
Analysis Batch: 592948

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		100	90 - 110

Lab Sample ID: MRL 400-592948/14
Matrix: Water
Analysis Batch: 592948

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.31	I	mg/L		86	50 - 150

Lab Sample ID: 400-225844-A-1 MS
Matrix: Water
Analysis Batch: 592948

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	12		10.0	23.2		mg/L		117	77 - 128

Lab Sample ID: 400-225844-A-1 MSD
Matrix: Water
Analysis Batch: 592948

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	12		10.0	23.1		mg/L		116	77 - 128	0	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 Hagendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113841-23630.1
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 Downgradient D	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225845 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-200	9-13-22	1121	G	Water	NO		X	X	X	X	X	X	4	
MW-201	9-13-22	0830	G	Water	NO		X	X	X	X	X	X	4	
MW-206	9-13-22	0937	G	Water	NO		X	X	X	X	X	X	4	
FB-03	9-13-22	0922	G	Water	NO		X	X		X	X	X	4	
EB-03	9-13-22	0957	G	Water	NO		X	X		X	X	X	4	

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: ADaPT Files

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-13-22 1705	RDH ENV		9/13/22 1705	CETS
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: 4.7°C IR8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225845-1
SDG Number: Downgradient D

Login Number: 225845
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	4.7°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: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-1
SDG: Downgradient D

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	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-225845-2
Laboratory Sample Delivery Group: Downgradient D
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 5:14:12 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: 400-225845-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225845-2

Receipt
The samples were received on 9/13/2022 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.7°C

Gas Flow Proportional Counter
Method 9315_Ra226: Radium-226 batch 582481. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-200 (400-225845-1), MW-201 (400-225845-2), MW-206 (400-225845-3), FB-03 (400-225845-4), EB-03 (400-225845-5), (LCS 160-582481/2-A), (LCSD 160-582481/3-A) and (MB 160-582481/1-A)

Method 9320_Ra228: Radium-228 batch 582491. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-200 (400-225845-1), MW-201 (400-225845-2), MW-206 (400-225845-3), FB-03 (400-225845-4), EB-03 (400-225845-5), (LCS 160-582491/2-A), (LCSD 160-582491/3-A) and (MB 160-582491/1-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-2
SDG: Downgradient D

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

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

Sample Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-2
SDG: Downgradient D

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225845-1	MW-200	Water	09/13/22 11:21	09/13/22 17:05
400-225845-2	MW-201	Water	09/13/22 08:30	09/13/22 17:05
400-225845-3	MW-206	Water	09/13/22 09:37	09/13/22 17:05
400-225845-4	FB-03	Water	09/13/22 09:22	09/13/22 17:05
400-225845-5	EB-03	Water	09/13/22 09:57	09/13/22 17:05

Client Sample ID: MW-200

Date Collected: 09/13/22 11:21
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-1

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	4.49		0.622	0.742	1.00	0.279	pCi/L	09/16/22 12:39	10/11/22 20:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:13*	*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	8.86		0.858	1.18	1.00	0.447	pCi/L	09/16/22 13:29	10/11/22 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*
Y Carrier	*87.9*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	13.4		1.06	1.39	5.00	0.447	pCi/L		10/13/22 12:25	1

Client Sample ID: MW-201

Date Collected: 09/13/22 08:30
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-2

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	1.57		0.410	0.434	1.00	0.382	pCi/L	09/16/22 12:39	10/11/22 20:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:13*	*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	2.93		0.516	0.583	1.00	0.413	pCi/L	09/16/22 13:29	10/11/22 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*
Y Carrier	*89.0*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*

Method: TAL-STL 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	4.50		0.659	0.727	5.00	0.413	pCi/L		10/13/22 12:25	1

Client Sample ID: MW-206

Date Collected: 09/13/22 09:37
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-3

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	2.28		0.495	0.535	1.00	0.386	pCi/L	09/16/22 12:39	10/11/22 20:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.5*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:13*	*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	3.91		0.643	0.736	1.00	0.493	pCi/L	09/16/22 13:29	10/11/22 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.5*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*
Y Carrier	*89.3*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*

Method: TAL-STL 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	6.19		0.811	0.910	5.00	0.493	pCi/L		10/13/22 12:25	1

Client Sample ID: FB-03

Date Collected: 09/13/22 09:22
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-4

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	0.0897	U	0.163	0.163	1.00	0.295	pCi/L	09/16/22 12:39	10/11/22 20:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:14*	*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	0.307	U	0.319	0.320	1.00	0.516	pCi/L	09/16/22 13:29	10/11/22 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*
Y Carrier	*85.6*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*

Method: TAL-STL 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	0.397	U	0.358	0.359	5.00	0.516	pCi/L		10/13/22 12:25	1

Client Sample ID: EB-03

Date Collected: 09/13/22 09:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-5

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	0.0533	U	0.140	0.140	1.00	0.265	pCi/L	09/16/22 12:39	10/11/22 20:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:14*	*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	**0.672**		0.404	0.409	1.00	0.603	pCi/L	09/16/22 13:29	10/11/22 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*
Y Carrier	*90.1*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*

Method: TAL-STL 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	**0.725**		0.428	0.432	5.00	0.603	pCi/L		10/13/22 12:25	1

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-2
SDG: Downgradient D

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-2
SDG: Downgradient D

Client Sample ID: MW-200
Date Collected: 09/13/22 11:21
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:13
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585419	FLC	EET SL	10/11/22 13:03
Total/NA	Analysis	Ra226_Ra228		1	585785	CAH	EET SL	10/13/22 12:25

Client Sample ID: MW-201
Date Collected: 09/13/22 08:30
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:13
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585419	FLC	EET SL	10/11/22 13:03
Total/NA	Analysis	Ra226_Ra228		1	585785	CAH	EET SL	10/13/22 12:25

Client Sample ID: MW-206
Date Collected: 09/13/22 09:37
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:13
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585419	FLC	EET SL	10/11/22 13:03
Total/NA	Analysis	Ra226_Ra228		1	585785	CAH	EET SL	10/13/22 12:25

Client Sample ID: FB-03
Date Collected: 09/13/22 09:22
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:14
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585419	FLC	EET SL	10/11/22 13:03
Total/NA	Analysis	Ra226_Ra228		1	585785	CAH	EET SL	10/13/22 12:25

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-2
SDG: Downgradient D

Client Sample ID: EB-03

Date Collected: 09/13/22 09:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225845-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:14
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585419	FLC	EET SL	10/11/22 13:03
Total/NA	Analysis	Ra226_Ra228		1	585785	CAH	EET SL	10/13/22 12:25

Laboratory References:

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

QC Association Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-2
SDG: Downgradient D

Rad

Prep Batch: 582481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	PrecSep-21	
400-225845-2	MW-201	Total/NA	Water	PrecSep-21	
400-225845-3	MW-206	Total/NA	Water	PrecSep-21	
400-225845-4	FB-03	Total/NA	Water	PrecSep-21	
400-225845-5	EB-03	Total/NA	Water	PrecSep-21	
MB 160-582481/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-582481/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-582481/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 582491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225845-1	MW-200	Total/NA	Water	PrecSep_0	
400-225845-2	MW-201	Total/NA	Water	PrecSep_0	
400-225845-3	MW-206	Total/NA	Water	PrecSep_0	
400-225845-4	FB-03	Total/NA	Water	PrecSep_0	
400-225845-5	EB-03	Total/NA	Water	PrecSep_0	
MB 160-582491/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-582491/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-582491/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-582481/1-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582481

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.04803	U	0.139	0.139	1.00	0.318	pCi/L	09/16/22 12:39	10/11/22 20:10	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:10*	*1*

Lab Sample ID: LCS 160-582481/2-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582481

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.48		1.34	1.00	0.299	pCi/L	92	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*94.8*		*40 - 110*

Lab Sample ID: LCSD 160-582481/3-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582481

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	10.48		1.42	1.00	0.462	pCi/L	92	75 - 125	0	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*83.5*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-582491/1-A
Matrix: Water
Analysis Batch: 585420

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582491

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5784		0.321	0.326	1.00	0.453	pCi/L	09/16/22 13:29	10/11/22 13:00	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:00*	*1*
Y Carrier	*89.0*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:00*	*1*

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

Lab Sample ID: LCS 160-582491/2-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582491

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.21	9.587		1.26	1.00	0.475	pCi/L	117	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*94.8*		*40 - 110*
Y Carrier	*86.0*		*40 - 110*

Lab Sample ID: LCSD 160-582491/3-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582491

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.21	9.093		1.26	1.00	0.510	pCi/L	111	75 - 125	0.20	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*83.5*		*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 Hogendorf / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113841-23630.1
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 Downgradient D	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225845 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-200	9-13-22	1121	G	Water	NO		X	X	X	X	X	X	4	
MW-201	9-13-22	0830	G	Water	NO		X	X	X	X	X	X	4	
MW-206	9-13-22	0937	G	Water	NO		X	X	X	X	X	X	4	
FB-03	9-13-22	0922	G	Water	NO		X	X		X	X	X	4	
EB-03	9-13-22	0957	G	Water	NO		X	X		X	X	X	4	

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: ADaPT Files

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-13-22 1705	RDH ENV		9/13/22 1705	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: 4.7°C IR8

Ver: 06/08/2021

10/18/2022

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225845-2
SDG Number: Downgradient D

Login Number: 225845
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	4.7°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	

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225845-2
SDG Number: Downgradient D

Login Number: 225845
List Number: 2
Creator: Booker, Autumn R

List Source: Eurofins St. Louis
List Creation: 09/16/22 10:26 AM

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

Accreditation/Certification Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225845-2
SDG: Downgradient D

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-225844-1
Laboratory Sample Delivery Group: Upgradient E
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:
10/6/2022 10:11:39 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: 400-225844-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225844-1

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 9/13/2022 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3º C.

Metals
Method 6020: The continuing calibration blank (CCB) for analytical batch 400-592944 contained Calcium above the reporting lim (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 following samples were diluted to bring the concentration of target analytes within the calibration range: MW-203 (400-225844-2), MW-204 (400-225844-3) and MW-205 (400-225844-4). Elevated reporting limits (RLs) are provided.

Method 6020: The samples are unable to be ran at a lower dilution due to high concentration of Boron. Therefore, all reportable analytes are able to be reported at a higher dilution: MW-203 (400-225844-2), MW-204 (400-225844-3) and MW-205 (400-225844-4). Elevated reporting limits (RLs) are provided.

General Chemistry
Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-592475 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 Cl- E: The following sample was diluted to bring the concentration of target analytes within the calibration rang MW-204 (400-225844-3). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-203 (400-225844-2), MW-204 (400-225844-3) and MW-205 (400-225844-4). Elevated reporting limits (RLs) are prov

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

Client Sample ID: MW-202 — Lab Sample ID: 400-225844-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.015		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.013	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	5.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00064	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	44		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	12		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-203 — Lab Sample ID: 400-225844-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.016		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.72		0.50	0.012	mg/L	50		6020	Total Recoverable
Calcium	33		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	160		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	11		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	68		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.58				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-204 — Lab Sample ID: 400-225844-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.20	I	1.0	0.14	mg/L	1		300.0	Total/NA
Arsenic	0.0034		0.0013	0.0012	mg/L	5		6020	Total Recoverable
Barium	0.024		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	4.9		1.0	0.024	mg/L	100		6020	Total Recoverable
Calcium	62		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0092		0.0025	0.00056	mg/L	5		6020	Total Recoverable
Lead	0.0016		0.0013	0.00081	mg/L	5		6020	Total Recoverable
Mercury	0.00015	I	0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	690		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	99		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	280		50	14	mg/L	10		SM 4500 SO4 E	Total/NA
Field pH	4.38				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-205 — Lab Sample ID: 400-225844-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.040		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	1.7		0.50	0.012	mg/L	50		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

Client Sample ID: MW-205 (Continued)

Lab Sample ID: 400-225844-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	22		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0014	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	220		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	34		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	89		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.85				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

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: 400-225844-1
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225844-1	MW-202	Water	09/12/22 16:50	09/13/22 17:05
400-225844-2	MW-203	Water	09/13/22 08:57	09/13/22 17:05
400-225844-3	MW-204	Water	09/12/22 14:00	09/13/22 17:05
400-225844-4	MW-205	Water	09/12/22 16:02	09/13/22 17:05

Client Sample ID: MW-202

Date Collected: 09/12/22 16:50
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-1

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			09/16/22 15:29	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		09/15/22 11:48	09/16/22 21:22	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/15/22 11:48	09/16/22 21:22	5
Barium	**0.015**		0.0025	0.00070	mg/L		09/15/22 11:48	09/16/22 21:22	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/15/22 11:48	09/16/22 21:22	5
Boron	**0.013**	**I**	0.050	0.0012	mg/L		09/15/22 11:48	09/16/22 21:22	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/15/22 11:48	09/16/22 21:22	5
Calcium	**5.3**		0.25	0.13	mg/L		09/15/22 11:48	09/16/22 21:22	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/15/22 11:48	09/16/22 21:22	5
Cobalt	**0.00064**	**I**	0.0025	0.00056	mg/L		09/15/22 11:48	09/16/22 21:22	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/15/22 11:48	09/16/22 21:22	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/15/22 11:48	09/16/22 21:22	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/15/22 11:48	09/16/22 21:22	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/15/22 11:48	09/16/22 21:22	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/15/22 11:48	09/16/22 21:22	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		09/28/22 11:31	10/03/22 09:50	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			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**10**		2.0	1.4	mg/L			09/17/22 19:45	1
Sulfate (SM 4500 SO4 E)	**12**		5.0	1.4	mg/L			09/18/22 22:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.89**				SU			09/13/22 16:50	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

Client Sample ID: MW-203

Date Collected: 09/13/22 08:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-2

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			09/16/22 15:52	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		09/17/22 10:31	09/20/22 20:06	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:06	5
Barium	**0.016**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:06	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:06	5
Boron	**0.72**		0.50	0.012	mg/L		09/17/22 10:31	09/22/22 21:33	50
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:06	5
Calcium	**33**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:06	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:06	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:06	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:06	5
Lithium	0.049	U	0.050	0.049	mg/L		09/17/22 10:31	09/23/22 20:15	50
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:06	5
Selenium	0.0082	U	0.013	0.0082	mg/L		09/17/22 10:31	09/27/22 23:35	50
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:06	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		09/28/22 11:31	10/03/22 09:52	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**160**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**11**		2.0	1.4	mg/L			09/17/22 19:45	1
Sulfate (SM 4500 SO4 E)	**68**		25	7.0	mg/L			09/18/22 22:53	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.58**				SU			09/13/22 08:57	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

Client Sample ID: MW-204

Date Collected: 09/12/22 14:00
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-3

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.20**	**I**	1.0	0.14	mg/L			09/16/22 16:15	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		09/17/22 10:31	09/20/22 20:09	5
Arsenic	**0.0034**		0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:09	5
Barium	**0.024**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:09	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:09	5
Boron	**4.9**		1.0	0.024	mg/L		09/17/22 10:31	09/22/22 21:37	100
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:09	5
Calcium	**62**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:09	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:09	5
Cobalt	**0.0092**		0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:09	5
Lead	**0.0016**		0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:09	5
Lithium	0.098	U	0.10	0.098	mg/L		09/17/22 10:31	09/23/22 20:39	100
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:09	5
Selenium	0.016	U	0.025	0.016	mg/L		09/17/22 10:31	09/28/22 00:03	100
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:09	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00015**	**I**	0.00020	0.00015	mg/L		09/28/22 11:31	10/03/22 09:25	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**690**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**99**		10	7.0	mg/L			09/17/22 20:17	5
Sulfate (SM 4500 SO4 E)	**280**		50	14	mg/L			09/18/22 22:49	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.38**				SU			09/12/22 14:00	1

Client Sample ID: MW-205

Date Collected: 09/12/22 16:02
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-4

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			09/16/22 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		09/17/22 10:31	09/20/22 20:12	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 20:12	5
Barium	**0.040**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 20:12	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 20:12	5
Boron	**1.7**		0.50	0.012	mg/L		09/17/22 10:31	09/22/22 21:40	50
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 20:12	5
Calcium	**22**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 20:12	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 20:12	5
Cobalt	**0.0014**	**I**	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 20:12	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 20:12	5
Lithium	0.049	U	0.050	0.049	mg/L		09/17/22 10:31	09/23/22 20:42	50
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 20:12	5
Selenium	0.0082	U	0.013	0.0082	mg/L		09/17/22 10:31	09/28/22 00:06	50
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 20:12	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		09/28/22 11:31	10/03/22 09:28	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**220**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**34**		2.0	1.4	mg/L			09/17/22 19:44	1
Sulfate (SM 4500 SO4 E)	**89**		25	7.0	mg/L			09/18/22 22:50	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.85**				SU			09/12/22 16:02	1

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

Qualifiers

HPLC/IC

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.

Metals

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

General Chemistry

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

Glossary

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

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

Client Sample ID: MW-202

Date Collected: 09/12/22 16:50
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 15:29
Total Recoverable	Prep	3005A			592648	KWN	EET PEN	09/15/22 11:48 - 09/15/22 15:40 [1]
Total Recoverable	Analysis	6020		5	592944	NTH	EET PEN	09/16/22 21:22
Total/NA	Prep	7470A			594225	NET	EET PEN	09/28/22 11:31 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/03/22 09:50
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592920	DN1	EET PEN	09/17/22 19:45
Total/NA	Analysis	SM 4500 SO4 E		1	592948	DN1	EET PEN	09/18/22 22:51
Total/NA	Analysis	Field Sampling		1	594498	S1K	EET PEN	09/13/22 16:50

Client Sample ID: MW-203

Date Collected: 09/13/22 08:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 15:52
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:06
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593654	NTH	EET PEN	09/22/22 21:33
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593804	NTH	EET PEN	09/23/22 20:15
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	594320	NTH	EET PEN	09/27/22 23:35
Total/NA	Prep	7470A			594225	NET	EET PEN	09/28/22 11:31 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/03/22 09:52
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592920	DN1	EET PEN	09/17/22 19:45
Total/NA	Analysis	SM 4500 SO4 E		5	592948	DN1	EET PEN	09/18/22 22:53
Total/NA	Analysis	Field Sampling		1	594498	S1K	EET PEN	09/13/22 08:57

Client Sample ID: MW-204

Date Collected: 09/12/22 14:00
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 16:15
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:09
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593654	NTH	EET PEN	09/22/22 21:37
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593804	NTH	EET PEN	09/23/22 20:39

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

Client Sample ID: MW-204

Date Collected: 09/12/22 14:00
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	594320	NTH	EET PEN	09/28/22 00:03
Total/NA	Prep	7470A			594225	NET	EET PEN	09/28/22 11:31 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/03/22 09:25
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		5	592920	DN1	EET PEN	09/17/22 20:17
Total/NA	Analysis	SM 4500 SO4 E		10	592948	DN1	EET PEN	09/18/22 22:49
Total/NA	Analysis	Field Sampling		1	594498	S1K	EET PEN	09/12/22 14:00

Client Sample ID: MW-205

Date Collected: 09/12/22 16:02
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 16:38
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:12
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593654	NTH	EET PEN	09/22/22 21:40
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593804	NTH	EET PEN	09/23/22 20:42
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	594320	NTH	EET PEN	09/28/22 00:06
Total/NA	Prep	7470A			594225	NET	EET PEN	09/28/22 11:31 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/03/22 09:28
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592920	DN1	EET PEN	09/17/22 19:44
Total/NA	Analysis	SM 4500 SO4 E		5	592948	DN1	EET PEN	09/18/22 22:50
Total/NA	Analysis	Field Sampling		1	594498	S1K	EET PEN	09/12/22 16:02

[1] Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Laboratory References:

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

HPLC/IC

Analysis Batch: 592785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	300.0	
400-225844-2	MW-203	Total/NA	Water	300.0	
400-225844-3	MW-204	Total/NA	Water	300.0	
400-225844-4	MW-205	Total/NA	Water	300.0	
MB 400-592785/5	Method Blank	Total/NA	Water	300.0	
LCS 400-592785/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-592785/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225893-I-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-225893-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 592648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	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	

Prep Batch: 592886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-2	MW-203	Total Recoverable	Water	3005A	
400-225844-3	MW-204	Total Recoverable	Water	3005A	
400-225844-4	MW-205	Total Recoverable	Water	3005A	
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-225846-D-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-225846-D-1-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
400-225844-1	MW-202	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: 593338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-2	MW-203	Total Recoverable	Water	6020	592886
400-225844-3	MW-204	Total Recoverable	Water	6020	592886
400-225844-4	MW-205	Total Recoverable	Water	6020	592886
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886
400-225846-D-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	592886
400-225846-D-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	592886

Analysis Batch: 593462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886

Metals (Continued)

Analysis Batch: 593462 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886

Analysis Batch: 593654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-2	MW-203	Total Recoverable	Water	6020	592886
400-225844-3	MW-204	Total Recoverable	Water	6020	592886
400-225844-4	MW-205	Total Recoverable	Water	6020	592886

Analysis Batch: 593804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-2	MW-203	Total Recoverable	Water	6020	592886
400-225844-3	MW-204	Total Recoverable	Water	6020	592886
400-225844-4	MW-205	Total Recoverable	Water	6020	592886
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886

Prep Batch: 594225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	7470A	
400-225844-2	MW-203	Total/NA	Water	7470A	
400-225844-3	MW-204	Total/NA	Water	7470A	
400-225844-4	MW-205	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-D-2-C MS	Matrix Spike	Total/NA	Water	7470A	
400-225722-D-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 594320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-2	MW-203	Total Recoverable	Water	6020	592886
400-225844-3	MW-204	Total Recoverable	Water	6020	592886
400-225844-4	MW-205	Total Recoverable	Water	6020	592886

Analysis Batch: 594812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	7470A	594225
400-225844-2	MW-203	Total/NA	Water	7470A	594225
400-225844-3	MW-204	Total/NA	Water	7470A	594225
400-225844-4	MW-205	Total/NA	Water	7470A	594225
MB 400-594225/14-A	Method Blank	Total/NA	Water	7470A	594225
LCS 400-594225/15-A	Lab Control Sample	Total/NA	Water	7470A	594225
400-225722-D-2-C MS	Matrix Spike	Total/NA	Water	7470A	594225
400-225722-D-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	594225

General Chemistry

Analysis Batch: 592475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	SM 2540C	
400-225844-2	MW-203	Total/NA	Water	SM 2540C	
400-225844-3	MW-204	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 592475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-4	MW-205	Total/NA	Water	SM 2540C	
MB 400-592475/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-592475/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-225844-4 DU	MW-205	Total/NA	Water	SM 2540C	

Analysis Batch: 592920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	SM 4500 Cl- E	
400-225844-2	MW-203	Total/NA	Water	SM 4500 Cl- E	
400-225844-3	MW-204	Total/NA	Water	SM 4500 Cl- E	
400-225844-4	MW-205	Total/NA	Water	SM 4500 Cl- E	
MB 400-592920/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592920/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-592920/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-225791-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-225791-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 592948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	SM 4500 SO4 E	
400-225844-2	MW-203	Total/NA	Water	SM 4500 SO4 E	
400-225844-3	MW-204	Total/NA	Water	SM 4500 SO4 E	
400-225844-4	MW-205	Total/NA	Water	SM 4500 SO4 E	
MB 400-592948/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-592948/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-592948/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-225844-1 MS	MW-202	Total/NA	Water	SM 4500 SO4 E	
400-225844-1 MSD	MW-202	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 594498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	Field Sampling	
400-225844-2	MW-203	Total/NA	Water	Field Sampling	
400-225844-3	MW-204	Total/NA	Water	Field Sampling	
400-225844-4	MW-205	Total/NA	Water	Field Sampling	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-592785/5
Matrix: Water
Analysis Batch: 592785

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			09/16/22 10:56	1

Lab Sample ID: LCS 400-592785/6
Matrix: Water
Analysis Batch: 592785

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	10.7		mg/L		107	90 - 110		

Lab Sample ID: LCSD 400-592785/7
Matrix: Water
Analysis Batch: 592785

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	0	15

Lab Sample ID: 400-225893-I-1 MS
Matrix: Water
Analysis Batch: 592785

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	4.5		10.0	15.3		mg/L		108	80 - 120		

Lab Sample ID: 400-225893-I-1 MSD
Matrix: Water
Analysis Batch: 592785

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	4.5		10.0	15.9		mg/L		114	80 - 120	4	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

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

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

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
Arsenic	0.0012	U	0.0500	0.0518		mg/L		104	75 - 125
Barium	0.27		0.0500	0.326		mg/L		117	75 - 125
Beryllium	0.00092	U	0.0500	0.0513		mg/L		103	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
Lithium	0.019		0.0500	0.0691		mg/L		101	75 - 125
Molybdenum	0.0013	U	0.0500	0.0522		mg/L		104	75 - 125
Selenium	0.0026	V	0.0500	0.0501		mg/L		95	75 - 125
Thallium	0.00046	U	0.0100	0.0101		mg/L		101	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
Arsenic	0.0012	U	0.0500	0.0511		mg/L		102	75 - 125	1	20
Barium	0.27		0.0500	0.316		mg/L		97	75 - 125	3	20
Beryllium	0.00092	U	0.0500	0.0493		mg/L		99	75 - 125	4	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
Lithium	0.019		0.0500	0.0671		mg/L		97	75 - 125	3	20

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

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
Molybdenum	0.0013	U	0.0500	0.0510		mg/L		102	75 - 125	2	20
Selenium	0.0026	V	0.0500	0.0511		mg/L		97	75 - 125	2	20
Thallium	0.00046	U	0.0100	0.00974		mg/L		97	75 - 125	3	20

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/20/22 18:42	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 18:42	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 18:42	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 18:42	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 18:42	5
Calcium	0.132	I	0.25	0.13	mg/L		09/17/22 10:31	09/20/22 18:42	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 18:42	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 18:42	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 18:42	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 18:42	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 18:42	5

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/21/22 15:58	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/21/22 15:58	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/21/22 15:58	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/21/22 15:58	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/21/22 15:58	5

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/23/22 19:47	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/23/22 19:47	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/23/22 19:47	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/23/22 19:47	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/23/22 19:47	5
Calcium	0.13	U	0.25	0.13	mg/L		09/17/22 10:31	09/23/22 19:47	5
Chromium	0.00292		0.0025	0.0010	mg/L		09/17/22 10:31	09/23/22 19:47	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/23/22 19:47	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/23/22 19:47	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 19:47	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/23/22 19:47	5
Selenium	0.0144		0.0013	0.00082	mg/L		09/17/22 10:31	09/23/22 19:47	5

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

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/23/22 19:47	5

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0532		mg/L		106	80 - 120
Arsenic	0.0500	0.0506		mg/L		101	80 - 120
Barium	0.0500	0.0518		mg/L		104	80 - 120
Beryllium	0.0500	0.0494		mg/L		99	80 - 120
Cadmium	0.0500	0.0527		mg/L		105	80 - 120
Calcium	5.00	5.38		mg/L		108	80 - 120
Chromium	0.0500	0.0522		mg/L		104	80 - 120
Cobalt	0.0500	0.0504		mg/L		101	80 - 120
Lead	0.0500	0.0504		mg/L		101	80 - 120
Molybdenum	0.0500	0.0537		mg/L		107	80 - 120
Thallium	0.0100	0.00998		mg/L		100	80 - 120

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0565		mg/L		113	80 - 120
Barium	0.0500	0.0552		mg/L		110	80 - 120
Beryllium	0.0500	0.0541		mg/L		108	80 - 120
Lead	0.0500	0.0548		mg/L		110	80 - 120

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0516		mg/L		103	80 - 120
Arsenic	0.0500	0.0506		mg/L		101	80 - 120
Barium	0.0500	0.0518		mg/L		104	80 - 120
Beryllium	0.0500	0.0497		mg/L		99	80 - 120
Cadmium	0.0500	0.0514		mg/L		103	80 - 120
Calcium	5.00	5.16		mg/L		103	80 - 120
Chromium	0.0500	0.0553		mg/L		111	80 - 120
Cobalt	0.0500	0.0518		mg/L		104	80 - 120
Lead	0.0500	0.0502		mg/L		100	80 - 120
Lithium	0.0500	0.0474		mg/L		95	80 - 120
Molybdenum	0.0500	0.0518		mg/L		104	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

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

Lab Sample ID: 400-225846-D-1-B MS ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0530		mg/L		106	75 - 125
Arsenic	0.0012	U	0.0500	0.0503		mg/L		101	75 - 125
Barium	0.029		0.0500	0.0810		mg/L		104	75 - 125
Beryllium	0.00092	U	0.0500	0.0490		mg/L		98	75 - 125
Cadmium	0.00065	U	0.0500	0.0521		mg/L		104	75 - 125
Calcium	4.9		5.00	10.2		mg/L		105	75 - 125
Chromium	0.0010	U	0.0500	0.0527		mg/L		105	75 - 125
Cobalt	0.00056	U	0.0500	0.0499		mg/L		100	75 - 125
Lead	0.00081	U	0.0500	0.0499		mg/L		100	75 - 125
Molybdenum	0.0013	U	0.0500	0.0493		mg/L		99	75 - 125
Thallium	0.00046	U	0.0100	0.0100		mg/L		100	75 - 125

Lab Sample ID: 400-225846-D-1-C MSD ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 592886

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	2	20
Arsenic	0.0012	U	0.0500	0.0501		mg/L		100	75 - 125	0	20
Barium	0.029		0.0500	0.0811		mg/L		104	75 - 125	0	20
Beryllium	0.00092	U	0.0500	0.0492		mg/L		98	75 - 125	0	20
Cadmium	0.00065	U	0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	4.9		5.00	10.1		mg/L		103	75 - 125	1	20
Chromium	0.0010	U	0.0500	0.0541		mg/L		108	75 - 125	3	20
Cobalt	0.00056	U	0.0500	0.0508		mg/L		102	75 - 125	2	20
Lead	0.00081	U	0.0500	0.0503		mg/L		101	75 - 125	1	20
Molybdenum	0.0013	U	0.0500	0.0515		mg/L		103	75 - 125	4	20
Thallium	0.00046	U	0.0100	0.0102		mg/L		102	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

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

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

Lab Sample ID: 400-225722-D-2-C MS
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike
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-D-2-D MSD
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike Duplicate
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 400-592475/1
Matrix: Water
Analysis Batch: 592475

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			09/14/22 11:43	1

Lab Sample ID: LCS 400-592475/2
Matrix: Water
Analysis Batch: 592475

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

Lab Sample ID: 400-225844-4 DU
Matrix: Water
Analysis Batch: 592475

Client Sample ID: MW-205
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		236	J3	mg/L		6	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-592920/13
Matrix: Water
Analysis Batch: 592920

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			09/17/22 19:40	1

Lab Sample ID: LCS 400-592920/14
Matrix: Water
Analysis Batch: 592920

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	49.2		mg/L		98	90 - 110

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

Lab Sample ID: MRL 400-592920/15
Matrix: Water
Analysis Batch: 592920

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	1.68	I	mg/L		84	50 - 150		

Lab Sample ID: 400-225791-A-1 MS
Matrix: Water
Analysis Batch: 592920

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	7.1		10.0	16.4		mg/L		93	73 - 120		

Lab Sample ID: 400-225791-A-1 MSD
Matrix: Water
Analysis Batch: 592920

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	7.1		10.0	16.5		mg/L		94	73 - 120	1	8

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-592948/12
Matrix: Water
Analysis Batch: 592948

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/22 22:42	1

Lab Sample ID: LCS 400-592948/13
Matrix: Water
Analysis Batch: 592948

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		100	90 - 110		

Lab Sample ID: MRL 400-592948/14
Matrix: Water
Analysis Batch: 592948

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	4.31	I	mg/L		86	50 - 150		

Lab Sample ID: 400-225844-1 MS
Matrix: Water
Analysis Batch: 592948

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	12		10.0	23.2		mg/L		117	77 - 128		

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

Lab Sample ID: 400-225844-1 MSD
Matrix: Water
Analysis Batch: 592948

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	12		10.0	23.1		mg/L		116	77 - 128	0	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: Kyle Hagendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113842-34082.1
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 Upgradient E	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:

400-225844 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E, SM4500_SO4_E	FieldSampling - Field Sampling Parameters	6020, 7470A	2540C - Total Dissolved Solids	4500_F_C - Fluoride							Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	D	N	N								
MW-202	9-12-22	1650	G	Water	NO		X	X	X	X	X	X							4	
MW-203	9-13-22	0857	G	Water	NO		X	X	X	X	X	X							4	
MW-204	9-12-22	1400	G	Water	NO		X	X	X	X	X	X							4	
MW-205	9-12-22	1602	G	Water	NO		X	X	X	X	X	X							4	
				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: ADaPT Files

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		9-13-22 1705	RDH ENV.		9/13/22 1705	EES
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.3°C IR8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225844-1
SDG Number: Upgradient E

Login Number: 225844
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	2.3°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").	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: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-1
SDG: Upgradient E

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	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-225844-2
Laboratory Sample Delivery Group: Upgradient E
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 5:10:14 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: 400-225844-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225844-2

Receipt
The samples were received on 9/13/2022 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C

Gas Flow Proportional Counter
Method 9315_Ra226: Radium-226 batch 582475. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-202 (400-225844-1), MW-203 (400-225844-2), MW-204 (400-225844-3), MW-205 (400-225844-4), (LCS 160-582475/2-A), (LCSD 160-582475/3-A) and (MB 160-582475/1-A)

Method 9320_Ra228: Radium-228 batch 582479. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. MW-202 (400-225844-1), MW-203 (400-225844-2), MW-204 (400-225844-3), MW-205 (400-225844-4), (LCS 160-582479/2-A), (LCSD 160-582479/3-A) and (MB 160-582479/1-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-2
SDG: Upgradient E

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

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

Sample Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-2
SDG: Upgradient E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225844-1	MW-202	Water	09/12/22 16:50	09/13/22 17:05
400-225844-2	MW-203	Water	09/13/22 08:57	09/13/22 17:05
400-225844-3	MW-204	Water	09/12/22 14:00	09/13/22 17:05
400-225844-4	MW-205	Water	09/12/22 16:02	09/13/22 17:05

Client Sample ID: MW-202

Date Collected: 09/12/22 16:50
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-1

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	**0.382**		0.176	0.180	1.00	0.201	pCi/L	09/16/22 11:47	10/12/22 06:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*40 - 110*	*09/16/22 11:47*	*10/12/22 06:58*	*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	0.238	U	0.346	0.346	1.00	0.584	pCi/L	09/16/22 12:28	10/10/22 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*
Y Carrier	*91.6*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*

Method: TAL-STL 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	**0.620**		0.388	0.390	5.00	0.584	pCi/L		10/13/22 12:40	1

Client Sample ID: MW-203

Date Collected: 09/13/22 08:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-2

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	1.00		0.250	0.266	1.00	0.178	pCi/L	09/16/22 11:47	10/12/22 06:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*40 - 110*	*09/16/22 11:47*	*10/12/22 06:58*	*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	1.75		0.500	0.526	1.00	0.541	pCi/L	09/16/22 12:28	10/10/22 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*
Y Carrier	*90.8*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*

Method: TAL-STL 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	2.75		0.559	0.589	5.00	0.541	pCi/L		10/13/22 12:40	1

Client Sample ID: MW-204

Date Collected: 09/12/22 14:00
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-3

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	1.51		0.310	0.338	1.00	0.220	pCi/L	09/16/22 11:47	10/12/22 06:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*40 - 110*	*09/16/22 11:47*	*10/12/22 06:58*	*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	8.17		0.922	1.19	1.00	0.507	pCi/L	09/16/22 12:28	10/10/22 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*
Y Carrier	*92.3*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	9.68		0.973	1.24	5.00	0.507	pCi/L		10/13/22 12:40	1

Client Sample ID: MW-205

Date Collected: 09/12/22 16:02
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-4

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	0.852		0.247	0.259	1.00	0.234	pCi/L	09/16/22 11:47	10/12/22 06:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*40 - 110*	*09/16/22 11:47*	*10/12/22 06:58*	*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	1.05		0.427	0.438	1.00	0.544	pCi/L	09/16/22 12:28	10/10/22 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*
Y Carrier	*91.2*		*40 - 110*	*09/16/22 12:28*	*10/10/22 17:42*	*1*

Method: TAL-STL 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	1.90		0.493	0.509	5.00	0.544	pCi/L		10/13/22 12:40	1

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-2
SDG: Upgradient E

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-2
SDG: Upgradient E

Client Sample ID: MW-202
Date Collected: 09/12/22 16:50
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582475	TJ	EET SL	09/16/22 11:47
Total/NA	Analysis	9315		1	585589	FLC	EET SL	10/12/22 06:58
Total/NA	Prep	PrecSep_0			582479	TJ	EET SL	09/16/22 12:28
Total/NA	Analysis	9320		1	585217	SCB	EET SL	10/10/22 17:42
Total/NA	Analysis	Ra226_Ra228		1	585786	CAH	EET SL	10/13/22 12:40

Client Sample ID: MW-203
Date Collected: 09/13/22 08:57
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582475	TJ	EET SL	09/16/22 11:47
Total/NA	Analysis	9315		1	585589	FLC	EET SL	10/12/22 06:58
Total/NA	Prep	PrecSep_0			582479	TJ	EET SL	09/16/22 12:28
Total/NA	Analysis	9320		1	585217	SCB	EET SL	10/10/22 17:42
Total/NA	Analysis	Ra226_Ra228		1	585786	CAH	EET SL	10/13/22 12:40

Client Sample ID: MW-204
Date Collected: 09/12/22 14:00
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582475	TJ	EET SL	09/16/22 11:47
Total/NA	Analysis	9315		1	585589	FLC	EET SL	10/12/22 06:58
Total/NA	Prep	PrecSep_0			582479	TJ	EET SL	09/16/22 12:28
Total/NA	Analysis	9320		1	585217	SCB	EET SL	10/10/22 17:42
Total/NA	Analysis	Ra226_Ra228		1	585786	CAH	EET SL	10/13/22 12:40

Client Sample ID: MW-205
Date Collected: 09/12/22 16:02
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225844-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582475	TJ	EET SL	09/16/22 11:47
Total/NA	Analysis	9315		1	585589	FLC	EET SL	10/12/22 06:58
Total/NA	Prep	PrecSep_0			582479	TJ	EET SL	09/16/22 12:28
Total/NA	Analysis	9320		1	585217	SCB	EET SL	10/10/22 17:42
Total/NA	Analysis	Ra226_Ra228		1	585786	CAH	EET SL	10/13/22 12:40

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

QC Association Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-2
SDG: Upgradient E

Rad

Prep Batch: 582475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	PrecSep-21	
400-225844-2	MW-203	Total/NA	Water	PrecSep-21	
400-225844-3	MW-204	Total/NA	Water	PrecSep-21	
400-225844-4	MW-205	Total/NA	Water	PrecSep-21	
MB 160-582475/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-582475/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-582475/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 582479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225844-1	MW-202	Total/NA	Water	PrecSep_0	
400-225844-2	MW-203	Total/NA	Water	PrecSep_0	
400-225844-3	MW-204	Total/NA	Water	PrecSep_0	
400-225844-4	MW-205	Total/NA	Water	PrecSep_0	
MB 160-582479/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-582479/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-582479/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-582475/1-A
Matrix: Water
Analysis Batch: 585550

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582475

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02629	U	0.0862	0.0863	1.00	0.169	pCi/L	09/16/22 11:47	10/12/22 06:53	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.9*		*40 - 110*	*09/16/22 11:47*	*10/12/22 06:53*	*1*

Lab Sample ID: LCS 160-582475/2-A
Matrix: Water
Analysis Batch: 585550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582475

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.14		1.18	1.00	0.166	pCi/L	89	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*97.5*		*40 - 110*

Lab Sample ID: LCSD 160-582475/3-A
Matrix: Water
Analysis Batch: 585550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582475

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	9.449		1.13	1.00	0.258	pCi/L	83	75 - 125	0.30	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*93.4*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-582479/1-A
Matrix: Water
Analysis Batch: 585373

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582479

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5451		0.320	0.324	1.00	0.460	pCi/L	09/16/22 12:28	10/10/22 15:12	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.9*		*40 - 110*	*09/16/22 12:28*	*10/10/22 15:12*	*1*
Y Carrier	*88.2*		*40 - 110*	*09/16/22 12:28*	*10/10/22 15:12*	*1*

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

Lab Sample ID: LCS 160-582479/2-A
Matrix: Water
Analysis Batch: 585373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582479

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.21	8.146		1.11	1.00	0.442	pCi/L	99	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*97.5*		*40 - 110*
Y Carrier	*87.5*		*40 - 110*

Lab Sample ID: LCSD 160-582479/3-A
Matrix: Water
Analysis Batch: 585373

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582479

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.21	10.20		1.31	1.00	0.457	pCi/L	124	75 - 125	0.85	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*93.4*		*40 - 110*
Y Carrier	*90.1*		*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: Kyle Hagendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113842-34082.1
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 Upgradient E	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225844 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-202	9-12-22	1650	G	Water	NO		X	X	X	X	X	X							4	
MW-203	9-13-22	0857	G	Water	NO		X	X	X	X	X	X							4	
MW-204	9-12-22	1400	G	Water	NO		X	X	X	X	X	X							4	
MW-205	9-12-22	1602	G	Water	NO		X	X	X	X	X	X							4	
				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: ADaPT Files

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		9-13-22 1705	RDH ENV.		9/13/22 1705	EES
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3°C IR8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225844-2
SDG Number: Upgradient E

Login Number: 225844
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	2.3°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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225844-2
SDG Number: Upgradient E

Login Number: 225844
List Number: 2
Creator: Booker, Autumn R

List Source: Eurofins St. Louis
List Creation: 09/16/22 10:26 AM

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

Accreditation/Certification Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225844-2
SDG: Upgradient E

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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.

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-225846-1
Laboratory Sample Delivery Group: GSA Delineation Sampling
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 4:41:52 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: 400-225846-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225846-1

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 9/13/2022 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.0º C, 2.7º C and 2.7º C.

Receipt Exceptions
The COC states that we were supposed to receive 2 container for sample 1-4, however we received 2 containers for samples 5-7 also: PZ-200S (400-225846-5), GSA-2S (400-225846-6) and DUP-06 (400-225846-7).

HPLC/IC
Method 300.0: The continuing calibration verification (CCV) associated with batch 400-593284 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. The associated samples are impacted: (CCV 400-593284/44) and (CCV 400-593284/57).

Method 300.0: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 400-593284 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Metals
Method 6020: The ICV for batch 400-593338 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 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 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-225846-5), GSA-2S (400-225846-6) and DUP-06 (400-225846-7). Elevated reporting limits (RLs) are provided.

Method 6020: The samples are unable to be ran at a lower dilution due to high concentration of Boron. Therefore, all reportable analytes are able to be reported at a higher dilution: PZ-200S (400-225846-5), GSA-2S (400-225846-6) and DUP-06 (400-225846-7). Elevated reporting limits (RLs) are provided.

Method 6020: The CRI associated with batch 400-594320 recovered above the upper control limit for Selenium. 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 400-594320/39).

General Chemistry
Method SM 4500 Cl- E: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-225846-5) and DUP-06 (400-225846-7). Elevated reporting limits (RLs) are provided.

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-200S (400-225846-5), GSA-2S (400-225846-6) and DUP-06 (400-225846-7). 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

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200D — Lab Sample ID: 400-225846-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.029		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.043	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	4.9		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	92		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	12		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.50				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-201D — Lab Sample ID: 400-225846-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.054		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.033	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	6.1		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.0053		0.0050	0.0049	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	44		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	2.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	6.6		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.66				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-203D — Lab Sample ID: 400-225846-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.011		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.030	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	1.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.0053		0.0050	0.0049	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	38		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	9.8		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.11				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-05 — Lab Sample ID: 400-225846-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	0.044	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	3.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Lithium	0.0064		0.0050	0.0049	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	82		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	2.8		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: DUP-05 (Continued) — Lab Sample ID: 400-225846-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	7.2		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.66				SU	1		Field Sampling	Total/NA

Client Sample ID: PZ-200S — Lab Sample ID: 400-225846-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.050		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	7.5		1.0	0.024	mg/L	100		6020	Total Recoverable
Calcium	140		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0011	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Mercury	0.00032		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	950		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	260		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	130		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.02				SU	1		Field Sampling	Total/NA

Client Sample ID: GSA-2S — Lab Sample ID: 400-225846-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.034		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	2.2		0.50	0.012	mg/L	50		6020	Total Recoverable
Calcium	56		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0012	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	350		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	93		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	55		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	4.51				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-06 — Lab Sample ID: 400-225846-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.050		0.0025	0.00070	mg/L	5		6020	Total Recoverable
Boron	7.8		1.0	0.024	mg/L	100		6020	Total Recoverable
Calcium	140		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0011	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Mercury	0.00032		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	860		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	260		10	7.0	mg/L	5		SM 4500 Cl- E	Total/NA
Sulfate	140		25	7.0	mg/L	5		SM 4500 SO4 E	Total/NA
Field pH	5.02				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: MW2032/GE-1D

Lab Sample ID: 400-225846-8

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	0.048	I	0.050	0.0012	mg/L	5		6020	Total Recoverable
Calcium	3.8		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0020	I	0.0025	0.00056	mg/L	5		6020	Total Recoverable
Mercury	0.00027		0.00020	0.00015	mg/L	1		7470A	Total/NA
Total Dissolved Solids	120		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	19		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	2.7	I	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	4.69				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

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: 400-225846-1
SDG: GSA Delineation Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225846-1	PZ-200D	Water	09/13/22 15:32	09/13/22 17:05
400-225846-2	PZ-201D	Water	09/13/22 16:10	09/13/22 17:05
400-225846-3	PZ-203D	Water	09/13/22 11:39	09/13/22 17:05
400-225846-4	DUP-05	Water	09/13/22 15:10	09/13/22 17:05
400-225846-5	PZ-200S	Water	09/14/22 16:05	09/15/22 11:50
400-225846-6	GSA-2S	Water	09/14/22 14:20	09/15/22 11:50
400-225846-7	DUP-06	Water	09/14/22 15:06	09/15/22 11:50
400-225846-8	MW2032/GE-1D	Water	09/16/22 11:29	09/16/22 16:40

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200D

Date Collected: 09/13/22 15:32
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-1

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			09/16/22 20:03	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		09/17/22 10:31	09/20/22 18:49	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 18:49	5
Barium	**0.029**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 18:49	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 18:49	5
Boron	**0.043**	**I**	0.050	0.0012	mg/L		09/17/22 10:31	09/22/22 20:50	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 18:49	5
Calcium	**4.9**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 18:49	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 18:49	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 18:49	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 18:49	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 19:53	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 18:49	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/17/22 10:31	09/27/22 23:13	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 18:49	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		09/28/22 11:32	10/02/22 14:39	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**92**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**3.0**		2.0	1.4	mg/L			09/18/22 20:09	1
Sulfate (SM 4500 SO4 E)	**12**		5.0	1.4	mg/L			09/18/22 22:56	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.50**				SU			09/13/22 15:32	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-201D

Date Collected: 09/13/22 16:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-2

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			09/16/22 20:26	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		09/17/22 10:31	09/20/22 19:26	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 19:26	5
Barium	**0.054**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 19:26	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 19:26	5
Boron	**0.033**	**I**	0.050	0.0012	mg/L		09/17/22 10:31	09/22/22 20:53	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 19:26	5
Calcium	**6.1**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 19:26	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 19:26	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 19:26	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 19:26	5
Lithium	**0.0053**		0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 19:56	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 19:26	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/17/22 10:31	09/27/22 23:16	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 19:26	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		09/28/22 11:32	10/02/22 14:41	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			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**2.7**		2.0	1.4	mg/L			09/18/22 20:09	1
Sulfate (SM 4500 SO4 E)	**6.6**		5.0	1.4	mg/L			09/18/22 22:56	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.66**				SU			09/13/22 16:10	1

Client Sample Results

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-203D

Date Collected: 09/13/22 11:39
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-3

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			09/16/22 20:49	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		09/17/22 10:31	09/20/22 19:29	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 19:29	5
Barium	**0.011**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 19:29	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 19:29	5
Boron	**0.030**	**I**	0.050	0.0012	mg/L		09/17/22 10:31	09/22/22 20:56	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 19:29	5
Calcium	**1.5**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 19:29	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 19:29	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 19:29	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 19:29	5
Lithium	**0.0053**		0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 19:59	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 19:29	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/17/22 10:31	09/27/22 23:19	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 19:29	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		09/28/22 11:32	10/02/22 14:44	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			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**3.1**		2.0	1.4	mg/L			09/18/22 20:11	1
Sulfate (SM 4500 SO4 E)	**9.8**		5.0	1.4	mg/L			09/18/22 22:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.11**				SU			09/13/22 11:39	1

Client Sample ID: DUP-05

Date Collected: 09/13/22 15:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-4

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			09/16/22 21:11	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		09/17/22 10:31	09/20/22 19:32	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 19:32	5
Barium	**0.030**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 19:32	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 19:32	5
Boron	**0.044**	**I**	0.050	0.0012	mg/L		09/17/22 10:31	09/20/22 19:32	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 19:32	5
Calcium	**3.5**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 19:32	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 19:32	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 19:32	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 19:32	5
Lithium	**0.0064**		0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 20:02	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 19:32	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/17/22 10:31	09/27/22 23:22	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 19:32	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		09/28/22 11:32	10/02/22 14:46	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**82**		5.0	5.0	mg/L			09/14/22 11:43	1
Chloride (SM 4500 Cl- E)	**2.8**		2.0	1.4	mg/L			09/18/22 20:37	1
Sulfate (SM 4500 SO4 E)	**7.2**		5.0	1.4	mg/L			09/19/22 00:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.66**				SU			09/13/22 15:10	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S

Date Collected: 09/14/22 16:05
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-5

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U J3	1.0	0.14	mg/L			09/19/22 19:47	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		09/17/22 10:31	09/20/22 19:35	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 19:35	5
Barium	**0.050**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 19:35	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 19:35	5
Boron	**7.5**		1.0	0.024	mg/L		09/17/22 10:31	09/22/22 21:03	100
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 19:35	5
Calcium	**140**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 19:35	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 19:35	5
Cobalt	**0.0011**	**I**	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 19:35	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 19:35	5
Lithium	0.098	U	0.10	0.098	mg/L		09/17/22 10:31	09/23/22 20:05	100
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 19:35	5
Selenium	0.016	U	0.025	0.016	mg/L		09/17/22 10:31	09/27/22 23:25	100
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 19:35	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00032**		0.00020	0.00015	mg/L		09/28/22 11:32	10/02/22 14:48	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**950**		5.0	5.0	mg/L			09/16/22 14:31	1
Chloride (SM 4500 Cl- E)	**260**		10	7.0	mg/L			09/18/22 20:15	5
Sulfate (SM 4500 SO4 E)	**130**		25	7.0	mg/L			09/19/22 01:14	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.02**				SU			09/14/22 16:05	1

Client Sample ID: GSA-2S

Date Collected: 09/14/22 14:20
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-6

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U J3	1.0	0.14	mg/L			09/19/22 20:08	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		09/17/22 10:31	09/20/22 19:38	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 19:38	5
Barium	**0.034**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 19:38	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 19:38	5
Boron	**2.2**		0.50	0.012	mg/L		09/17/22 10:31	09/22/22 21:06	50
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 19:38	5
Calcium	**56**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 19:38	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 19:38	5
Cobalt	**0.0012**	**I**	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 19:38	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 19:38	5
Lithium	0.049	U	0.050	0.049	mg/L		09/17/22 10:31	09/23/22 20:08	50
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 19:38	5
Selenium	0.0082	U	0.013	0.0082	mg/L		09/17/22 10:31	09/27/22 23:29	50
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 19:38	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		09/28/22 11:32	10/02/22 14:50	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**350**		5.0	5.0	mg/L			09/16/22 14:31	1
Chloride (SM 4500 Cl- E)	**93**		2.0	1.4	mg/L			09/18/22 20:15	1
Sulfate (SM 4500 SO4 E)	**55**		25	7.0	mg/L			09/19/22 01:15	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.51**				SU			09/14/22 14:20	1

Client Sample ID: DUP-06

Date Collected: 09/14/22 15:06
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-7

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U J3	1.0	0.14	mg/L			09/19/22 20:29	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		09/17/22 10:31	09/20/22 19:41	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 19:41	5
Barium	**0.050**		0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 19:41	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 19:41	5
Boron	**7.8**		1.0	0.024	mg/L		09/17/22 10:31	09/22/22 21:09	100
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 19:41	5
Calcium	**140**		0.25	0.13	mg/L		09/17/22 10:31	09/20/22 19:41	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 19:41	5
Cobalt	**0.0011**	**I**	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 19:41	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 19:41	5
Lithium	0.098	U	0.10	0.098	mg/L		09/17/22 10:31	09/23/22 20:12	100
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 19:41	5
Selenium	0.016	U	0.025	0.016	mg/L		09/17/22 10:31	09/27/22 23:32	100
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 19:41	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00032**		0.00020	0.00015	mg/L		09/28/22 11:32	10/02/22 14:52	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**860**		5.0	5.0	mg/L			09/16/22 14:31	1
Chloride (SM 4500 Cl- E)	**260**		10	7.0	mg/L			09/18/22 20:15	5
Sulfate (SM 4500 SO4 E)	**140**		25	7.0	mg/L			09/19/22 01:15	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.02**				SU			09/14/22 15:06	1

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: MW2032/GE-1D

Date Collected: 09/16/22 11:29
Date Received: 09/16/22 16:40

Lab Sample ID: 400-225846-8

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.14	U J3	1.0	0.14	mg/L			09/21/22 08:29	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		09/20/22 11:33	09/20/22 20:58	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/20/22 11:33	09/20/22 20:58	5
Barium	**0.024**		0.0025	0.00070	mg/L		09/20/22 11:33	09/20/22 20:58	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/20/22 11:33	09/20/22 20:58	5
Boron	**0.048**	**I**	0.050	0.0012	mg/L		09/20/22 11:33	09/21/22 20:19	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/20/22 11:33	09/20/22 20:58	5
Calcium	**3.8**		0.25	0.13	mg/L		09/20/22 11:33	09/20/22 20:58	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/22 11:33	09/20/22 20:58	5
Cobalt	**0.0020**	**I**	0.0025	0.00056	mg/L		09/20/22 11:33	09/20/22 20:58	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/20/22 11:33	09/20/22 20:58	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/20/22 11:33	09/23/22 22:37	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/20/22 11:33	09/20/22 20:58	5
Selenium	0.00082	U	0.0013	0.00082	mg/L		09/20/22 11:33	09/27/22 21:34	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/20/22 11:33	09/20/22 20:58	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00027**		0.00020	0.00015	mg/L		10/05/22 08:49	10/12/22 15:23	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**120**		5.0	5.0	mg/L			09/19/22 14:46	1
Chloride (SM 4500 Cl- E)	**19**		2.0	1.4	mg/L			09/18/22 20:08	1
Sulfate (SM 4500 SO4 E)	**2.7**	**I**	5.0	1.4	mg/L			09/19/22 00:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.69**				SU			09/16/22 11:29	1

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
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.

Metals

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

General Chemistry

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

Glossary

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

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200D
Date Collected: 09/13/22 15:32
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 20:03
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 18:49
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 20:50
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 19:53
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	594320	NTH	EET PEN	09/27/22 23:13
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:39
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592946	DN1	EET PEN	09/18/22 20:09
Total/NA	Analysis	SM 4500 SO4 E		1	592948	DN1	EET PEN	09/18/22 22:56
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/13/22 15:32

Client Sample ID: PZ-201D
Date Collected: 09/13/22 16:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 20:26
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 19:26
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 20:53
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 19:56
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	594320	NTH	EET PEN	09/27/22 23:16
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:41
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592946	DN1	EET PEN	09/18/22 20:09
Total/NA	Analysis	SM 4500 SO4 E		1	592948	DN1	EET PEN	09/18/22 22:56
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/13/22 16:10

Client Sample ID: PZ-203D
Date Collected: 09/13/22 11:39
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 20:49

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

Client Sample ID: PZ-203D
Date Collected: 09/13/22 11:39
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 19:29
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593654	NTH	EET PEN	09/22/22 20:56
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 19:59
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	594320	NTH	EET PEN	09/27/22 23:19
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:44
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592946	DN1	EET PEN	09/18/22 20:11
Total/NA	Analysis	SM 4500 SO4 E		1	592948	DN1	EET PEN	09/18/22 22:57
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/13/22 11:39

Client Sample ID: DUP-05
Date Collected: 09/13/22 15:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	592785	JAS	EET PEN	09/16/22 21:11
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 19:32
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 20:02
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	594320	NTH	EET PEN	09/27/22 23:22
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:46
Total/NA	Analysis	SM 2540C		1	592475	VB	EET PEN	09/14/22 11:43
Total/NA	Analysis	SM 4500 Cl- E		1	592946	DN1	EET PEN	09/18/22 20:37
Total/NA	Analysis	SM 4500 SO4 E		1	593075	DN1	EET PEN	09/19/22 00:57
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/13/22 15:10

Client Sample ID: PZ-200S
Date Collected: 09/14/22 16:05
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	593050	JAS	EET PEN	09/19/22 19:47
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 19:35
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593654	NTH	EET PEN	09/22/22 21:03

Client Sample ID: PZ-200S

Date Collected: 09/14/22 16:05
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593804	NTH	EET PEN	09/23/22 20:05
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	594320	NTH	EET PEN	09/27/22 23:25
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:48
Total/NA	Analysis	SM 2540C		1	592835	VB	EET PEN	09/16/22 14:31
Total/NA	Analysis	SM 4500 Cl- E		5	592946	DN1	EET PEN	09/18/22 20:15
Total/NA	Analysis	SM 4500 SO4 E		5	593075	DN1	EET PEN	09/19/22 01:14
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/14/22 16:05

Client Sample ID: GSA-2S

Date Collected: 09/14/22 14:20
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	593050	JAS	EET PEN	09/19/22 20:08
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 19:38
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593654	NTH	EET PEN	09/22/22 21:06
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	593804	NTH	EET PEN	09/23/22 20:08
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		50	594320	NTH	EET PEN	09/27/22 23:29
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:50
Total/NA	Analysis	SM 2540C		1	592835	VB	EET PEN	09/16/22 14:31
Total/NA	Analysis	SM 4500 Cl- E		1	592946	DN1	EET PEN	09/18/22 20:15
Total/NA	Analysis	SM 4500 SO4 E		5	593075	DN1	EET PEN	09/19/22 01:15
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/14/22 14:20

Client Sample ID: DUP-06

Date Collected: 09/14/22 15:06
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	593050	JAS	EET PEN	09/19/22 20:29
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 19:41
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593654	NTH	EET PEN	09/22/22 21:09
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	593804	NTH	EET PEN	09/23/22 20:12

Client Sample ID: DUP-06

Lab Sample ID: 400-225846-7

Date Collected: 09/14/22 15:06

Matrix: Water

Date Received: 09/15/22 11:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			592886	JL	EET PEN	09/17/22 10:31 - 09/17/22 14:03 [1]
Total Recoverable	Analysis	6020		100	594320	NTH	EET PEN	09/27/22 23:32
Total/NA	Prep	7470A			594226	NET	EET PEN	09/28/22 11:32 - 09/28/22 15:31 [1]
Total/NA	Analysis	7470A		1	594812	NET	EET PEN	10/02/22 14:52
Total/NA	Analysis	SM 2540C		1	592835	VB	EET PEN	09/16/22 14:31
Total/NA	Analysis	SM 4500 Cl- E		5	592946	DN1	EET PEN	09/18/22 20:15
Total/NA	Analysis	SM 4500 SO4 E		5	593075	DN1	EET PEN	09/19/22 01:15
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/14/22 15:06

Client Sample ID: MW2032/GE-1D

Lab Sample ID: 400-225846-8

Date Collected: 09/16/22 11:29

Matrix: Water

Date Received: 09/16/22 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	593284	JAS	EET PEN	09/21/22 08:29
Total Recoverable	Prep	3005A			593194	KWN	EET PEN	09/20/22 11:33 - 09/20/22 13:56 [1]
Total Recoverable	Analysis	6020		5	593338	NTH	EET PEN	09/20/22 20:58
Total Recoverable	Prep	3005A			593194	KWN	EET PEN	09/20/22 11:33 - 09/20/22 13:56 [1]
Total Recoverable	Analysis	6020		5	593462	NTH	EET PEN	09/21/22 20:19
Total Recoverable	Prep	3005A			593194	KWN	EET PEN	09/20/22 11:33 - 09/20/22 13:56 [1]
Total Recoverable	Analysis	6020		5	593804	NTH	EET PEN	09/23/22 22:37
Total Recoverable	Prep	3005A			593194	KWN	EET PEN	09/20/22 11:33 - 09/20/22 13:56 [1]
Total Recoverable	Analysis	6020		5	594320	NTH	EET PEN	09/27/22 21:34
Total/NA	Prep	7470A			595041	NET	EET PEN	10/05/22 08:49 - 10/05/22 17:19 [1]
Total/NA	Analysis	7470A		1	596111	NET	EET PEN	10/12/22 15:23
Total/NA	Analysis	SM 2540C		1	593088	VB	EET PEN	09/19/22 14:46
Total/NA	Analysis	SM 4500 Cl- E		1	592946	DN1	EET PEN	09/18/22 20:08
Total/NA	Analysis	SM 4500 SO4 E		1	593075	DN1	EET PEN	09/19/22 00:59
Total/NA	Analysis	Field Sampling		1	596278	S1K	EET PEN	09/16/22 11:29

[1] Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Laboratory References:

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

HPLC/IC

Analysis Batch: 592785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	300.0	
400-225846-2	PZ-201D	Total/NA	Water	300.0	
400-225846-3	PZ-203D	Total/NA	Water	300.0	
400-225846-4	DUP-05	Total/NA	Water	300.0	
MB 400-592785/5	Method Blank	Total/NA	Water	300.0	
LCS 400-592785/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-592785/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225893-I-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-225893-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Filtration Batch: 592971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225705-A-3-A MS	Matrix Spike	Dissolved	Water	FILTRATION	
400-225705-A-3-A MSD	Matrix Spike Duplicate	Dissolved	Water	FILTRATION	

Analysis Batch: 593050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-5	PZ-200S	Total/NA	Water	300.0	
400-225846-6	GSA-2S	Total/NA	Water	300.0	
400-225846-7	DUP-06	Total/NA	Water	300.0	
MB 400-593050/5	Method Blank	Total/NA	Water	300.0	
LCS 400-593050/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-593050/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225705-A-3-A MS	Matrix Spike	Dissolved	Water	300.0	592971
400-225705-A-3-A MSD	Matrix Spike Duplicate	Dissolved	Water	300.0	592971

Analysis Batch: 593284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total/NA	Water	300.0	
MB 400-593284/46	Method Blank	Total/NA	Water	300.0	
LCS 400-593284/47	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-593284/48	Lab Control Sample Dup	Total/NA	Water	300.0	
400-225895-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 592886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total Recoverable	Water	3005A	
400-225846-2	PZ-201D	Total Recoverable	Water	3005A	
400-225846-3	PZ-203D	Total Recoverable	Water	3005A	
400-225846-4	DUP-05	Total Recoverable	Water	3005A	
400-225846-5	PZ-200S	Total Recoverable	Water	3005A	
400-225846-6	GSA-2S	Total Recoverable	Water	3005A	
400-225846-7	DUP-06	Total Recoverable	Water	3005A	
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-225846-1 MS	PZ-200D	Total Recoverable	Water	3005A	
400-225846-1 MSD	PZ-200D	Total Recoverable	Water	3005A	

Metals

Prep Batch: 593194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total Recoverable	Water	3005A	
MB 400-593194/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-593194/2-A ^5	Lab Control Sample	Total Recoverable	Water	3005A	
400-225846-8 MS	MW2032/GE-1D	Total Recoverable	Water	3005A	
400-225846-8 MSD	MW2032/GE-1D	Total Recoverable	Water	3005A	

Analysis Batch: 593338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total Recoverable	Water	6020	592886
400-225846-2	PZ-201D	Total Recoverable	Water	6020	592886
400-225846-3	PZ-203D	Total Recoverable	Water	6020	592886
400-225846-4	DUP-05	Total Recoverable	Water	6020	592886
400-225846-5	PZ-200S	Total Recoverable	Water	6020	592886
400-225846-6	GSA-2S	Total Recoverable	Water	6020	592886
400-225846-7	DUP-06	Total Recoverable	Water	6020	592886
400-225846-8	MW2032/GE-1D	Total Recoverable	Water	6020	593194
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
MB 400-593194/1-A ^5	Method Blank	Total Recoverable	Water	6020	593194
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886
LCS 400-593194/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	593194
400-225846-1 MS	PZ-200D	Total Recoverable	Water	6020	592886
400-225846-1 MSD	PZ-200D	Total Recoverable	Water	6020	592886
400-225846-8 MS	MW2032/GE-1D	Total Recoverable	Water	6020	593194
400-225846-8 MSD	MW2032/GE-1D	Total Recoverable	Water	6020	593194

Analysis Batch: 593462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total Recoverable	Water	6020	593194
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
MB 400-593194/1-A ^5	Method Blank	Total Recoverable	Water	6020	593194
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886
LCS 400-593194/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	593194

Analysis Batch: 593654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total Recoverable	Water	6020	592886
400-225846-2	PZ-201D	Total Recoverable	Water	6020	592886
400-225846-3	PZ-203D	Total Recoverable	Water	6020	592886
400-225846-5	PZ-200S	Total Recoverable	Water	6020	592886
400-225846-6	GSA-2S	Total Recoverable	Water	6020	592886
400-225846-7	DUP-06	Total Recoverable	Water	6020	592886

Analysis Batch: 593804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total Recoverable	Water	6020	592886
400-225846-2	PZ-201D	Total Recoverable	Water	6020	592886
400-225846-3	PZ-203D	Total Recoverable	Water	6020	592886
400-225846-4	DUP-05	Total Recoverable	Water	6020	592886
400-225846-5	PZ-200S	Total Recoverable	Water	6020	592886
400-225846-6	GSA-2S	Total Recoverable	Water	6020	592886
400-225846-7	DUP-06	Total Recoverable	Water	6020	592886

Metals (Continued)

Analysis Batch: 593804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total Recoverable	Water	6020	593194
MB 400-592886/1-A ^5	Method Blank	Total Recoverable	Water	6020	592886
MB 400-593194/1-A ^5	Method Blank	Total Recoverable	Water	6020	593194
LCS 400-592886/2-A ^5	Lab Control Sample	Total Recoverable	Water	6020	592886

Prep Batch: 594226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	7470A	
400-225846-2	PZ-201D	Total/NA	Water	7470A	
400-225846-3	PZ-203D	Total/NA	Water	7470A	
400-225846-4	DUP-05	Total/NA	Water	7470A	
400-225846-5	PZ-200S	Total/NA	Water	7470A	
400-225846-6	GSA-2S	Total/NA	Water	7470A	
400-225846-7	DUP-06	Total/NA	Water	7470A	
MB 400-594226/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-594226/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-225845-D-4-C MS	Matrix Spike	Total/NA	Water	7470A	
400-225845-D-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 594320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total Recoverable	Water	6020	592886
400-225846-2	PZ-201D	Total Recoverable	Water	6020	592886
400-225846-3	PZ-203D	Total Recoverable	Water	6020	592886
400-225846-4	DUP-05	Total Recoverable	Water	6020	592886
400-225846-5	PZ-200S	Total Recoverable	Water	6020	592886
400-225846-6	GSA-2S	Total Recoverable	Water	6020	592886
400-225846-7	DUP-06	Total Recoverable	Water	6020	592886
400-225846-8	MW2032/GE-1D	Total Recoverable	Water	6020	593194

Analysis Batch: 594812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	7470A	594226
400-225846-2	PZ-201D	Total/NA	Water	7470A	594226
400-225846-3	PZ-203D	Total/NA	Water	7470A	594226
400-225846-4	DUP-05	Total/NA	Water	7470A	594226
400-225846-5	PZ-200S	Total/NA	Water	7470A	594226
400-225846-6	GSA-2S	Total/NA	Water	7470A	594226
400-225846-7	DUP-06	Total/NA	Water	7470A	594226
MB 400-594226/14-A	Method Blank	Total/NA	Water	7470A	594226
LCS 400-594226/15-A	Lab Control Sample	Total/NA	Water	7470A	594226
400-225845-D-4-C MS	Matrix Spike	Total/NA	Water	7470A	594226
400-225845-D-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	594226

Prep Batch: 595041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total/NA	Water	7470A	
MB 400-595041/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-595041/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-226583-E-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-226583-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Metals

Analysis Batch: 596111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total/NA	Water	7470A	595041
MB 400-595041/14-A	Method Blank	Total/NA	Water	7470A	595041
LCS 400-595041/15-A	Lab Control Sample	Total/NA	Water	7470A	595041
400-226583-E-1-C MS	Matrix Spike	Total/NA	Water	7470A	595041
400-226583-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	595041

General Chemistry

Analysis Batch: 592475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	SM 2540C	
400-225846-2	PZ-201D	Total/NA	Water	SM 2540C	
400-225846-3	PZ-203D	Total/NA	Water	SM 2540C	
400-225846-4	DUP-05	Total/NA	Water	SM 2540C	
MB 400-592475/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-592475/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-225845-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 592835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-5	PZ-200S	Total/NA	Water	SM 2540C	
400-225846-6	GSA-2S	Total/NA	Water	SM 2540C	
400-225846-7	DUP-06	Total/NA	Water	SM 2540C	
MB 400-592835/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-592835/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-225859-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 592946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	SM 4500 Cl- E	
400-225846-2	PZ-201D	Total/NA	Water	SM 4500 Cl- E	
400-225846-3	PZ-203D	Total/NA	Water	SM 4500 Cl- E	
400-225846-4	DUP-05	Total/NA	Water	SM 4500 Cl- E	
400-225846-5	PZ-200S	Total/NA	Water	SM 4500 Cl- E	
400-225846-6	GSA-2S	Total/NA	Water	SM 4500 Cl- E	
400-225846-7	DUP-06	Total/NA	Water	SM 4500 Cl- E	
400-225846-8	MW2032/GE-1D	Total/NA	Water	SM 4500 Cl- E	
MB 400-592946/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 400-592946/41	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592946/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592946/42	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 400-592946/53	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-592946/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-225846-2 MS	PZ-201D	Total/NA	Water	SM 4500 Cl- E	
400-225846-2 MSD	PZ-201D	Total/NA	Water	SM 4500 Cl- E	
400-225846-4 MS	DUP-05	Total/NA	Water	SM 4500 Cl- E	
400-225846-4 MSD	DUP-05	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 592948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 592948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-2	PZ-201D	Total/NA	Water	SM 4500 SO4 E	
400-225846-3	PZ-203D	Total/NA	Water	SM 4500 SO4 E	
MB 400-592948/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-592948/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-592948/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-225844-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-225844-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 593075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-4	DUP-05	Total/NA	Water	SM 4500 SO4 E	
400-225846-5	PZ-200S	Total/NA	Water	SM 4500 SO4 E	
400-225846-6	GSA-2S	Total/NA	Water	SM 4500 SO4 E	
400-225846-7	DUP-06	Total/NA	Water	SM 4500 SO4 E	
400-225846-8	MW2032/GE-1D	Total/NA	Water	SM 4500 SO4 E	
MB 400-593075/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-593075/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-593075/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 593088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total/NA	Water	SM 2540C	
MB 400-593088/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-593088/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-226017-G-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Field Service / Mobile Lab

Analysis Batch: 596278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	Field Sampling	
400-225846-2	PZ-201D	Total/NA	Water	Field Sampling	
400-225846-3	PZ-203D	Total/NA	Water	Field Sampling	
400-225846-4	DUP-05	Total/NA	Water	Field Sampling	
400-225846-5	PZ-200S	Total/NA	Water	Field Sampling	
400-225846-6	GSA-2S	Total/NA	Water	Field Sampling	
400-225846-7	DUP-06	Total/NA	Water	Field Sampling	
400-225846-8	MW2032/GE-1D	Total/NA	Water	Field Sampling	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-592785/5
Matrix: Water
Analysis Batch: 592785

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			09/16/22 10:56	1

Lab Sample ID: LCS 400-592785/6
Matrix: Water
Analysis Batch: 592785

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	10.7		mg/L		107	90 - 110

Lab Sample ID: LCSD 400-592785/7
Matrix: Water
Analysis Batch: 592785

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	0	15

Lab Sample ID: 400-225893-I-1 MS
Matrix: Water
Analysis Batch: 592785

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	4.5		10.0	15.3		mg/L		108	80 - 120

Lab Sample ID: 400-225893-I-1 MSD
Matrix: Water
Analysis Batch: 592785

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	4.5		10.0	15.9		mg/L		114	80 - 120	4	20

Lab Sample ID: MB 400-593050/5
Matrix: Water
Analysis Batch: 593050

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			09/19/22 11:06	1

Lab Sample ID: LCS 400-593050/6
Matrix: Water
Analysis Batch: 593050

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 400-593050/7
Matrix: Water
Analysis Batch: 593050

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-593284/46
Matrix: Water
Analysis Batch: 593284

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			09/21/22 02:35	1

Lab Sample ID: LCS 400-593284/47
Matrix: Water
Analysis Batch: 593284

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	11.3	J3	mg/L		113	90 - 110		

Lab Sample ID: LCSD 400-593284/48
Matrix: Water
Analysis Batch: 593284

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	11.4	J3	mg/L		114	90 - 110	1	15

Lab Sample ID: 400-225895-I-1 MSD
Matrix: Water
Analysis Batch: 593284

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	5.1	J3	10.0	15.1		mg/L		99	80 - 120	0	20

Lab Sample ID: 400-225705-A-3-A MS
Matrix: Water
Analysis Batch: 593050

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.14	U J3	10.0	11.6		mg/L		116	80 - 120		

Lab Sample ID: 400-225705-A-3-A MSD
Matrix: Water
Analysis Batch: 593050

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.14	U J3	10.0	11.5		mg/L		115	80 - 120	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/20/22 18:42	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/20/22 18:42	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/20/22 18:42	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/20/22 18:42	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/20/22 18:42	5
Calcium	0.132	I	0.25	0.13	mg/L		09/17/22 10:31	09/20/22 18:42	5

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

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/17/22 10:31	09/20/22 18:42	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/20/22 18:42	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/20/22 18:42	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/20/22 18:42	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/20/22 18:42	5

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/21/22 15:58	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/21/22 15:58	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/21/22 15:58	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/21/22 15:58	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/21/22 15:58	5

Lab Sample ID: MB 400-592886/1-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/17/22 10:31	09/23/22 19:47	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/17/22 10:31	09/23/22 19:47	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/17/22 10:31	09/23/22 19:47	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/17/22 10:31	09/23/22 19:47	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/17/22 10:31	09/23/22 19:47	5
Calcium	0.13	U	0.25	0.13	mg/L		09/17/22 10:31	09/23/22 19:47	5
Chromium	0.00292		0.0025	0.0010	mg/L		09/17/22 10:31	09/23/22 19:47	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/17/22 10:31	09/23/22 19:47	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/17/22 10:31	09/23/22 19:47	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/17/22 10:31	09/23/22 19:47	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/17/22 10:31	09/23/22 19:47	5
Selenium	0.0144		0.0013	0.00082	mg/L		09/17/22 10:31	09/23/22 19:47	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/17/22 10:31	09/23/22 19:47	5

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0532		mg/L		106	80 - 120
Arsenic	0.0500	0.0506		mg/L		101	80 - 120
Barium	0.0500	0.0518		mg/L		104	80 - 120
Beryllium	0.0500	0.0494		mg/L		99	80 - 120
Cadmium	0.0500	0.0527		mg/L		105	80 - 120
Calcium	5.00	5.38		mg/L		108	80 - 120
Chromium	0.0500	0.0522		mg/L		104	80 - 120
Cobalt	0.0500	0.0504		mg/L		101	80 - 120

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

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.0500	0.0504		mg/L		101	80 - 120
Molybdenum	0.0500	0.0537		mg/L		107	80 - 120
Thallium	0.0100	0.00998		mg/L		100	80 - 120

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0565		mg/L		113	80 - 120
Barium	0.0500	0.0552		mg/L		110	80 - 120
Beryllium	0.0500	0.0541		mg/L		108	80 - 120
Lead	0.0500	0.0548		mg/L		110	80 - 120

Lab Sample ID: LCS 400-592886/2-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0516		mg/L		103	80 - 120
Arsenic	0.0500	0.0506		mg/L		101	80 - 120
Barium	0.0500	0.0518		mg/L		104	80 - 120
Beryllium	0.0500	0.0497		mg/L		99	80 - 120
Cadmium	0.0500	0.0514		mg/L		103	80 - 120
Calcium	5.00	5.16		mg/L		103	80 - 120
Chromium	0.0500	0.0553		mg/L		111	80 - 120
Cobalt	0.0500	0.0518		mg/L		104	80 - 120
Lead	0.0500	0.0502		mg/L		100	80 - 120
Lithium	0.0500	0.0474		mg/L		95	80 - 120
Molybdenum	0.0500	0.0518		mg/L		104	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: 400-225846-1 MS
Matrix: Water
Analysis Batch: 593338

Client Sample ID: PZ-200D
Prep Type: Total Recoverable
Prep Batch: 592886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0530		mg/L		106	75 - 125
Arsenic	0.0012	U	0.0500	0.0503		mg/L		101	75 - 125
Barium	0.029		0.0500	0.0810		mg/L		104	75 - 125
Beryllium	0.00092	U	0.0500	0.0490		mg/L		98	75 - 125
Cadmium	0.00065	U	0.0500	0.0521		mg/L		104	75 - 125
Calcium	4.9		5.00	10.2		mg/L		105	75 - 125
Chromium	0.0010	U	0.0500	0.0527		mg/L		105	75 - 125
Cobalt	0.00056	U	0.0500	0.0499		mg/L		100	75 - 125
Lead	0.00081	U	0.0500	0.0499		mg/L		100	75 - 125
Molybdenum	0.0013	U	0.0500	0.0493		mg/L		99	75 - 125
Thallium	0.00046	U	0.0100	0.0100		mg/L		100	75 - 125

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

Lab Sample ID: 400-225846-1 MSD
Matrix: Water
Analysis Batch: 593338

Client Sample ID: PZ-200D
Prep Type: Total Recoverable
Prep Batch: 592886

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	2	20
Arsenic	0.0012	U	0.0500	0.0501		mg/L		100	75 - 125	0	20
Barium	0.029		0.0500	0.0811		mg/L		104	75 - 125	0	20
Beryllium	0.00092	U	0.0500	0.0492		mg/L		98	75 - 125	0	20
Cadmium	0.00065	U	0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	4.9		5.00	10.1		mg/L		103	75 - 125	1	20
Chromium	0.0010	U	0.0500	0.0541		mg/L		108	75 - 125	3	20
Cobalt	0.00056	U	0.0500	0.0508		mg/L		102	75 - 125	2	20
Lead	0.00081	U	0.0500	0.0503		mg/L		101	75 - 125	1	20
Molybdenum	0.0013	U	0.0500	0.0515		mg/L		103	75 - 125	4	20
Thallium	0.00046	U	0.0100	0.0102		mg/L		102	75 - 125	2	20

Lab Sample ID: MB 400-593194/1-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/20/22 11:33	09/20/22 20:30	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/20/22 11:33	09/20/22 20:30	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/22 11:33	09/20/22 20:30	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/20/22 11:33	09/20/22 20:30	5
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/20/22 11:33	09/20/22 20:30	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/22 11:33	09/20/22 20:30	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/22 11:33	09/20/22 20:30	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/22 11:33	09/20/22 20:30	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/20/22 11:33	09/20/22 20:30	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/20/22 11:33	09/20/22 20:30	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/20/22 11:33	09/20/22 20:30	5

Lab Sample ID: MB 400-593194/1-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/20/22 11:33	09/21/22 20:13	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/22 11:33	09/21/22 20:13	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/20/22 11:33	09/21/22 20:13	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/20/22 11:33	09/21/22 20:13	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/20/22 11:33	09/21/22 20:13	5

Lab Sample ID: MB 400-593194/1-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	U	0.0025	0.0015	mg/L		09/20/22 11:33	09/23/22 22:31	5
Arsenic	0.0012	U	0.0013	0.0012	mg/L		09/20/22 11:33	09/23/22 22:31	5
Barium	0.00070	U	0.0025	0.00070	mg/L		09/20/22 11:33	09/23/22 22:31	5
Beryllium	0.00092	U	0.0025	0.00092	mg/L		09/20/22 11:33	09/23/22 22:31	5

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

Lab Sample ID: MB 400-593194/1-A ^5
Matrix: Water
Analysis Batch: 593804

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.00065	U	0.0025	0.00065	mg/L		09/20/22 11:33	09/23/22 22:31	5
Calcium	0.13	U	0.25	0.13	mg/L		09/20/22 11:33	09/23/22 22:31	5
Chromium	0.0010	U	0.0025	0.0010	mg/L		09/20/22 11:33	09/23/22 22:31	5
Cobalt	0.00056	U	0.0025	0.00056	mg/L		09/20/22 11:33	09/23/22 22:31	5
Lead	0.00081	U	0.0013	0.00081	mg/L		09/20/22 11:33	09/23/22 22:31	5
Lithium	0.0049	U	0.0050	0.0049	mg/L		09/20/22 11:33	09/23/22 22:31	5
Molybdenum	0.0013	U	0.015	0.0013	mg/L		09/20/22 11:33	09/23/22 22:31	5
Selenium	0.0168		0.0013	0.00082	mg/L		09/20/22 11:33	09/23/22 22:31	5
Thallium	0.00046	U	0.00050	0.00046	mg/L		09/20/22 11:33	09/23/22 22:31	5

Lab Sample ID: LCS 400-593194/2-A ^5
Matrix: Water
Analysis Batch: 593338

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0547		mg/L		109	80 - 120
Arsenic	0.0500	0.0499		mg/L		100	80 - 120
Barium	0.0500	0.0508		mg/L		102	80 - 120
Beryllium	0.0500	0.0493		mg/L		99	80 - 120
Cadmium	0.0500	0.0533		mg/L		107	80 - 120
Calcium	5.00	5.27		mg/L		105	80 - 120
Chromium	0.0500	0.0530		mg/L		106	80 - 120
Cobalt	0.0500	0.0503		mg/L		101	80 - 120
Lead	0.0500	0.0498		mg/L		100	80 - 120
Molybdenum	0.0500	0.0520		mg/L		104	80 - 120
Thallium	0.0100	0.0100		mg/L		100	80 - 120

Lab Sample ID: LCS 400-593194/2-A ^5
Matrix: Water
Analysis Batch: 593462

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0538		mg/L		108	80 - 120
Barium	0.0500	0.0544		mg/L		109	80 - 120
Beryllium	0.0500	0.0502		mg/L		100	80 - 120
Lead	0.0500	0.0509		mg/L		102	80 - 120
Thallium	0.0100	0.0103		mg/L		103	80 - 120

Lab Sample ID: 400-225846-8 MS
Matrix: Water
Analysis Batch: 593338

Client Sample ID: MW2032/GE-1D
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0015	U	0.0500	0.0536		mg/L		107	75 - 125
Arsenic	0.0012	U	0.0500	0.0510		mg/L		102	75 - 125
Barium	0.024		0.0500	0.0751		mg/L		103	75 - 125
Beryllium	0.00092	U	0.0500	0.0487		mg/L		97	75 - 125
Cadmium	0.00065	U	0.0500	0.0532		mg/L		106	75 - 125
Calcium	3.8		5.00	8.83		mg/L		101	75 - 125

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

Lab Sample ID: 400-225846-8 MS
Matrix: Water
Analysis Batch: 593338

Client Sample ID: MW2032/GE-1D
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.0010	U	0.0500	0.0516		mg/L		103	75 - 125
Cobalt	0.0020	I	0.0500	0.0530		mg/L		102	75 - 125
Lead	0.00081	U	0.0500	0.0503		mg/L		101	75 - 125
Molybdenum	0.0013	U	0.0500	0.0508		mg/L		102	75 - 125
Thallium	0.00046	U	0.0100	0.00998		mg/L		100	75 - 125

Lab Sample ID: 400-225846-8 MSD
Matrix: Water
Analysis Batch: 593338

Client Sample ID: MW2032/GE-1D
Prep Type: Total Recoverable
Prep Batch: 593194

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.0015	U	0.0500	0.0556		mg/L		111	75 - 125	4	20
Arsenic	0.0012	U	0.0500	0.0509		mg/L		102	75 - 125	0	20
Barium	0.024		0.0500	0.0753		mg/L		103	75 - 125	0	20
Beryllium	0.00092	U	0.0500	0.0512		mg/L		102	75 - 125	5	20
Cadmium	0.00065	U	0.0500	0.0536		mg/L		107	75 - 125	1	20
Calcium	3.8		5.00	9.03		mg/L		105	75 - 125	2	20
Chromium	0.0010	U	0.0500	0.0548		mg/L		110	75 - 125	6	20
Cobalt	0.0020	I	0.0500	0.0540		mg/L		104	75 - 125	2	20
Lead	0.00081	U	0.0500	0.0523		mg/L		105	75 - 125	4	20
Molybdenum	0.0013	U	0.0500	0.0530		mg/L		106	75 - 125	4	20
Thallium	0.00046	U	0.0100	0.0103		mg/L		103	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-594226/14-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 594226

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 11:32	10/02/22 14:19	1

Lab Sample ID: LCS 400-594226/15-A
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 594226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.00104		mg/L		103	80 - 120

Lab Sample ID: 400-225845-D-4-C MS
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 594226

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00210		mg/L		104	80 - 120

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

Lab Sample ID: 400-225845-D-4-D MSD
Matrix: Water
Analysis Batch: 594812

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 594226

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	0.00219		mg/L		109	80 - 120	4	20

Lab Sample ID: MB 400-595041/14-A
Matrix: Water
Analysis Batch: 596111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 595041

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		10/05/22 08:49	10/12/22 15:44	1

Lab Sample ID: LCS 400-595041/15-A
Matrix: Water
Analysis Batch: 596111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 595041

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.000862		mg/L		86	80 - 120

Lab Sample ID: 400-226583-E-1-C MS
Matrix: Water
Analysis Batch: 596111

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 595041

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00040		0.00201	0.00234		mg/L		97	80 - 120

Lab Sample ID: 400-226583-E-1-D MSD
Matrix: Water
Analysis Batch: 596111

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 595041

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00040		0.00201	0.00257		mg/L		108	80 - 120	9	20

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

Lab Sample ID: MB 400-592475/1
Matrix: Water
Analysis Batch: 592475

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			09/14/22 11:43	1

Lab Sample ID: LCS 400-592475/2
Matrix: Water
Analysis Batch: 592475

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

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

Lab Sample ID: 400-225845-A-1 DU
Matrix: Water
Analysis Batch: 592475

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	600			640	J3	mg/L				7	5

Lab Sample ID: MB 400-592835/1
Matrix: Water
Analysis Batch: 592835

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			09/16/22 14:31	1

Lab Sample ID: LCS 400-592835/2
Matrix: Water
Analysis Batch: 592835

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	288		mg/L		98	78 - 122		

Lab Sample ID: 400-225859-D-1 DU
Matrix: Water
Analysis Batch: 592835

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	230			194	J3	mg/L				15	5

Lab Sample ID: MB 400-593088/1
Matrix: Water
Analysis Batch: 593088

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			09/19/22 14:46	1

Lab Sample ID: LCS 400-593088/2
Matrix: Water
Analysis Batch: 593088

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	348		mg/L		119	78 - 122		

Lab Sample ID: 400-226017-G-1 DU
Matrix: Water
Analysis Batch: 593088

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	4000			3820		mg/L				4	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-592946/13
Matrix: Water
Analysis Batch: 592946

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			09/18/22 19:57	1

Lab Sample ID: MB 400-592946/41
Matrix: Water
Analysis Batch: 592946

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4	U	2.0	1.4	mg/L			09/18/22 20:12	1

Lab Sample ID: LCS 400-592946/14
Matrix: Water
Analysis Batch: 592946

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	49.1		mg/L		98	90 - 110

Lab Sample ID: LCS 400-592946/42
Matrix: Water
Analysis Batch: 592946

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	47.5		mg/L		95	90 - 110

Lab Sample ID: MRL 400-592946/15
Matrix: Water
Analysis Batch: 592946

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	1.66	I	mg/L		83	50 - 150

Lab Sample ID: 400-225846-2 MS
Matrix: Water
Analysis Batch: 592946

Client Sample ID: PZ-201D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.7		10.0	11.5		mg/L		87	73 - 120

Lab Sample ID: 400-225846-2 MSD
Matrix: Water
Analysis Batch: 592946

Client Sample ID: PZ-201D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.7		10.0	11.9		mg/L		92	73 - 120	4	8

Lab Sample ID: 400-225846-4 MS
Matrix: Water
Analysis Batch: 592946

Client Sample ID: DUP-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.8		10.0	11.6		mg/L		88	73 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: 400-225846-4 MSD
Matrix: Water
Analysis Batch: 592946

Client Sample ID: DUP-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.8		10.0	12.0		mg/L		92	73 - 120	3	8

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-592948/12
Matrix: Water
Analysis Batch: 592948

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.4	U	5.0	1.4	mg/L			09/18/22 22:42	1

Lab Sample ID: LCS 400-592948/13
Matrix: Water
Analysis Batch: 592948

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		100	90 - 110

Lab Sample ID: MRL 400-592948/14
Matrix: Water
Analysis Batch: 592948

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.31	I	mg/L		86	50 - 150

Lab Sample ID: 400-225844-A-1 MS
Matrix: Water
Analysis Batch: 592948

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	12		10.0	23.2		mg/L		117	77 - 128

Lab Sample ID: 400-225844-A-1 MSD
Matrix: Water
Analysis Batch: 592948

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	12		10.0	23.1		mg/L		116	77 - 128	0	5

Lab Sample ID: MB 400-593075/12
Matrix: Water
Analysis Batch: 593075

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			09/19/22 00:46	1

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

Lab Sample ID: LCS 400-593075/13
Matrix: Water
Analysis Batch: 593075

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	14.1		mg/L		94	90 - 110

Lab Sample ID: MRL 400-593075/14
Matrix: Water
Analysis Batch: 593075

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	4.15	I	mg/L		83	50 - 150

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 Hagendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113843-23631.1
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 GSA Delineation Sampling	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225846 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		
~~PZ-200S~~ RDH 9-13-22				Water										
PZ-200D	9-13-22	1532	G	Water	NO		X	X	X	X	X	X	4	
~~GSA-2S~~ RDH 9-13-22				Water										
PZ-201D	9-13-22	1610	G	Water	NO		X	X	X	X	X	X	4	
PZ-203D	9-13-22	1139	G	Water	NO		X	X	X	X	X	X	4	
~~MW2032/GE-1D~~ RDH 9-13-22				Water										
DUP-05	9-13-22	1510	G	Water	NO		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: ADaPT Files

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-13-22 1705	RDH ENV.		9/13/22 1705	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: 2.7°C IR8

Ver: 06/08/2021

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: Bruce Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113843-23631.1
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 GSA Delineation Sampling	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		
PZ-200S	9-14-22	1625	G	Water	NO		X	X	X	X	X	X	4	
~~PZ-200D~~ RDH 9-14-22				Water										
GSA-2S	9-14-22	1420	G	Water	NO		X	X	X	X	X	X	4	
~~PZ-201D~~ RDH 9-14-22				Water										
~~PZ-203D~~ RDH 9-14-22				Water										
~~MW2032/GE-1D~~ RDH 9-14-22				Water										
DUP-05 RDH 9-14-22	9-14-22	1500		Water	NO		X	X	X	X	X	X	4	
				Water										

400-225846 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
	9-15-22 1150	R-DH ENV.		9/15/22 1150	EES
	Date/Time:	Company	Received by:	Date/Time:	Company
	Date/Time:	Company	Received by:	Date/Time:	Company

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Rick Hagendorfer	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113843-23631.1
Client Contact: Barry Evans	Phone: 850 336-0192	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: ROH 9-16-22 Page 1 of 2
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 GSA Delineation Sampling	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225846 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		
PZ-200S				Water										
PZ-200D				Water										
GSA-2S				Water										
PZ-201D				Water										
PZ-203D ROH 9-16-22				Water										
MW2032/GE-1D	9-16-22	1129	G	Water	N		X	X	X	X	X	X	4	
				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: AR ROH 9/16/22 ADaPT Files

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Rick Hagendorfer	9-16-22 1640	ROH ENV.		9/16/22 1640	ECTS
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: 2.7, 3.4°C IR8 4.8° 4.6°C) Disregard AR
2.7°C IR8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225846-1
SDG Number: GSA Delineation Sampling

Login Number: 225846
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	2.7°C IR8, 0.0°C IR9 2.7°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: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-1
SDG: GSA Delineation Sampling

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	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-23
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-225846-2
Laboratory Sample Delivery Group: GSA Delineation Sampling
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:
10/24/2022 9:56:23 AM

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: 400-225846-2

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-225846-2

Receipt
The samples were received on 9/13/2022 5:05 PM, 9/15/2022 11:50 AM and 9/16/2022 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 3 coolers at receipt time were 0.0°C, 2.7°C and 2.7°C

Receipt Exceptions
The COC states that we were supposed to receive 2 container for sample 1-4, however we received 2 containers for samples 5-7also: PZ-200S (400-225846-5), GSA-2S (400-225846-6) and DUP-06 (400-225846-7).

Gas Flow Proportional Counter
Method 9315_Ra226: Radium-226 batch 582623. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.PZ-200S (400-225846-5), GSA-2S (400-225846-6), (LCS 160-582623/2-A), (LCSD 160-582623/3-A) and (MB 160-582623/1-A)

Method 9315_Ra226: Radium-226 batch 582481. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.PZ-200D (400-225846-1), PZ-201D (400-225846-2), PZ-203D (400-225846-3), DUP-05 (400-225846-4), DUP-06 (400-225846-7), (LCS 160-582481/2-A), (LCSD 160-582481/3-A) and (MB 160-582481/1-A)

Method 9315_Ra226: Radium 226 Batch 160-583475. 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. MW2032/GE-1D (400-225846-8), (LCS 160-583475/2-A), (MB 160-583475/1-A), (240-173270-N-2-A), (240-173270-A-2-A MS) and (240-173270-A-2-B MSD)

Method 9320_Ra228: Radium-228 batch 582627. The LCS recovered at (134%). 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 160-582627/3-A)

Method 9320_Ra228: Radium-228 batch 582627. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.PZ-200S (400-225846-5), GSA-2S (400-225846-6), (LCS 160-582627/2-A), (LCSD 160-582627/3-A) and (MB 160-582627/1-A)

Method 9320_Ra228: Radium-228 batch 582491. Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.PZ-200D (400-225846-1), PZ-201D (400-225846-2), PZ-203D (400-225846-3), DUP-05 (400-225846-4), DUP-06 (400-225846-7), (LCS 160-582491/2-A), (LCSD 160-582491/3-A) and (MB 160-582491/1-A)

Method 9320_Ra228: Radium-228 batch 583476. 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.MW2032/GE-1D (400-225846-8), (LCS 160-583476/2-A), (MB 160-583476/1-A), (240-173270-N-2-B), (240-173270-A-2-C MS) and (240-173270-A-2-D MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 400-225846-2 (Continued)

Laboratory: Eurofins Pensacola (Continued)

Method Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-2
SDG: GSA Delineation Sampling

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

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

Sample Summary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-2
SDG: GSA Delineation Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-225846-1	PZ-200D	Water	09/13/22 15:32	09/13/22 17:05
400-225846-2	PZ-201D	Water	09/13/22 16:10	09/13/22 17:05
400-225846-3	PZ-203D	Water	09/13/22 11:39	09/13/22 17:05
400-225846-4	DUP-05	Water	09/13/22 15:10	09/13/22 17:05
400-225846-5	PZ-200S	Water	09/14/22 16:05	09/15/22 11:50
400-225846-6	GSA-2S	Water	09/14/22 14:20	09/15/22 11:50
400-225846-7	DUP-06	Water	09/14/22 15:06	09/15/22 11:50
400-225846-8	MW2032/GE-1D	Water	09/16/22 11:29	09/16/22 16:40

Client Sample ID: PZ-200D

Date Collected: 09/13/22 15:32
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-1

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	0.136	U	0.155	0.156	1.00	0.249	pCi/L	09/16/22 12:39	10/11/22 20:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.6*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:14*	*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	**0.678**		0.325	0.331	1.00	0.440	pCi/L	09/16/22 13:29	10/11/22 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.6*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*
Y Carrier	*89.3*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*

Method: TAL-STL 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	**0.813**		0.360	0.366	5.00	0.440	pCi/L		10/20/22 16:47	1

Client Sample ID: PZ-201D

Date Collected: 09/13/22 16:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-2

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	0.0200	U	0.174	0.174	1.00	0.351	pCi/L	09/16/22 12:39	10/11/22 20:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.7*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:14*	*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	**1.54**		0.470	0.491	1.00	0.523	pCi/L	09/16/22 13:29	10/11/22 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.7*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*
Y Carrier	*90.5*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:03*	*1*

Method: TAL-STL 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	**1.56**		0.501	0.521	5.00	0.523	pCi/L		10/20/22 16:47	1

Client Sample ID: PZ-203D

Date Collected: 09/13/22 11:39
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-3

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	0.0376	U	0.143	0.143	1.00	0.277	pCi/L	09/16/22 12:39	10/11/22 20:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:14*	*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	0.276	U	0.255	0.256	1.00	0.404	pCi/L	09/16/22 13:29	10/11/22 13:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:04*	*1*
Y Carrier	*92.3*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:04*	*1*

Method: TAL-STL 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	0.313	U	0.292	0.293	5.00	0.404	pCi/L		10/20/22 16:47	1

Client Sample ID: DUP-05

Date Collected: 09/13/22 15:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-4

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	0.0851	U	0.157	0.157	1.00	0.280	pCi/L	09/16/22 12:39	10/11/22 20:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:14*	*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	**0.574**		0.291	0.295	1.00	0.395	pCi/L	09/16/22 13:29	10/11/22 13:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:04*	*1*
Y Carrier	*90.8*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:04*	*1*

Method: TAL-STL 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	**0.659**		0.331	0.334	5.00	0.395	pCi/L		10/20/22 16:47	1

Client Sample ID: PZ-200S

Date Collected: 09/14/22 16:05
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-5

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	3.36		0.300	0.426	1.00	0.0922	pCi/L	09/19/22 09:29	10/11/22 09:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*09/19/22 09:29*	*10/11/22 09:38*	*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	5.35		0.692	0.849	1.00	0.478	pCi/L	09/19/22 10:14	09/27/22 13:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*09/19/22 10:14*	*09/27/22 13:06*	*1*
Y Carrier	*88.2*		*40 - 110*	*09/19/22 10:14*	*09/27/22 13:06*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	8.71		0.754	0.950	5.00	0.478	pCi/L		10/20/22 16:47	1

Client Sample ID: GSA-2S

Date Collected: 09/14/22 14:20
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-6

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	2.46		0.334	0.401	1.00	0.189	pCi/L	09/19/22 09:29	10/11/22 09:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.4*		*40 - 110*	*09/19/22 09:29*	*10/11/22 09:38*	*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	4.76		0.859	0.964	1.00	0.742	pCi/L	09/19/22 10:14	09/27/22 13:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.4*		*40 - 110*	*09/19/22 10:14*	*09/27/22 13:07*	*1*
Y Carrier	*87.1*		*40 - 110*	*09/19/22 10:14*	*09/27/22 13:07*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	7.22		0.922	1.04	5.00	0.742	pCi/L		10/20/22 16:47	1

Client Sample ID: DUP-06

Date Collected: 09/14/22 15:06
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-7

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	3.76		0.567	0.660	1.00	0.267	pCi/L	09/16/22 12:42	10/11/22 20:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*40 - 110*	*09/16/22 12:42*	*10/11/22 20:15*	*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	4.21		0.601	0.715	1.00	0.454	pCi/L	09/16/22 13:29	10/11/22 13:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:05*	*1*
Y Carrier	*93.1*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:05*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	7.97		0.826	0.973	5.00	0.454	pCi/L		10/20/22 16:47	1

Client Sample ID: MW2032/GE-1D

Date Collected: 09/16/22 11:29
Date Received: 09/16/22 16:40

Lab Sample ID: 400-225846-8

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	0.404		0.129	0.134	1.00	0.129	pCi/L	09/26/22 10:03	10/20/22 09:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*40 - 110*	*09/26/22 10:03*	*10/20/22 09:19*	*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	1.69		0.429	0.456	1.00	0.461	pCi/L	09/26/22 10:06	10/13/22 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*40 - 110*	*09/26/22 10:06*	*10/13/22 11:55*	*1*
Y Carrier	*89.7*		*40 - 110*	*09/26/22 10:06*	*10/13/22 11:55*	*1*

Method: TAL-STL 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	2.10		0.448	0.475	5.00	0.461	pCi/L		10/20/22 16:47	1

Definitions/Glossary

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-2
SDG: GSA Delineation Sampling

Qualifiers

Rad

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

Glossary

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

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200D
Date Collected: 09/13/22 15:32
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:14
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585419	FLC	EET SL	10/11/22 13:03
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

Client Sample ID: PZ-201D
Date Collected: 09/13/22 16:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:14
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585419	FLC	EET SL	10/11/22 13:03
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

Client Sample ID: PZ-203D
Date Collected: 09/13/22 11:39
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:14
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585417	FLC	EET SL	10/11/22 13:04
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

Client Sample ID: DUP-05
Date Collected: 09/13/22 15:10
Date Received: 09/13/22 17:05

Lab Sample ID: 400-225846-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:39
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:14
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585417	FLC	EET SL	10/11/22 13:04
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

Lab Chronicle

Client: Florida Power and Light
Project/Site: CCR Gulf Clean Energy Center

Job ID: 400-225846-2
SDG: GSA Delineation Sampling

Client Sample ID: PZ-200S
Date Collected: 09/14/22 16:05
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582623	TJ	EET SL	09/19/22 09:29
Total/NA	Analysis	9315		1	585419	FLC	EET SL	10/11/22 09:38
Total/NA	Prep	PrecSep_0			582627	TJ	EET SL	09/19/22 10:14
Total/NA	Analysis	9320		1	583742	FLC	EET SL	09/27/22 13:06
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

Client Sample ID: GSA-2S
Date Collected: 09/14/22 14:20
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582623	TJ	EET SL	09/19/22 09:29
Total/NA	Analysis	9315		1	585419	FLC	EET SL	10/11/22 09:38
Total/NA	Prep	PrecSep_0			582627	TJ	EET SL	09/19/22 10:14
Total/NA	Analysis	9320		1	583744	FLC	EET SL	09/27/22 13:07
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

Client Sample ID: DUP-06
Date Collected: 09/14/22 15:06
Date Received: 09/15/22 11:50

Lab Sample ID: 400-225846-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			582481	TJ	EET SL	09/16/22 12:42
Total/NA	Analysis	9315		1	585417	FLC	EET SL	10/11/22 20:15
Total/NA	Prep	PrecSep_0			582491	TJ	EET SL	09/16/22 13:29
Total/NA	Analysis	9320		1	585417	FLC	EET SL	10/11/22 13:05
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

Client Sample ID: MW2032/GE-1D
Date Collected: 09/16/22 11:29
Date Received: 09/16/22 16:40

Lab Sample ID: 400-225846-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			583475	ASG	EET SL	09/26/22 10:03
Total/NA	Analysis	9315		1	586651	CLP	EET SL	10/20/22 09:19
Total/NA	Prep	PrecSep_0			583476	ASG	EET SL	09/26/22 10:06
Total/NA	Analysis	9320		1	585868	FLC	EET SL	10/13/22 11:55
Total/NA	Analysis	Ra226_Ra228		1	586672	CAH	EET SL	10/20/22 16:47

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

Rad

Prep Batch: 582481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	PrecSep-21	
400-225846-2	PZ-201D	Total/NA	Water	PrecSep-21	
400-225846-3	PZ-203D	Total/NA	Water	PrecSep-21	
400-225846-4	DUP-05	Total/NA	Water	PrecSep-21	
400-225846-7	DUP-06	Total/NA	Water	PrecSep-21	
MB 160-582481/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-582481/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-582481/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 582491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-1	PZ-200D	Total/NA	Water	PrecSep_0	
400-225846-2	PZ-201D	Total/NA	Water	PrecSep_0	
400-225846-3	PZ-203D	Total/NA	Water	PrecSep_0	
400-225846-4	DUP-05	Total/NA	Water	PrecSep_0	
400-225846-7	DUP-06	Total/NA	Water	PrecSep_0	
MB 160-582491/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-582491/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-582491/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 582623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-5	PZ-200S	Total/NA	Water	PrecSep-21	
400-225846-6	GSA-2S	Total/NA	Water	PrecSep-21	
MB 160-582623/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-582623/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-582623/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 582627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-5	PZ-200S	Total/NA	Water	PrecSep_0	
400-225846-6	GSA-2S	Total/NA	Water	PrecSep_0	
MB 160-582627/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-582627/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-582627/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 583475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total/NA	Water	PrecSep-21	
MB 160-583475/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-583475/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
240-173270-A-2-A MS	Matrix Spike	Total/NA	Water	PrecSep-21	
240-173270-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 583476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-225846-8	MW2032/GE-1D	Total/NA	Water	PrecSep_0	
MB 160-583476/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-583476/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
240-173270-A-2-C MS	Matrix Spike	Total/NA	Water	PrecSep_0	
240-173270-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep_0	

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-582481/1-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582481

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.04803	U	0.139	0.139	1.00	0.318	pCi/L	09/16/22 12:39	10/11/22 20:10	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*40 - 110*	*09/16/22 12:39*	*10/11/22 20:10*	*1*

Lab Sample ID: LCS 160-582481/2-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582481

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.48		1.34	1.00	0.299	pCi/L	92	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*94.8*		*40 - 110*

Lab Sample ID: LCSD 160-582481/3-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582481

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	10.48		1.42	1.00	0.462	pCi/L	92	75 - 125	0	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*83.5*		*40 - 110*

Lab Sample ID: MB 160-582623/1-A
Matrix: Water
Analysis Batch: 585417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582623

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01862	U	0.0454	0.0454	1.00	0.0866	pCi/L	09/19/22 09:29	10/11/22 09:27	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*09/19/22 09:29*	*10/11/22 09:27*	*1*

Lab Sample ID: LCS 160-582623/2-A
Matrix: Water
Analysis Batch: 585417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582623

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.53		1.08	1.00	0.0791	pCi/L	93	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-582623/2-A
Matrix: Water
Analysis Batch: 585417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582623

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	95.6		40 - 110

Lab Sample ID: LCSD 160-582623/3-A
Matrix: Water
Analysis Batch: 585417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582623

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			11.3	9.057		0.956	1.00	0.0844	pCi/L	80	75 - 125	0.72	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	87.5		40 - 110

Lab Sample ID: MB 160-583475/1-A
Matrix: Water
Analysis Batch: 586651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 583475

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.05225	U	0.0682	0.0684	1.00	0.114	pCi/L	09/26/22 10:03	10/20/22 07:27	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	98.3		40 - 110	09/26/22 10:03	10/20/22 07:27	1

Lab Sample ID: LCS 160-583475/2-A
Matrix: Water
Analysis Batch: 586651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 583475

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.47		1.09	1.00	0.114	pCi/L	92	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	108		40 - 110

Lab Sample ID: 240-173270-A-2-A MS
Matrix: Water
Analysis Batch: 586651

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 583475

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.279		15.5	13.83		1.45	1.00	0.168	pCi/L	87	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	108		40 - 110

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 240-173270-A-2-B MSD
Matrix: Water
Analysis Batch: 586651

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 583475

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.279		15.6	14.38		1.50	1.00	0.126	pCi/L	90	60 - 140	0.19	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*106*		*40 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-582491/1-A
Matrix: Water
Analysis Batch: 585420

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582491

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5784		0.321	0.326	1.00	0.453	pCi/L	09/16/22 13:29	10/11/22 13:00	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:00*	*1*
Y Carrier	*89.0*		*40 - 110*	*09/16/22 13:29*	*10/11/22 13:00*	*1*

Lab Sample ID: LCS 160-582491/2-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582491

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.21	9.587		1.26	1.00	0.475	pCi/L	117	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*94.8*		*40 - 110*
Y Carrier	*86.0*		*40 - 110*

Lab Sample ID: LCSD 160-582491/3-A
Matrix: Water
Analysis Batch: 585419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582491

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.21	9.093		1.26	1.00	0.510	pCi/L	111	75 - 125	0.20	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*83.5*		*40 - 110*
Y Carrier	*87.5*		*40 - 110*

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

Lab Sample ID: MB 160-582627/1-A
Matrix: Water
Analysis Batch: 583742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582627

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7494		0.351	0.358	1.00	0.472	pCi/L	09/19/22 10:14	09/27/22 13:00	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*40 - 110*	*09/19/22 10:14*	*09/27/22 13:00*	*1*
Y Carrier	*82.2*		*40 - 110*	*09/19/22 10:14*	*09/27/22 13:00*	*1*

Lab Sample ID: LCS 160-582627/2-A
Matrix: Water
Analysis Batch: 583742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582627

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.24	9.994		1.31	1.00	0.450	pCi/L	121	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*95.6*		*40 - 110*
Y Carrier	*81.9*		*40 - 110*

Lab Sample ID: LCSD 160-582627/3-A
Matrix: Water
Analysis Batch: 583742

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 582627

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			8.24	11.01		1.45	1.00	0.537	pCi/L	134	75 - 125	0.37	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.5*		*40 - 110*
Y Carrier	*82.6*		*40 - 110*

Lab Sample ID: MB 160-583476/1-A
Matrix: Water
Analysis Batch: 585765

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 583476

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3008	U	0.288	0.290	1.00	0.462	pCi/L	09/26/22 10:06	10/13/22 11:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.3*		*40 - 110*	*09/26/22 10:06*	*10/13/22 11:52*	*1*
Y Carrier	*85.6*		*40 - 110*	*09/26/22 10:06*	*10/13/22 11:52*	*1*

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

Lab Sample ID: LCS 160-583476/2-A
Matrix: Water
Analysis Batch: 585765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 583476

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.20	7.618		1.02	1.00	0.363	pCi/L	93	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*108*		*40 - 110*
Y Carrier	*86.0*		*40 - 110*

Lab Sample ID: 240-173270-A-2-C MS
Matrix: Water
Analysis Batch: 585765

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 583476

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.845		11.2	11.21		1.48	1.00	0.569	pCi/L	92	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*108*		*40 - 110*
Y Carrier	*86.0*		*40 - 110*

Lab Sample ID: 240-173270-A-2-D MSD
Matrix: Water
Analysis Batch: 585765

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 583476

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	0.845		11.3	10.78		1.46	1.00	0.592	pCi/L	88	60 - 140	0.15	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*106*		*40 - 110*
Y Carrier	*84.1*		*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 Hagendorfer / Trevor Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113843-23631.1
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 GSA Delineation Sampling	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225846 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		
~~PZ-200S~~ RDH 9-13-22				Water										
PZ-200D	9-13-22	1532	G	Water	NO		X	X	X	X	X	X	4	
~~GSA-2S~~ RDH 9-13-22				Water										
PZ-201D	9-13-22	1610	G	Water	NO		X	X	X	X	X	X	4	
PZ-203D	9-13-22	1139	G	Water	NO		X	X	X	X	X	X	4	
~~MW2032/GE-1D~~ RDH 9-13-22				Water										
DUP-05	9-13-22	1510	G	Water	NO		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: ADaPT Files

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-13-22 1705	RDH ENV.		9/13/22 1705	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: 2.7°C IR8

Ver: 06/08/2021

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: Bruce Braddock	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113843-23631.1
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 GSA Delineation Sampling	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		
PZ-200S	9-14-22	1625	G	Water	NO		X	X	X	X	X	X	4	
~~PZ-200D~~ RDH 9-14-22				Water										
GSA-2S	9-14-22	1420	G	Water	NO		X	X	X	X	X	X	4	
~~PZ-201D~~ RDH 9-14-22				Water										
~~PZ-203D~~ RDH 9-14-22				Water										
~~MW2032/GE-1D~~ RDH 9-14-22				Water										
DUP-05 RDH 9-14-22	9-14-22	1506		Water	NO		X	X	X	X	X	X	4	
				Water										

400-225846 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
	9-15-22 1150	R-DH ENV.		9/15/22 1150	EES
	Date/Time:	Company	Received by:	Date/Time:	Company
	Date/Time:	Company	Received by:	Date/Time:	Company

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Rick Hagendorfer	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-113843-23631.1
Client Contact: Barry Evans	Phone: 850 336-0192	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: ROH 9-16-22 Page 1 of 2
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 GSA Delineation Sampling	Project #: 40005424			
Site:	SSOW#:			

Analysis Requested

400-225846 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		
PZ-200S				Water										
PZ-200D				Water										
GSA-2S				Water										
PZ-201D				Water										
PZ-203D ROH 9-16-22				Water										
MW2032/GE-1D	9-16-22	1129	G	Water	N0		X	X	X	X	X	X	4	
				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: AR ROH 9/16/22 ADaPT Files

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Rick Hagendorfer	9-16-22 1640	ROH ENV.		9/16/22 1640	ECTS
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.7, 3.4°C IR8 4.8° 4.6°C) Disregard AR
2.7°C IR8

Ver: 01/16/2019

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10/24/2022

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225846-2
SDG Number: GSA Delineation Sampling

Login Number: 225846
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	2.7°C IR8, 0.0°C IR9 2.7°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	

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225846-2
SDG Number: GSA Delineation Sampling

Login Number: 225846
List Number: 2
Creator: Booker, Autumn R

List Source: Eurofins St. Louis
List Creation: 09/16/22 10:26 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
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	

Login Sample Receipt Checklist

Client: Florida Power and Light

Job Number: 400-225846-2
SDG Number: GSA Delineation Sampling

Login Number: 225846
List Number: 4
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis
List Creation: 09/21/22 11:07 AM

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

Accreditation/Certification Summary

Client: Florida Power and Light
Job ID: 400-225846-2
Project/Site: CCR Gulf Clean Energy Center
SDG: GSA Delineation Sampling

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
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.

APPENDIX B

Statistical Analyses – March 2022
Semi-Annual Monitoring

SPRING 2022

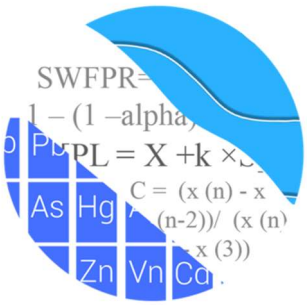
GROUNDWATER STATISTICAL ANALYSIS

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

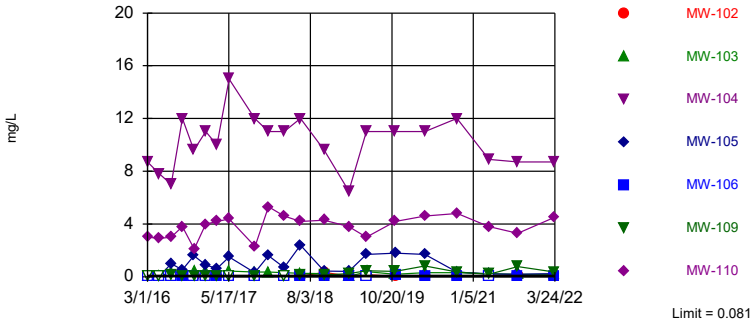
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-102	0.081	n/a	3/23/2022	0.017	No	120	n/a	n/a	80	n/a	n/a	0.0001349	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-103**	**0.081**	**n/a**	**3/24/2022**	**0.2**	**Yes**	**120**	**n/a**	**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

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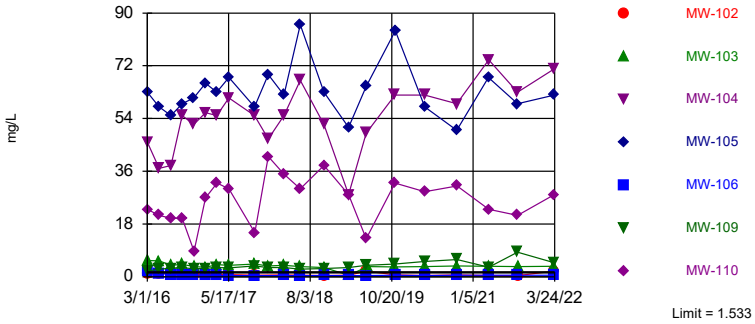
Exceeds Limit: MW-102, MW-103, MW-104, MW-105, MW-109, MW-110

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.

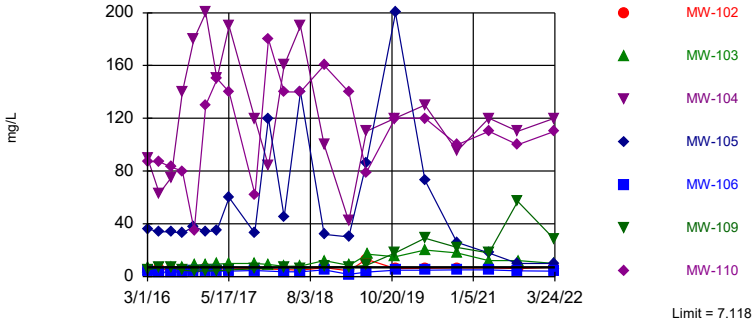
Constituent: Calcium Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

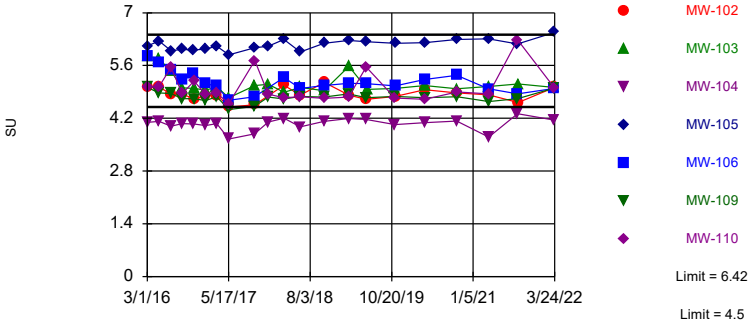
Constituent: Chloride Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

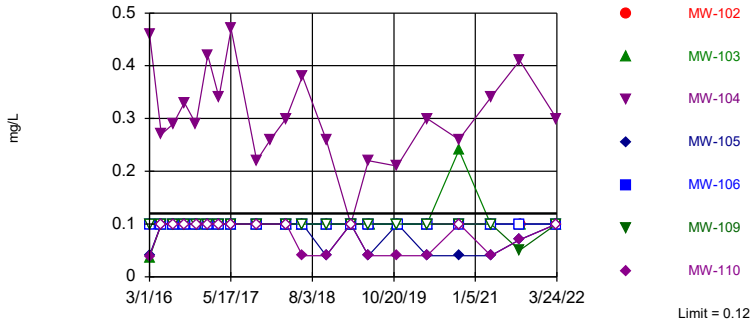
Constituent: Field pH Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

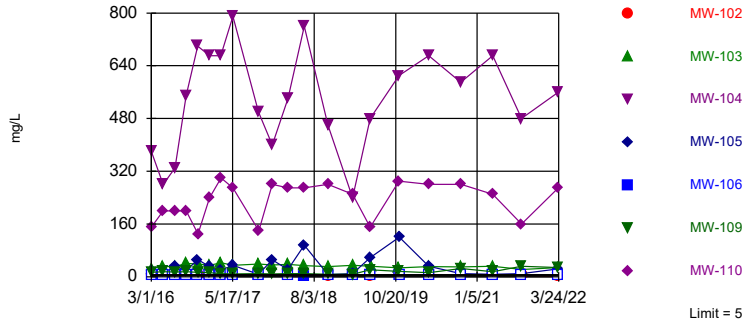
Constituent: Fluoride Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

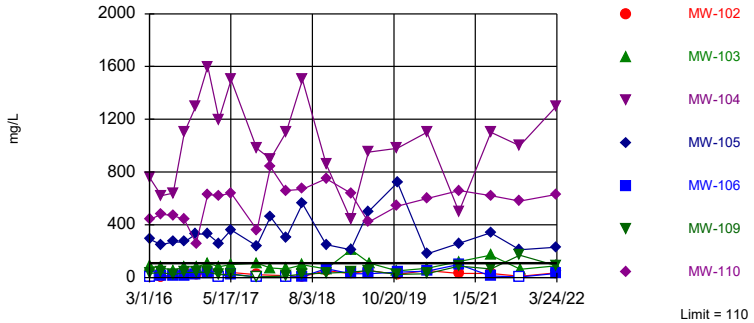
Constituent: Sulfate Analysis Run 1/12/2023 10:12 AM View: 100 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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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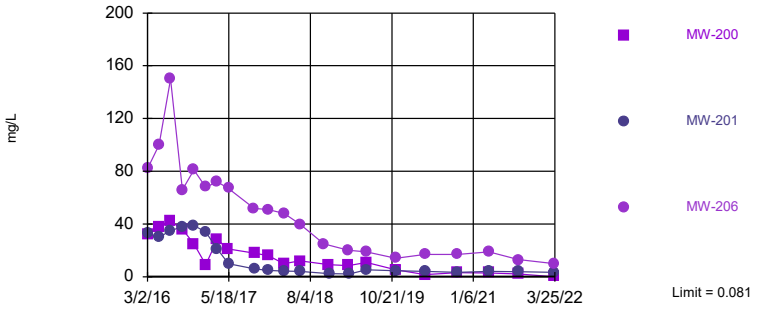
Exceeds Limit: MW-201, MW-206

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

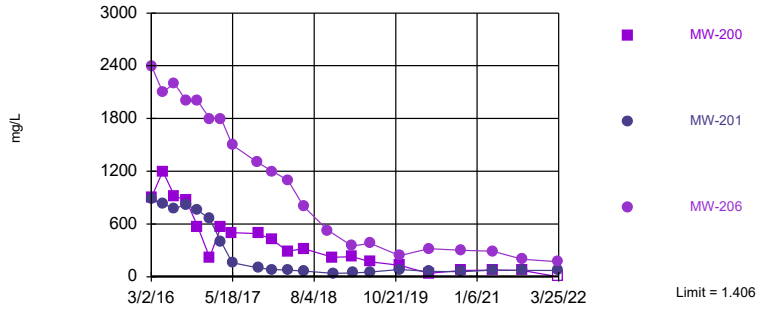
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
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

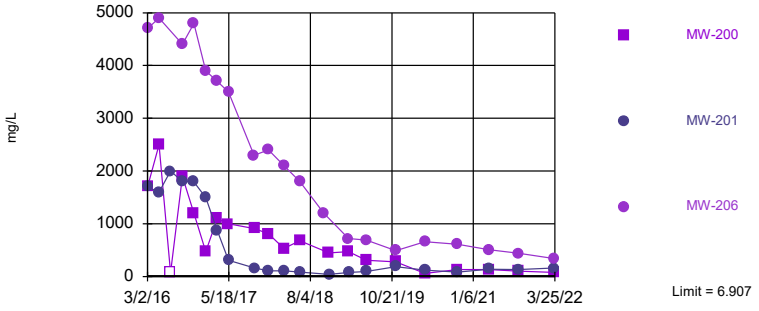
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

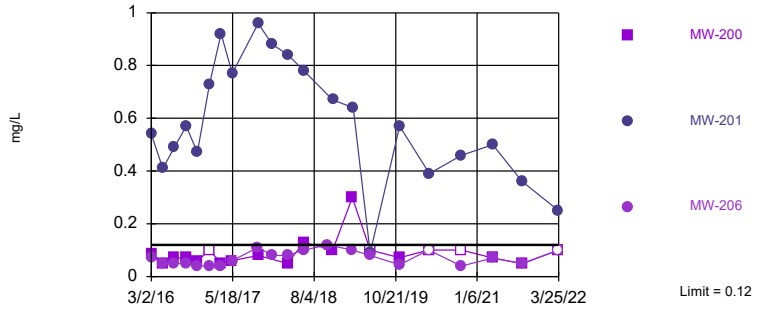
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

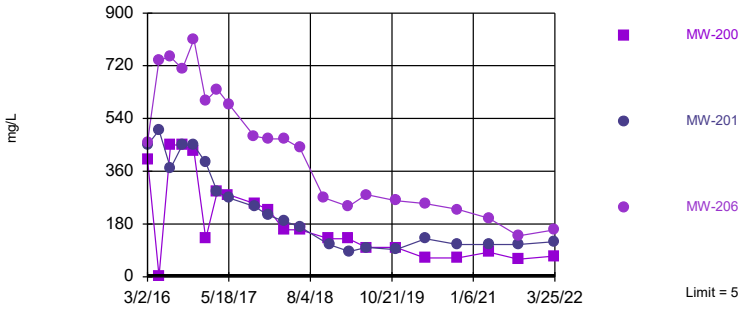
Constituent: Fluoride Analysis Run 1/12/2023 11:54 AM View: 200 Series - Interwell

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

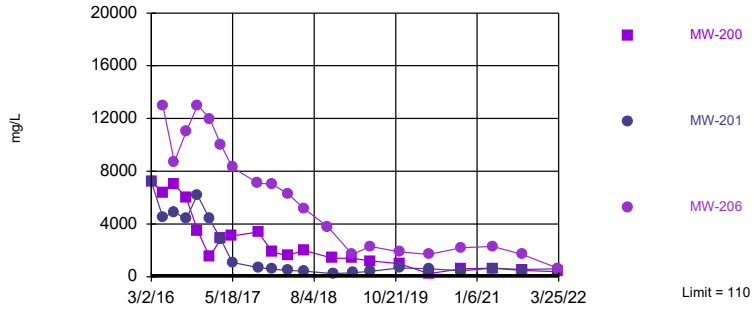
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

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

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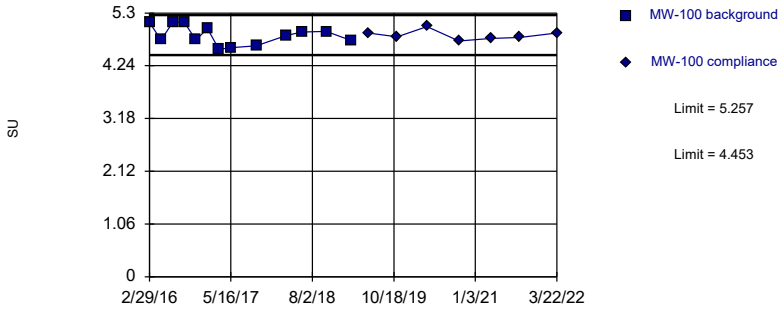
Within Limits

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 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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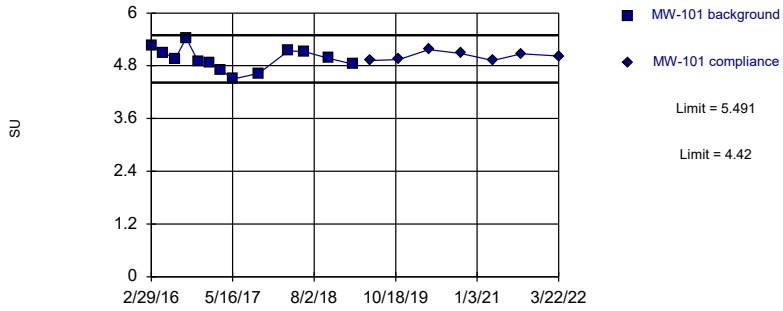
Within Limits

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

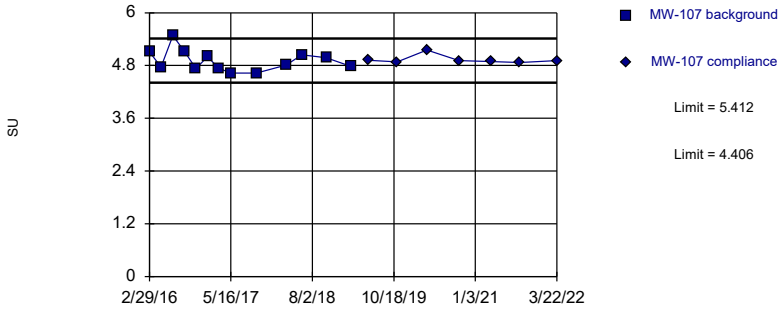
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

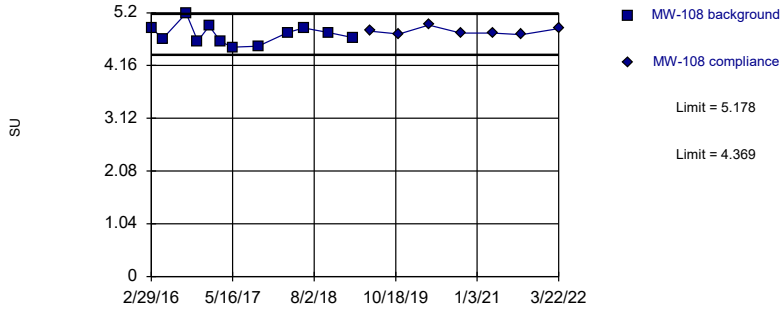
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.773, Std. Dev.=0.1917, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.805. Kappa = 2.112 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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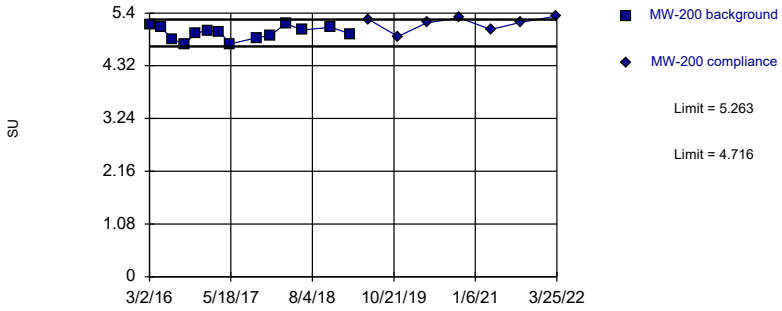
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.989, 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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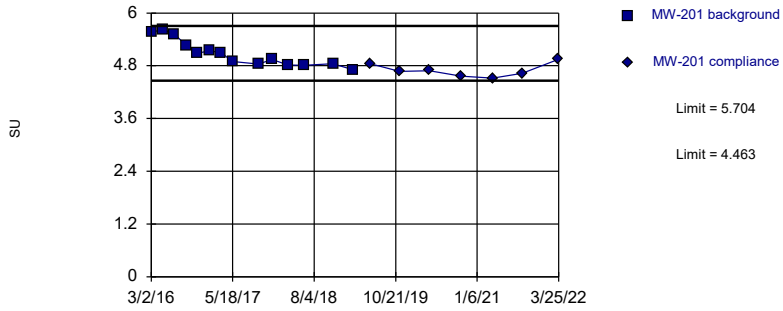
Within Limits

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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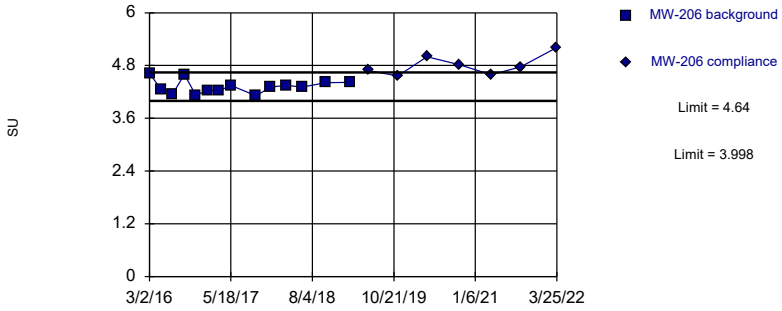
Exceeds Limits

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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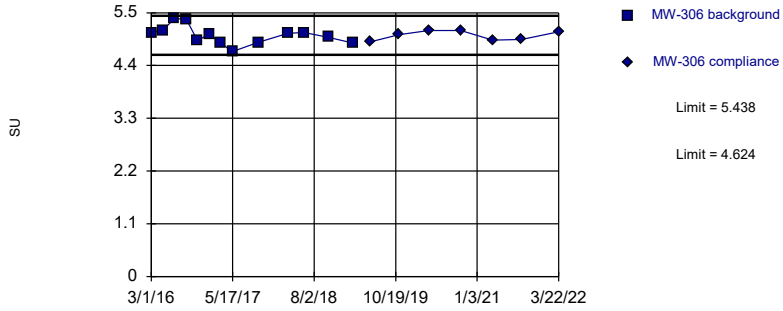
Within Limits

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.

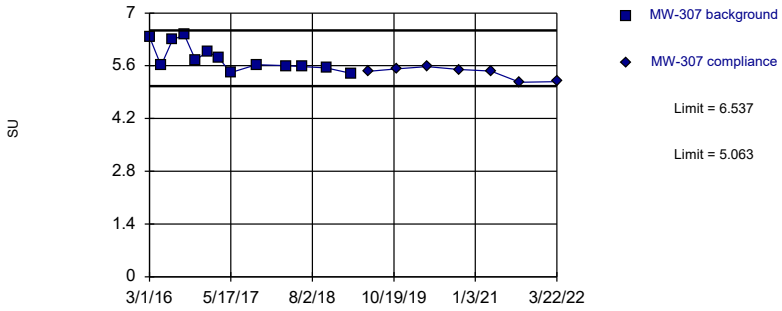
Constituent: Field pH Analysis Run 1/12/2023 12:26 PM View: 200 Series - Intrawell

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

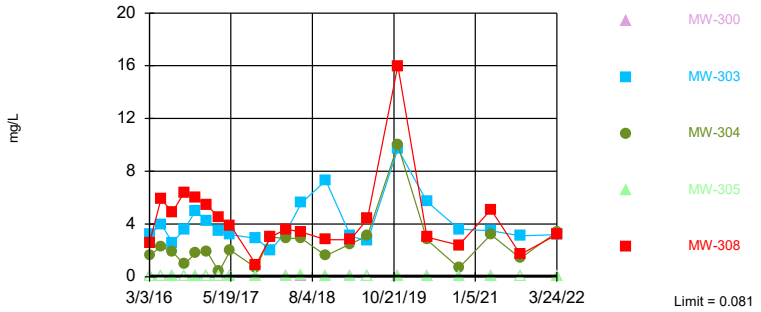
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	3/24/2022	0.035	No	120	n/a	n/a	80	n/a	n/a	0.0001351	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**3/24/2022**	**3.2**	**Yes**	**120**	**n/a**	**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.

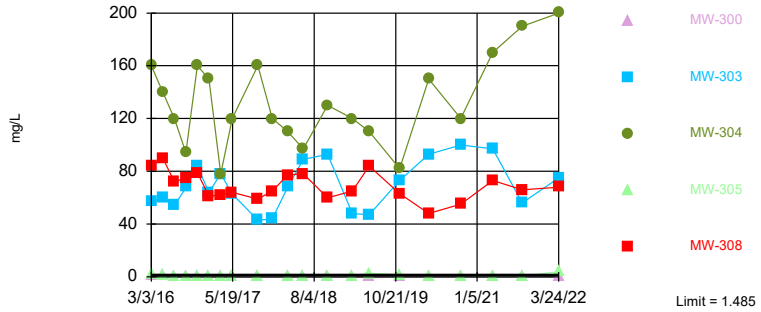
Constituent: Boron Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

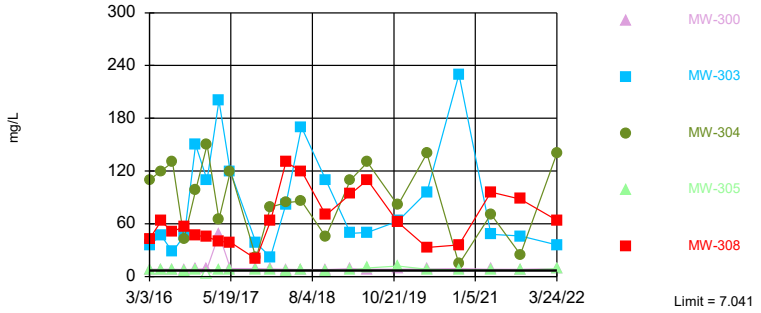
Constituent: Calcium Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

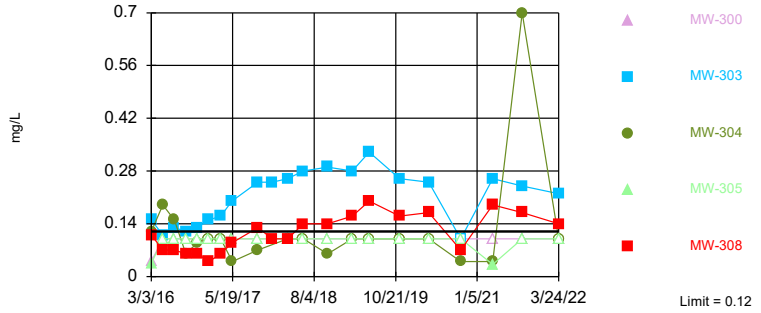
Constituent: Chloride Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

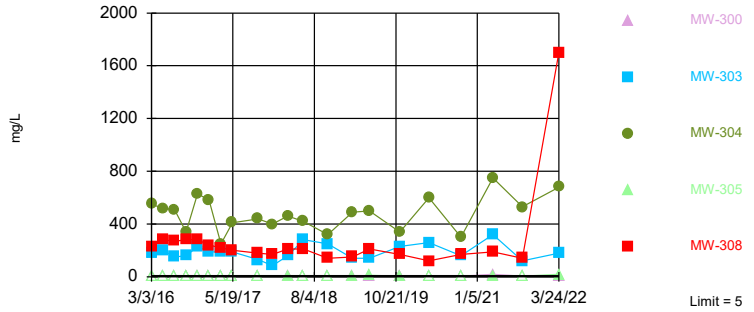
Constituent: Fluoride Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

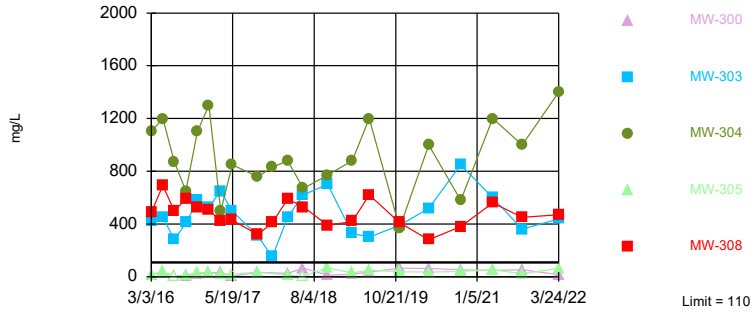
Constituent: Sulfate Analysis Run 1/12/2023 1:51 PM View: 300 Series - Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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)

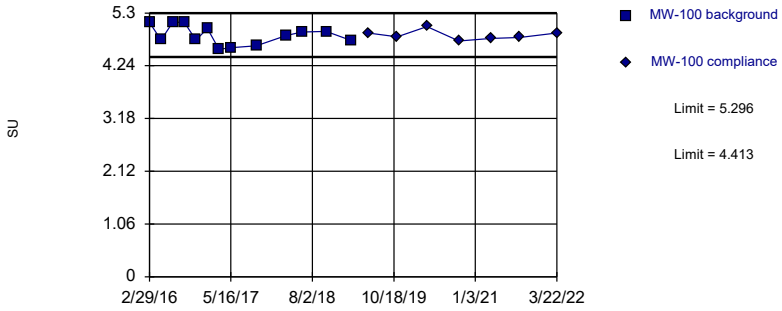
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:55 PM

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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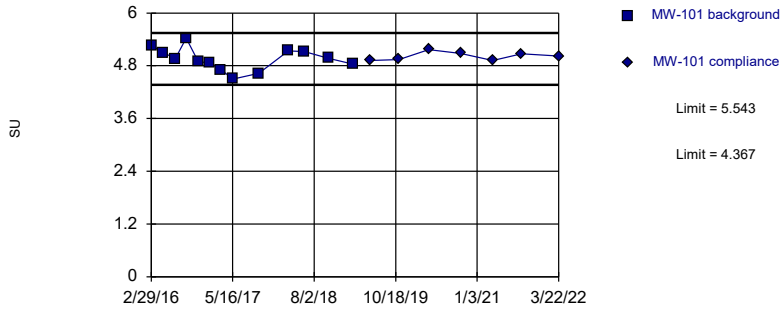
Within Limits

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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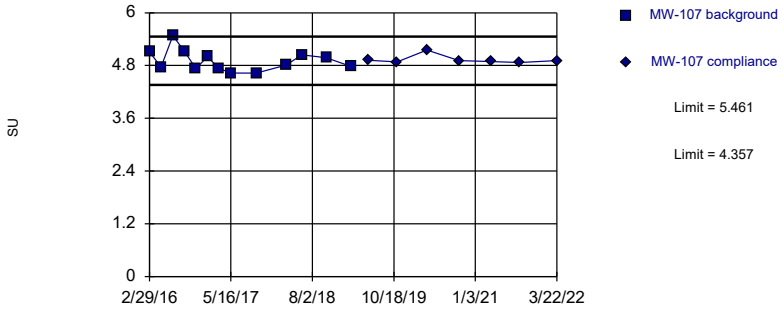
Within Limits

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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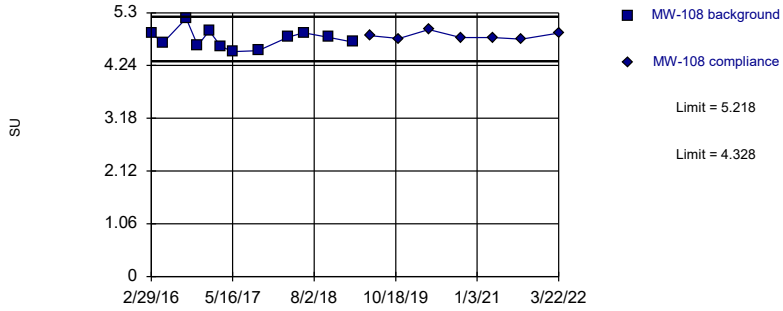
Within Limits

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

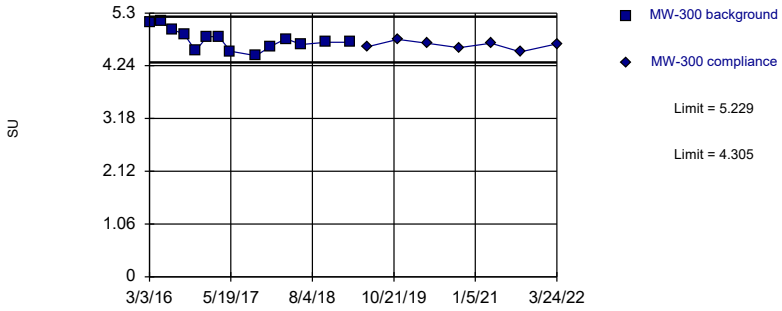
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.767, Std. Dev.=0.2067, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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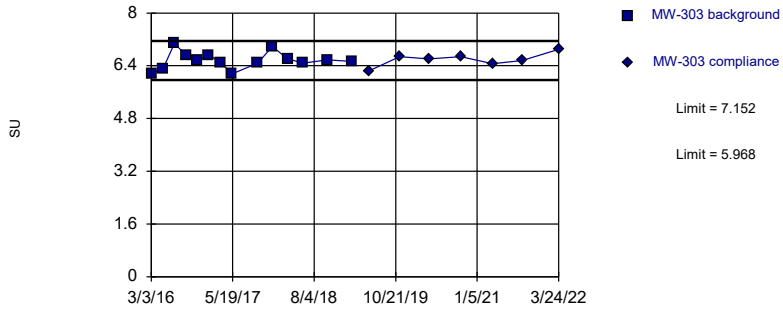
Within Limits

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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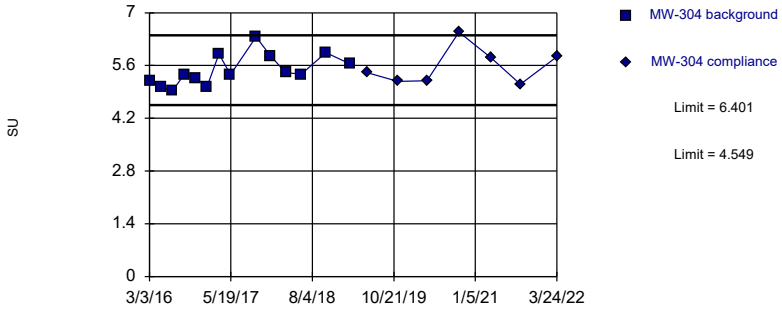
Within Limits

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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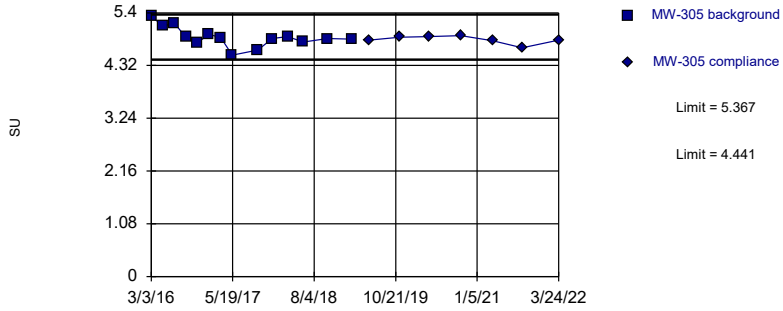
Within Limits

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.

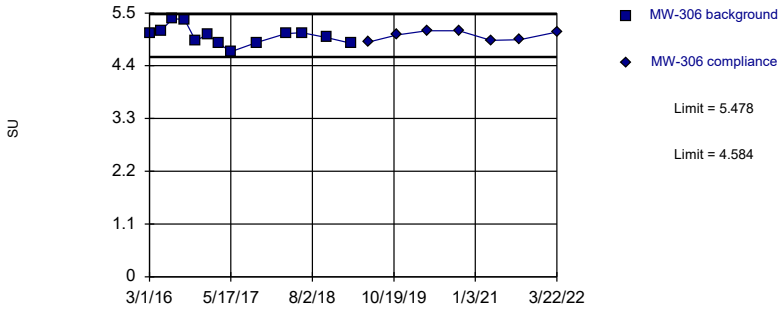
Constituent: Field pH Analysis Run 1/12/2023 1:54 PM View: 300 Series - Intrawell

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

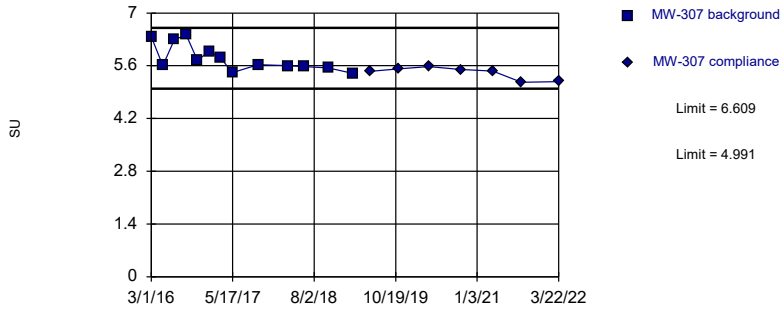
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

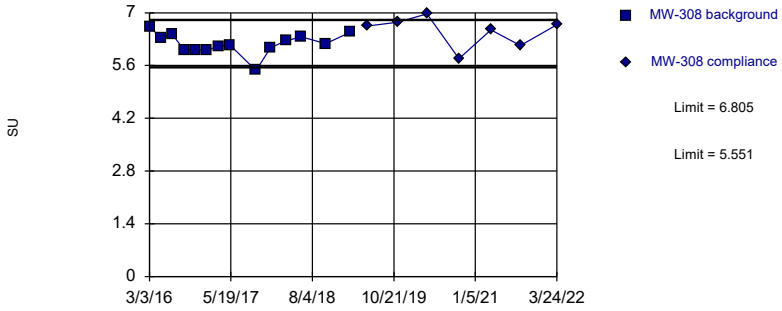
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

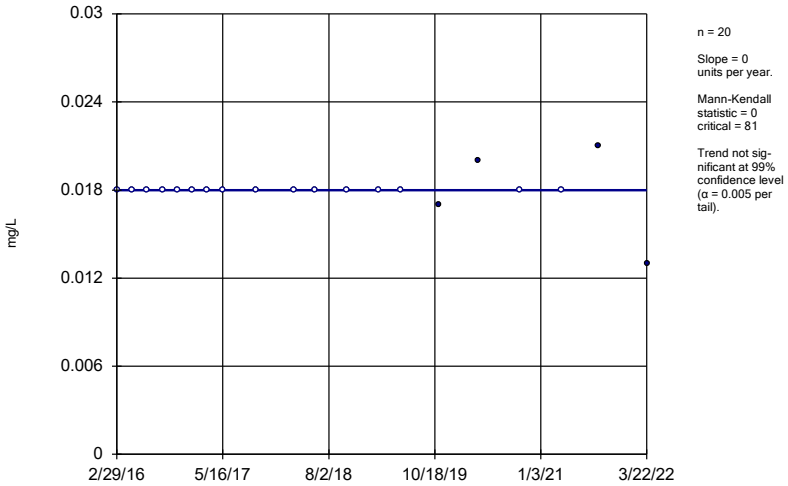
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 10:30 AM

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

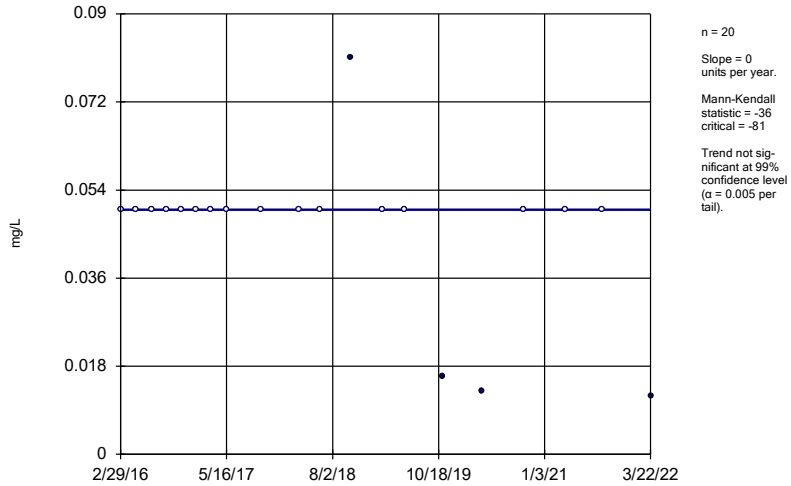
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

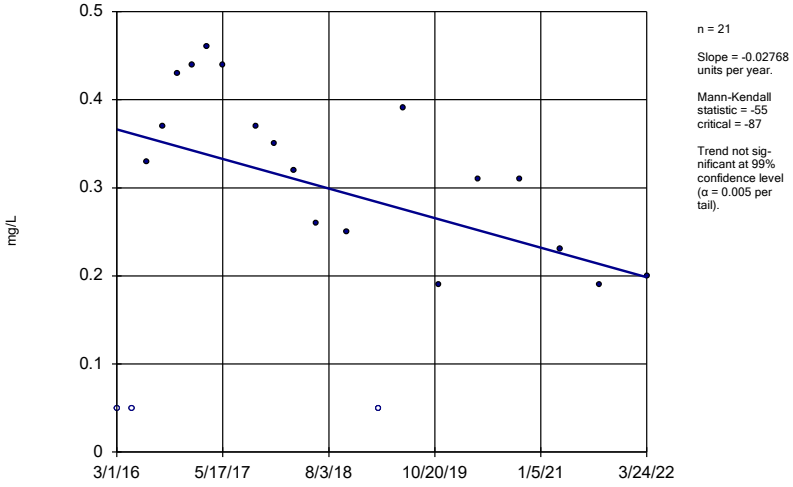
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

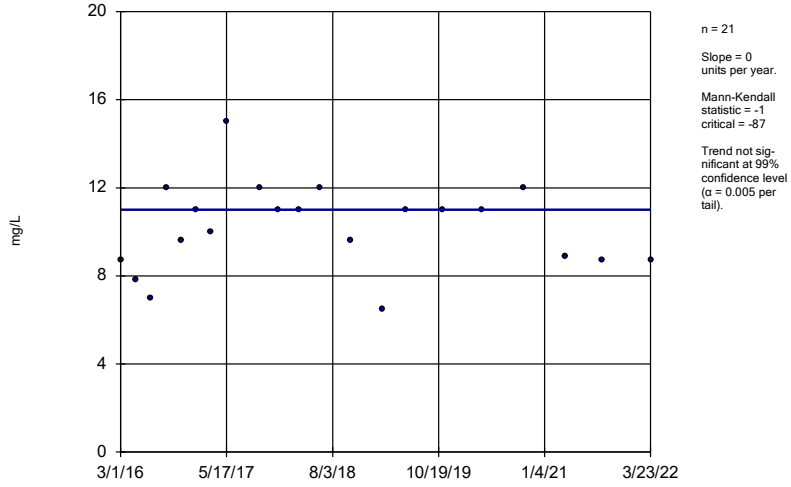
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

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 = -1
critical = -87

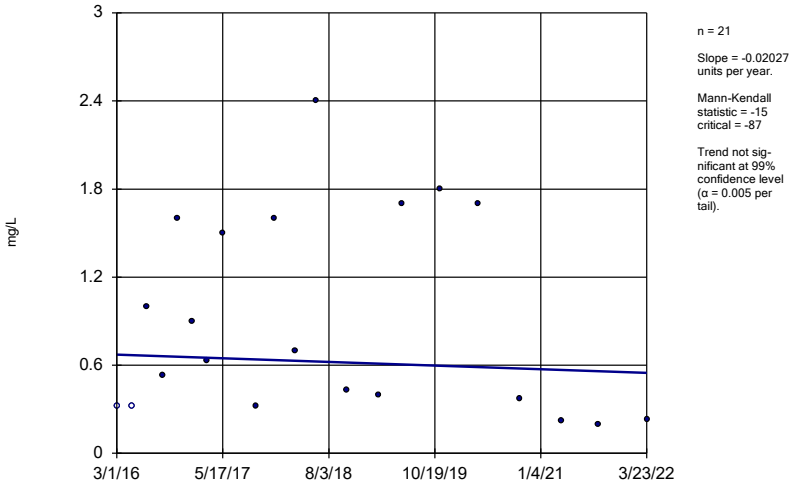
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

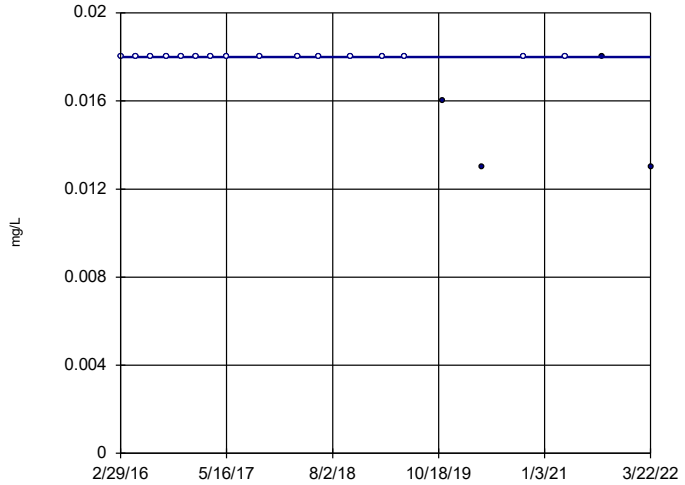
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

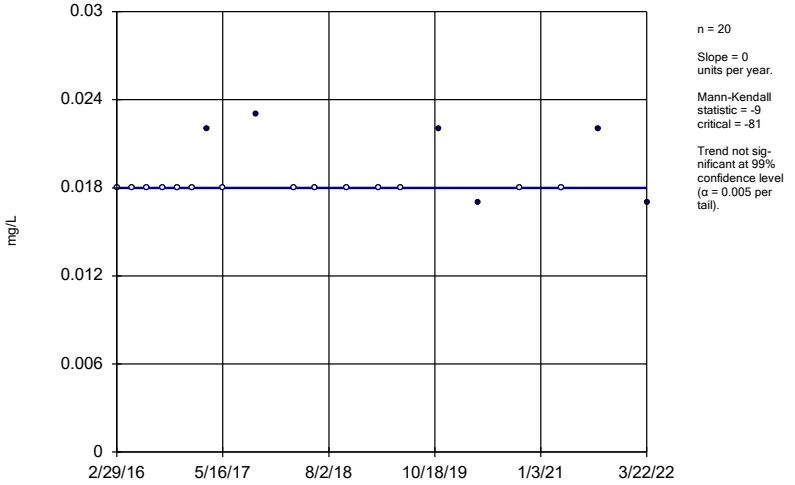
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

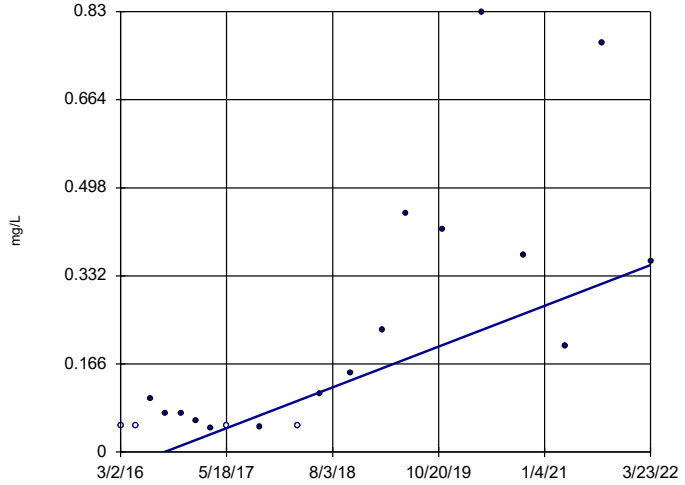
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

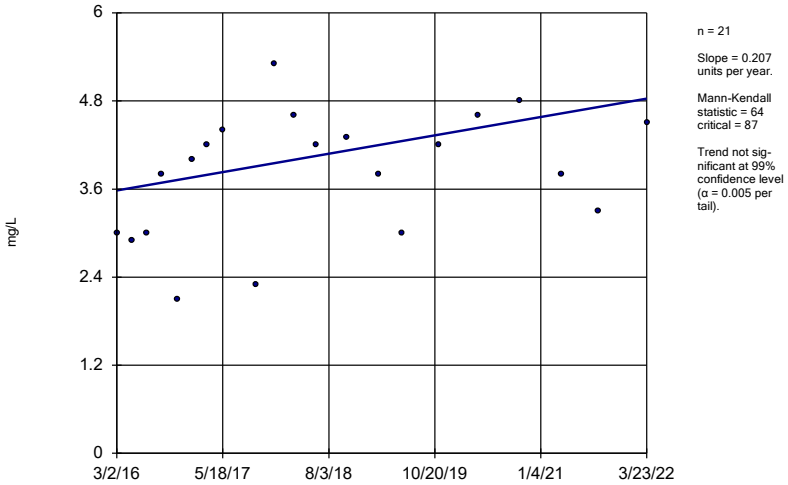
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

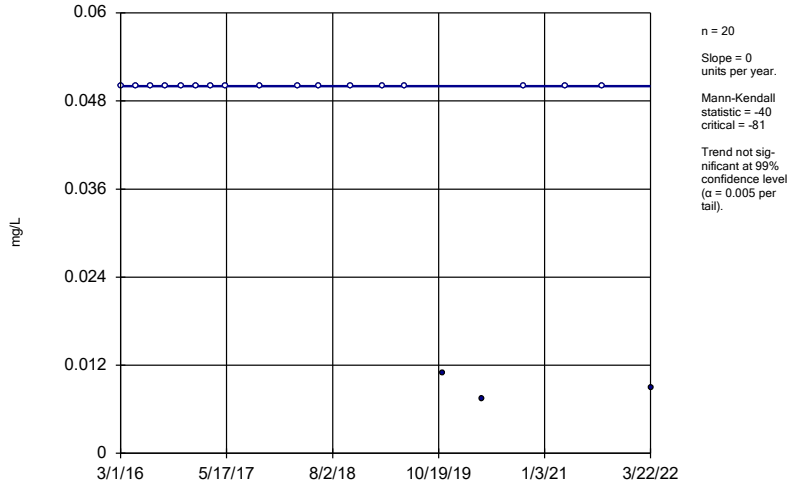
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

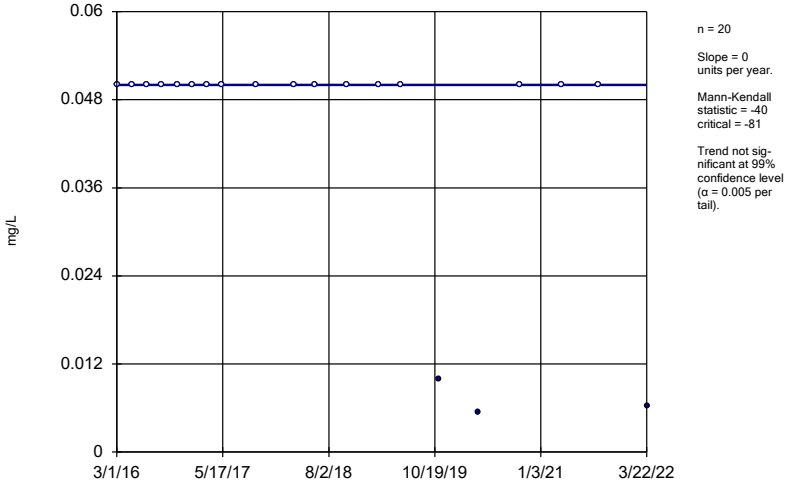
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

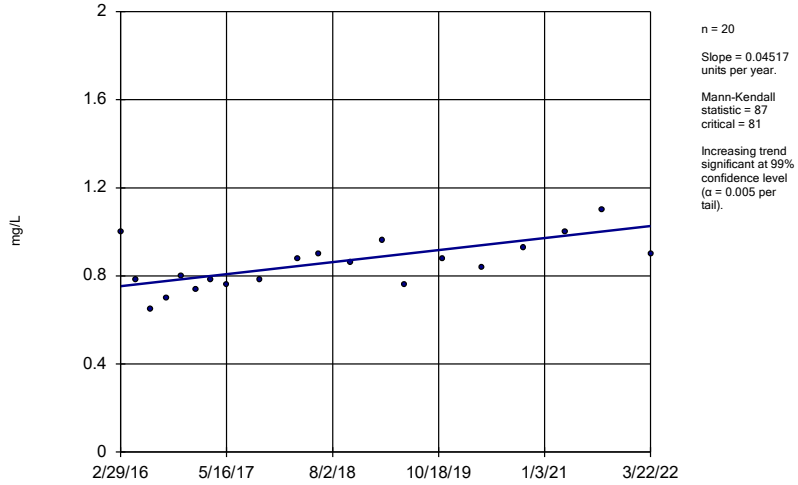
Constituent: Boron Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

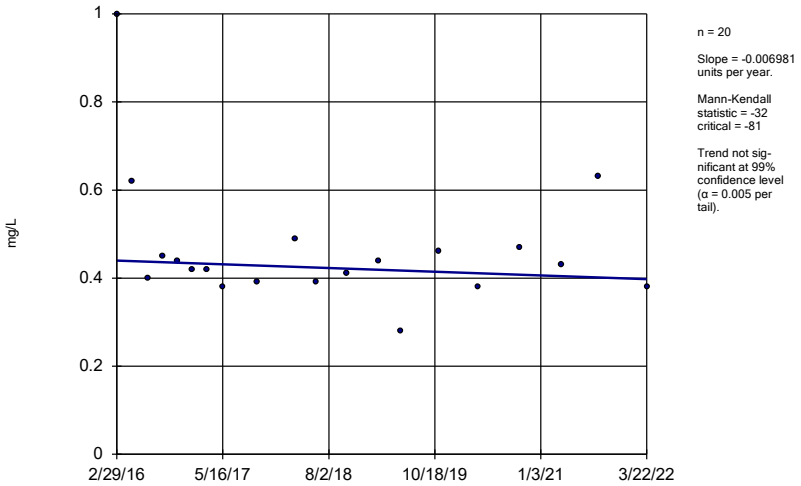
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

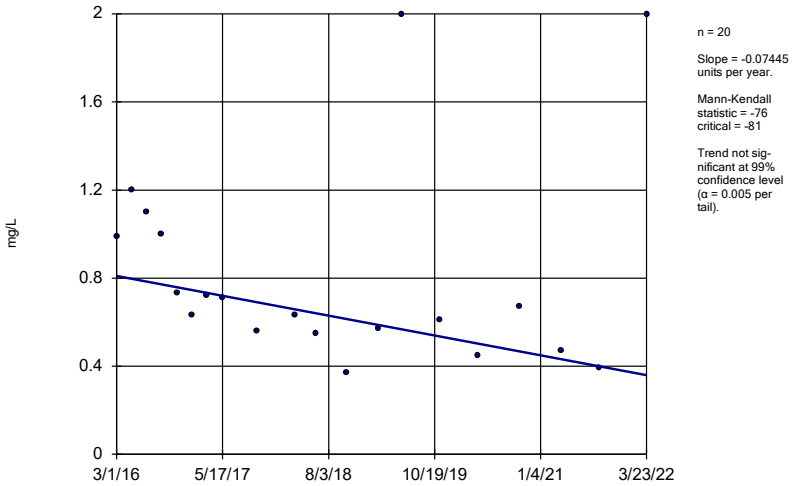
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

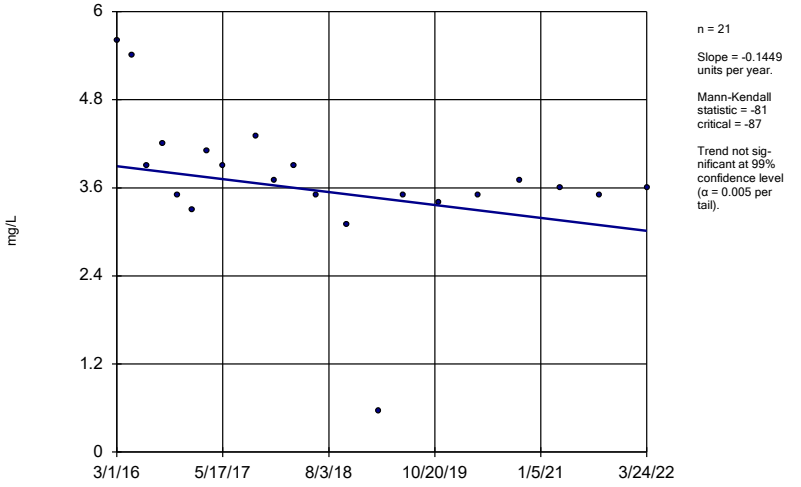
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

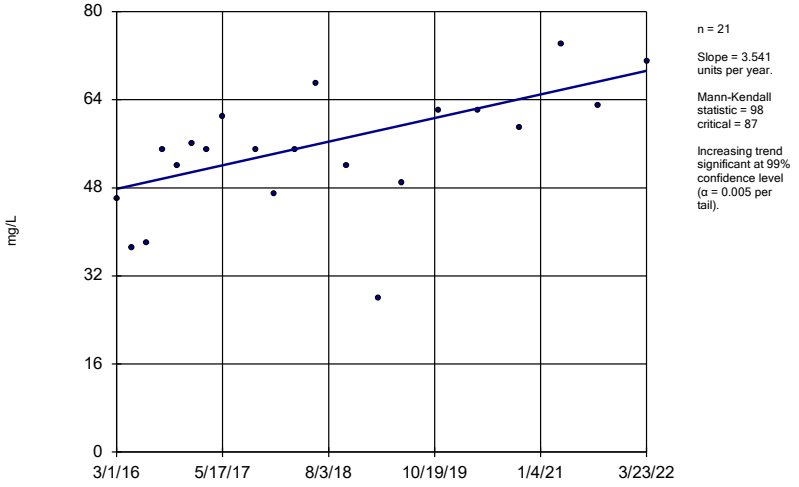
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

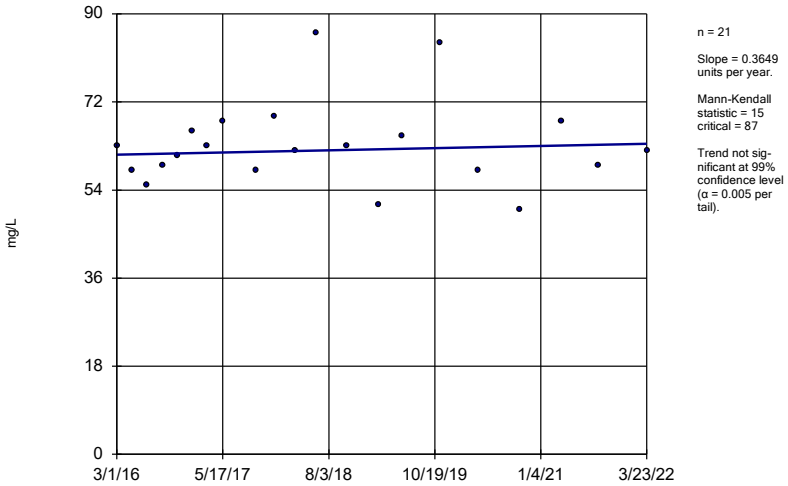
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

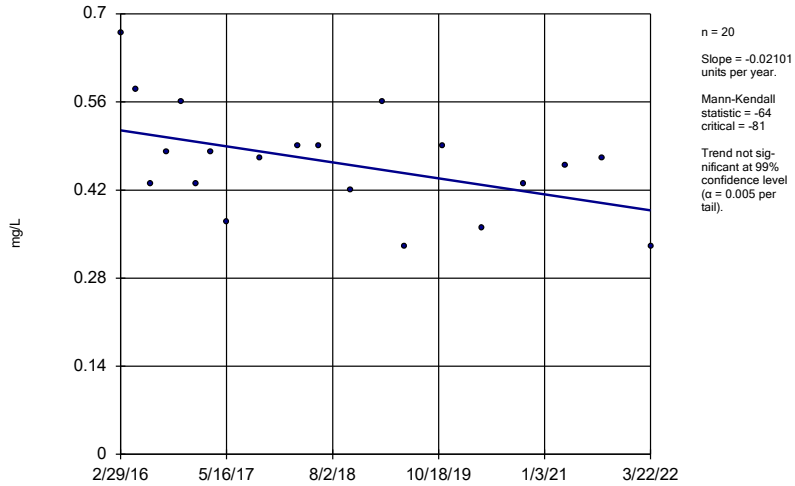
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

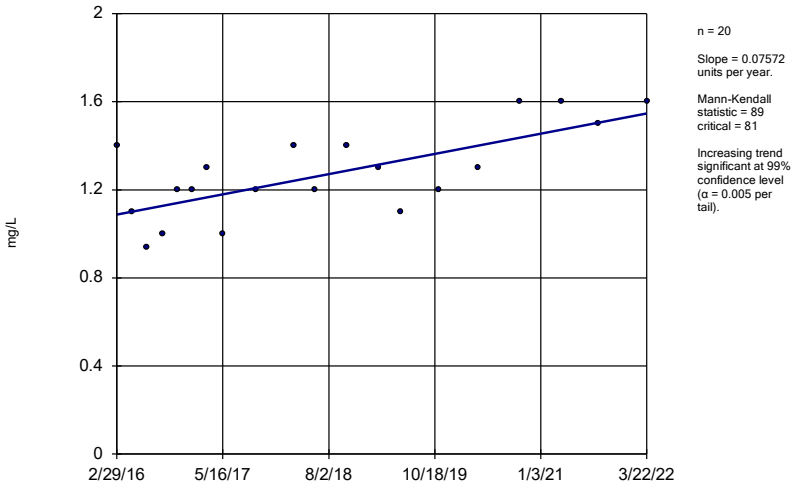
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

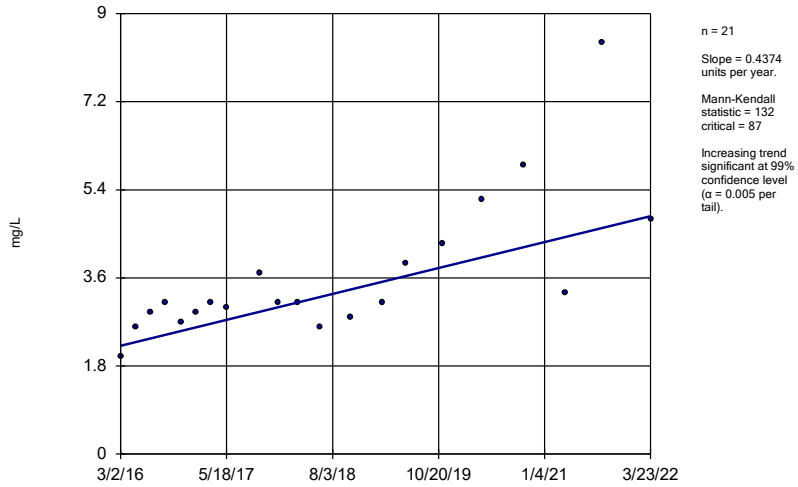
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

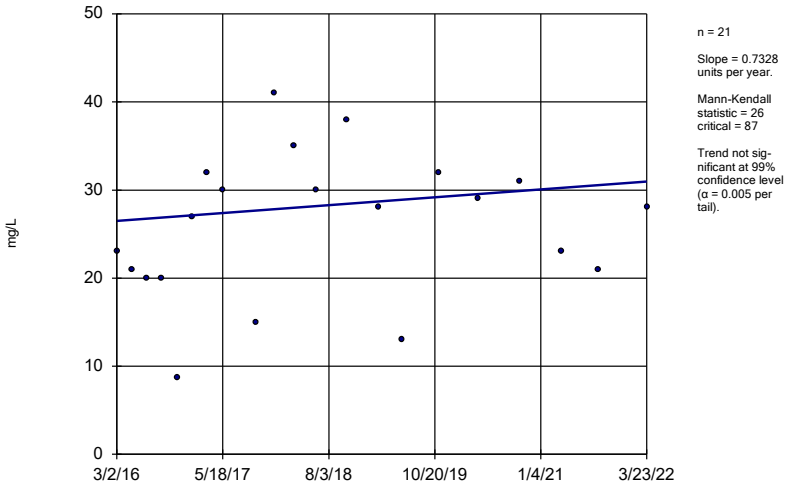
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

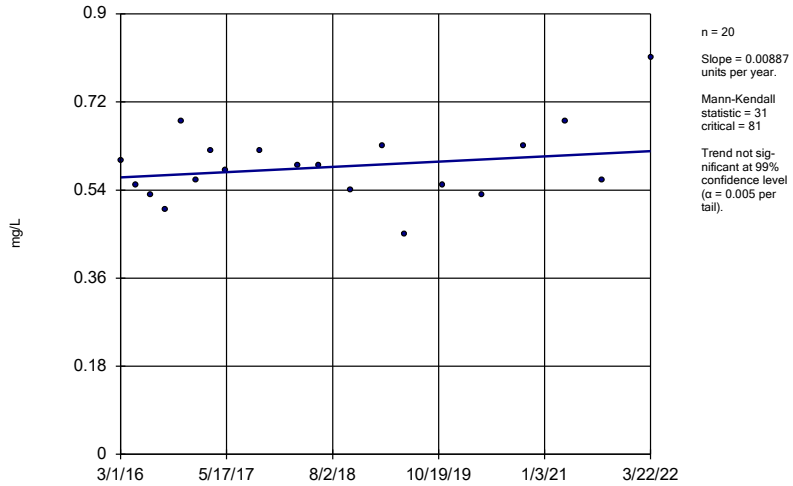
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

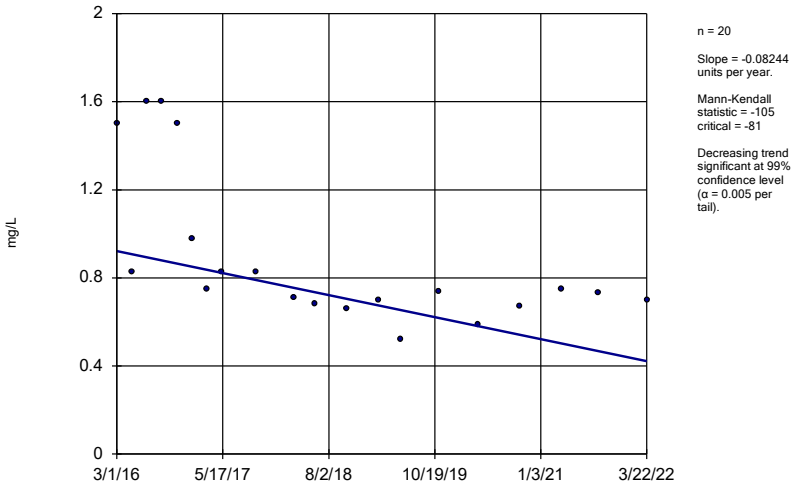
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

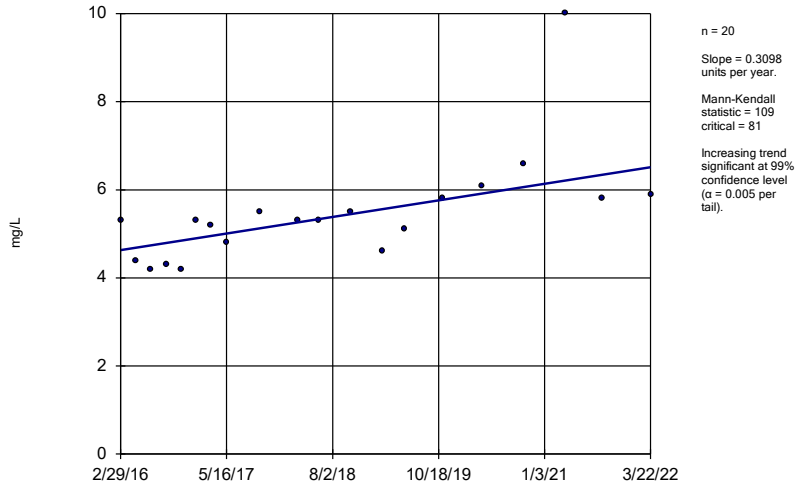
Constituent: Calcium Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

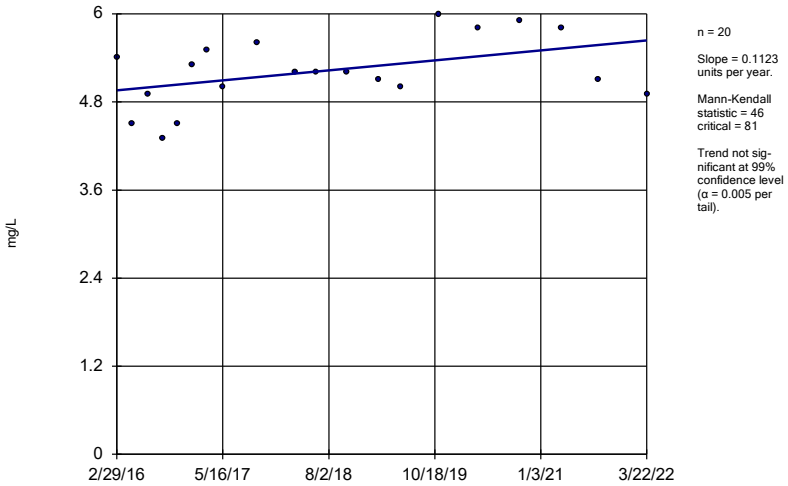
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

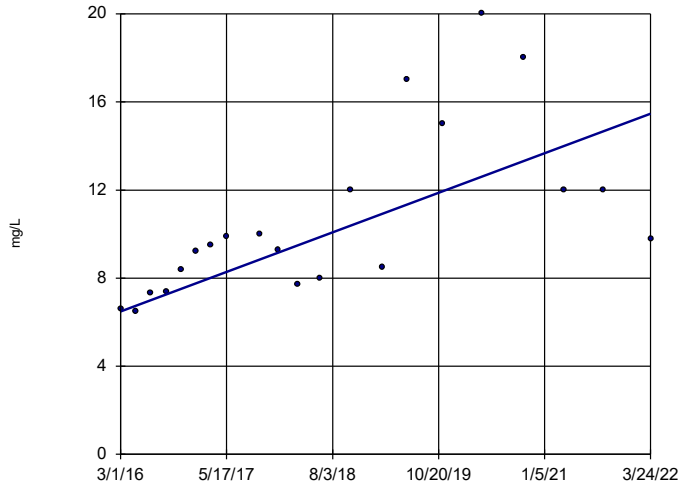
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

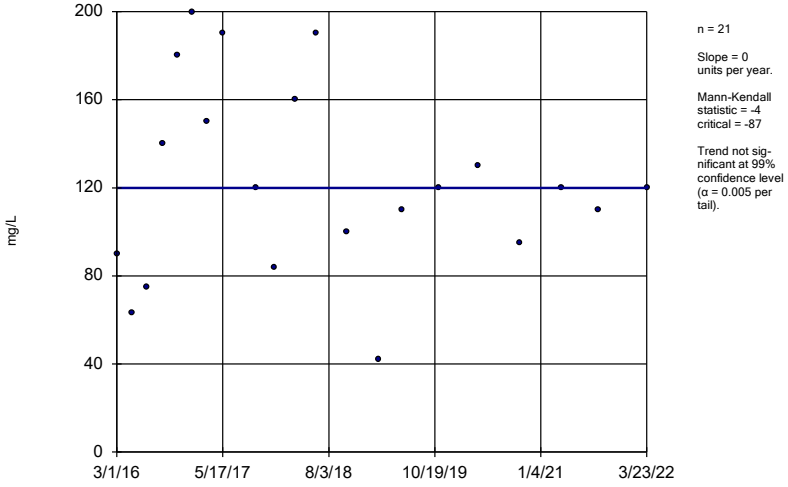
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

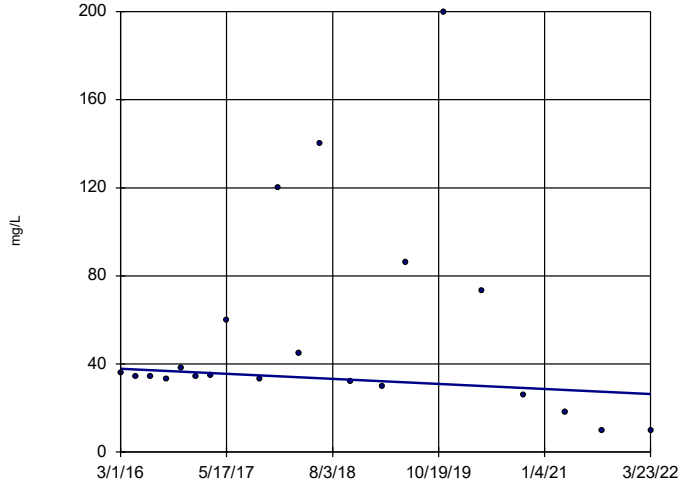
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

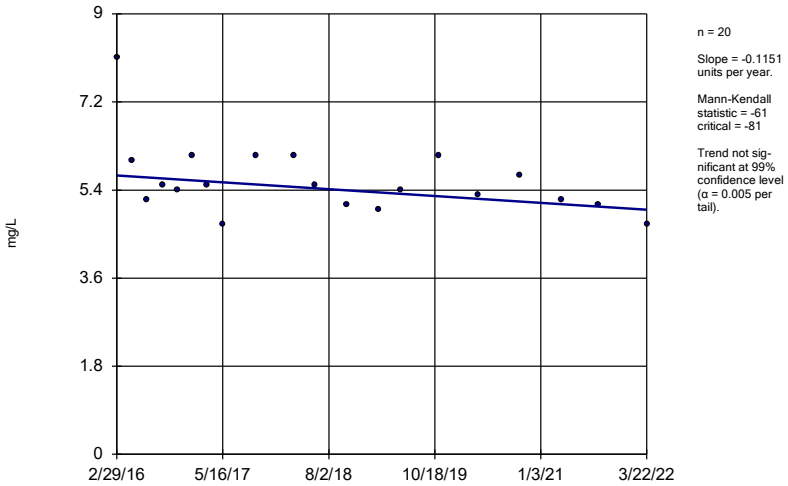
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

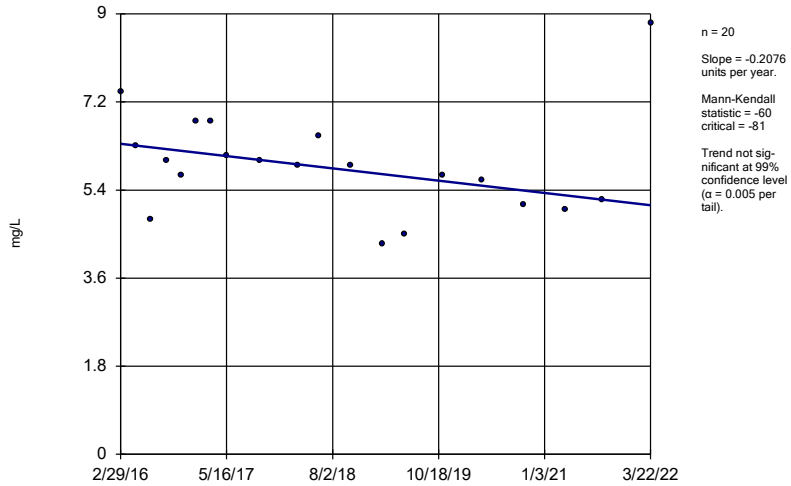
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

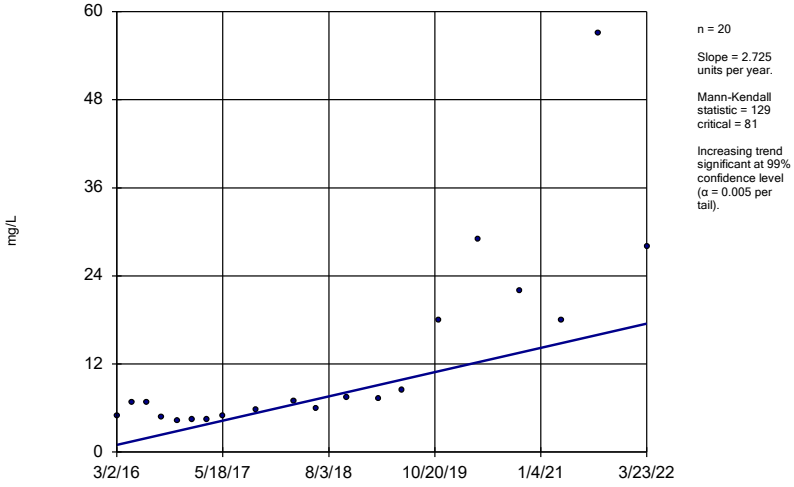
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

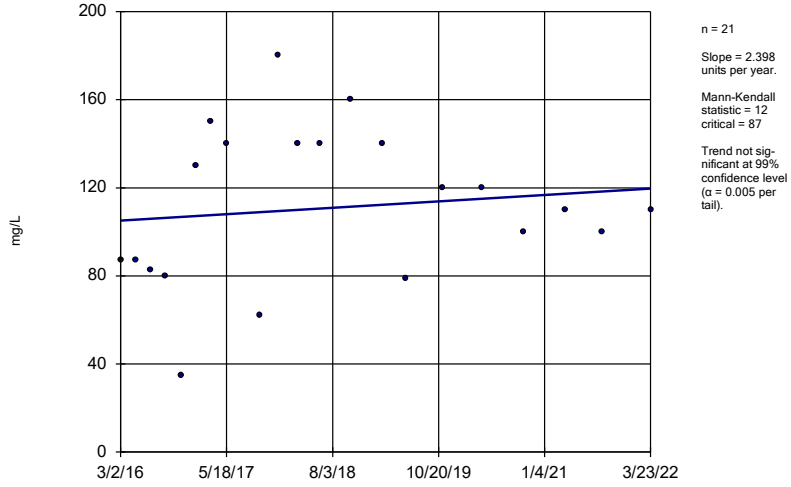
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

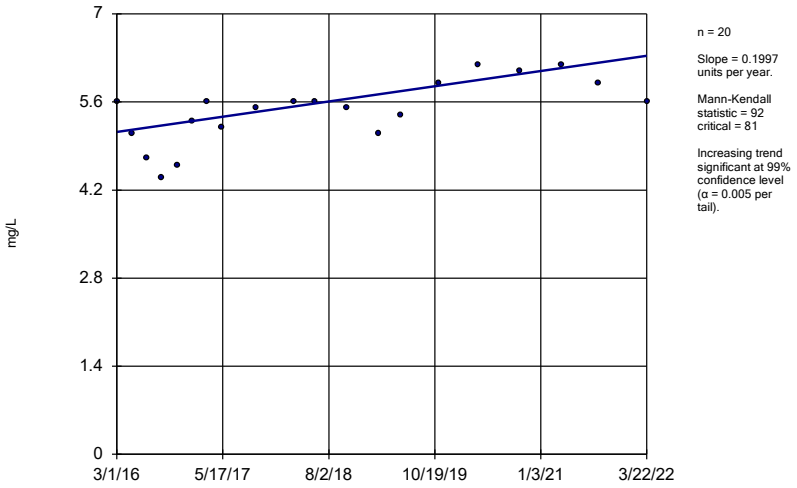
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

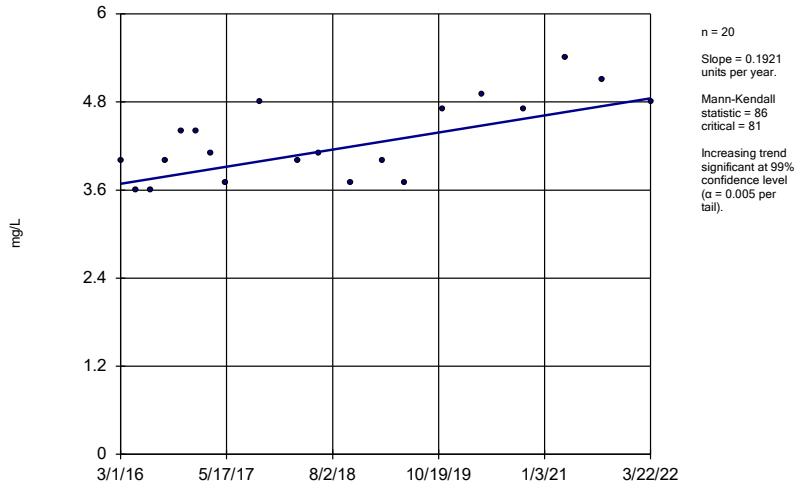
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

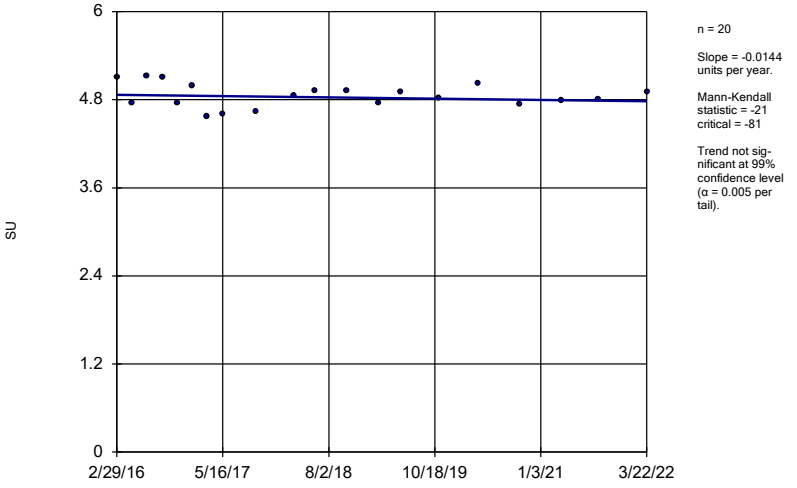
Constituent: Chloride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

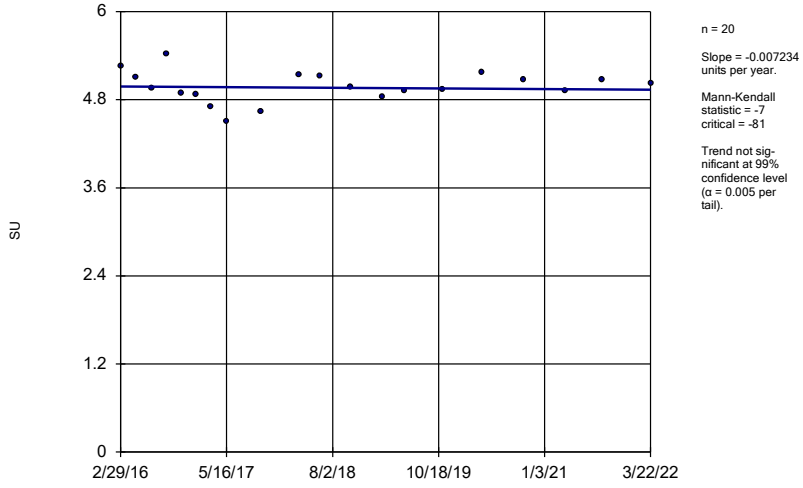
Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

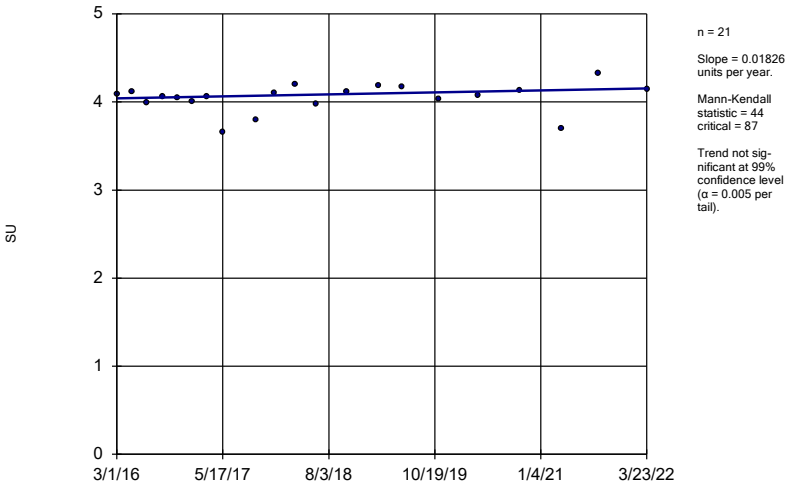
Trend not sig-nificant at 99% confidence level (α = 0.005 per tail).

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).

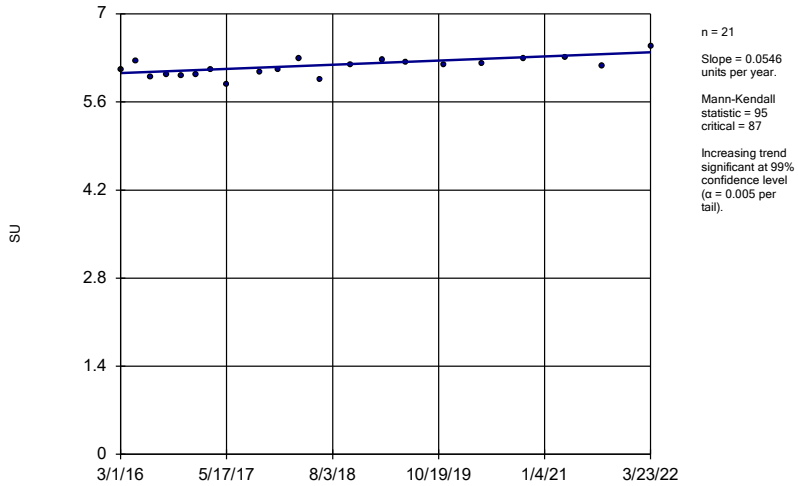
Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

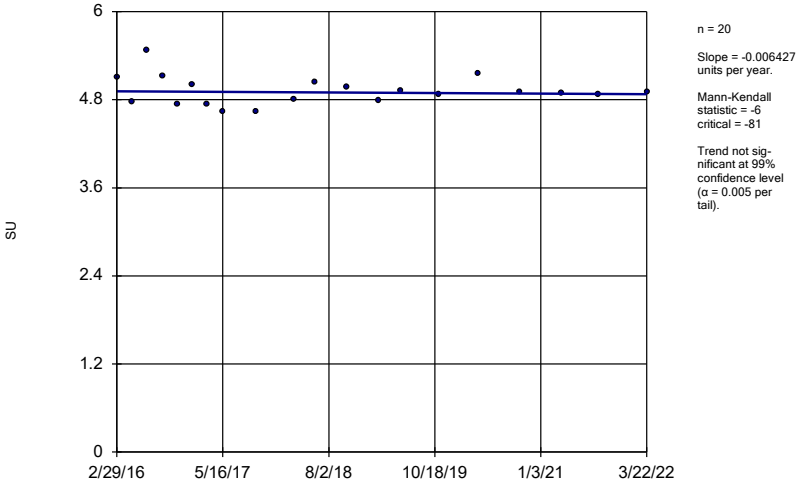
Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

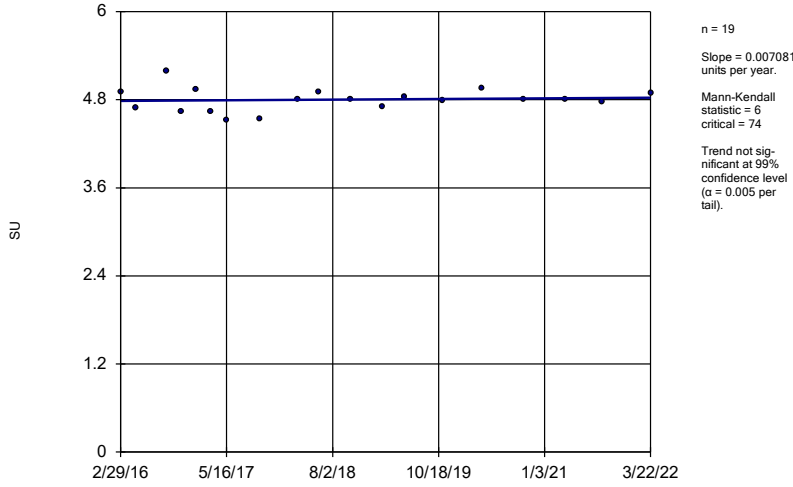
Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

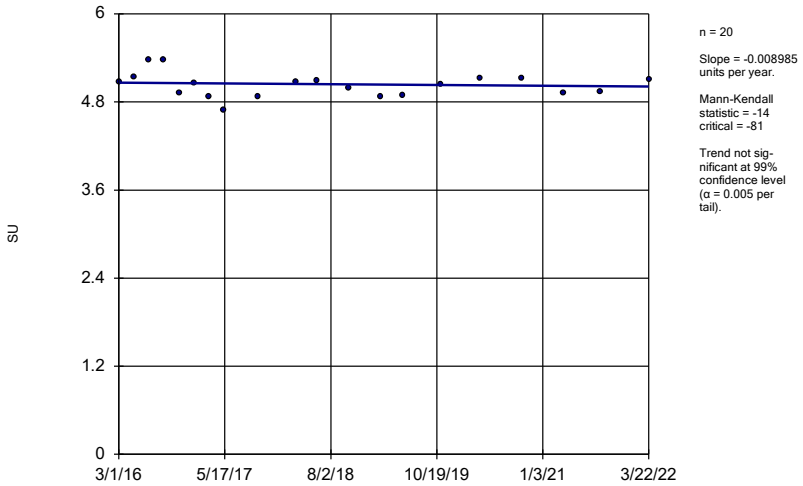
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

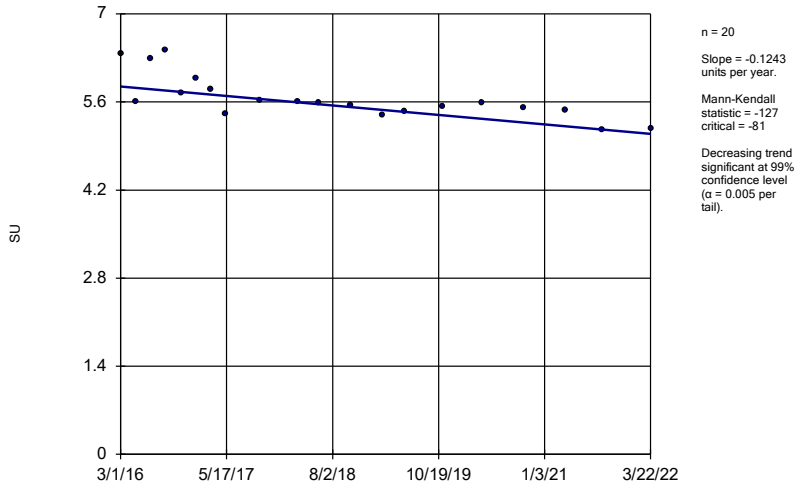
Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

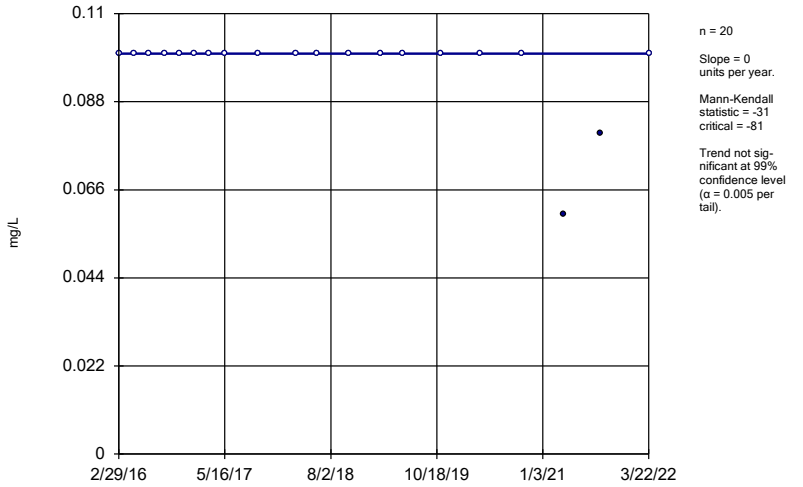
Constituent: Field pH Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

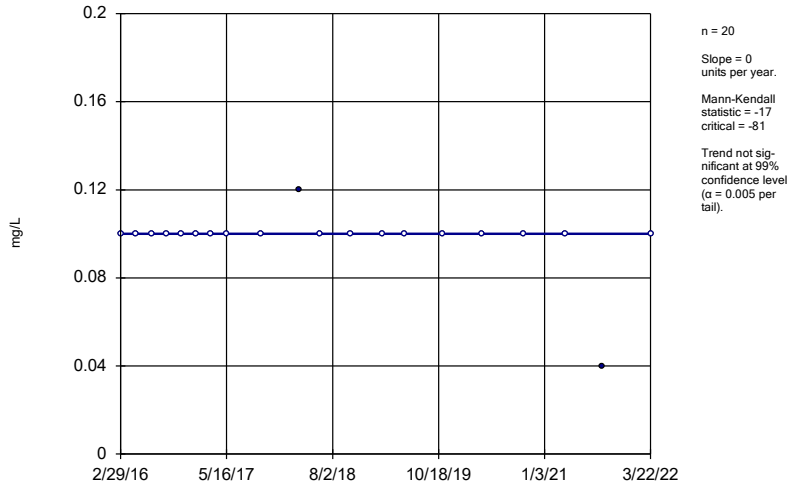
Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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).

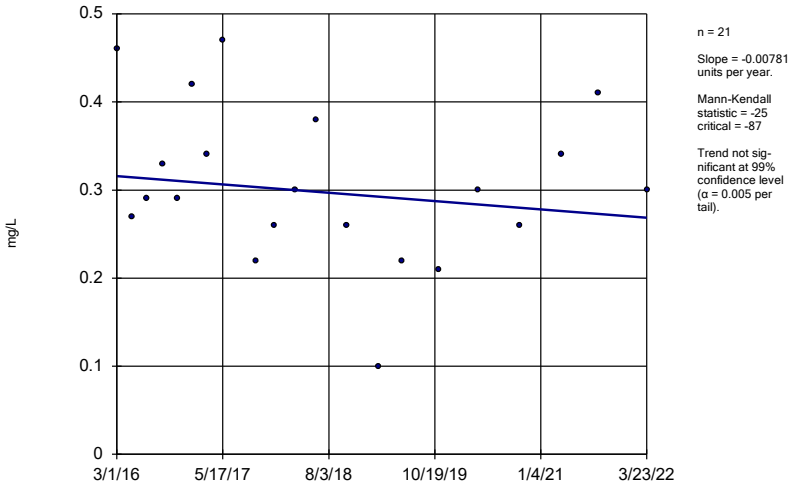
Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

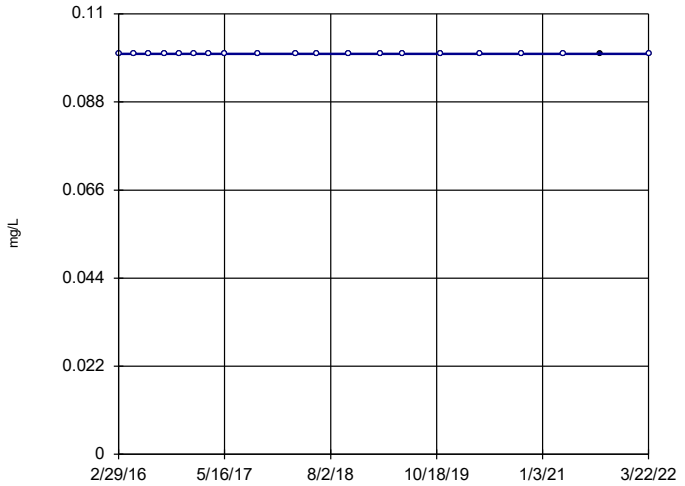
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

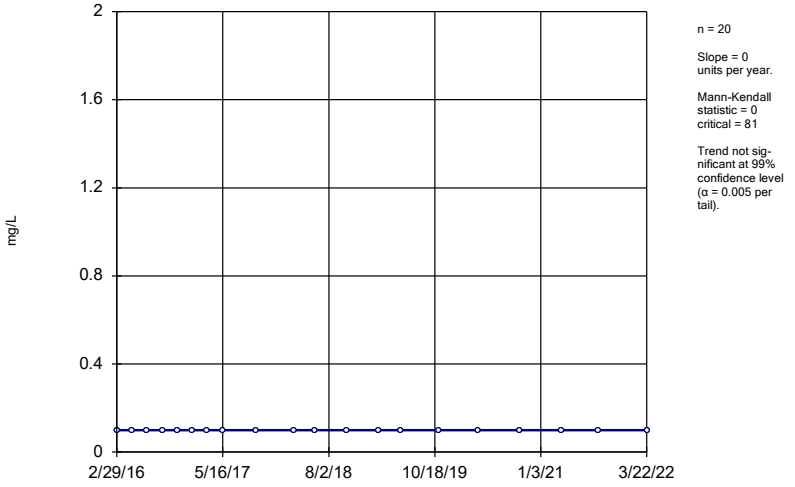
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

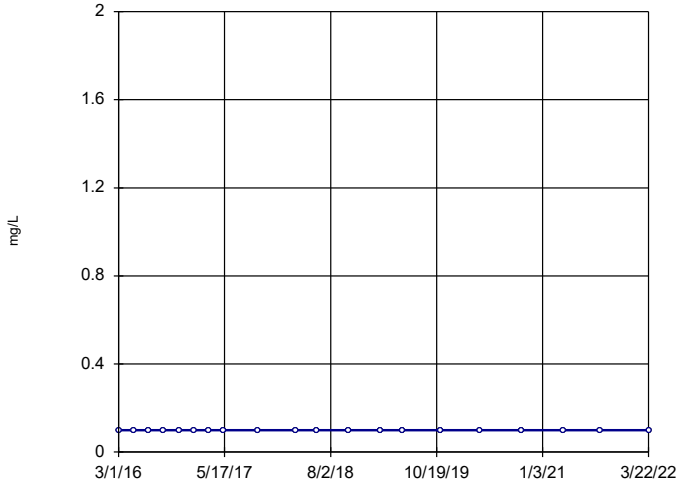
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

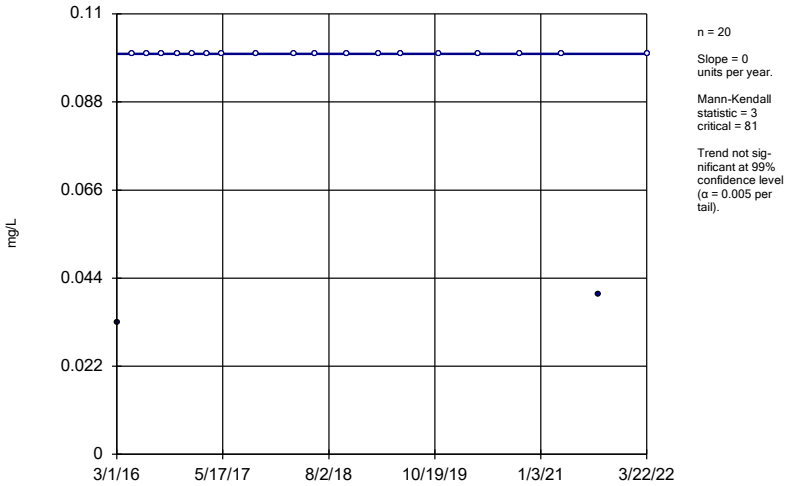
Constituent: Fluoride Analysis Run 1/12/2023 10:27 AM View: 100 Series - Trend Tests

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

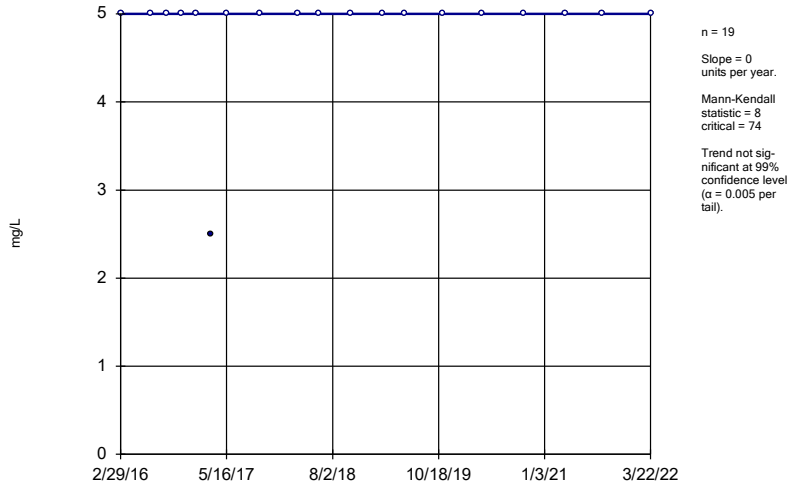
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

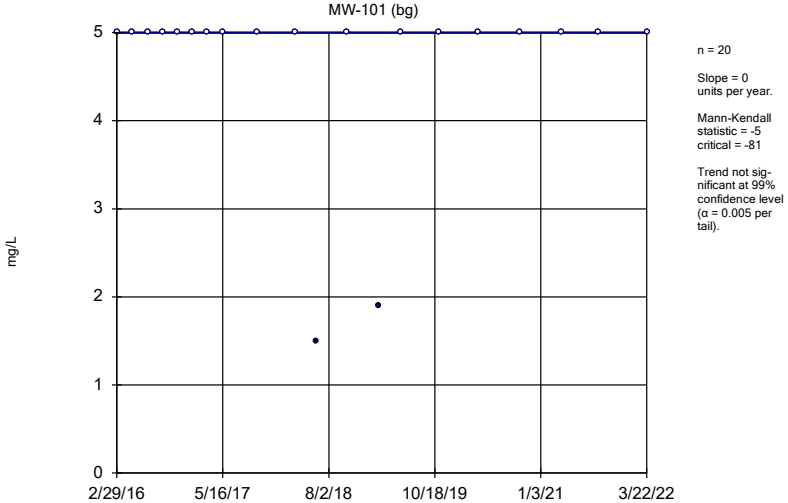
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

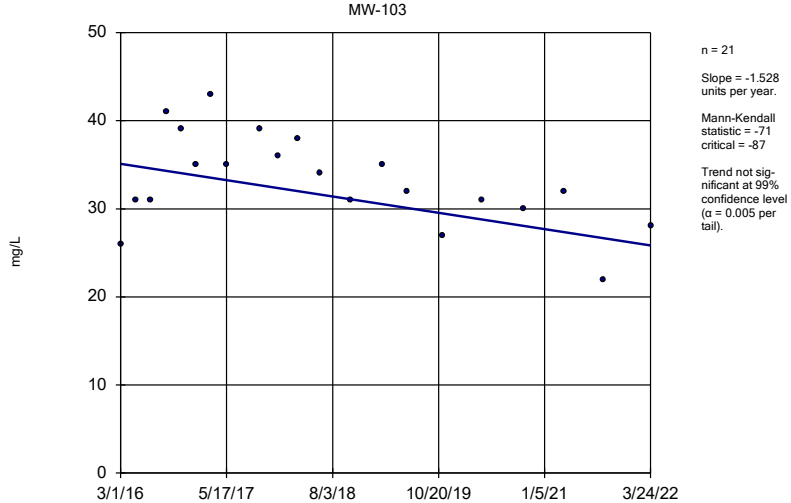
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

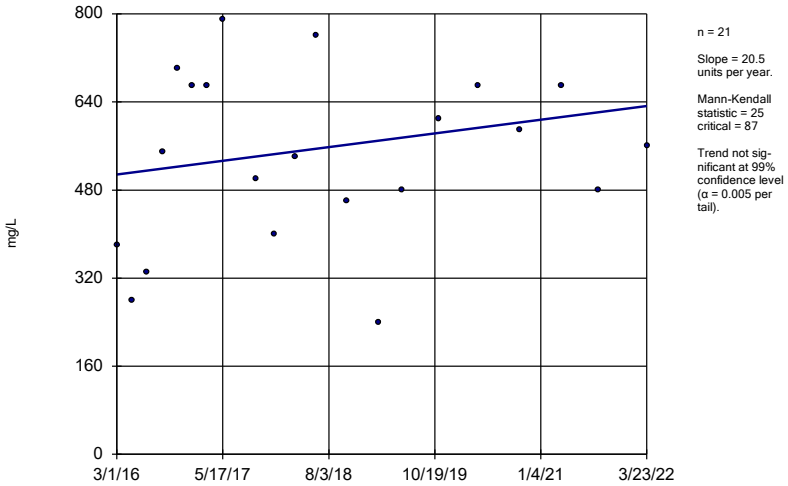
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

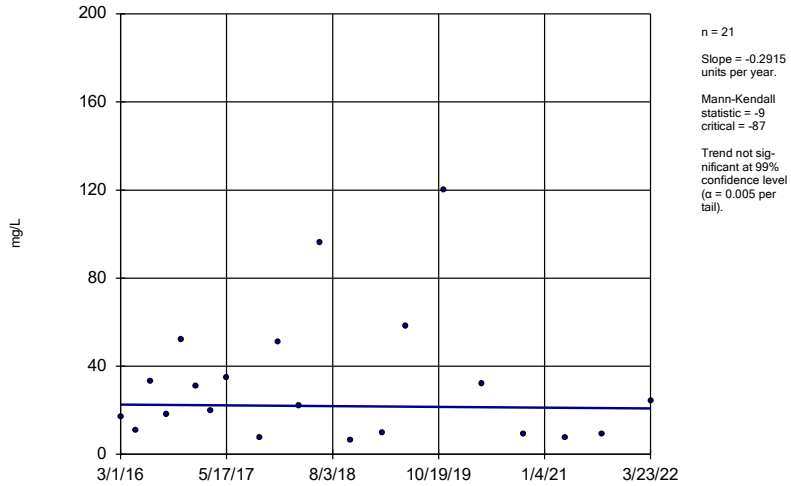
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

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

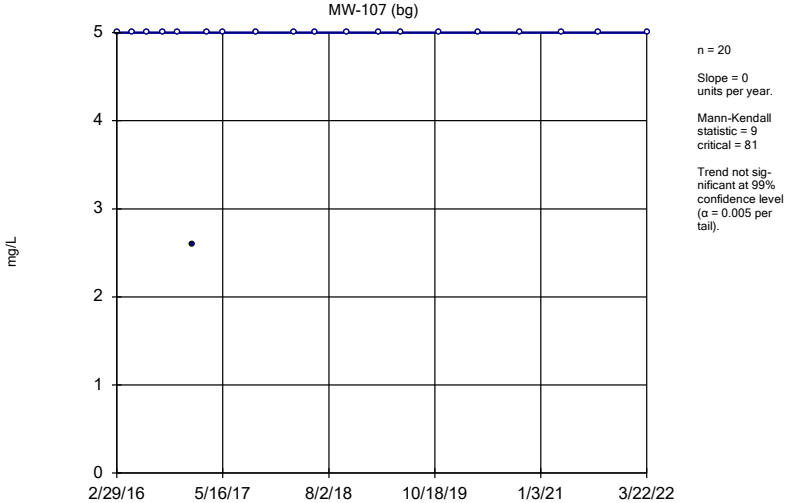
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

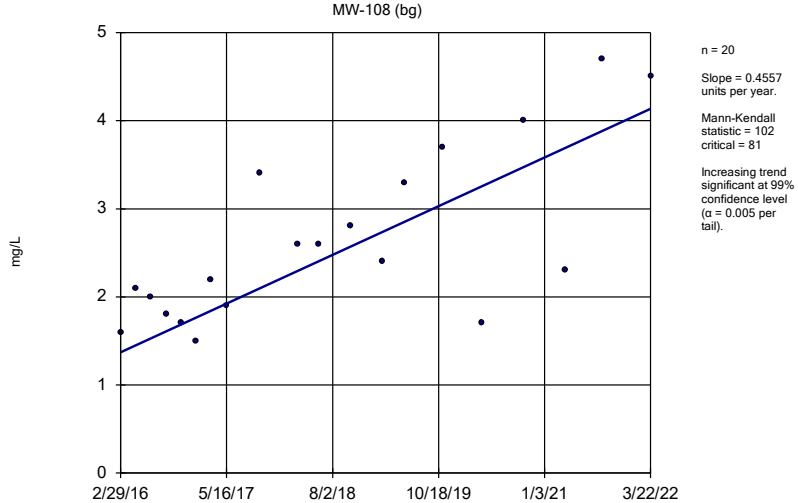
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

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).

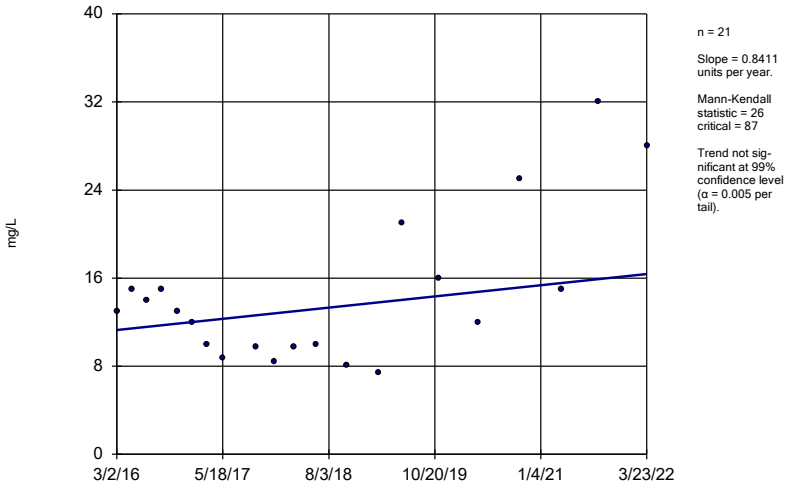
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-109



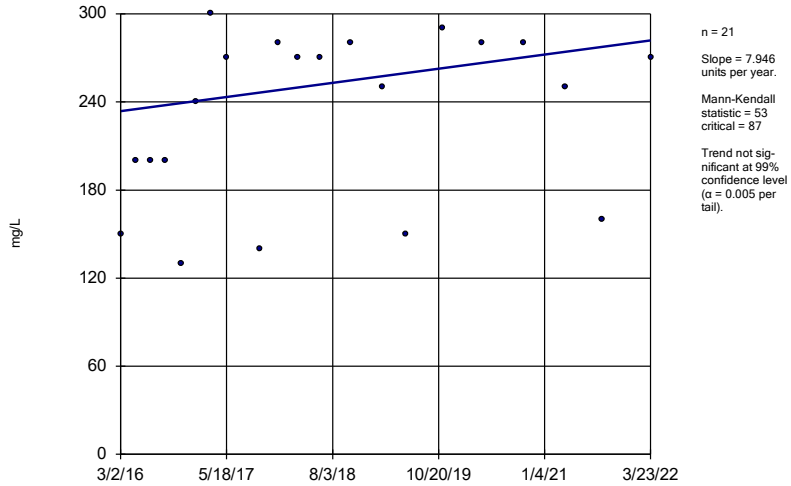
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

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



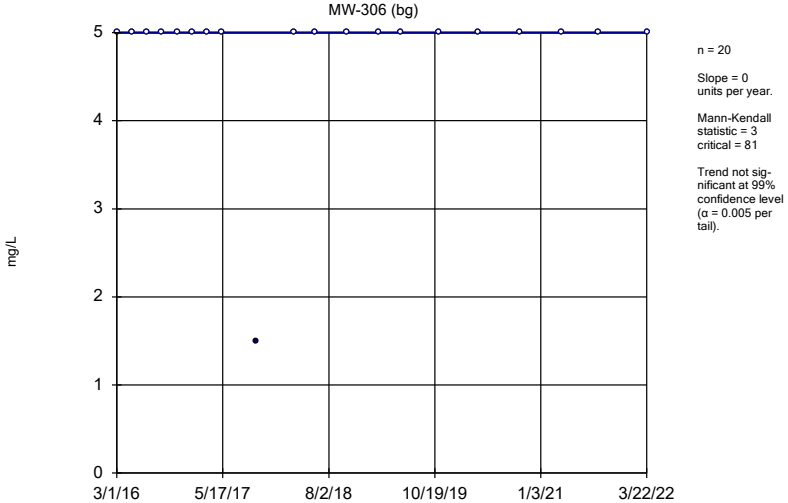
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

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)



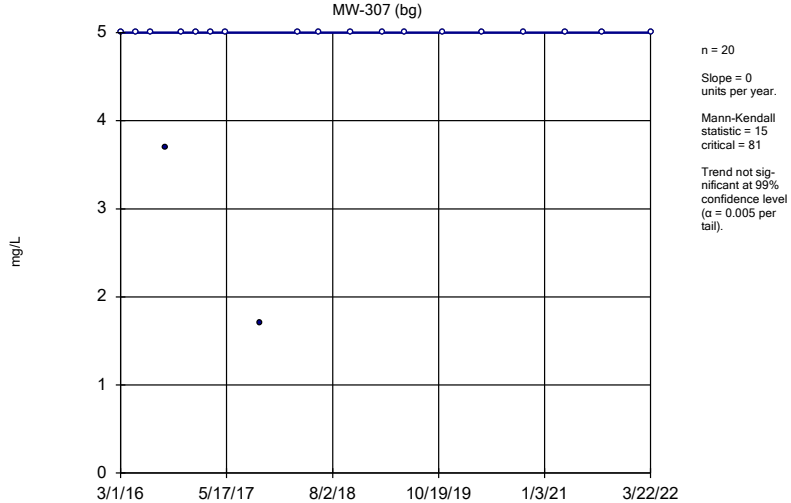
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

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)



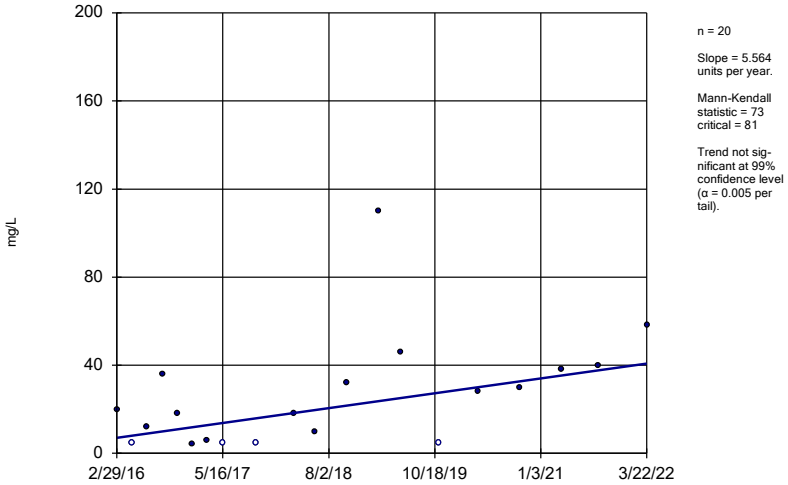
Constituent: Sulfate Analysis Run 1/12/2023 10:28 AM View: 100 Series - Trend Tests

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

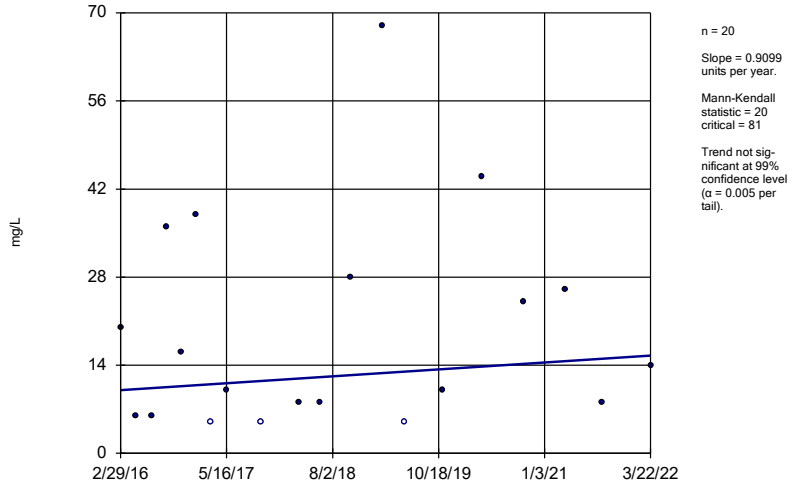
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

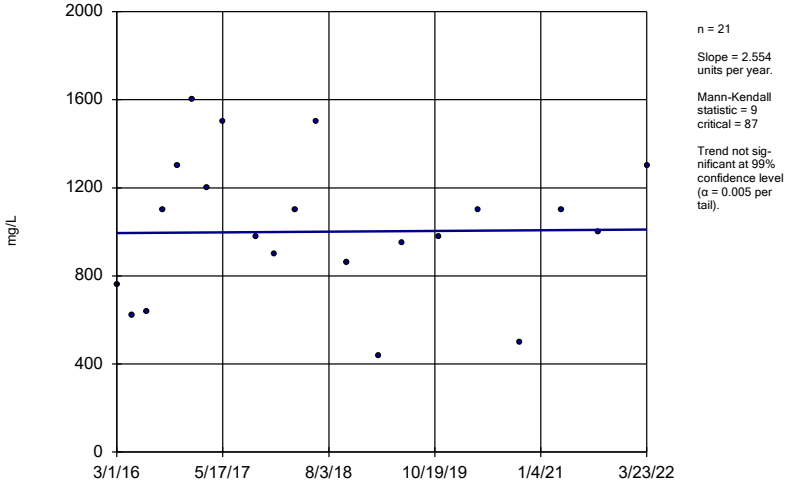
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

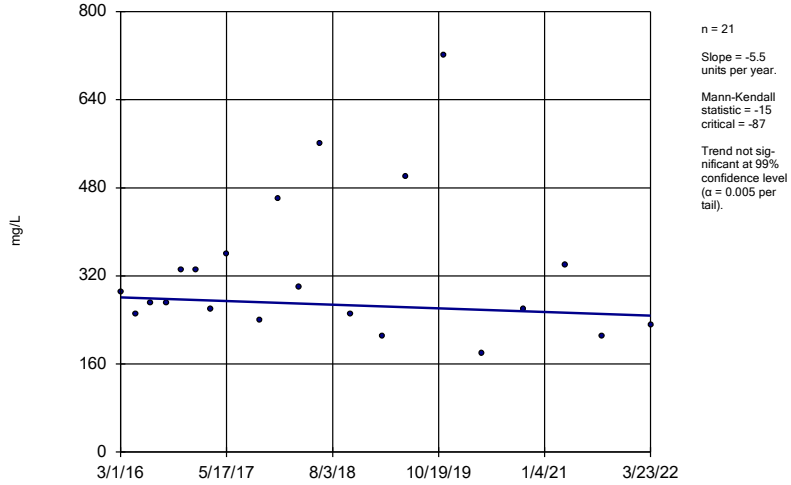
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

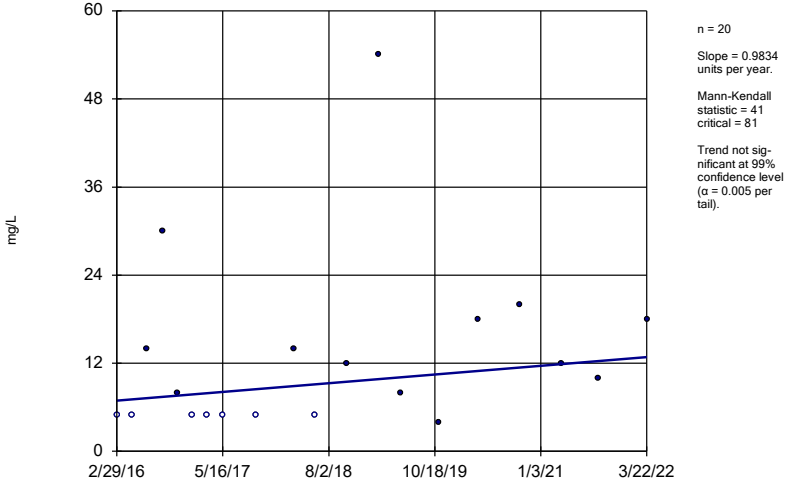
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

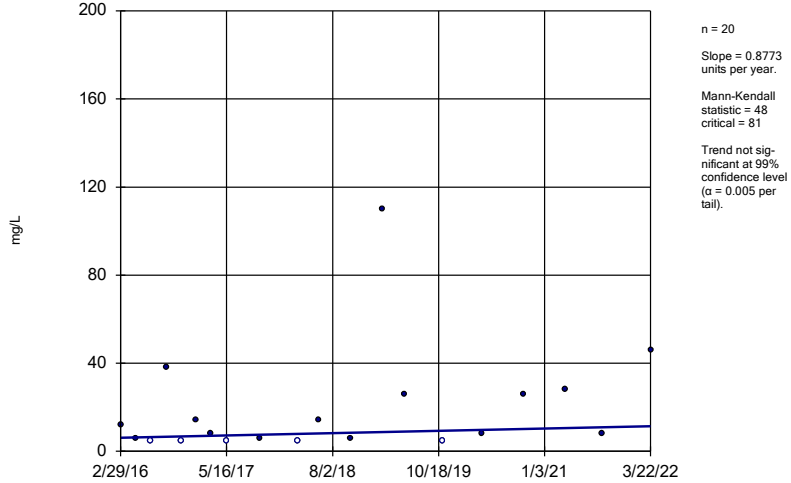
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

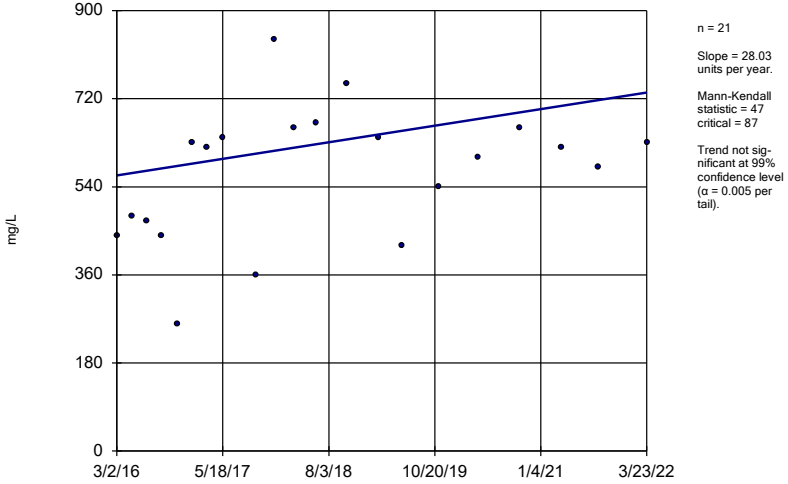
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

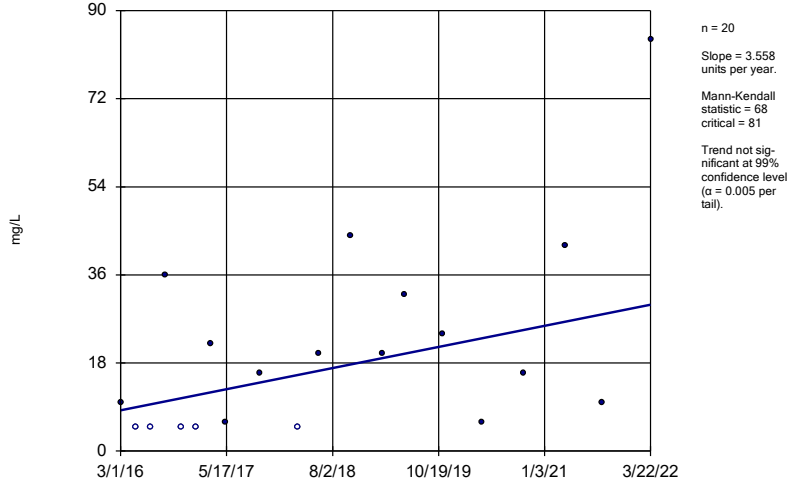
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

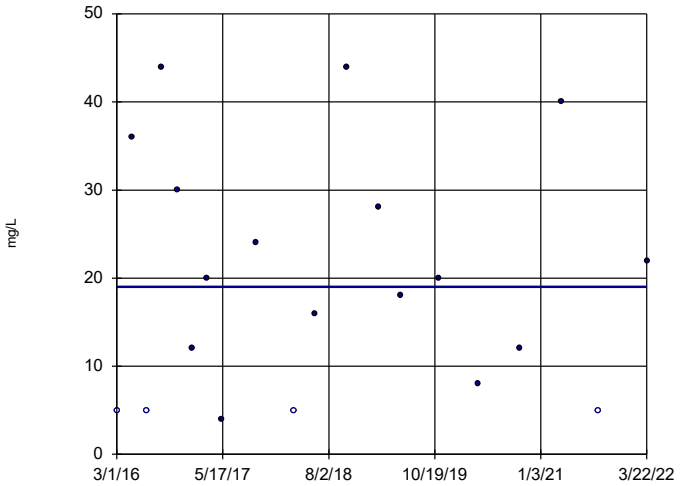
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

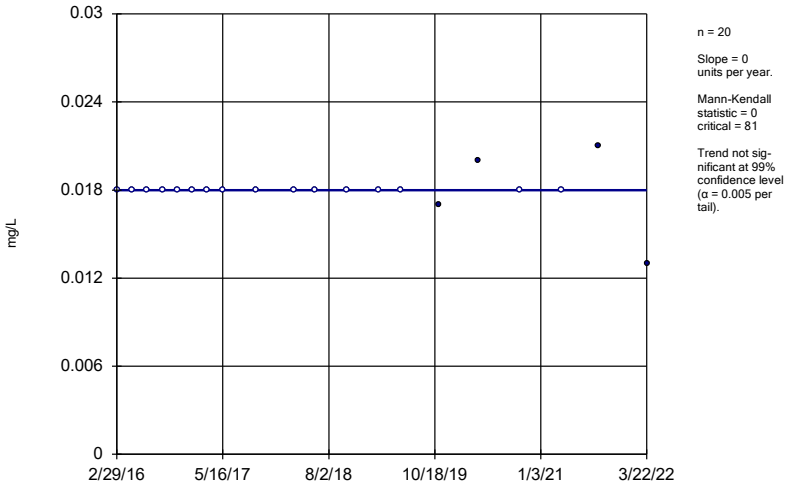
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 12:34 PM

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

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-100 (bg)



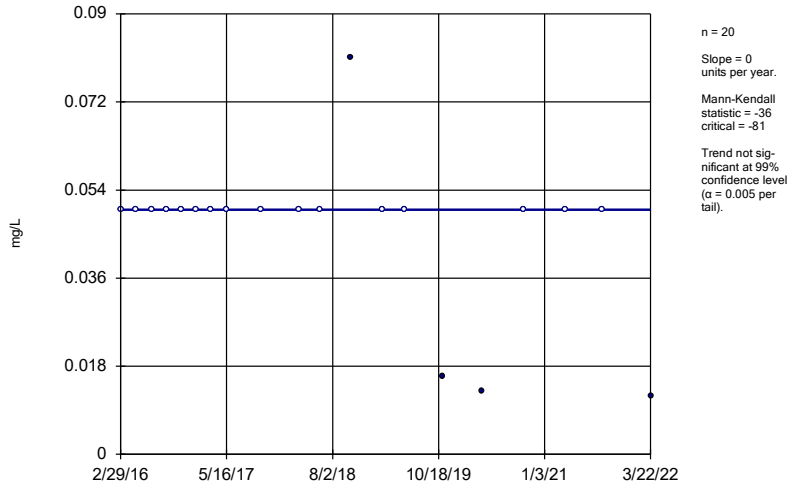
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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)



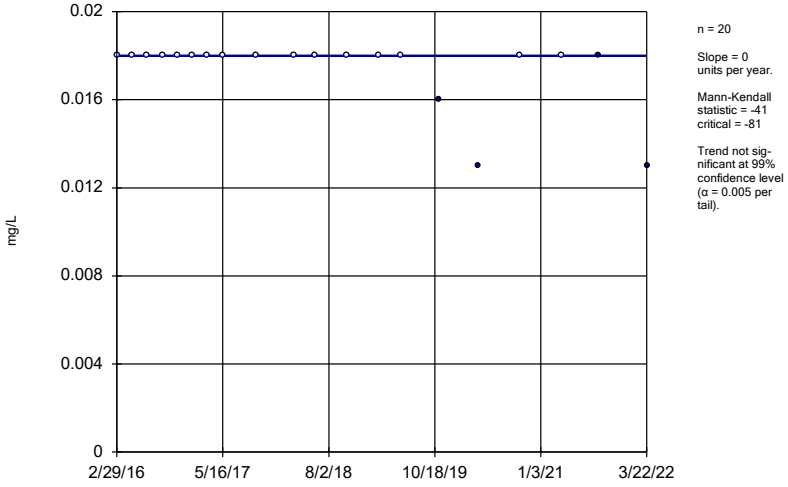
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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)



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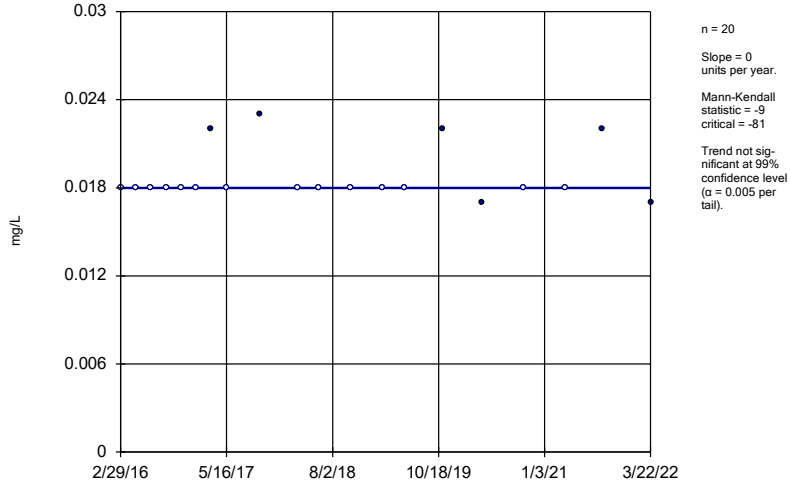
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-108 (bg)



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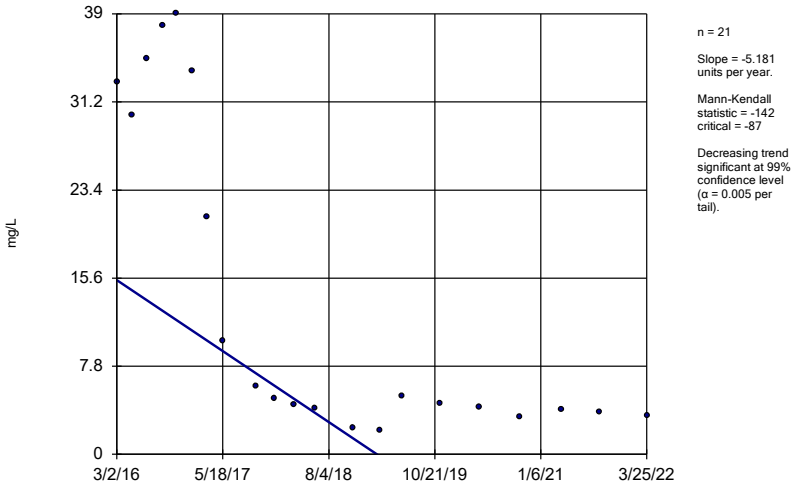
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-201



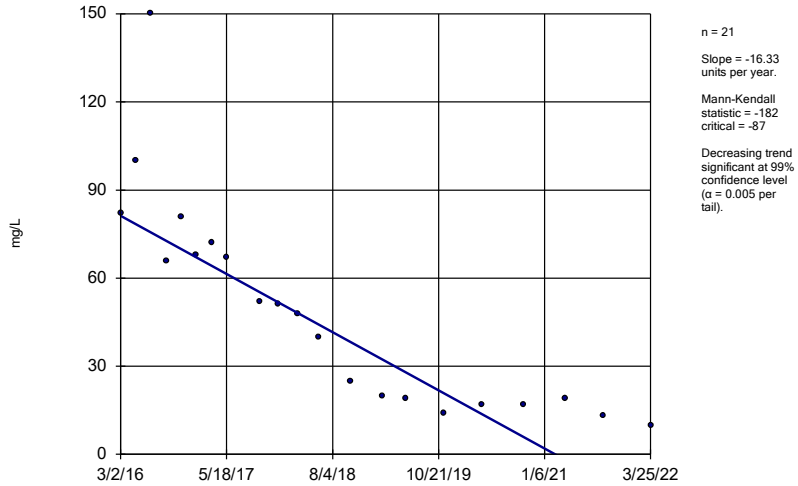
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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



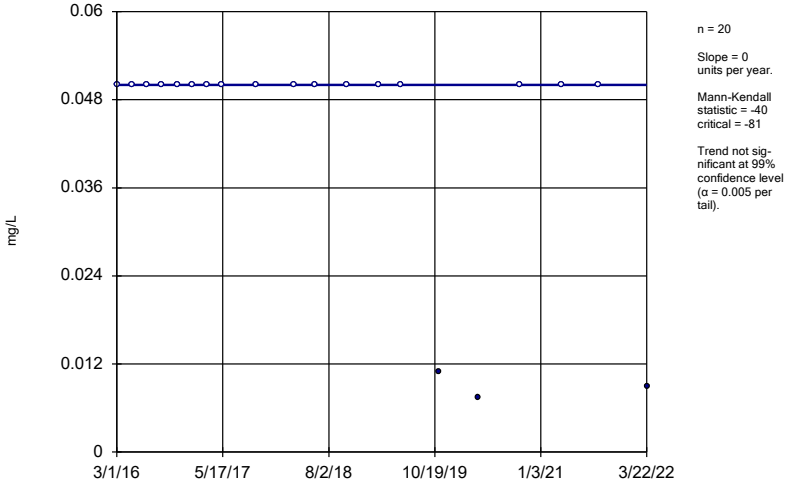
Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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)



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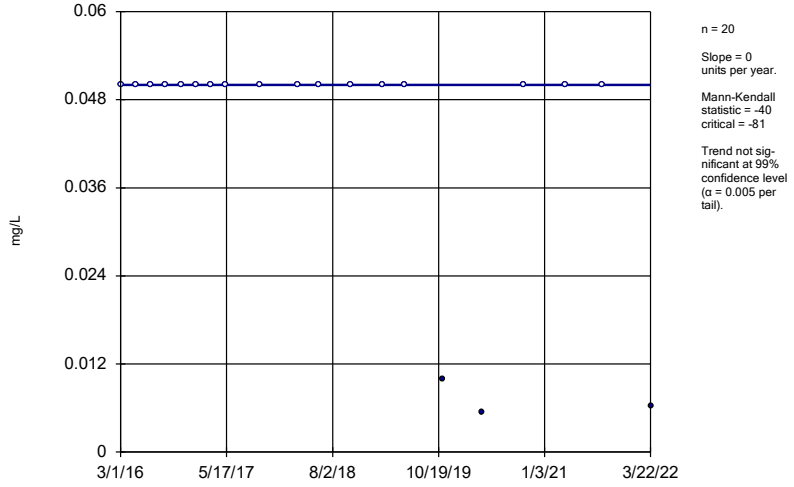
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

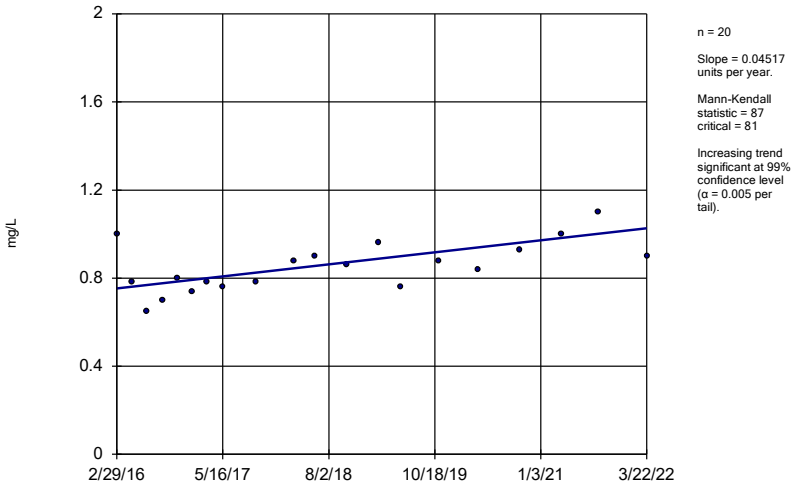


Constituent: Boron Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

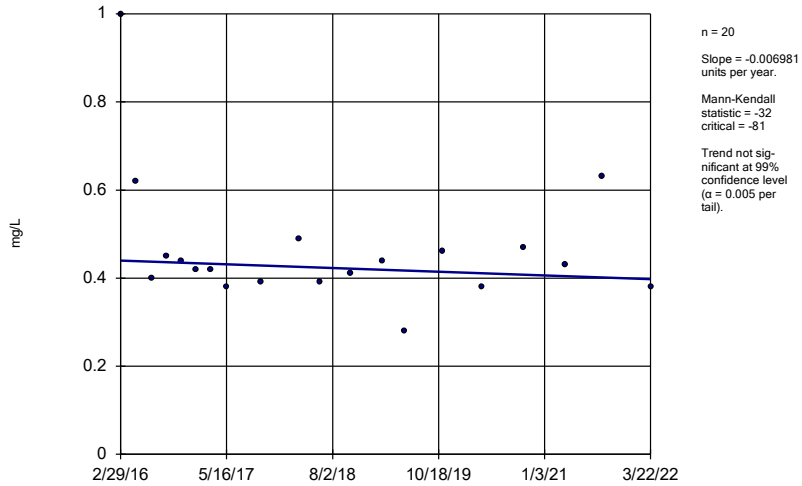
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

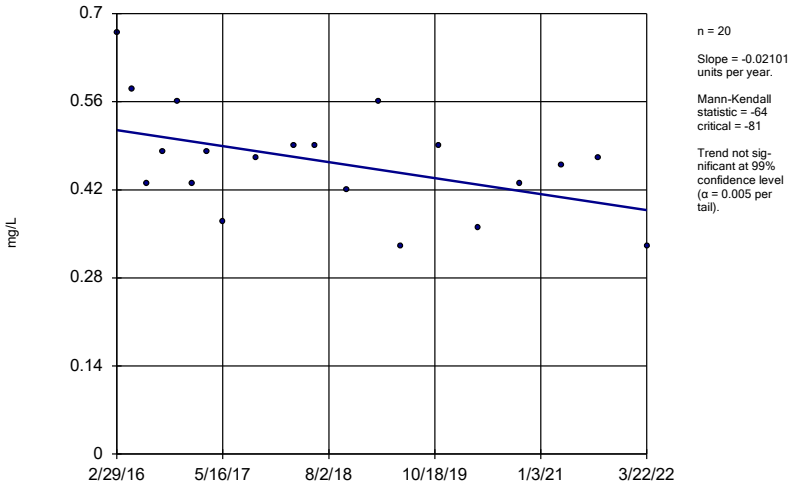
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

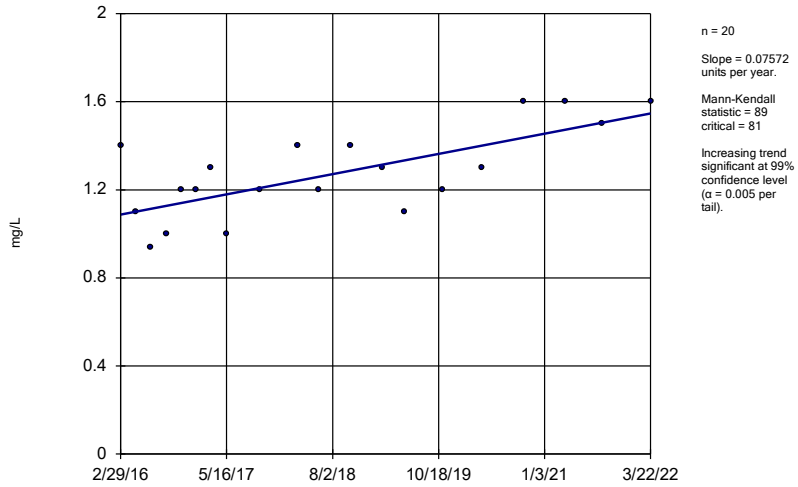
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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

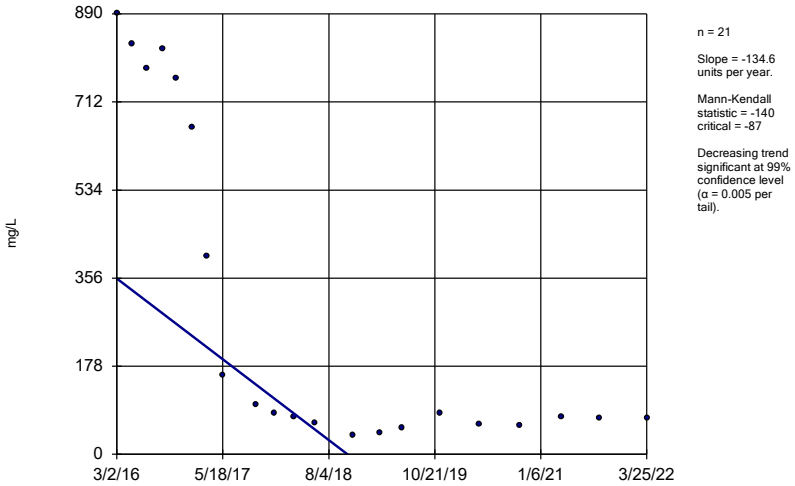
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

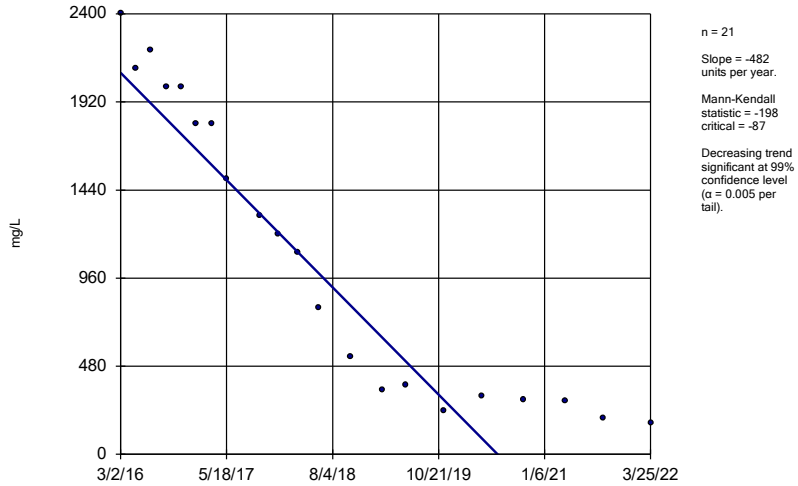
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

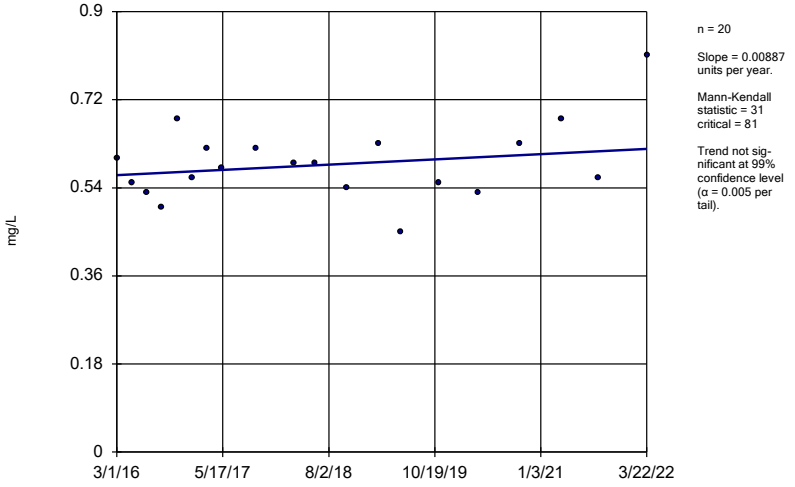
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

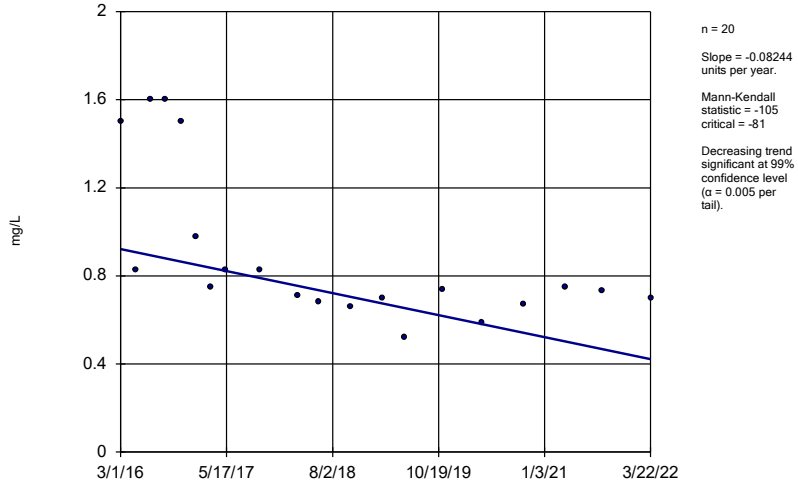
Constituent: Calcium Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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

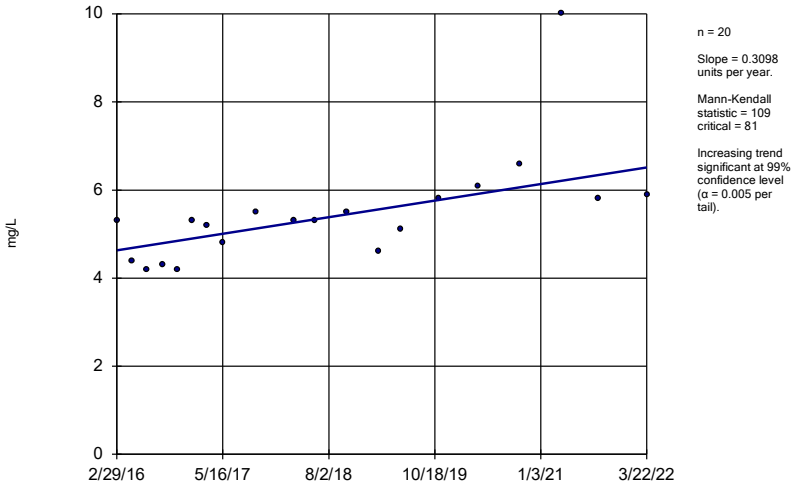
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

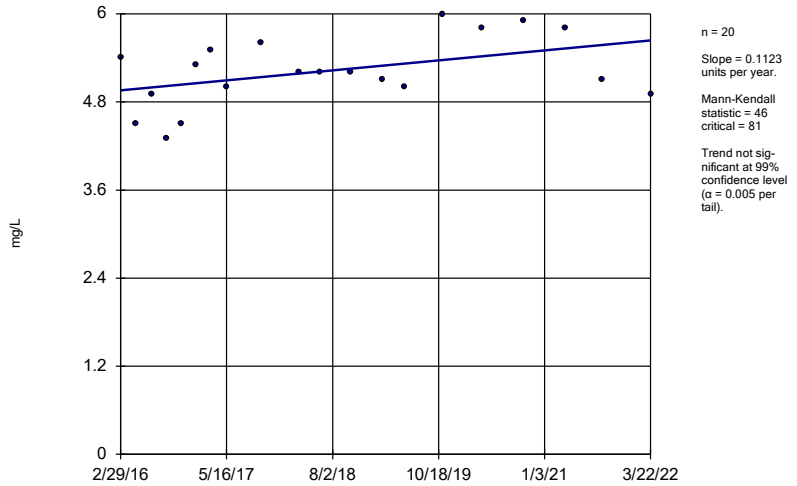
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

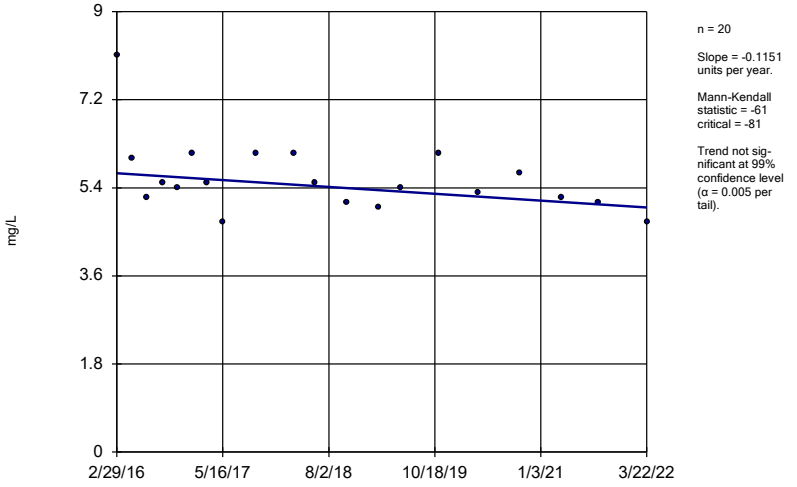
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

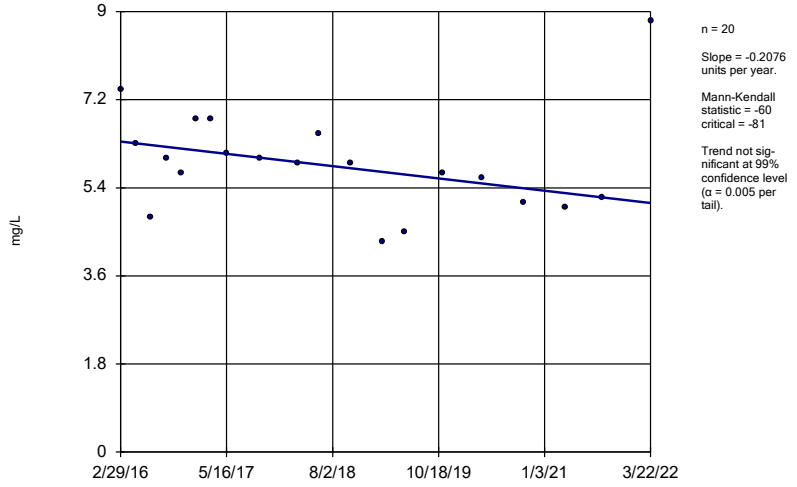
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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

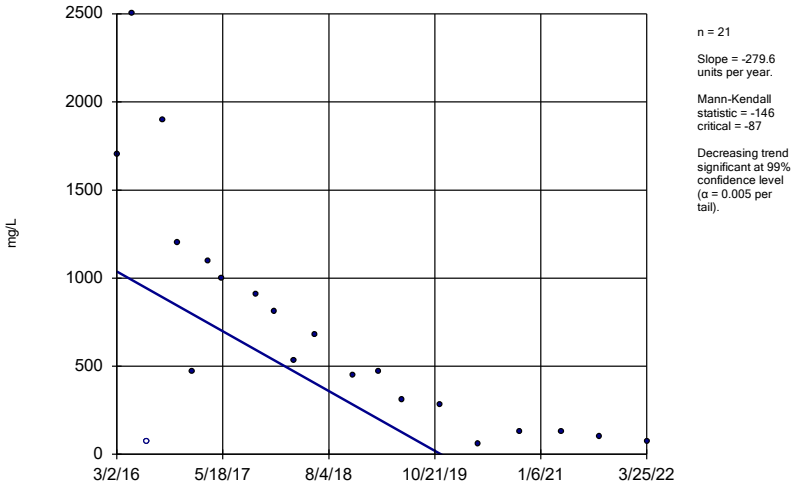
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

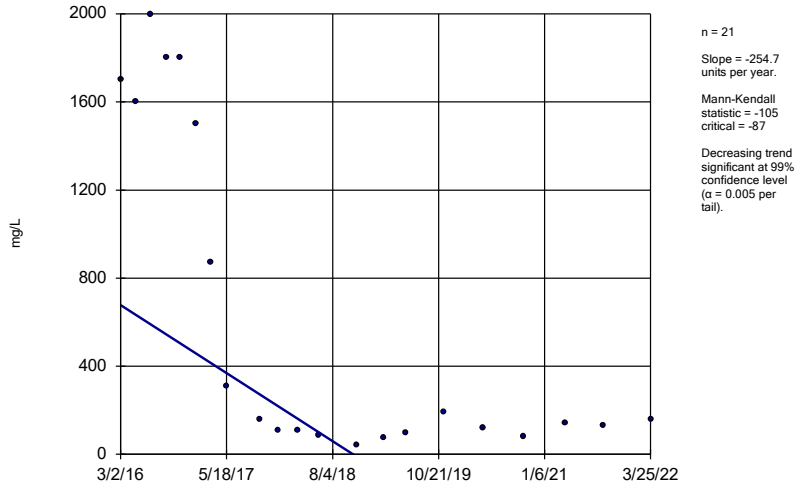
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

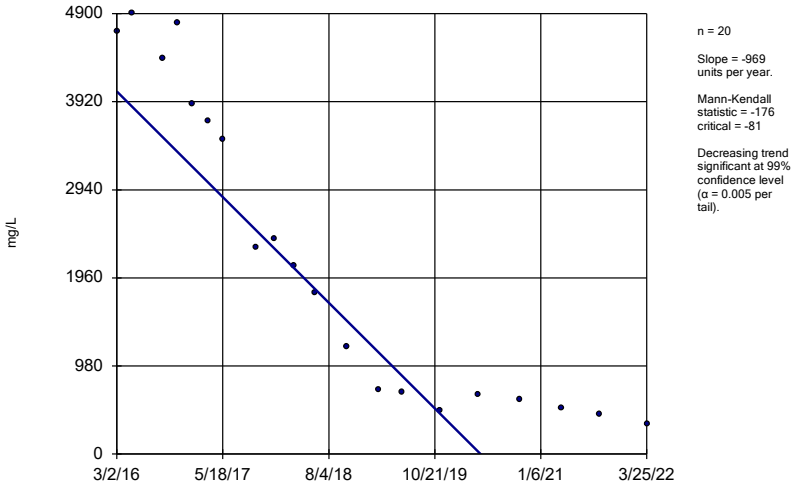
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

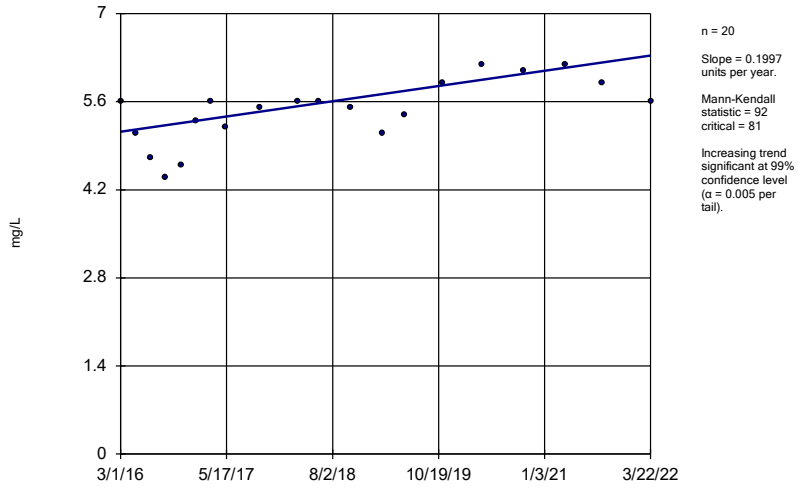
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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

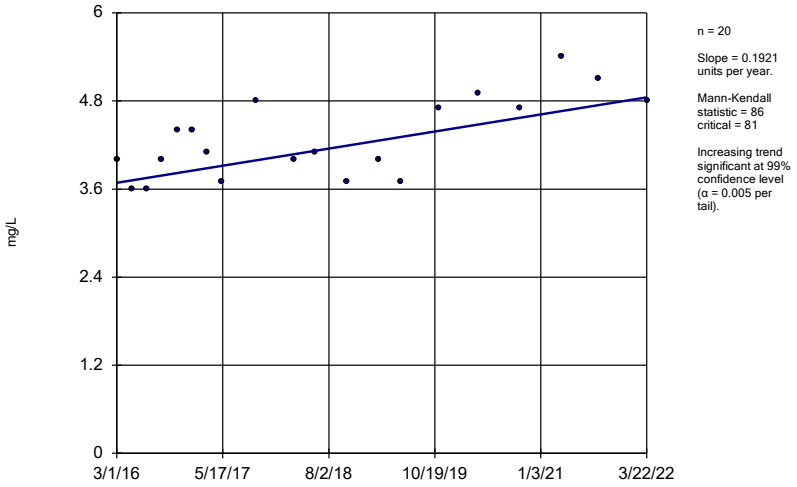
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

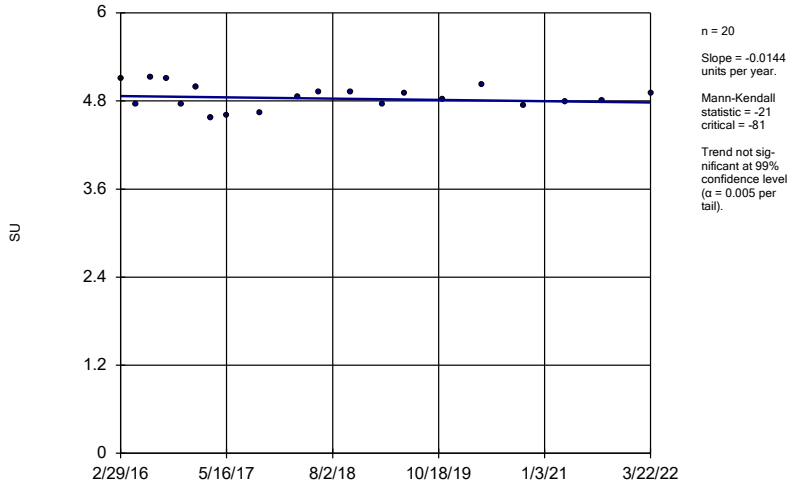
Constituent: Chloride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

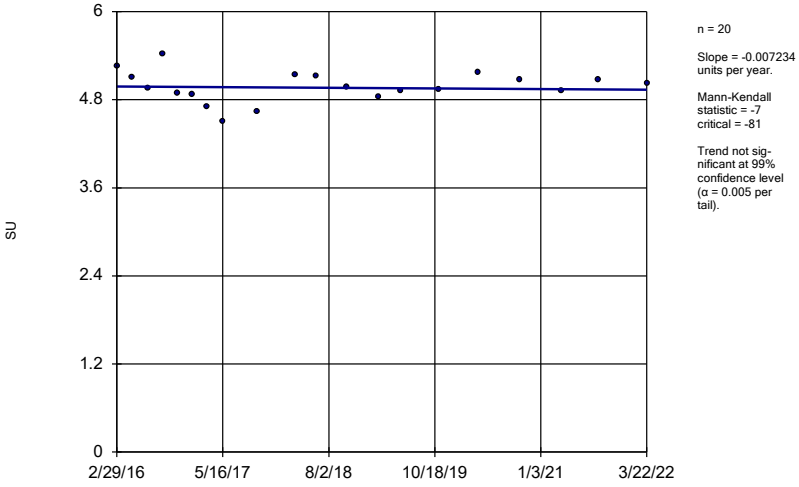
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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 sig-nificant at 99% confidence level (α = 0.005 per tail).

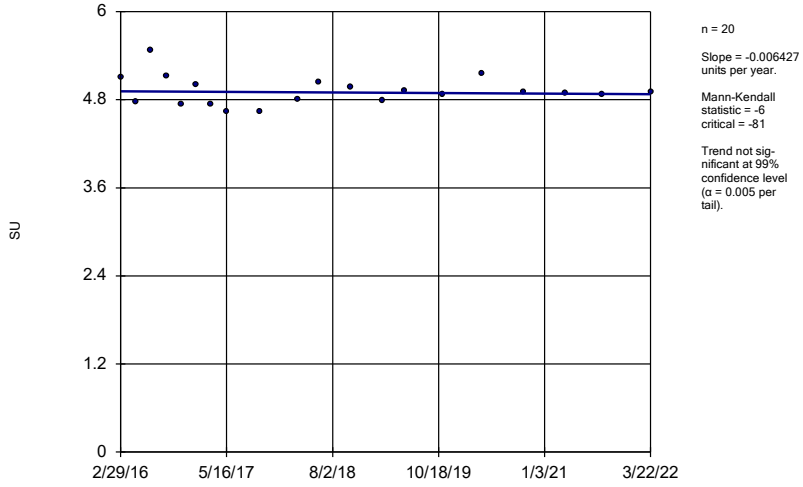
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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

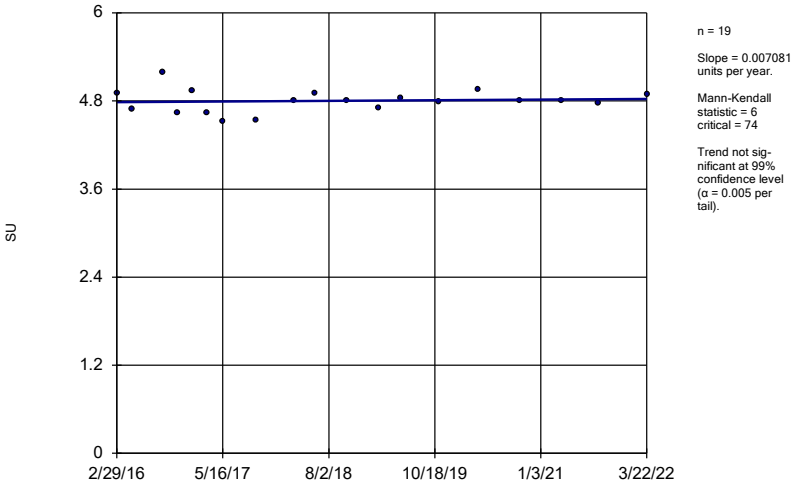
Trend not sig-nificant at 99% confidence level (α = 0.005 per tail).

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).

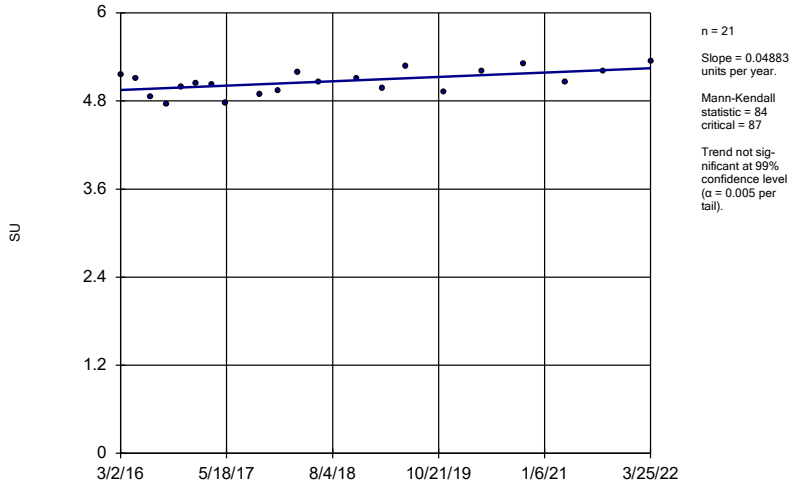
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

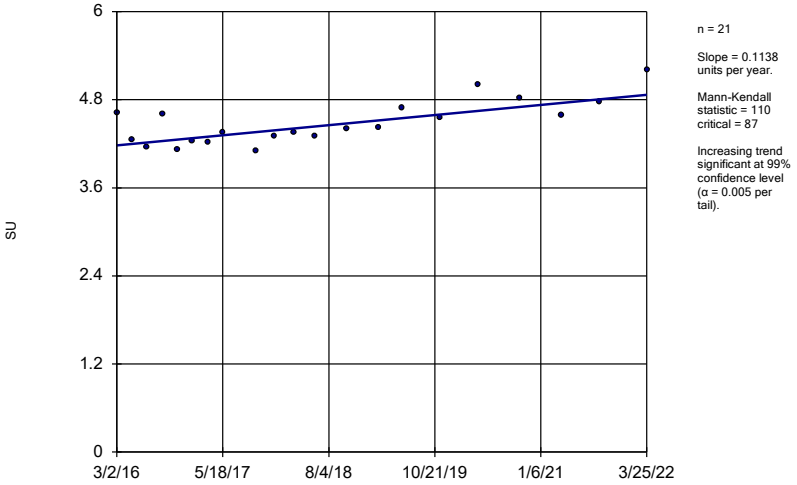
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

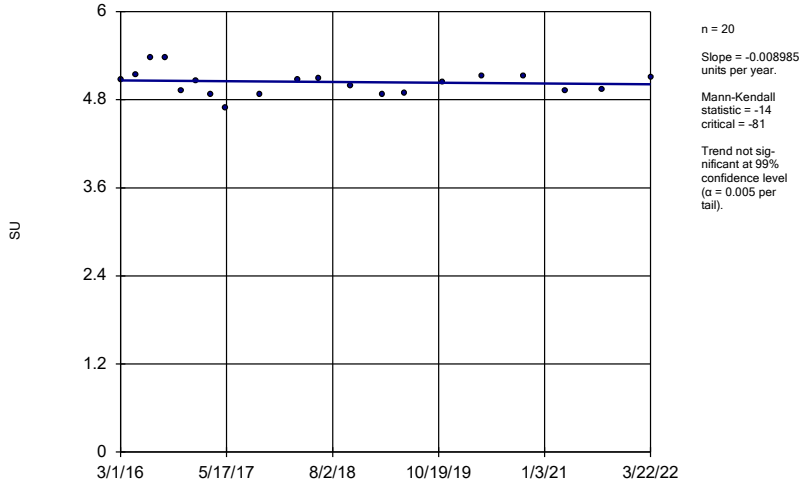
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

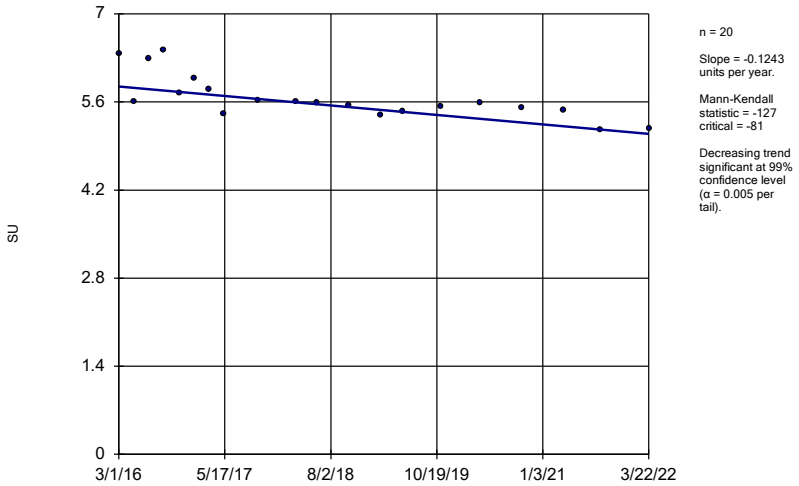
Constituent: Field pH Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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

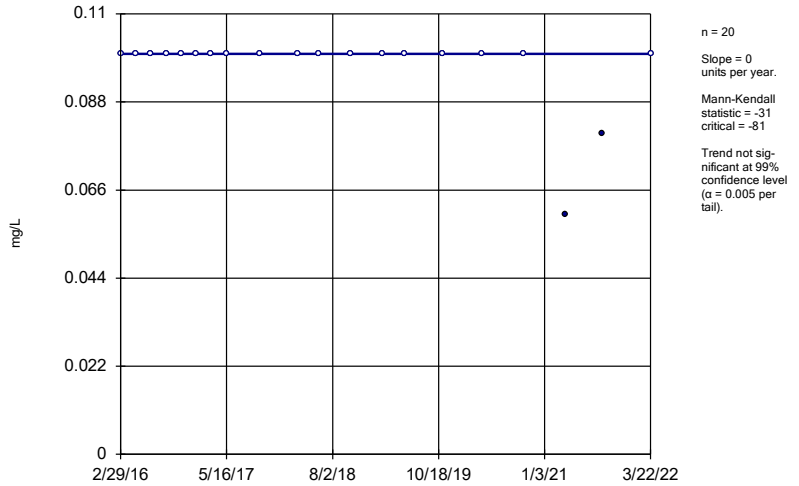
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

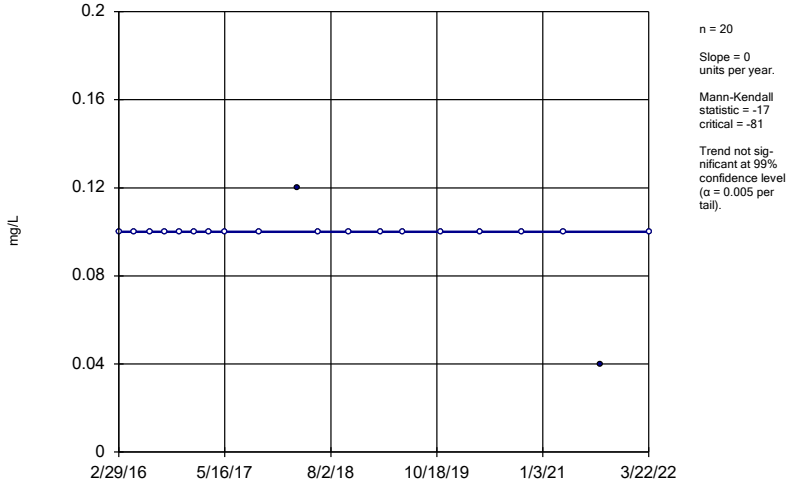
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

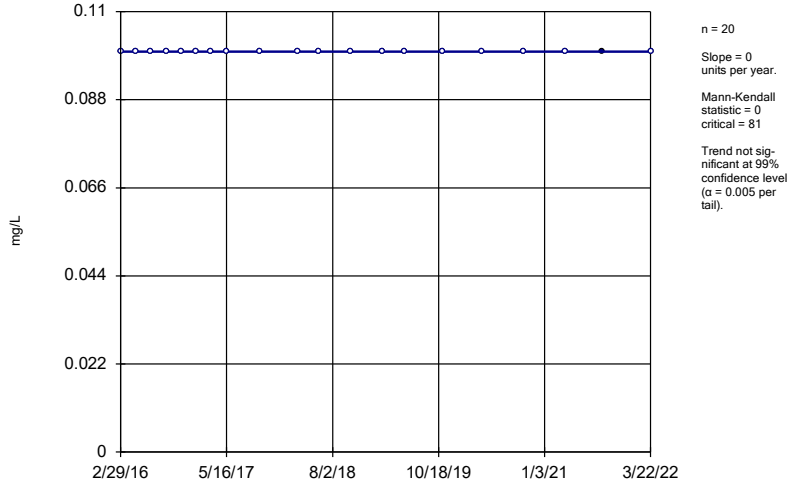
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-107 (bg)



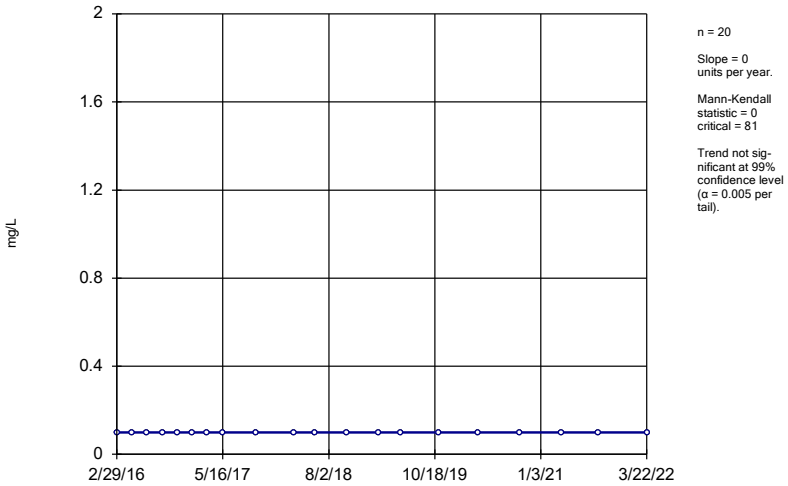
Constituent: Fluoride Analysis Run 1/12/2023 12:31 PM View: 200 Series - Trend Tests

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).

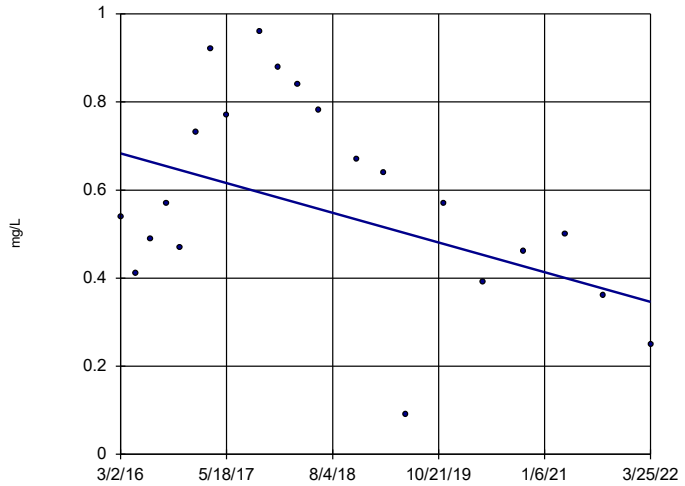
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

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).

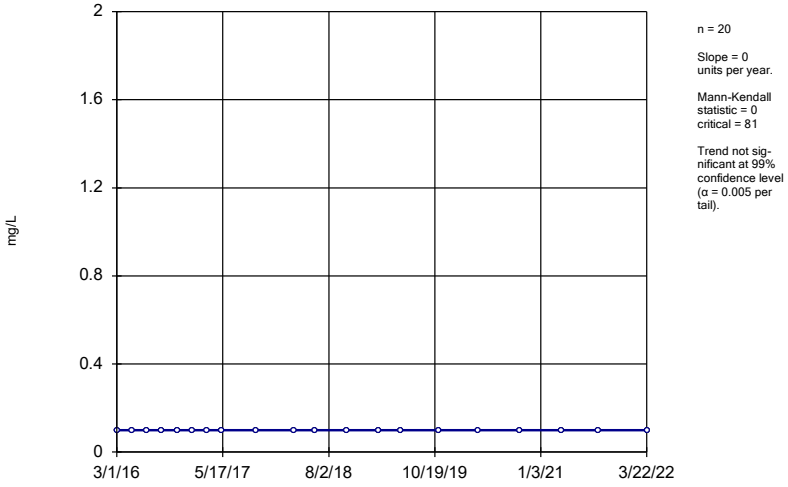
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

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).

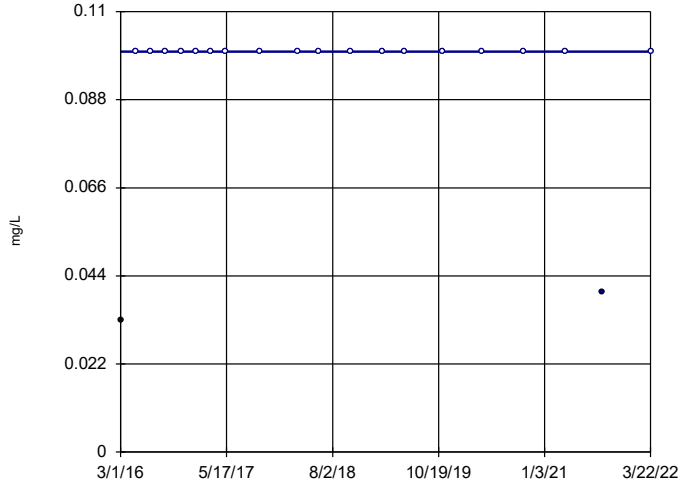
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

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).

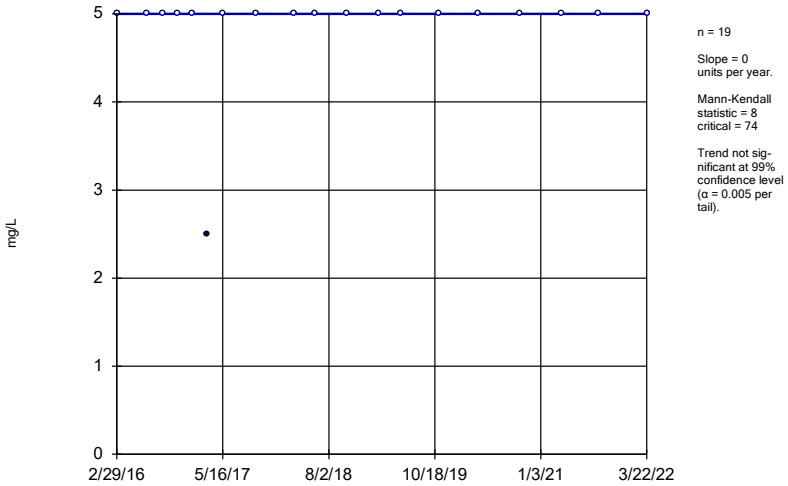
Constituent: Fluoride Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

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

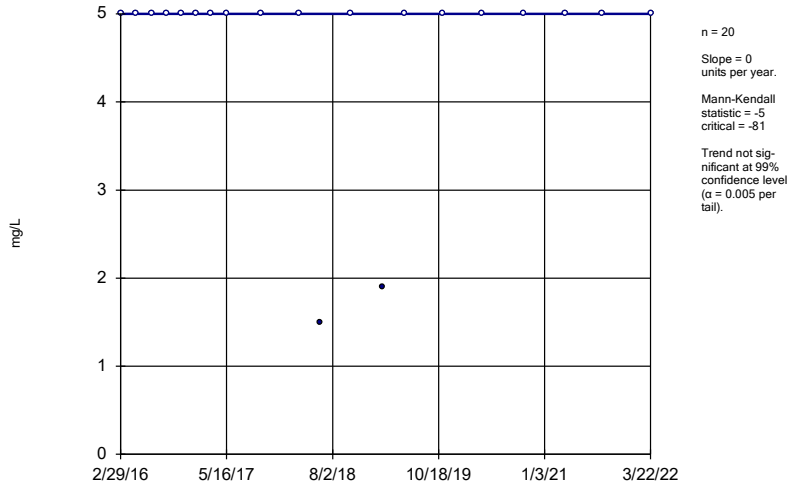
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

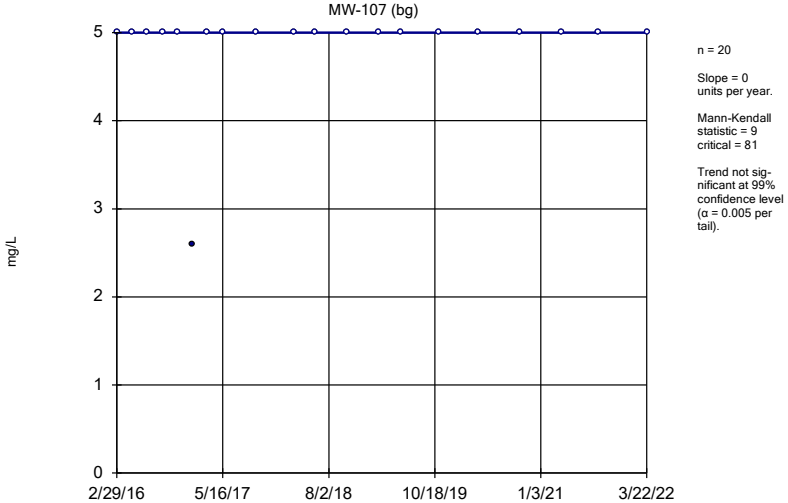
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

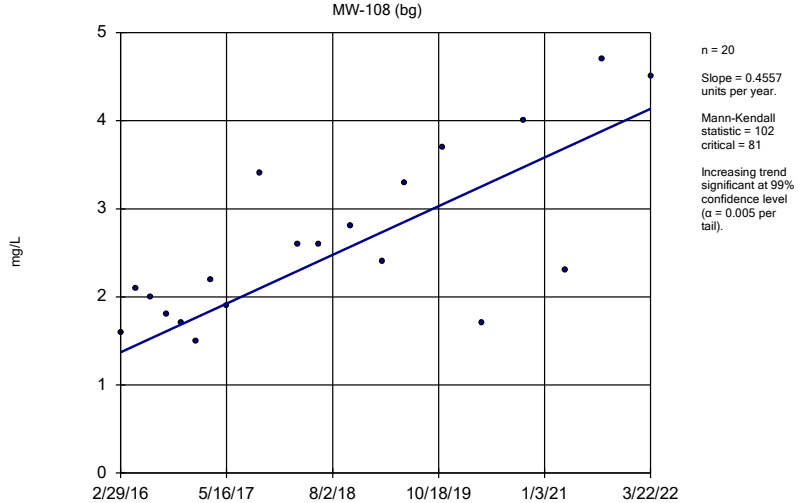
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

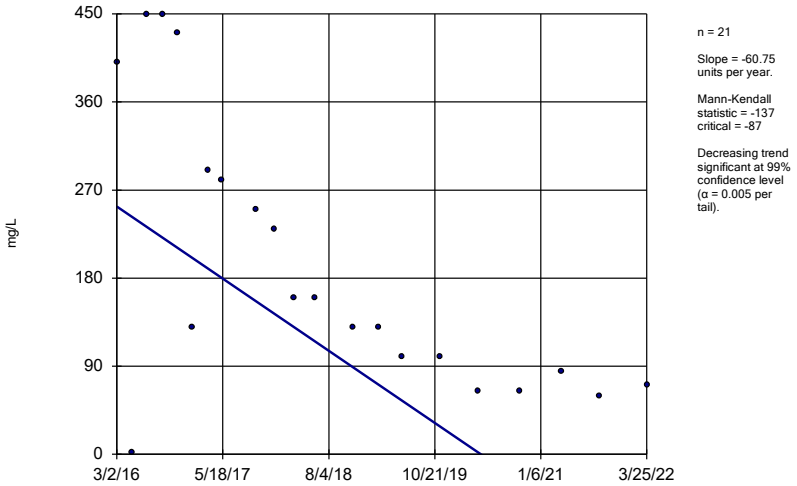
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

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

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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).

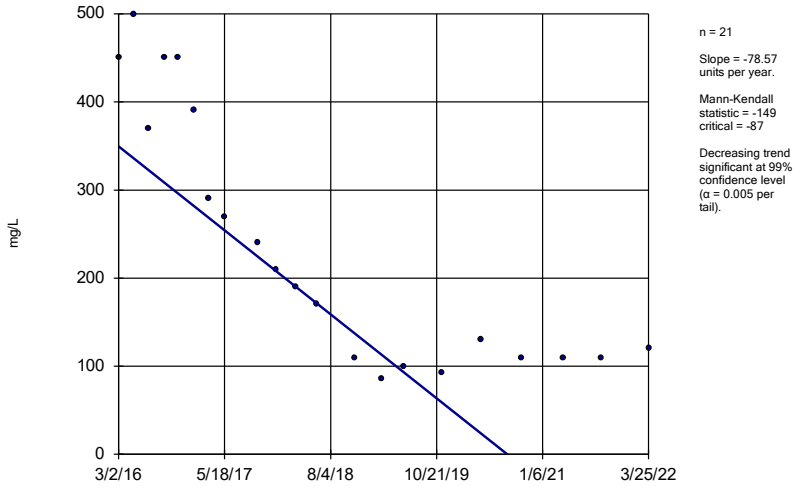
Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

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).

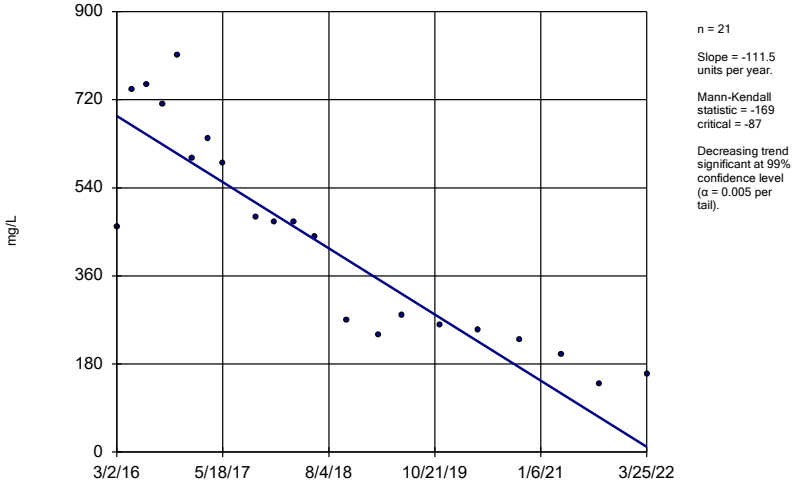
Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

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

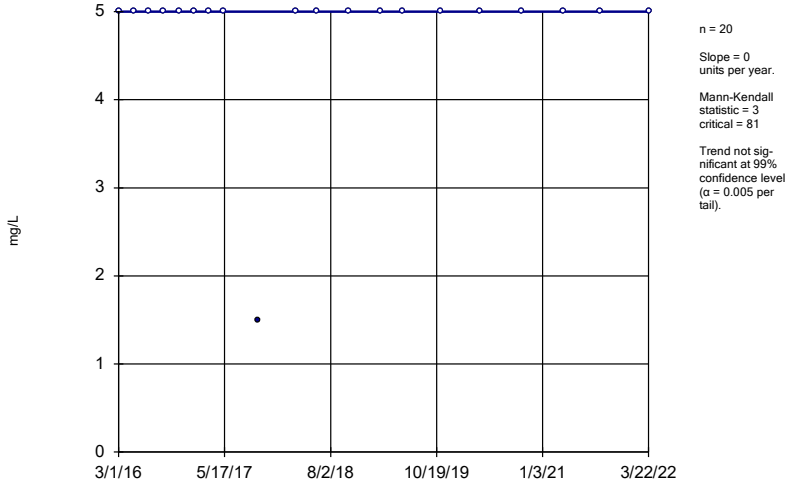
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

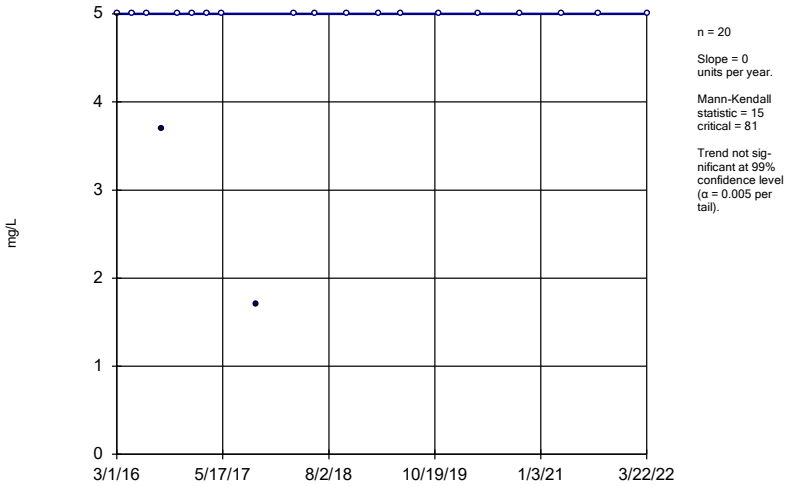
Constituent: Sulfate Analysis Run 1/12/2023 12:32 PM View: 200 Series - Trend Tests

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

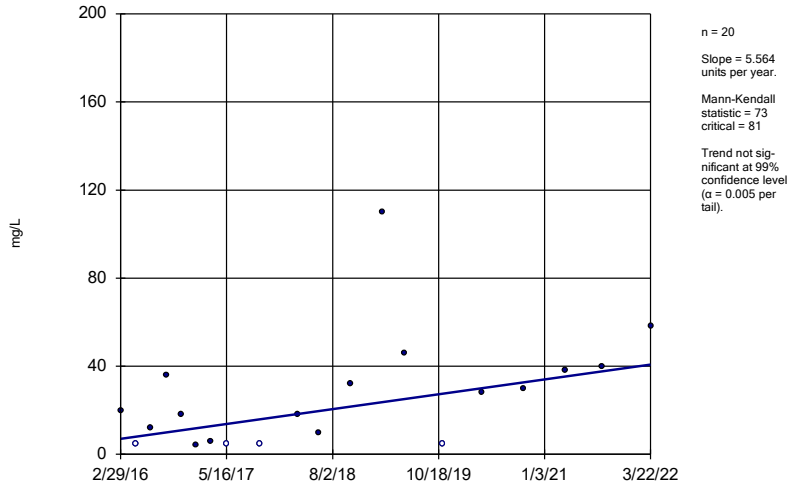
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

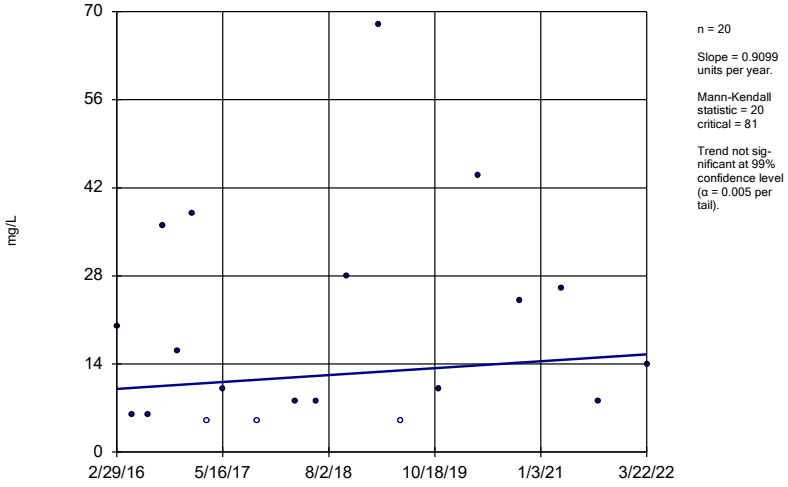
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

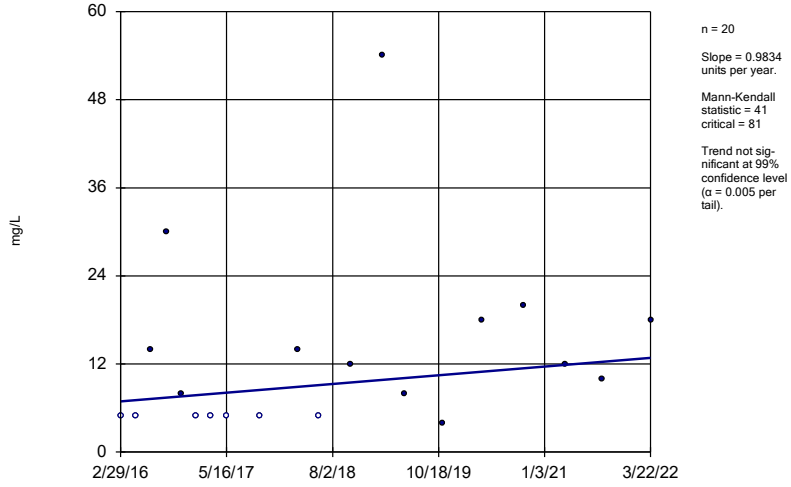
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

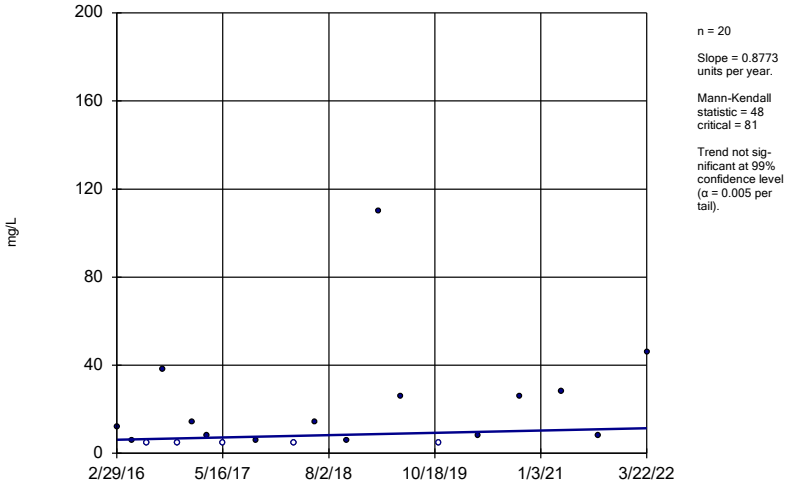
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

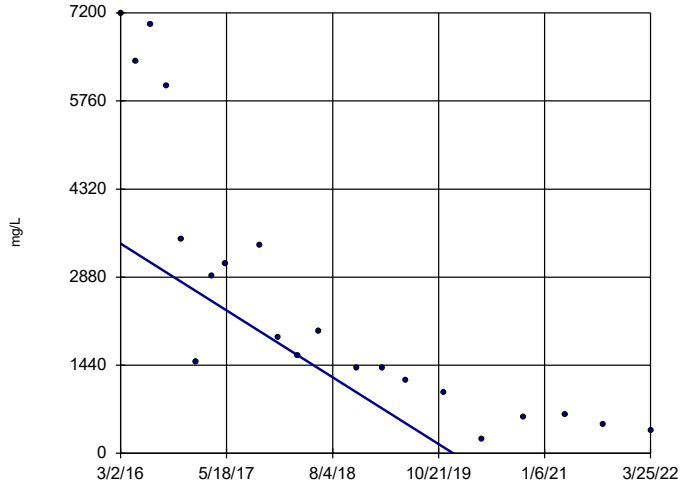
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

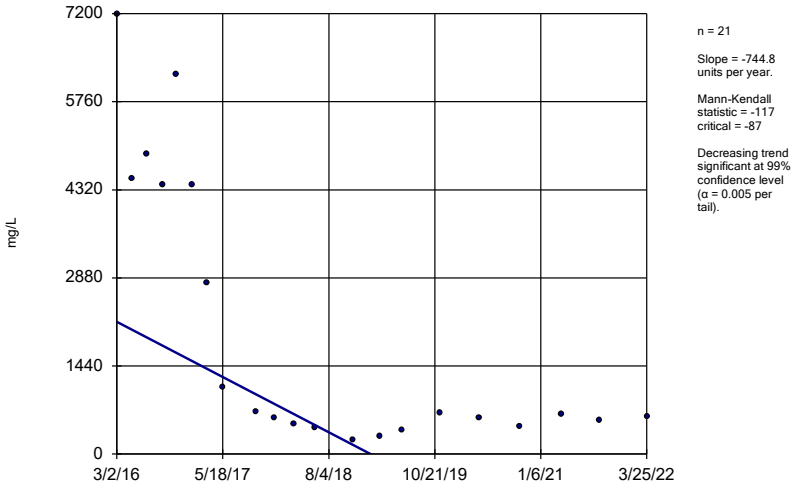
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

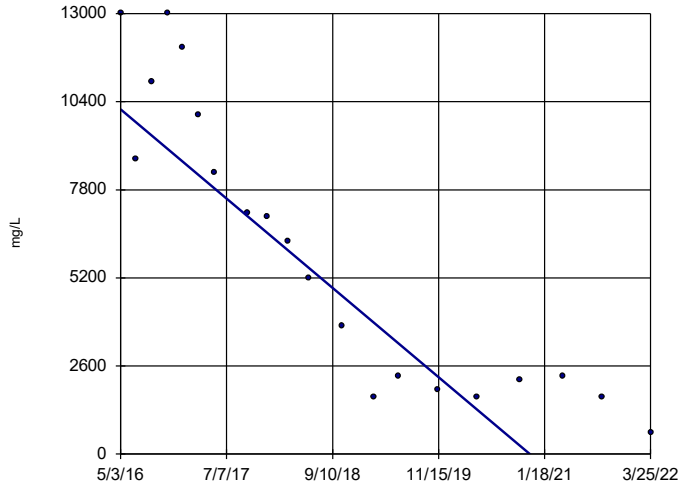
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

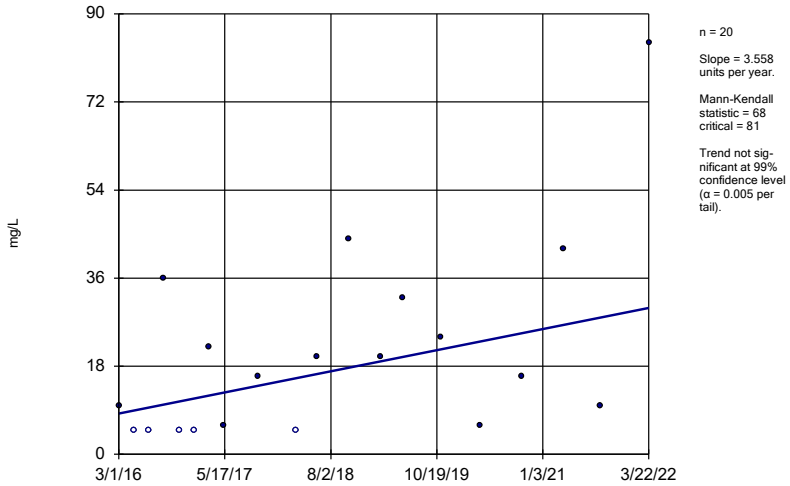
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

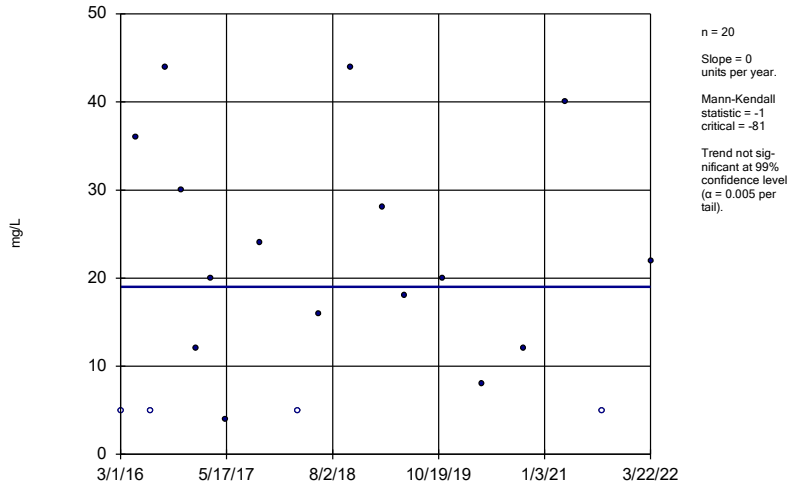
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

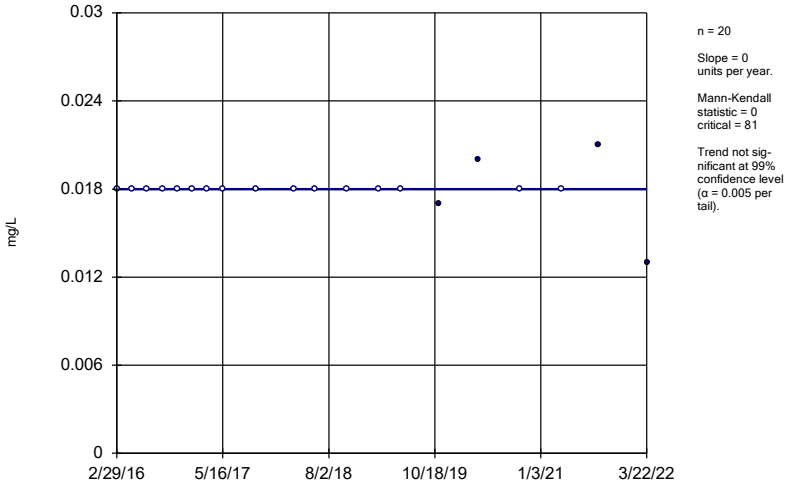
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/12/2023, 1:58 PM

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)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 81

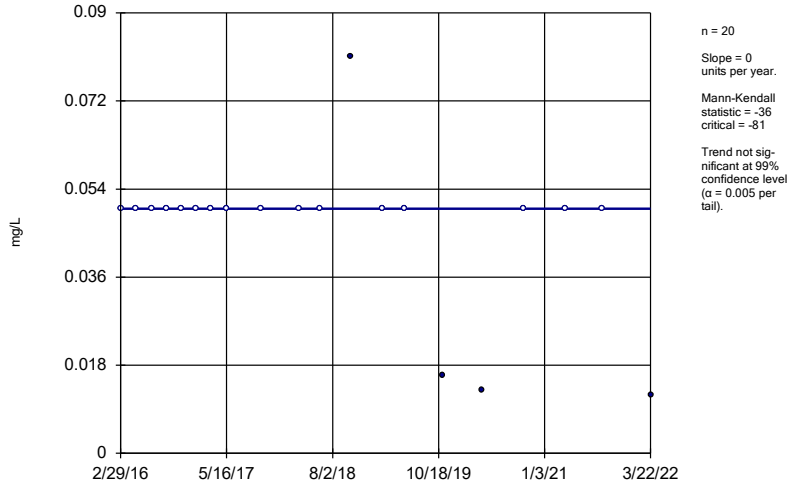
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 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 = -36
critical = -81

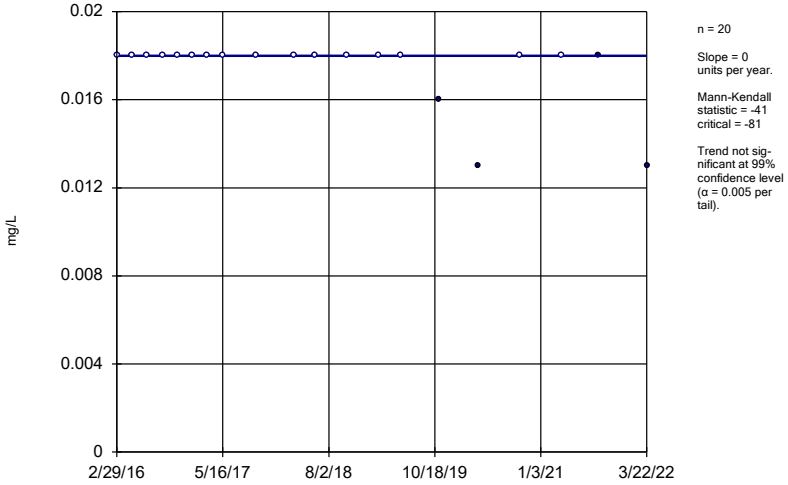
Trend not significant at 99% confidence level (α = 0.005 per tail).

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-107 (bg)



n = 20

Slope = 0 units per year.

Mann-Kendall statistic = -41
critical = -81

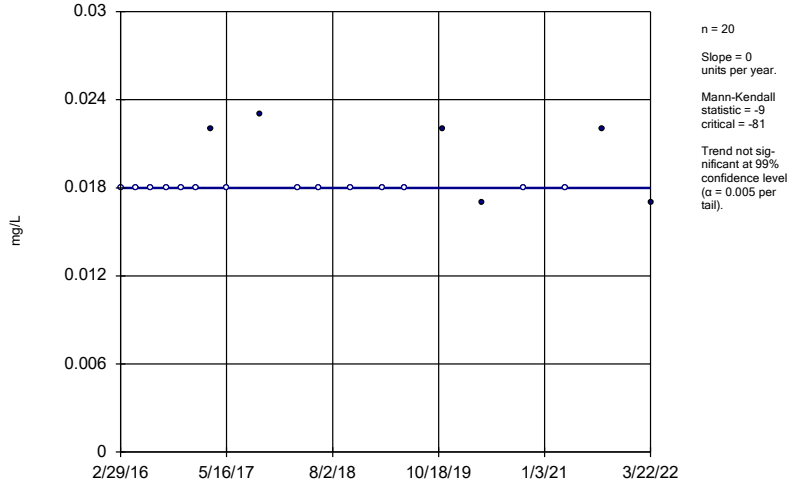
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 1/12/2023 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 = -9
critical = -81

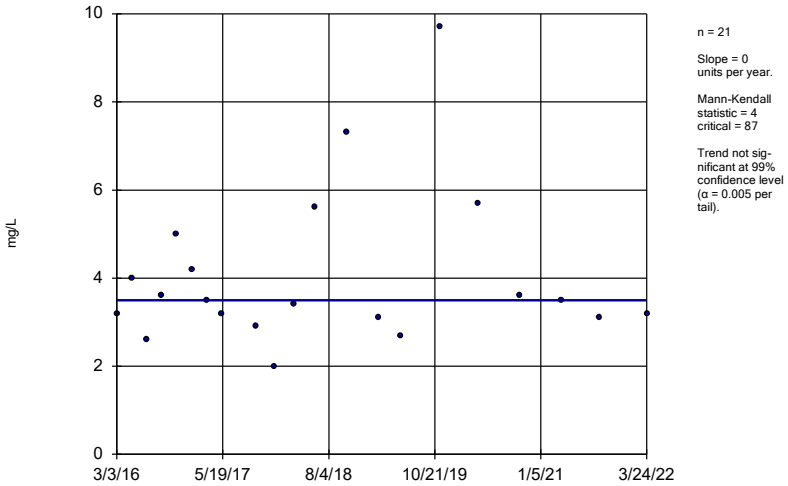
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

Sen's Slope Estimator

MW-303



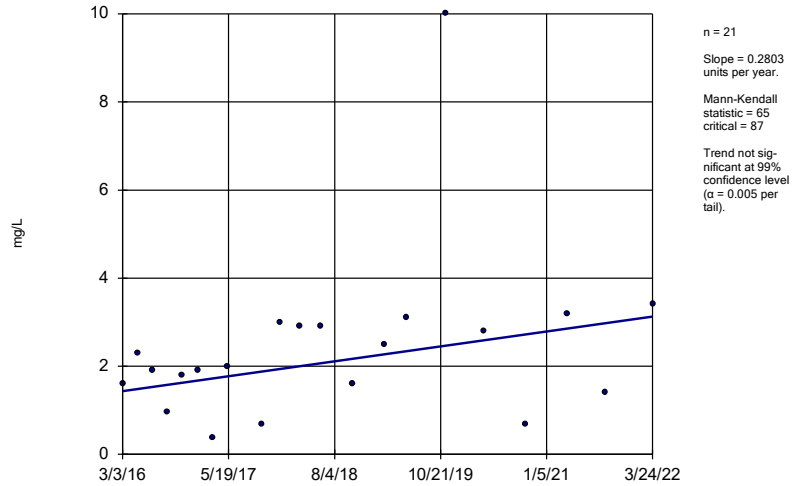
Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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



Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

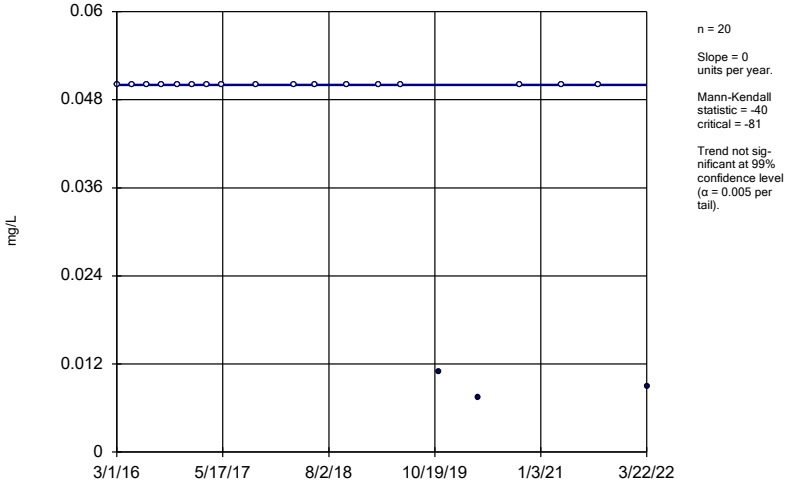
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)



Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

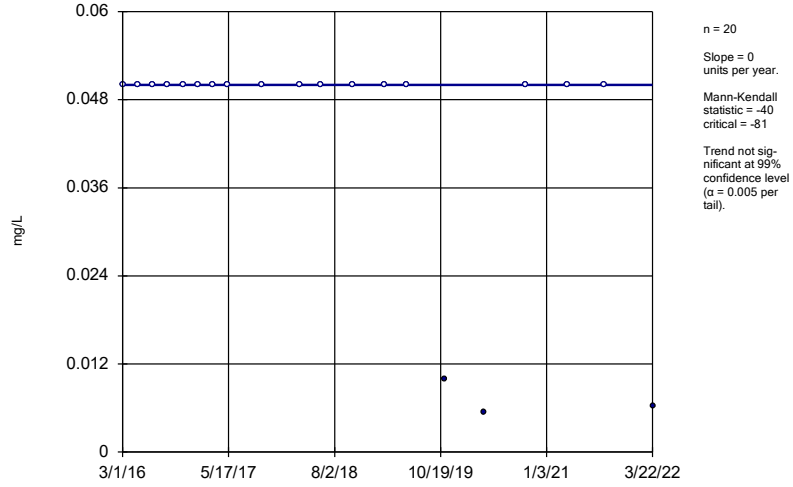
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

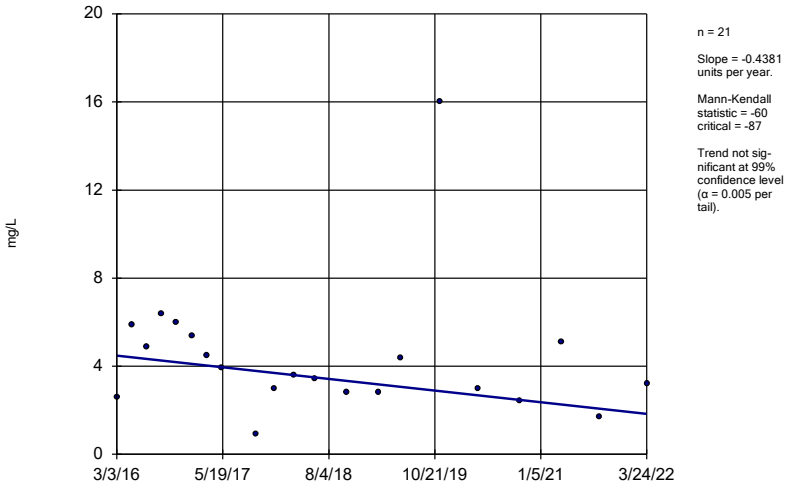


Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

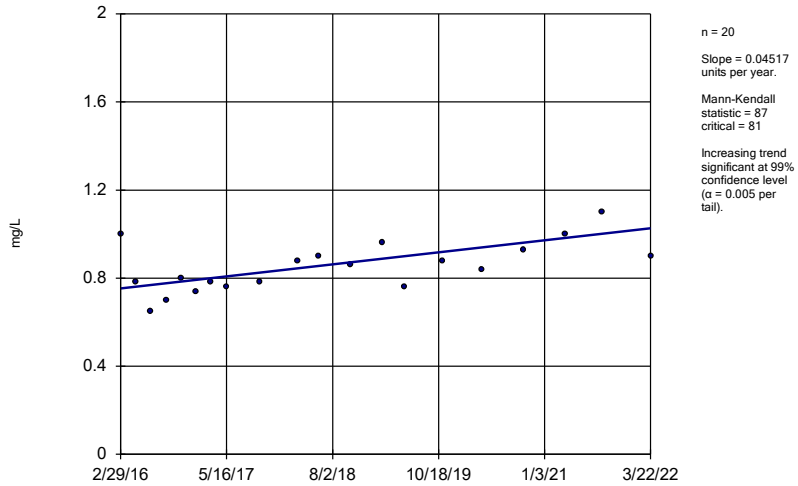
Constituent: Boron Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

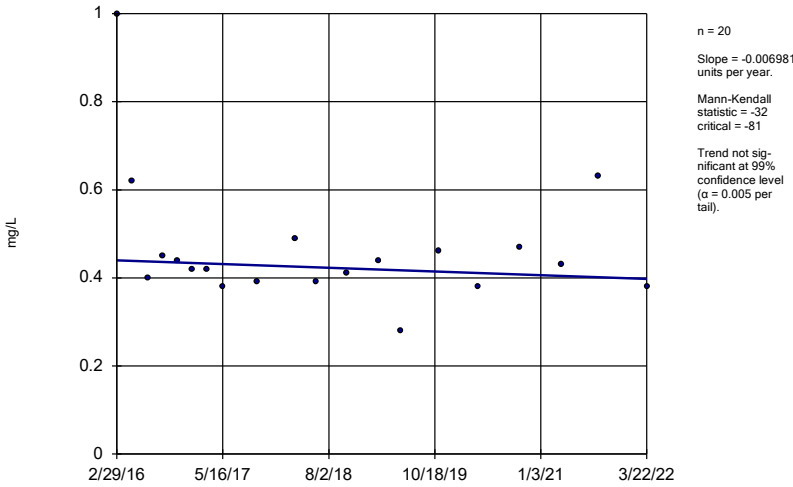
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

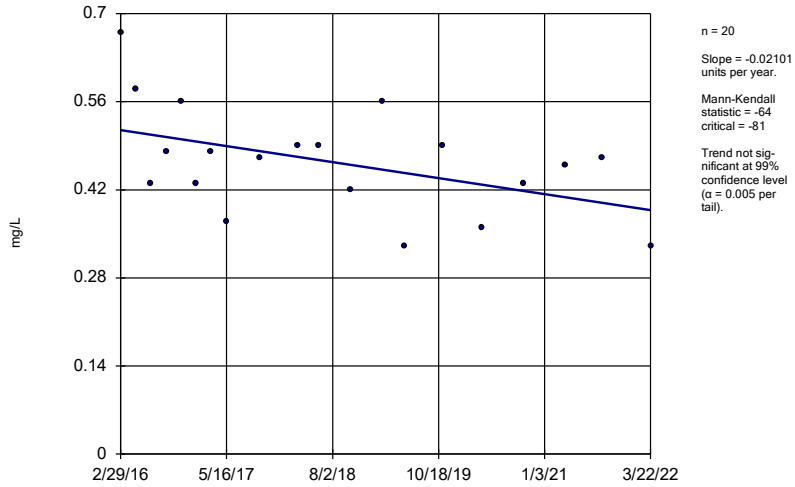
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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

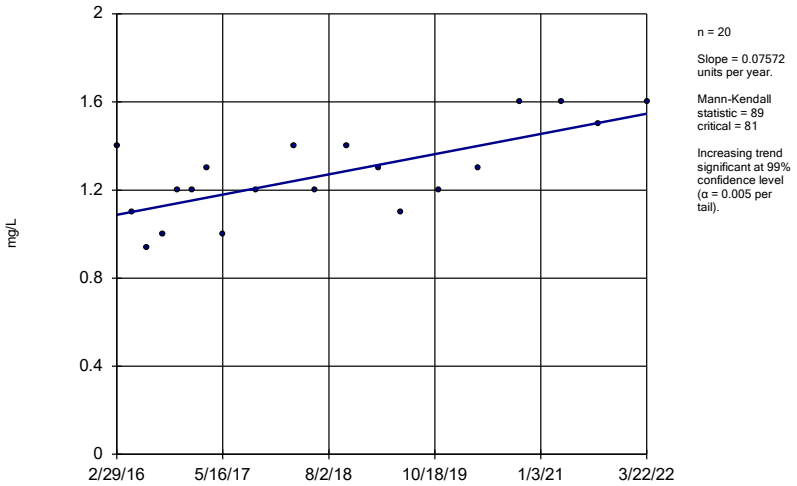
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

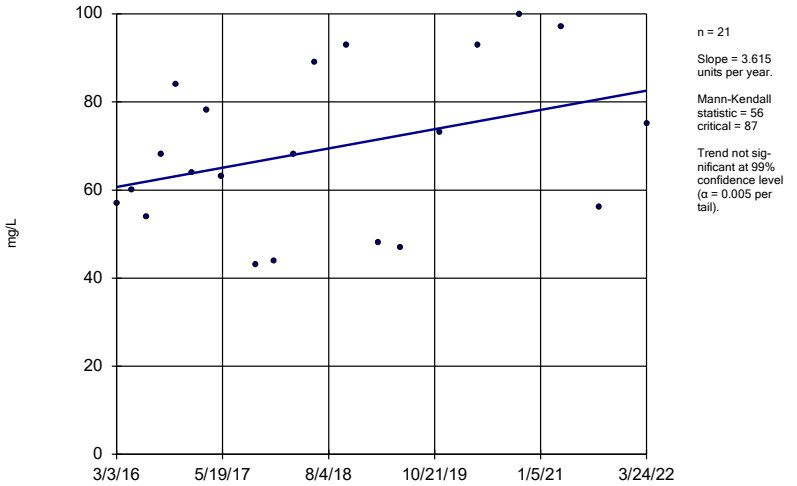
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

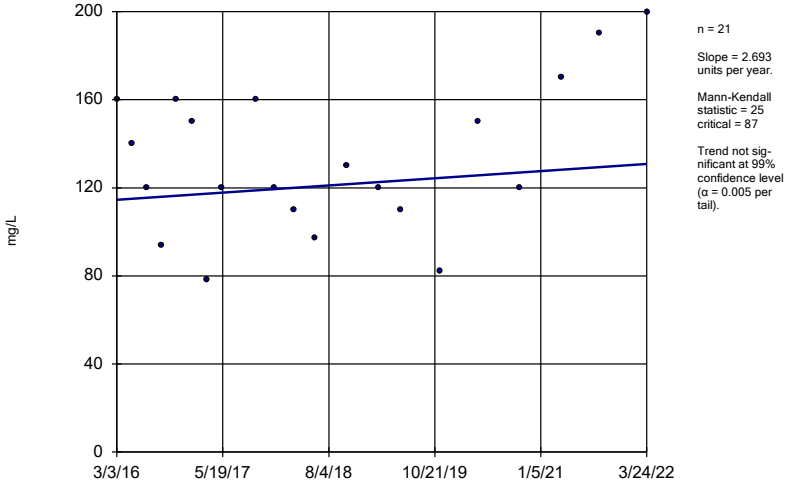
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

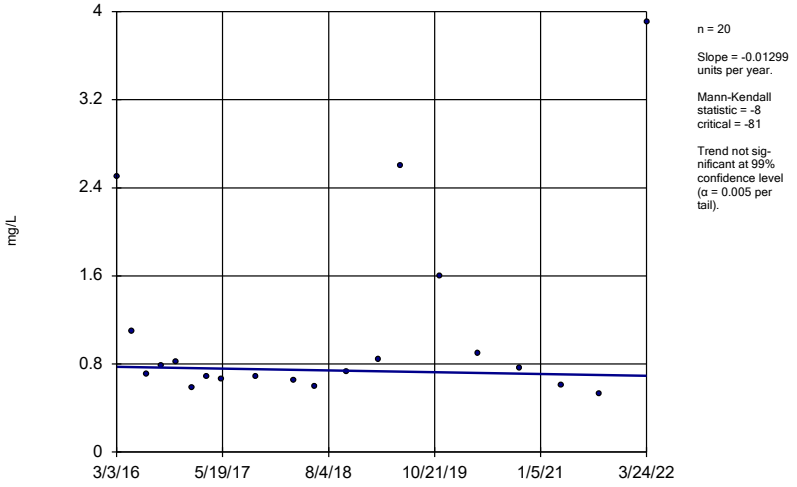
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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

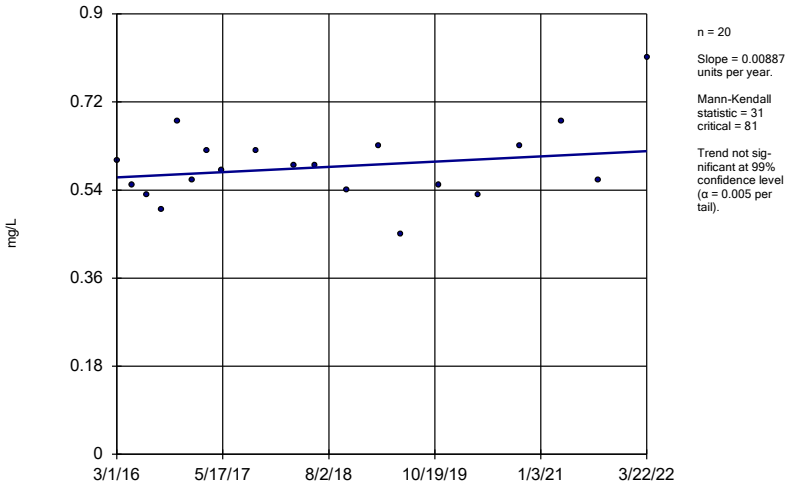
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

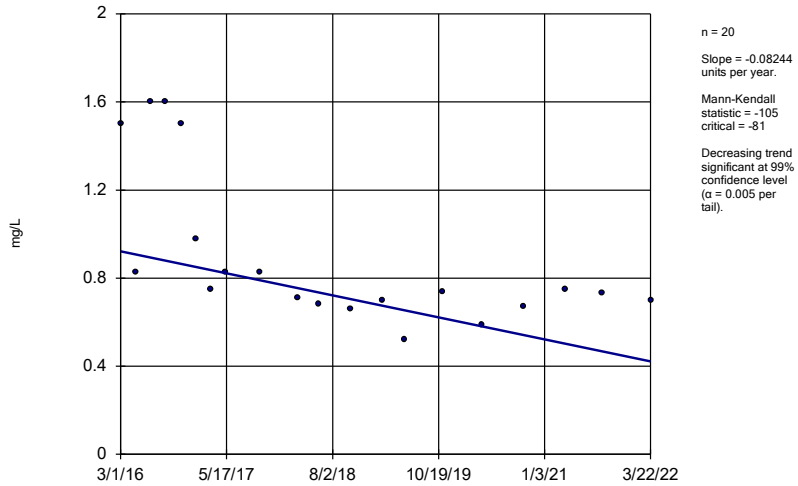
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

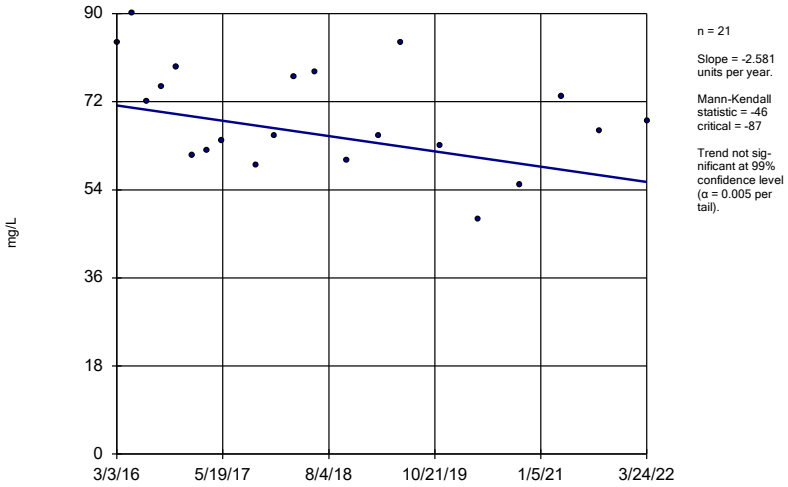
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

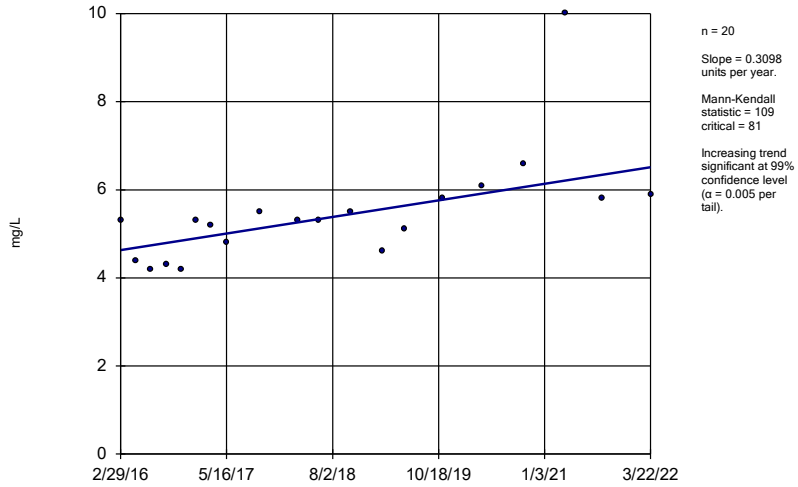
Constituent: Calcium Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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

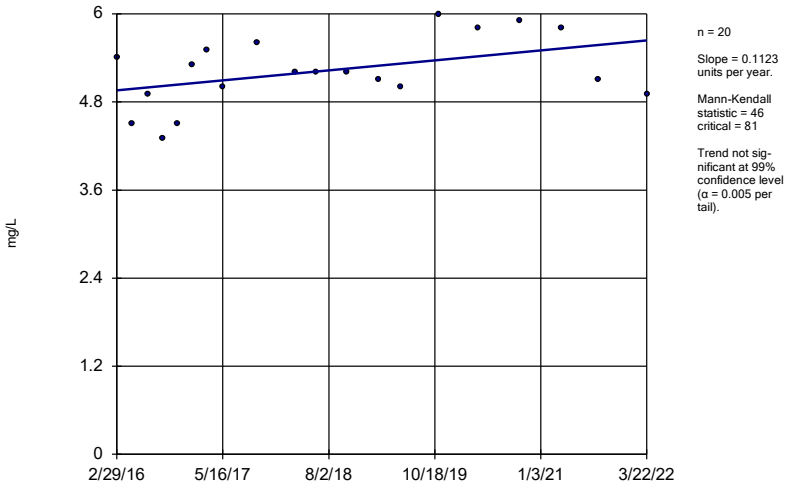
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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).

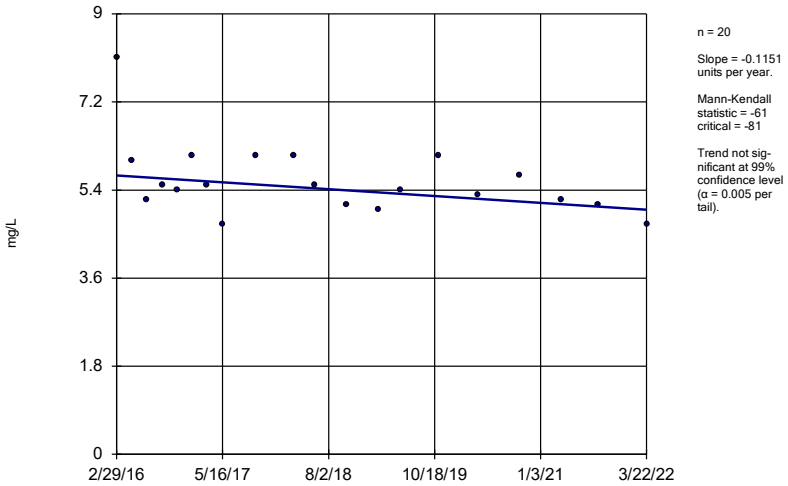
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

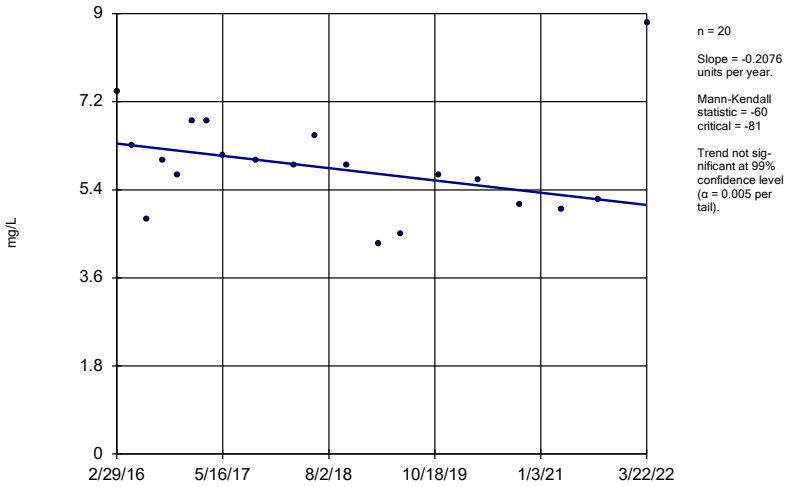
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

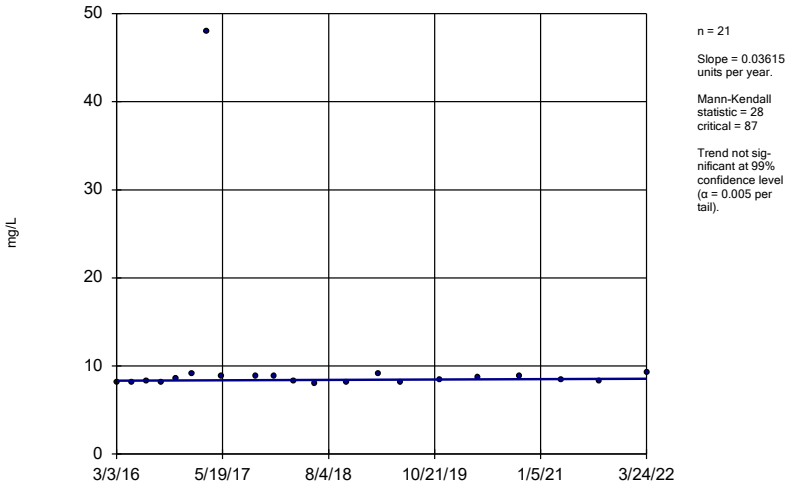
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

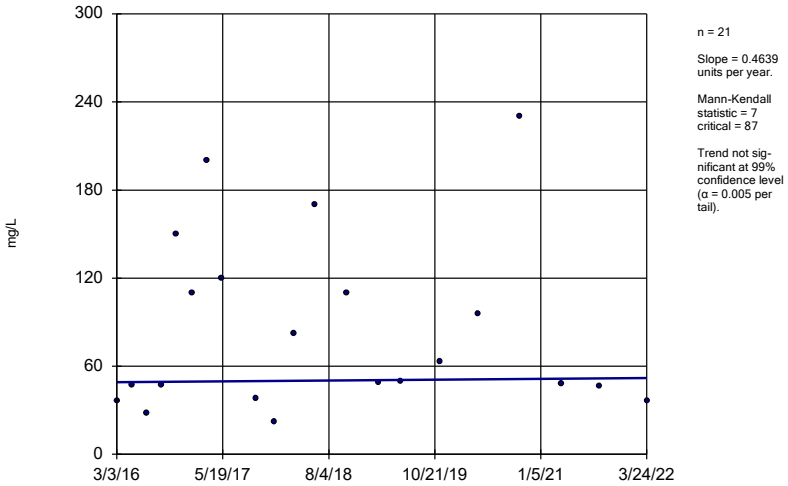
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

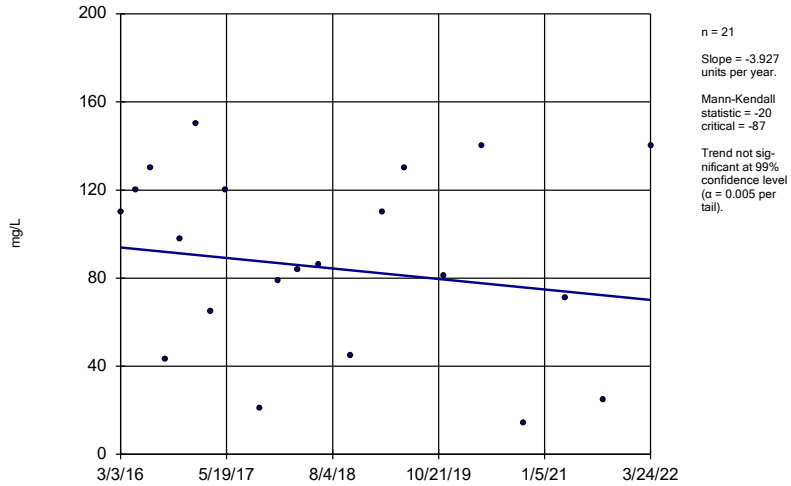
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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

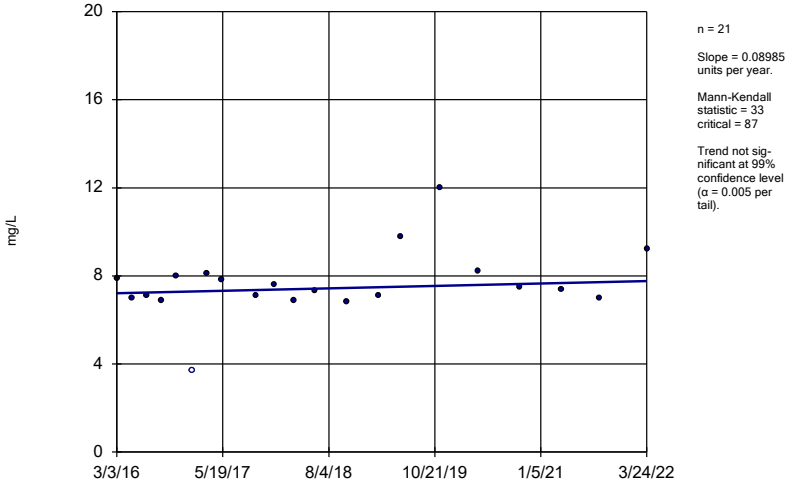
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

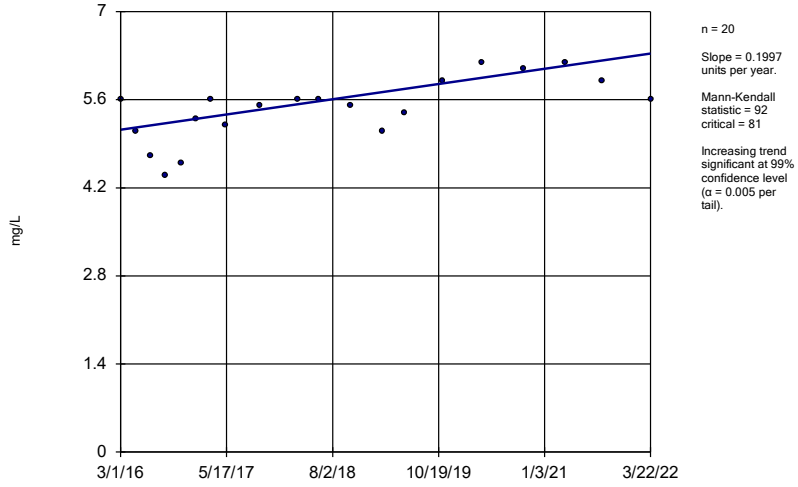
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

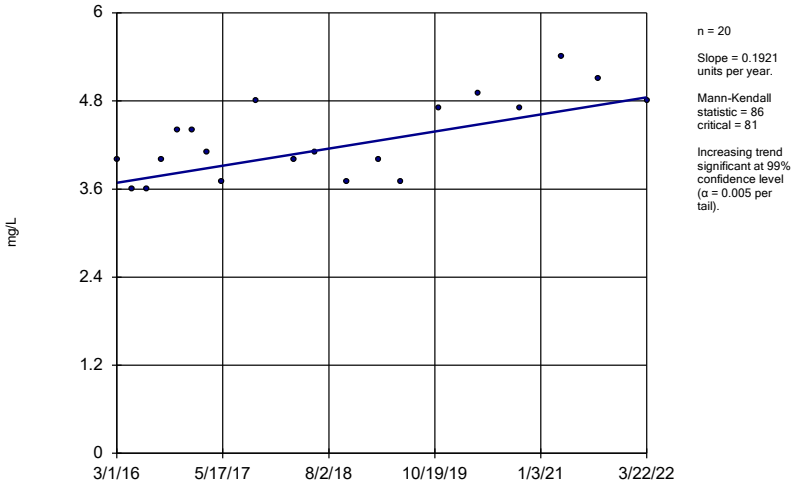
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

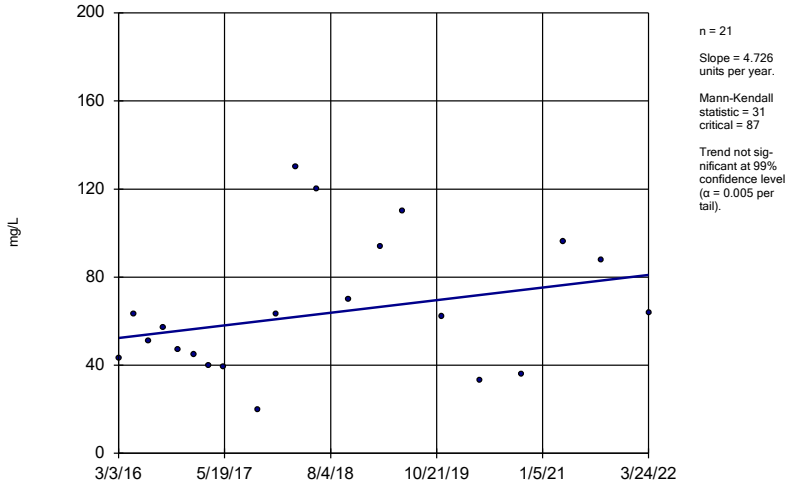
Constituent: Chloride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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

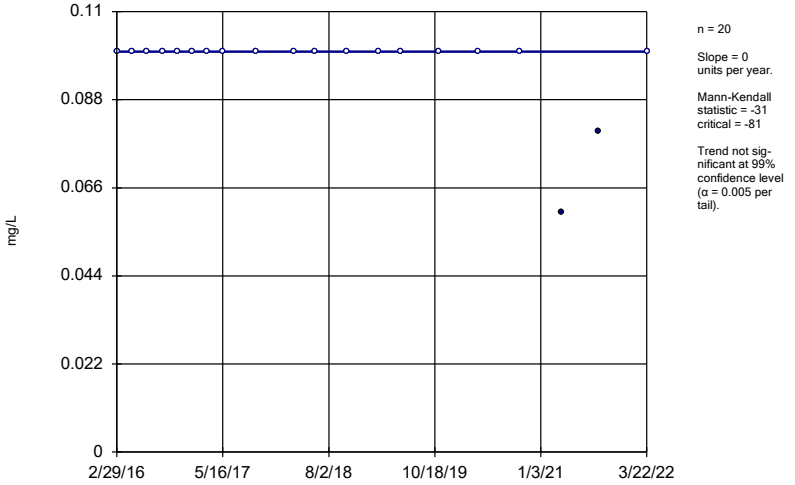
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

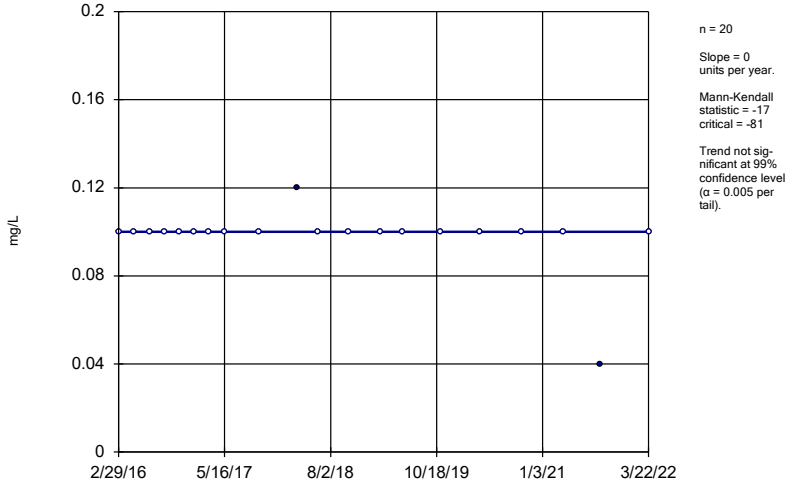
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

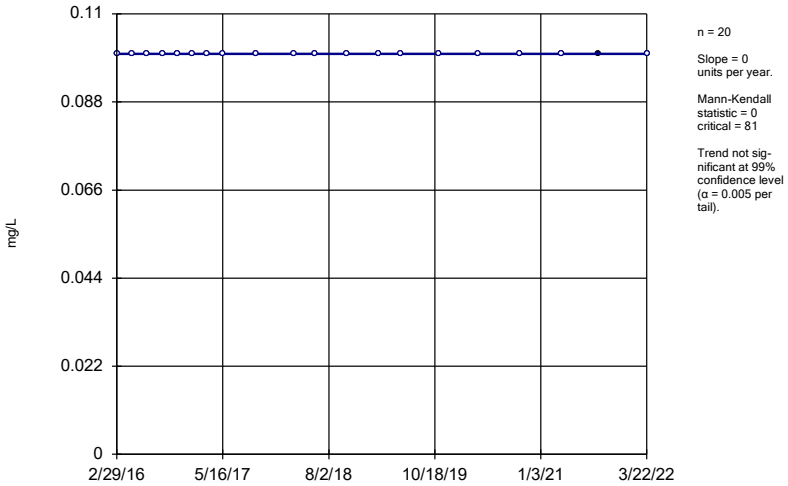
Constituent: Fluoride Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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

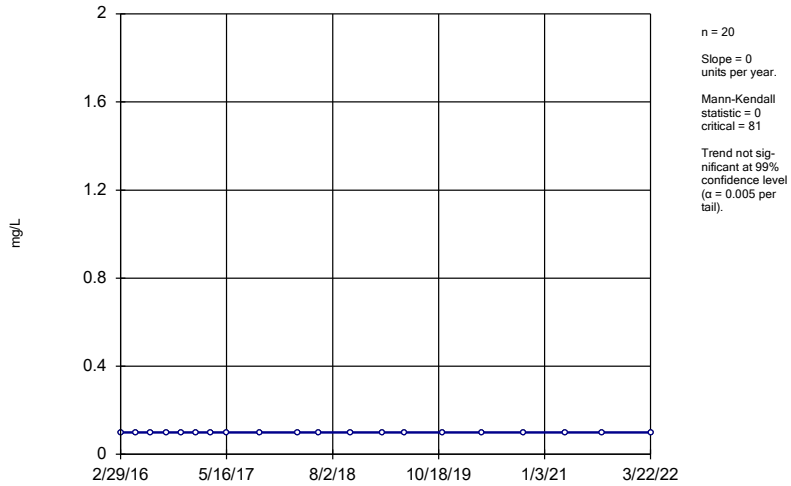
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

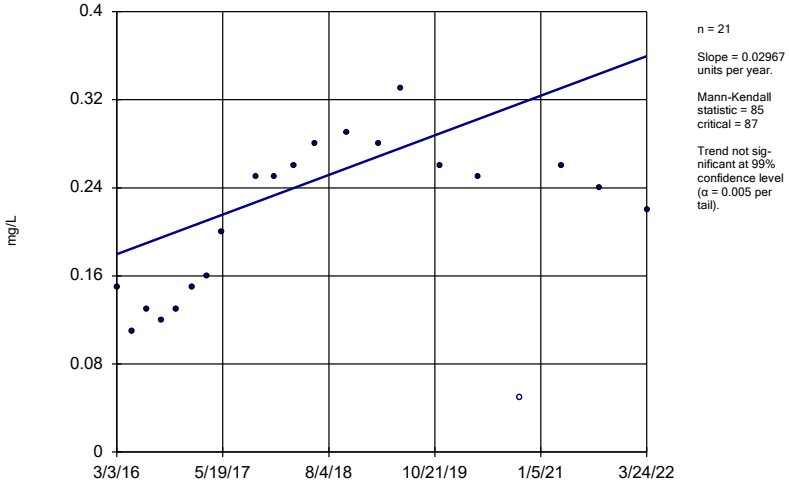
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

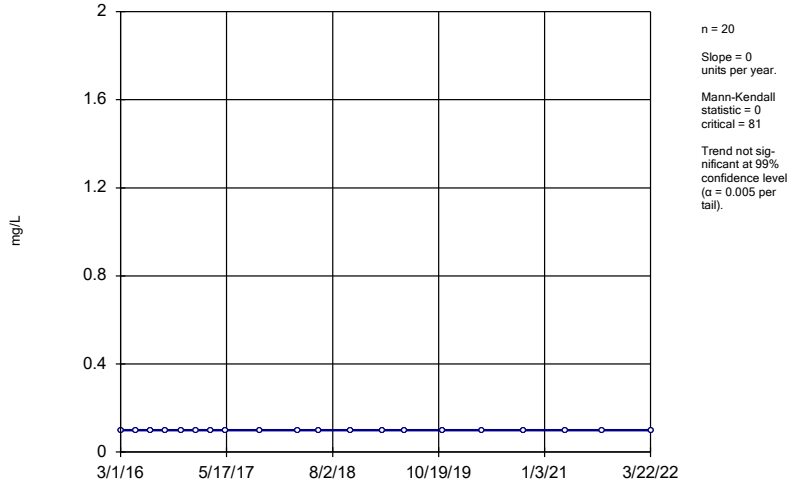
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

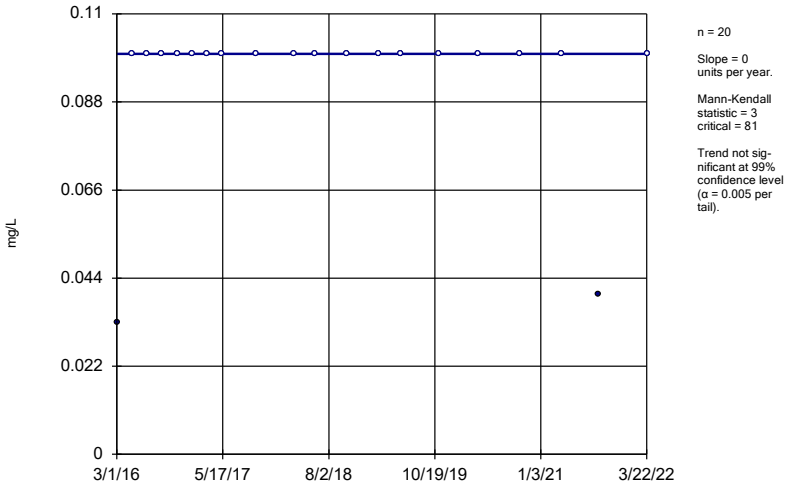
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

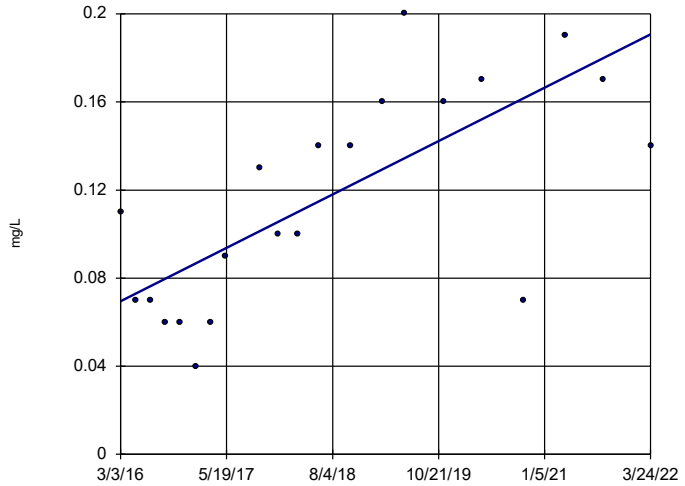
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

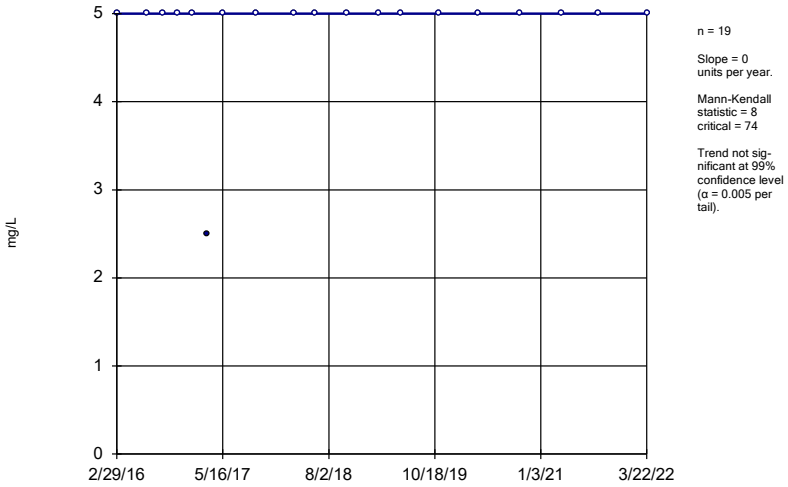
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

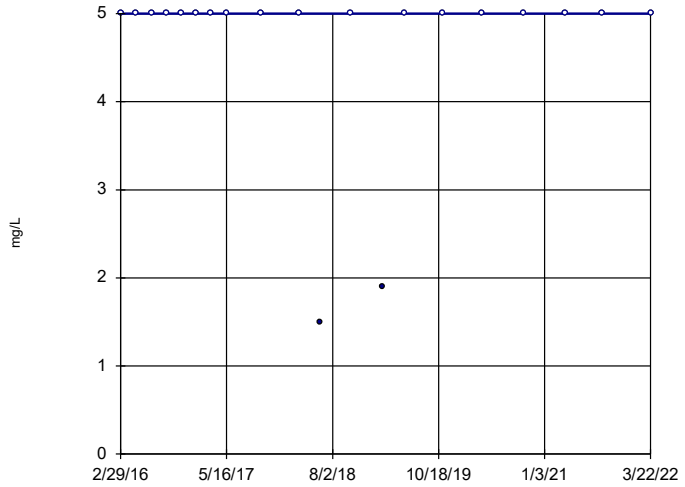
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

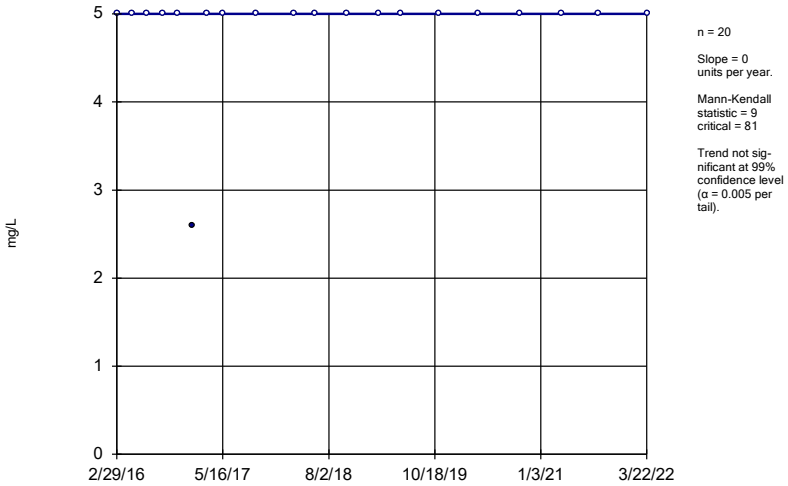
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

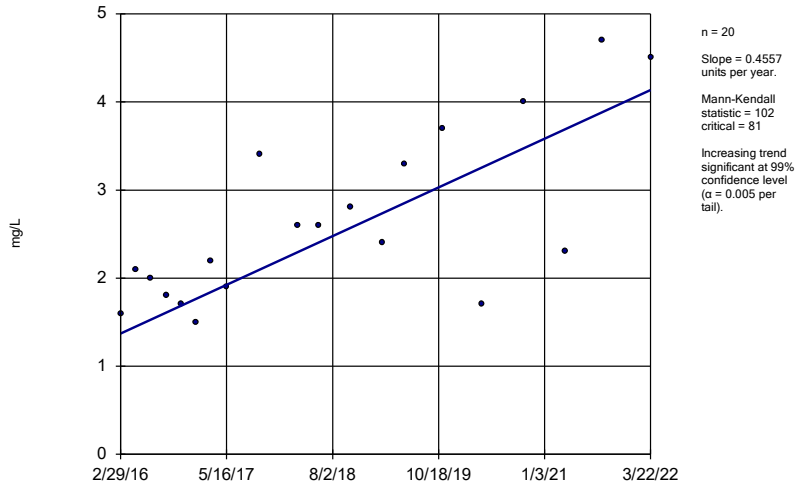
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

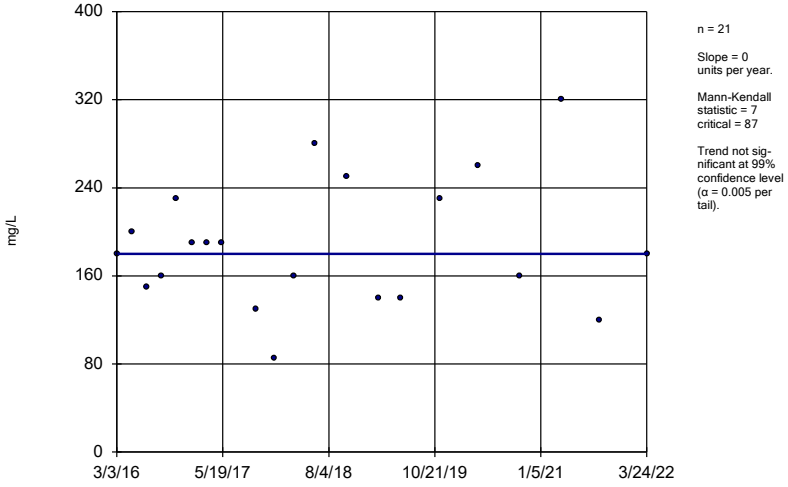
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

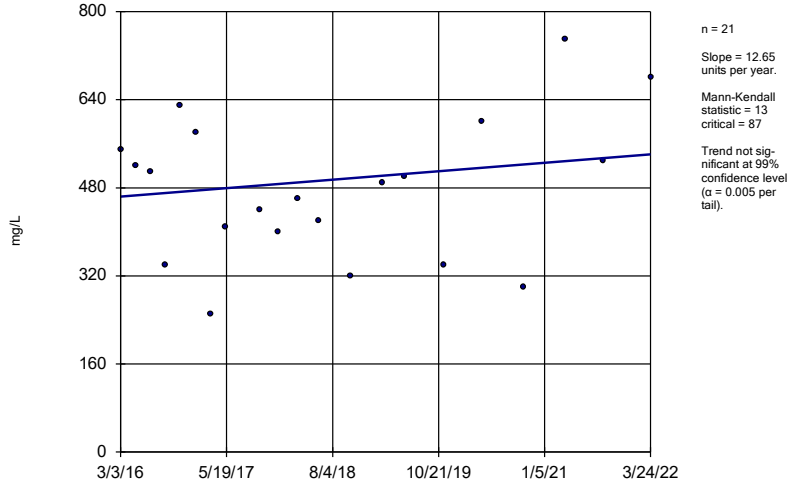
Trend not significant at 99% confidence level (α = 0.005 per tail).

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
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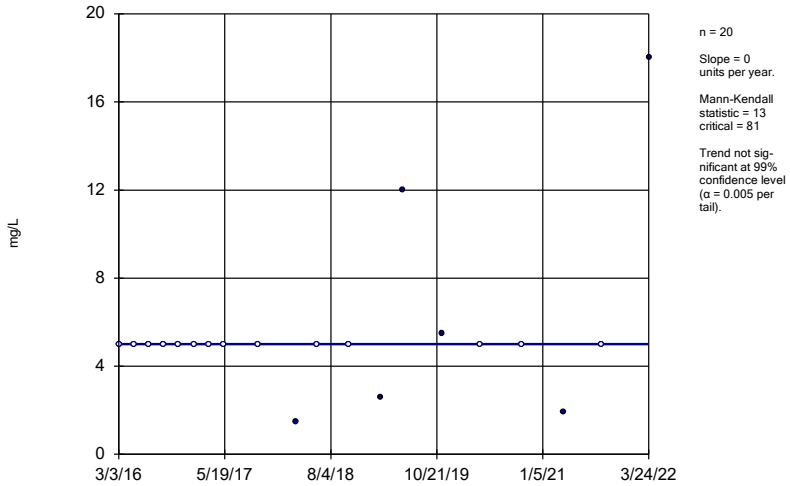
Sen's Slope Estimator

MW-305

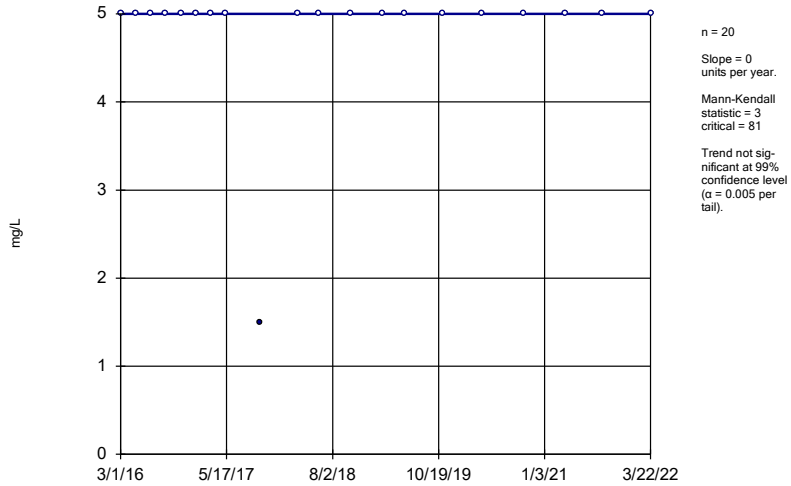


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-306 (bg)

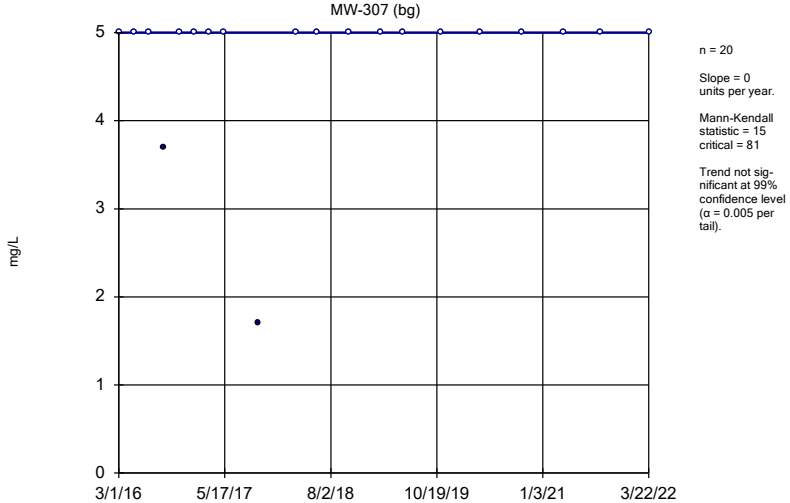


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

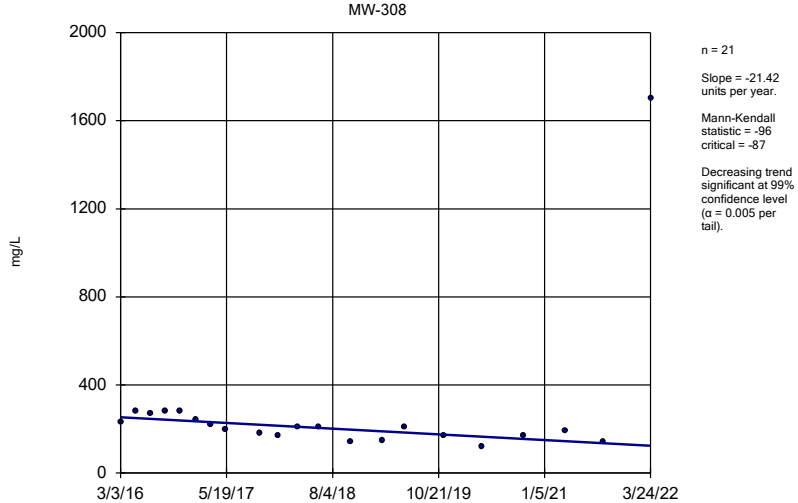


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-308

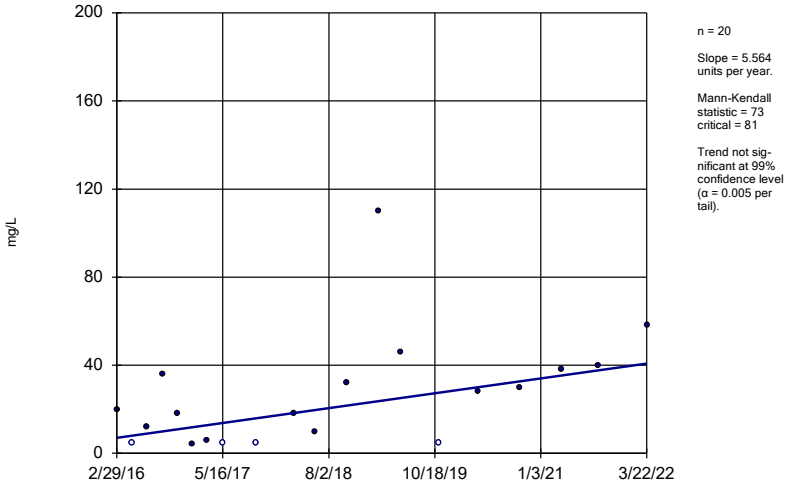


Constituent: Sulfate Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

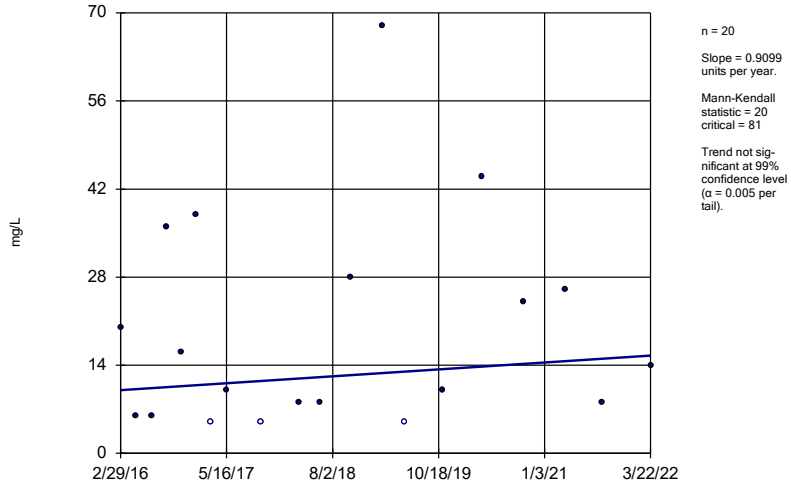
Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

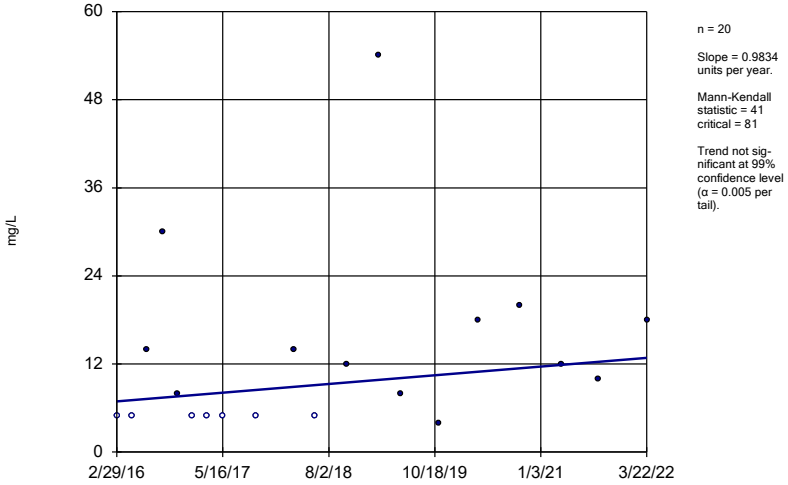
Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

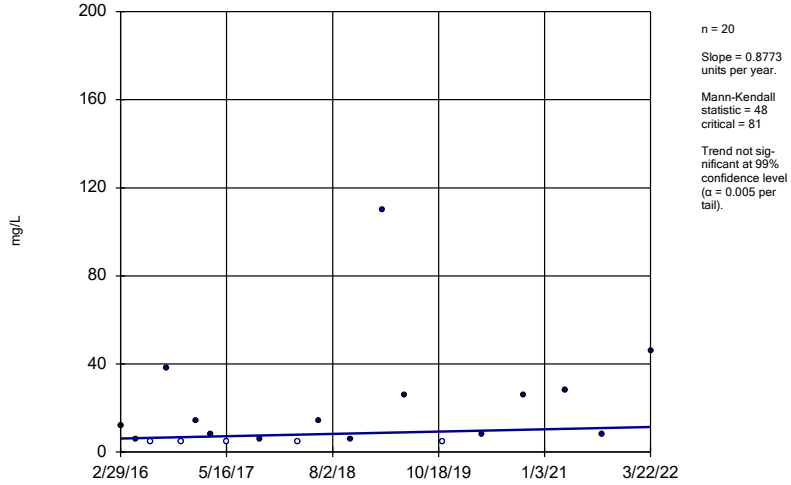
Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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).

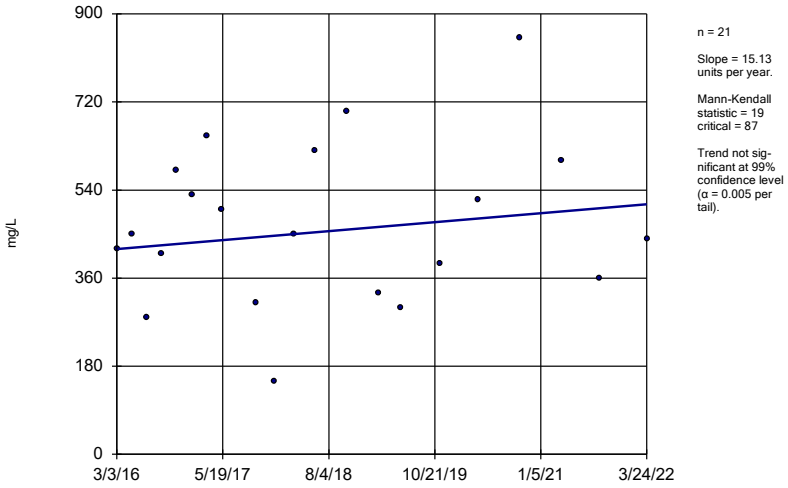
Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Sen's Slope Estimator

MW-303



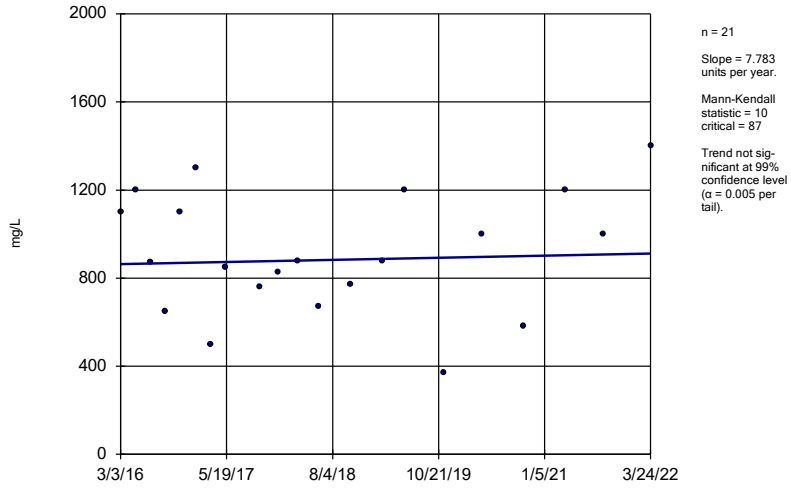
Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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

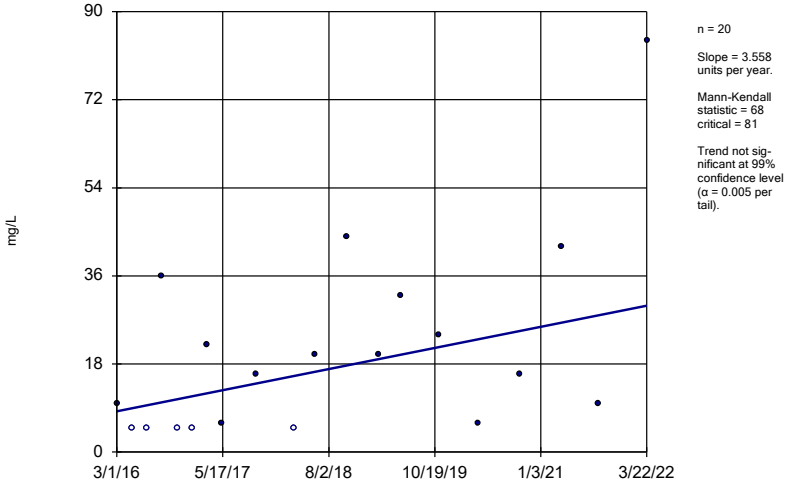
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

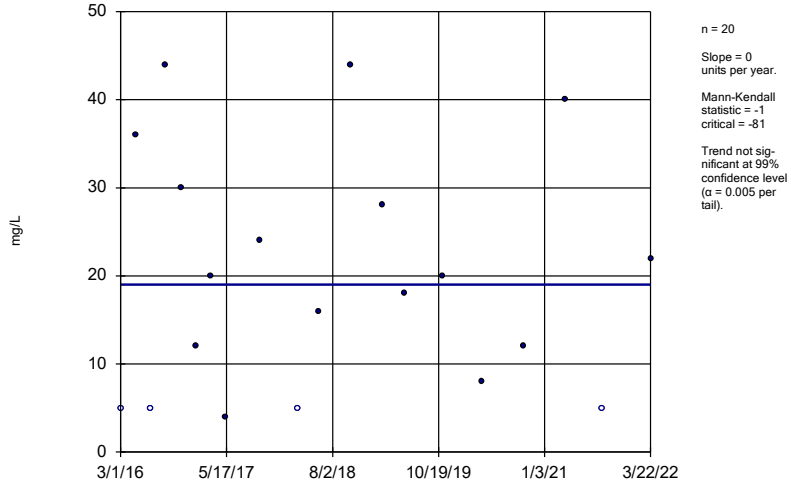
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-307 (bg)

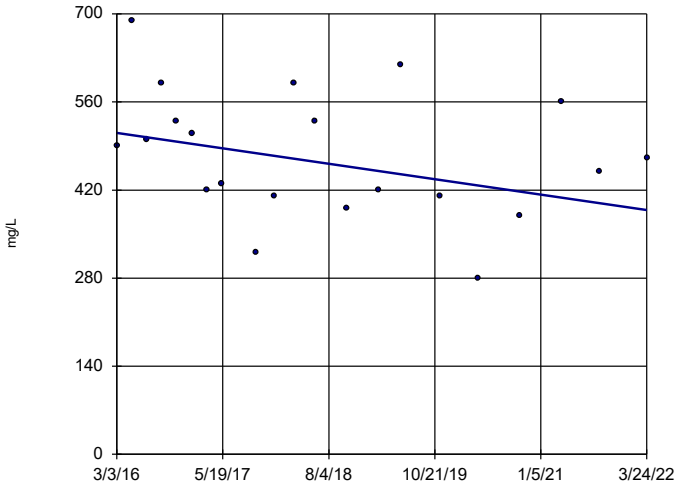


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 1:56 PM View: 300 Series - Trend Tests

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)

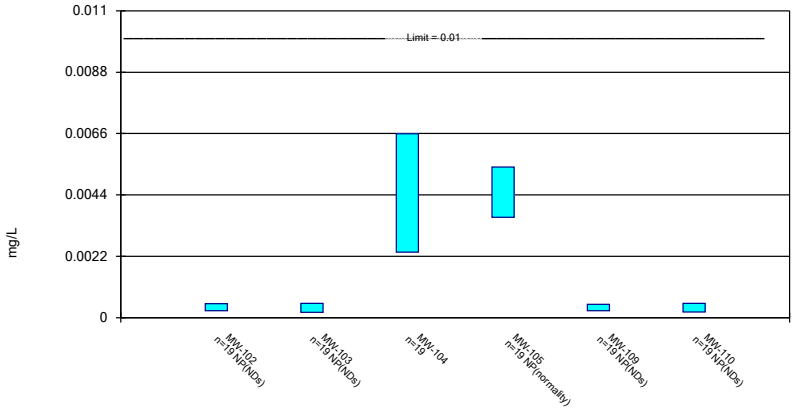
Confidence Interval Summary Table - 100 Series - All Results

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.

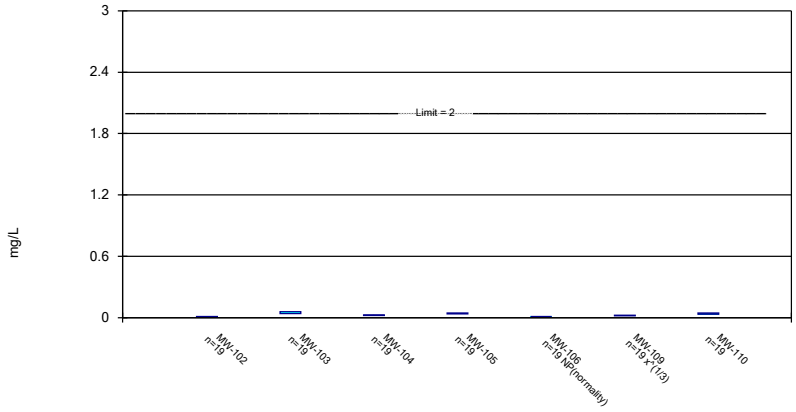


Constituent: Arsenic Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

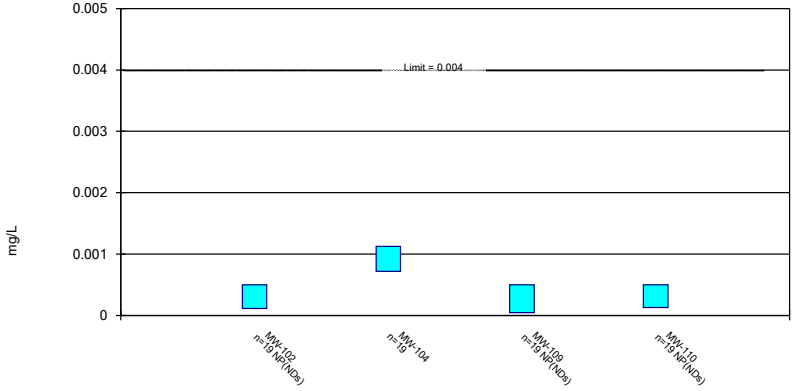


Constituent: Barium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

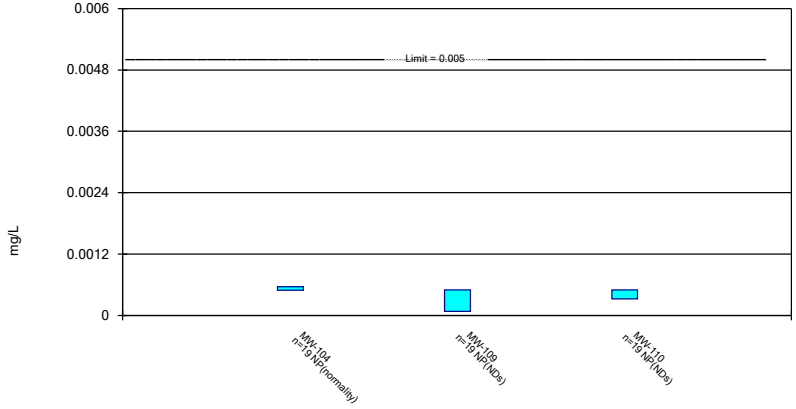


Constituent: Beryllium Analysis Run 1/12/2023 11:11 AM View: 100 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

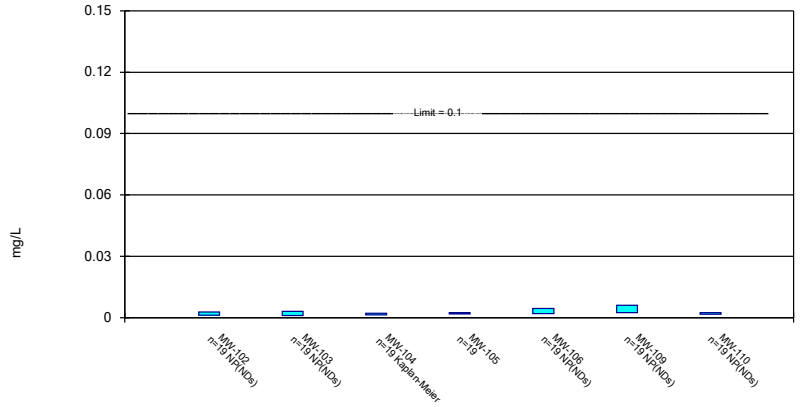
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

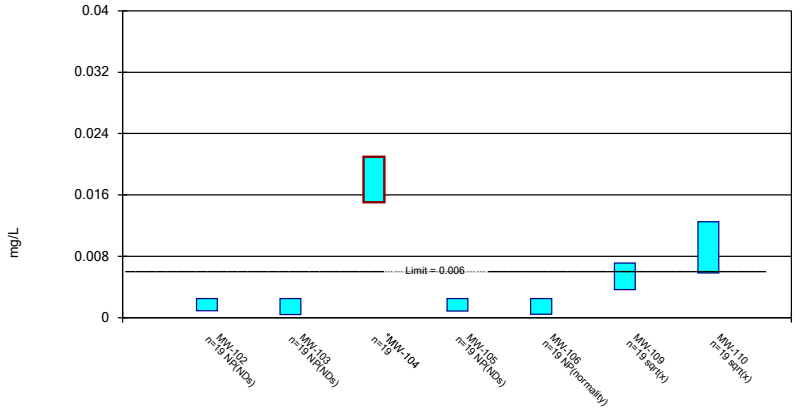
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

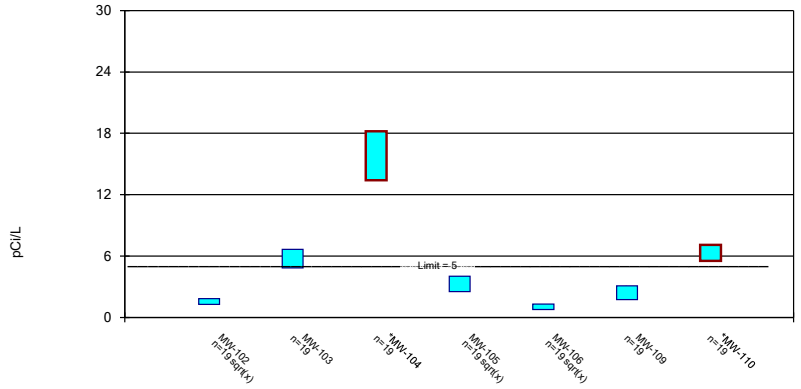
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

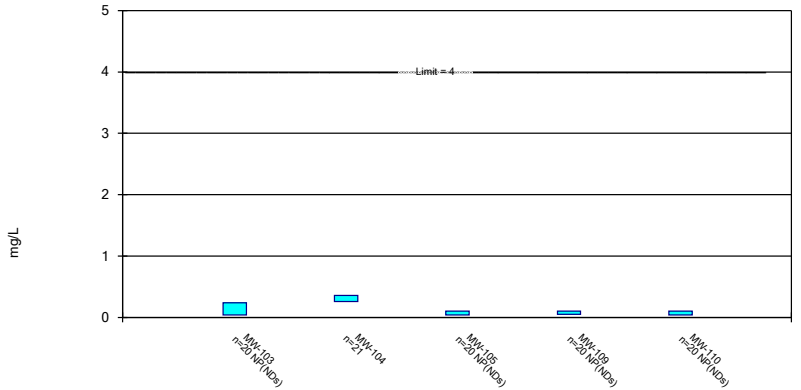
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

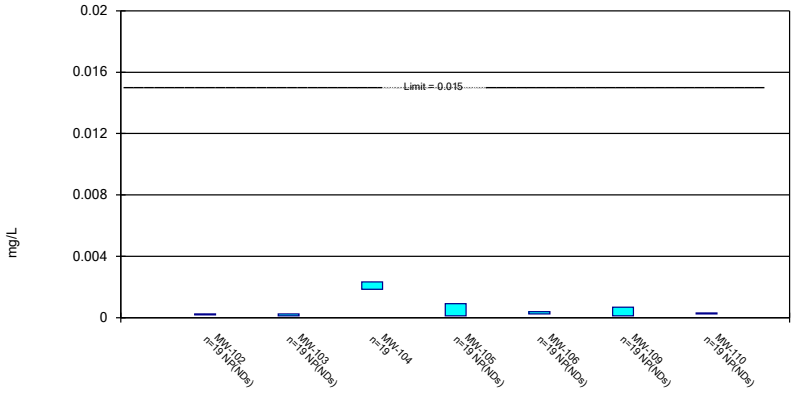
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

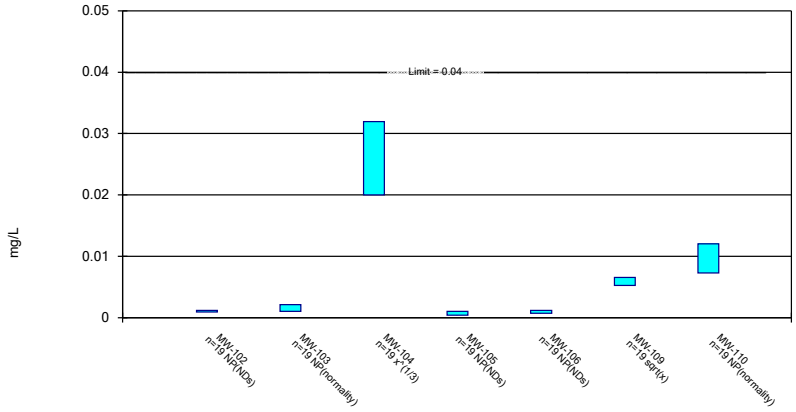
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

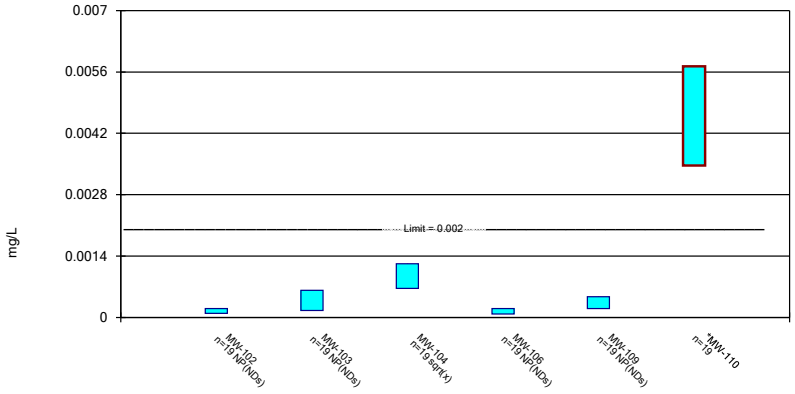
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

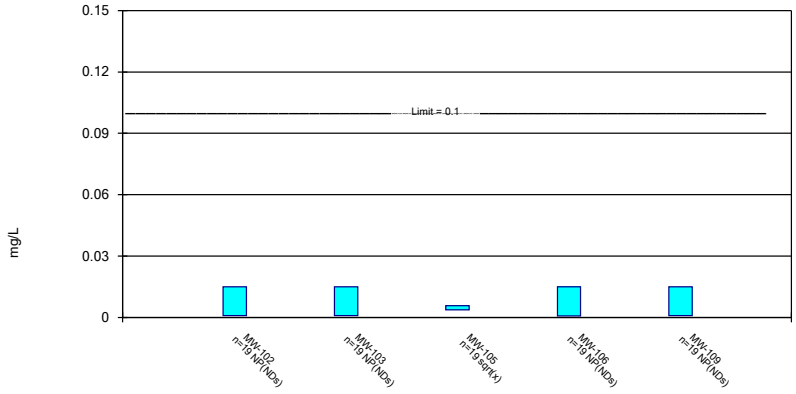
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

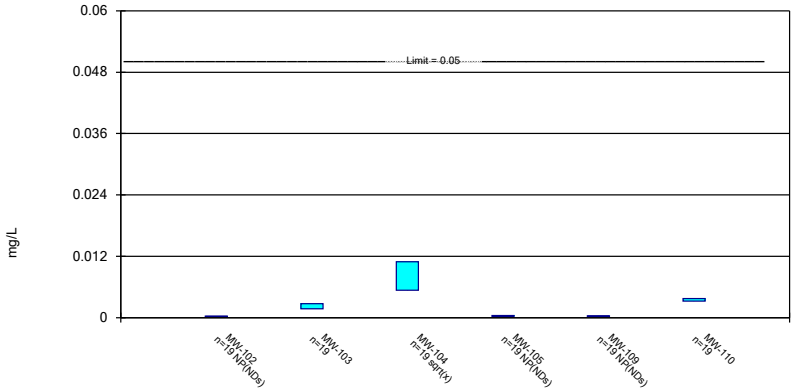
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

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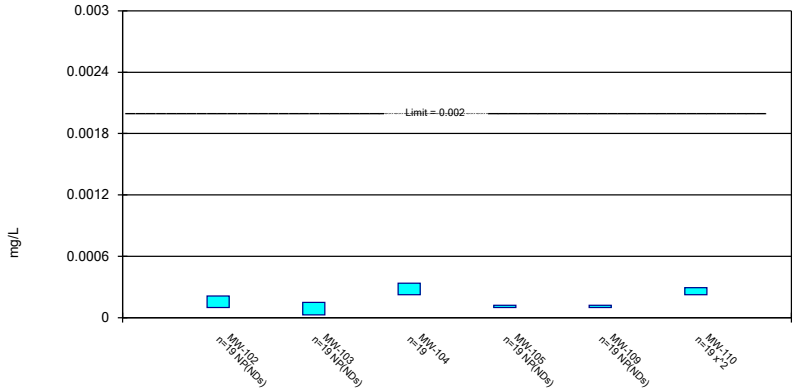
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: 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)**

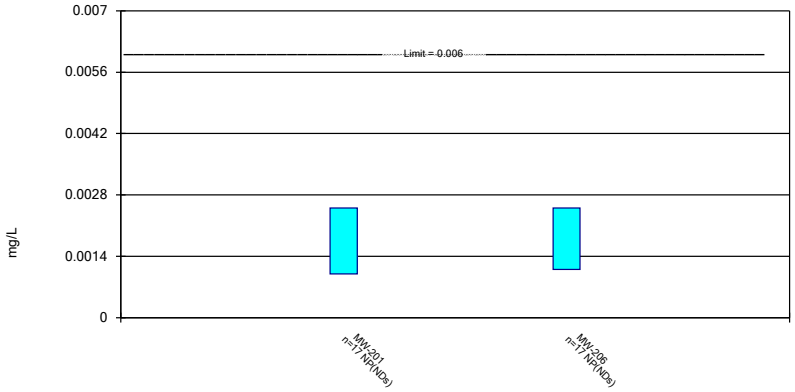
Confidence Interval Summary Table - 200 Series - All Results

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

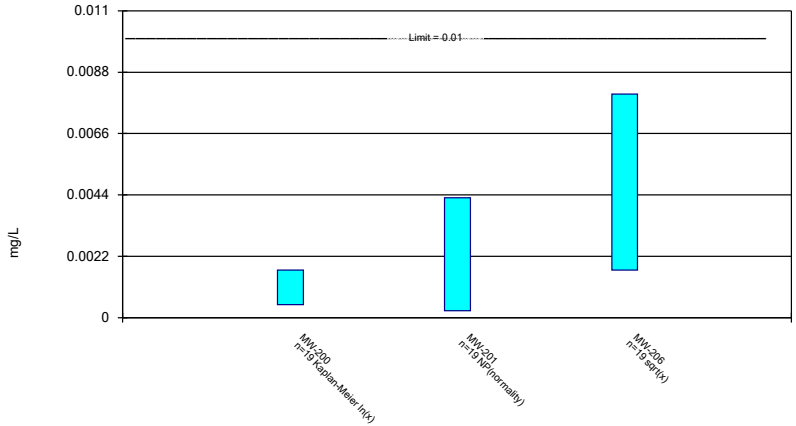
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

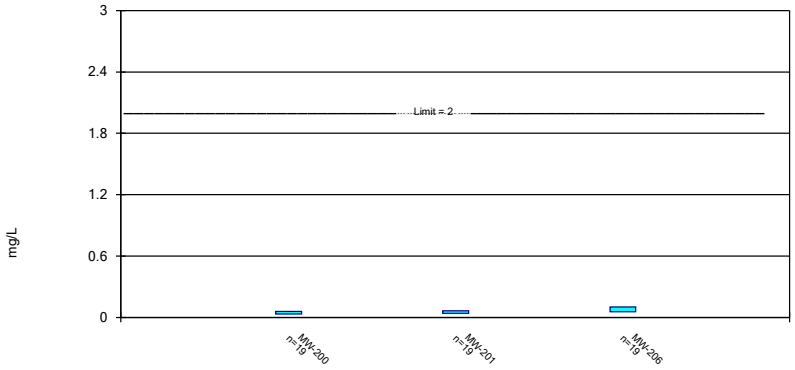
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

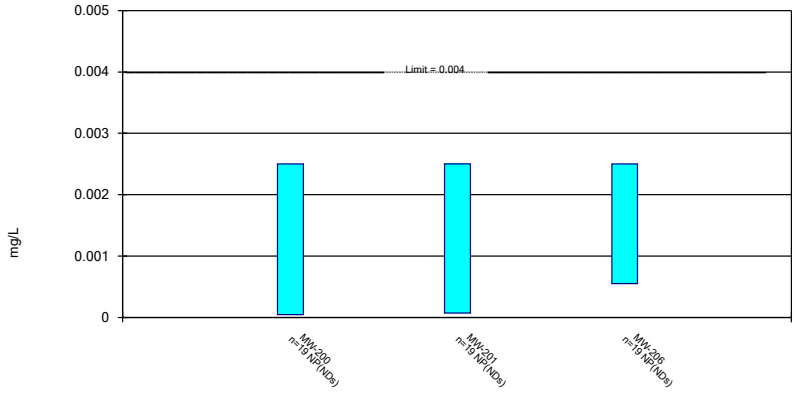
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

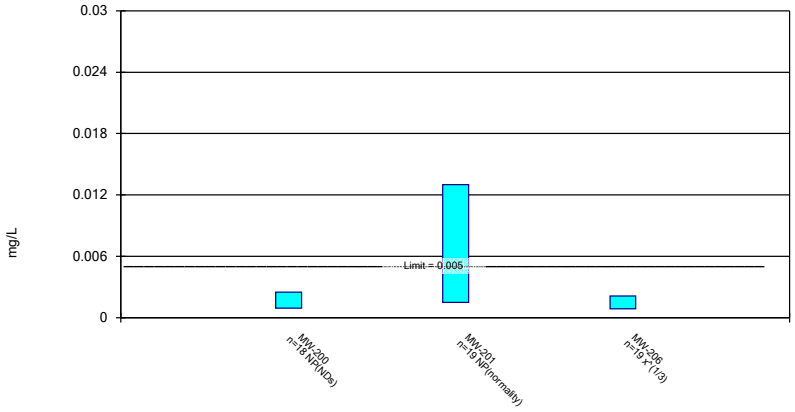
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

Parametric and Non-Parametric (NP) Confidence Interval

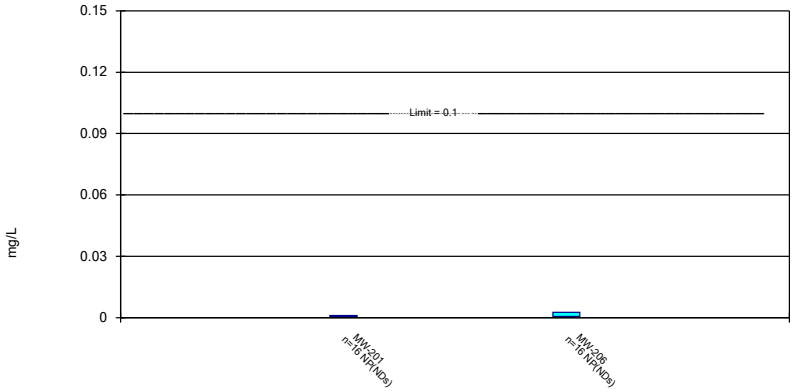
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

Non-Parametric Confidence Interval

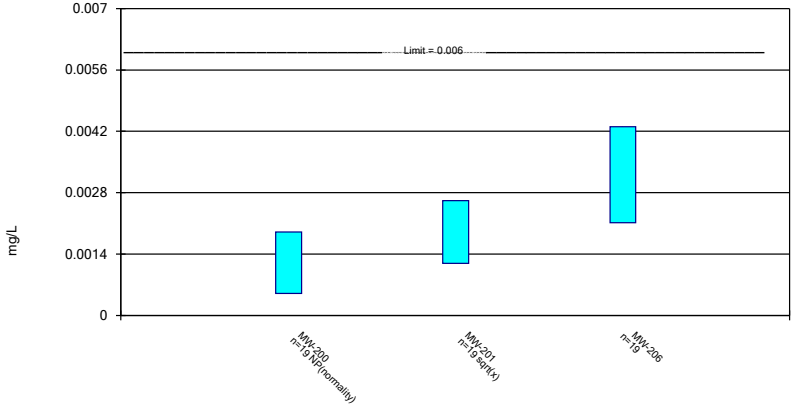
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

Parametric and Non-Parametric (NP) Confidence Interval

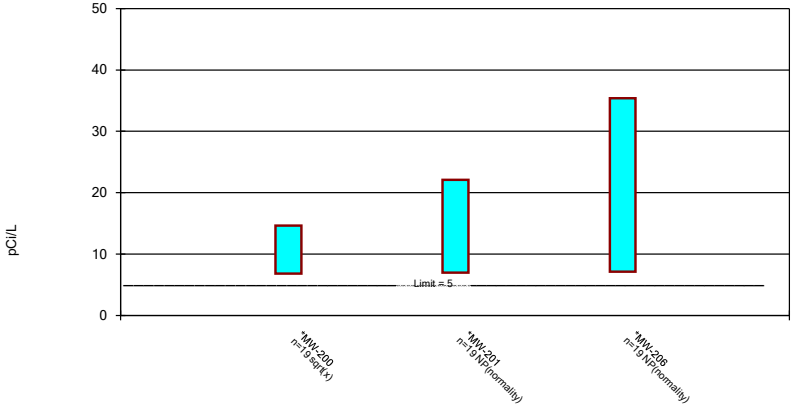
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

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

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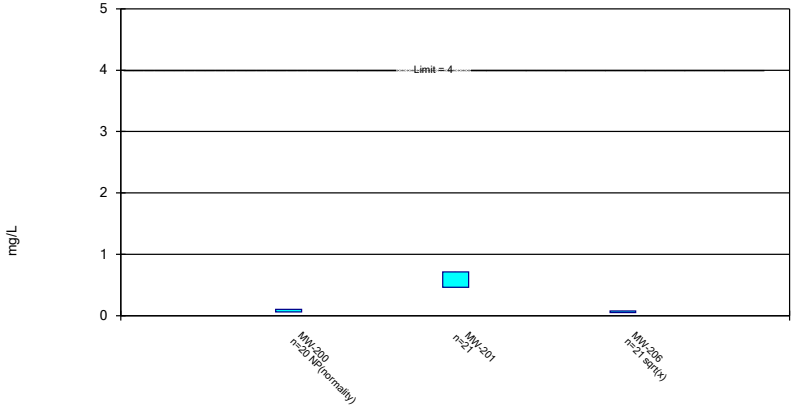
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



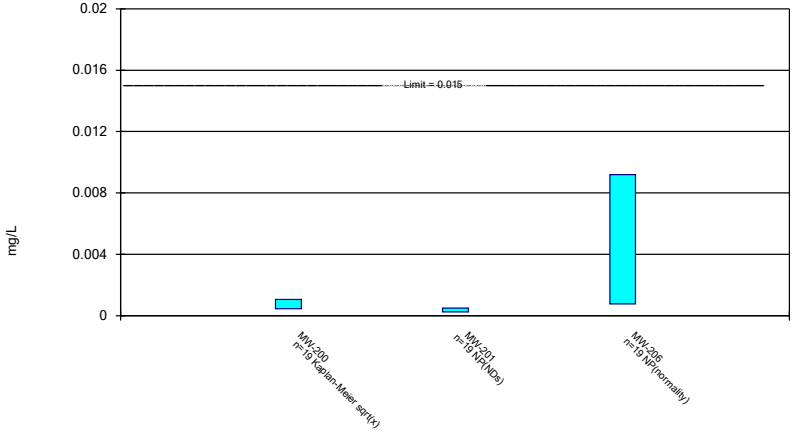
Constituent: Fluoride Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

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.



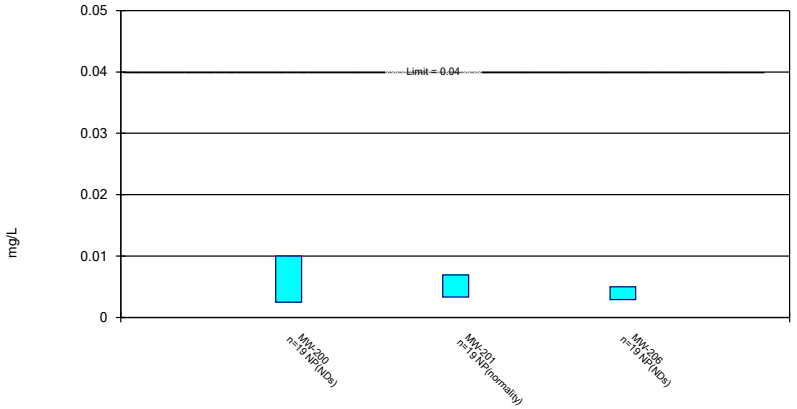
Constituent: Lead Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



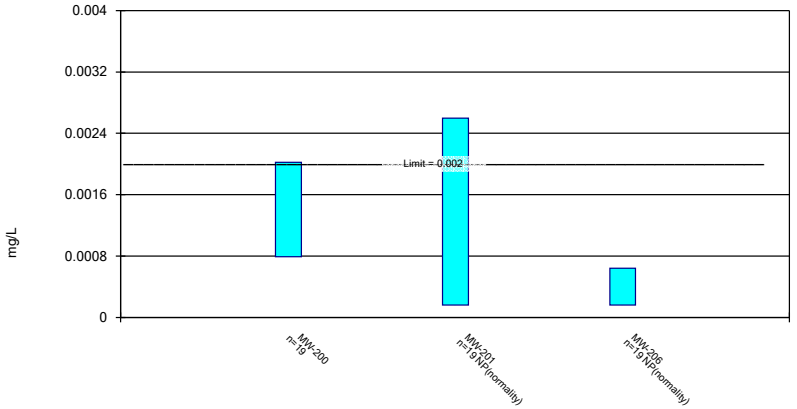
Constituent: Lithium Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

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.

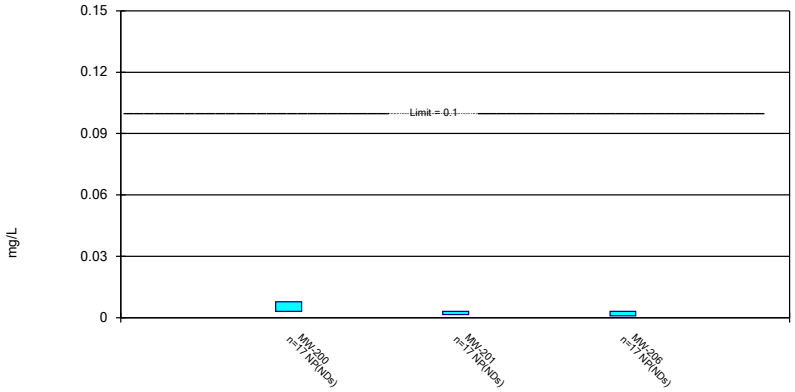


Constituent: Mercury Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals

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.

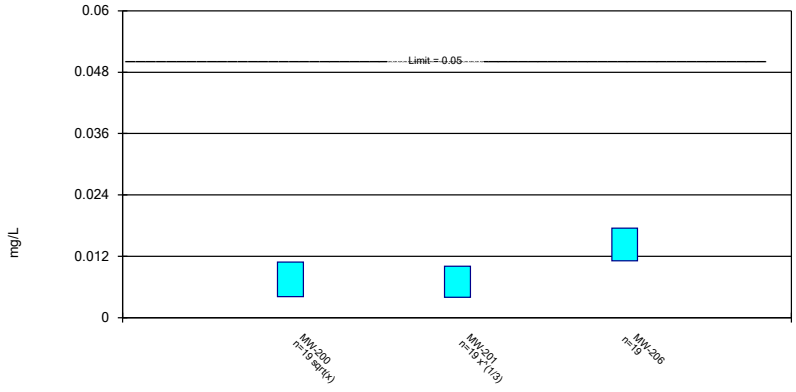


Constituent: Molybdenum Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

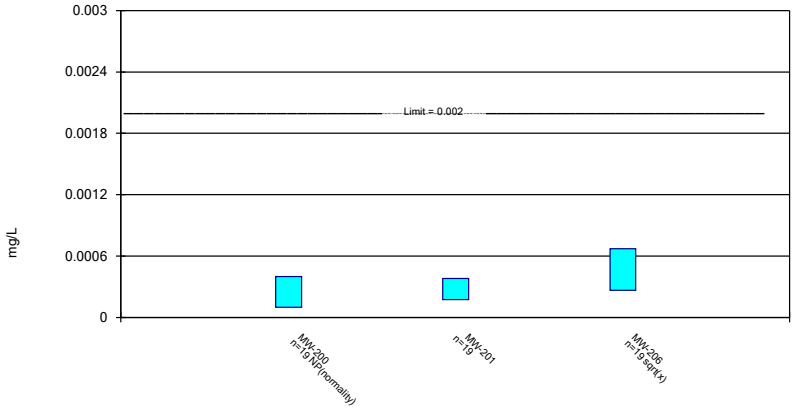


Constituent: Selenium Analysis Run 1/12/2023 12:37 PM View: 200 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.**

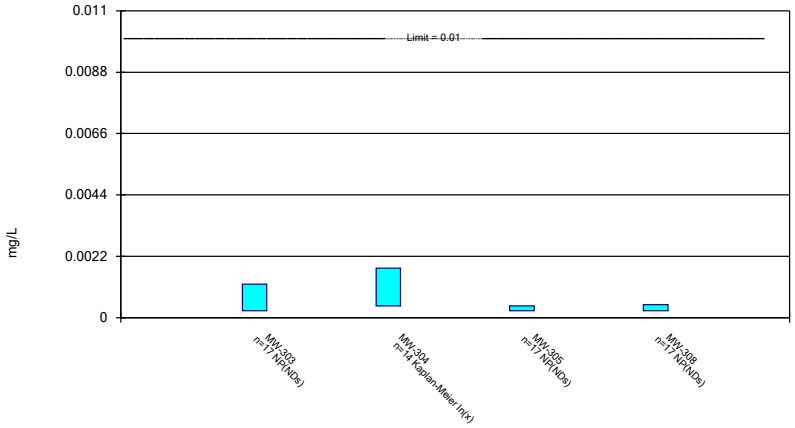
Confidence Interval Summary Table - 300 Series - All Results

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

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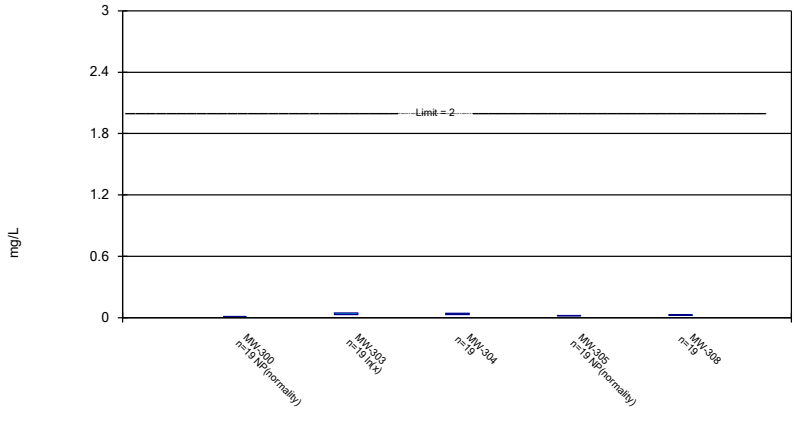
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

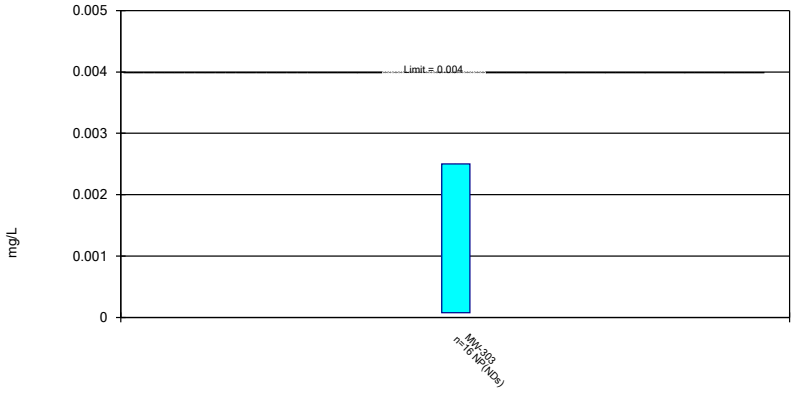


Constituent: Barium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

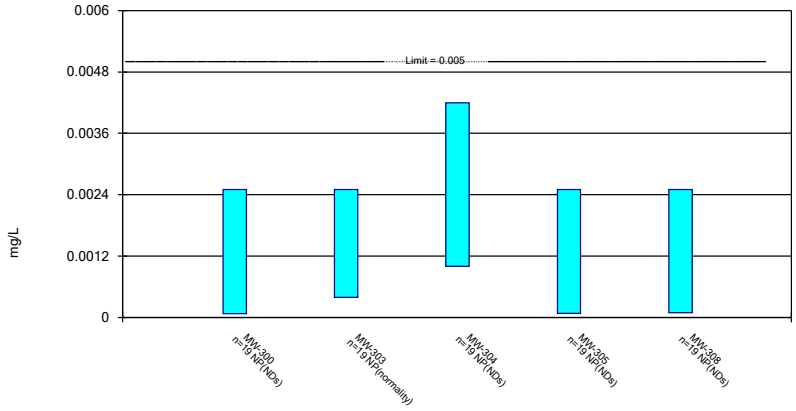


Constituent: Beryllium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

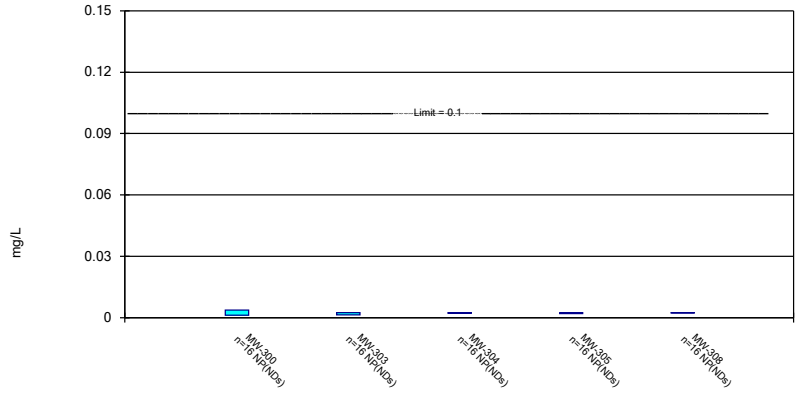
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

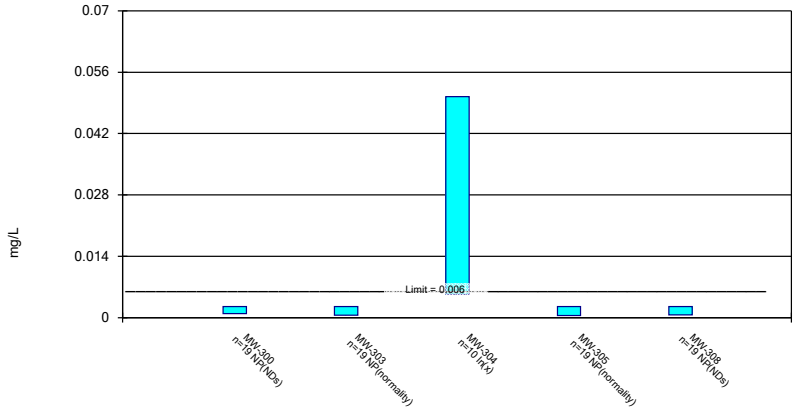


Constituent: Chromium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

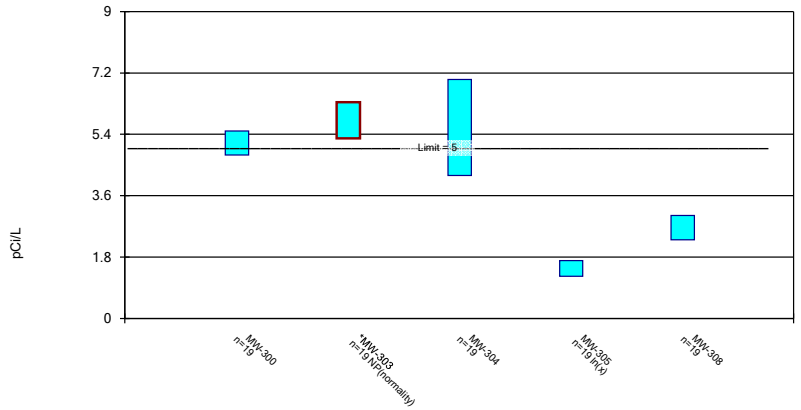


Constituent: Cobalt Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

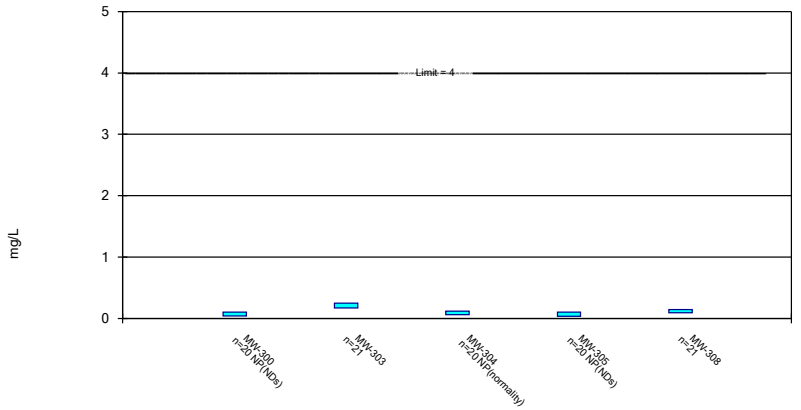


Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidenc
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

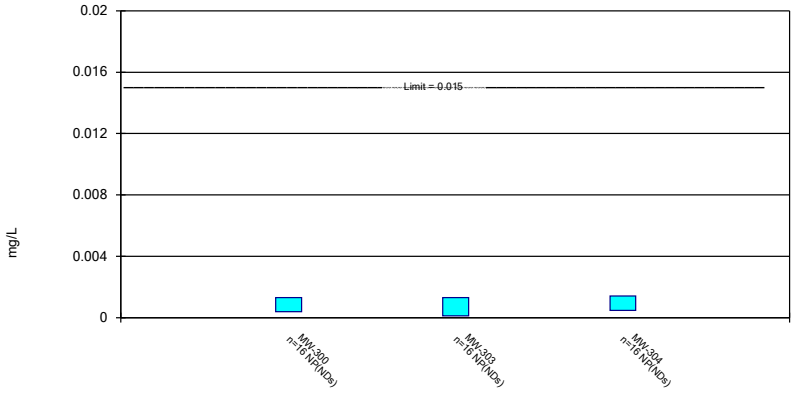


Constituent: Fluoride Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

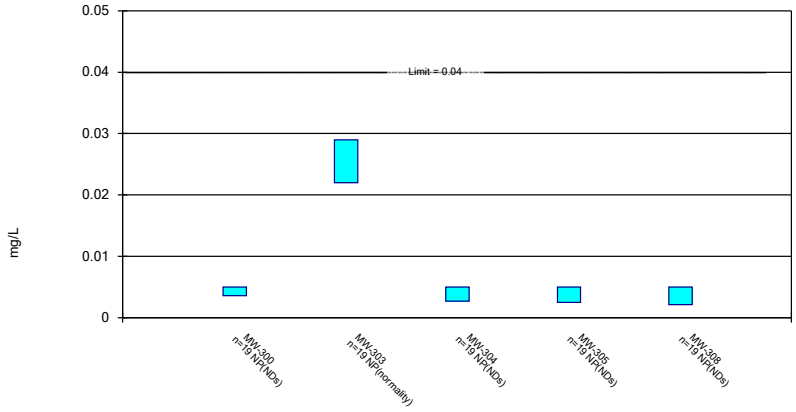


Constituent: Lead Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

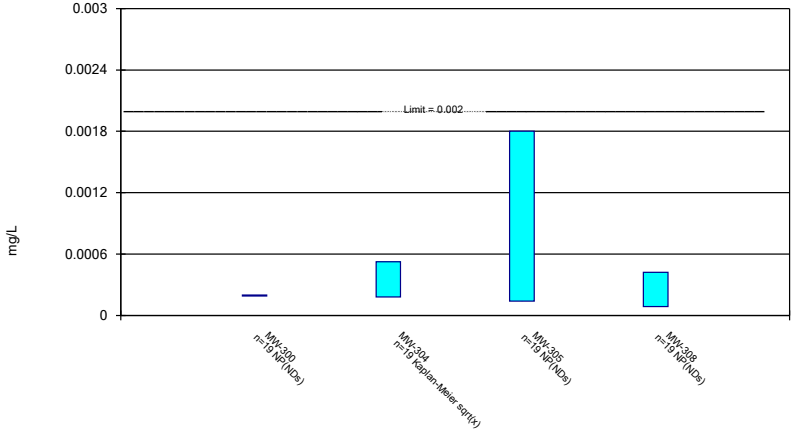


Constituent: Lithium Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

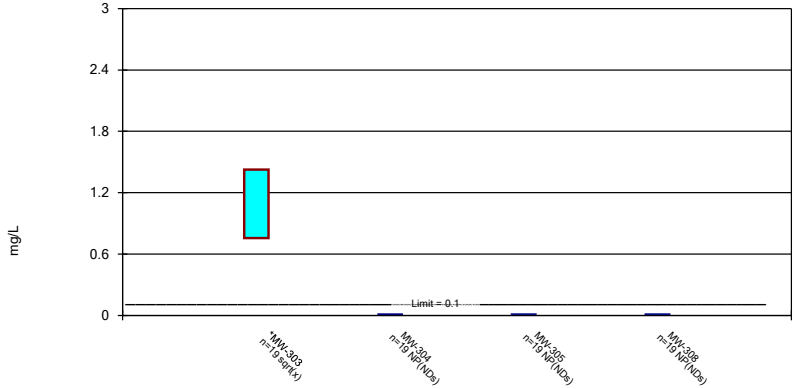


Constituent: Mercury Analysis Run 1/12/2023 2:00 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

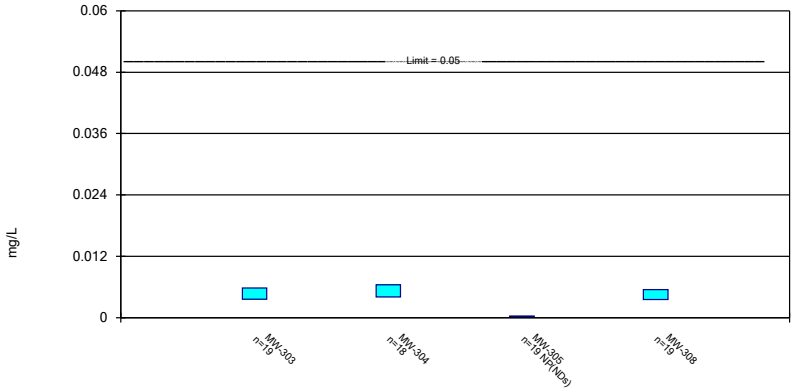
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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.

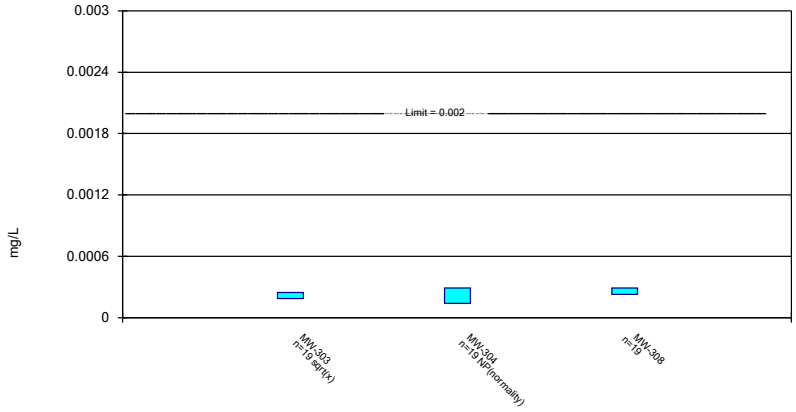


Constituent: Selenium Analysis Run 1/12/2023 2:01 PM View: 300 Series - Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

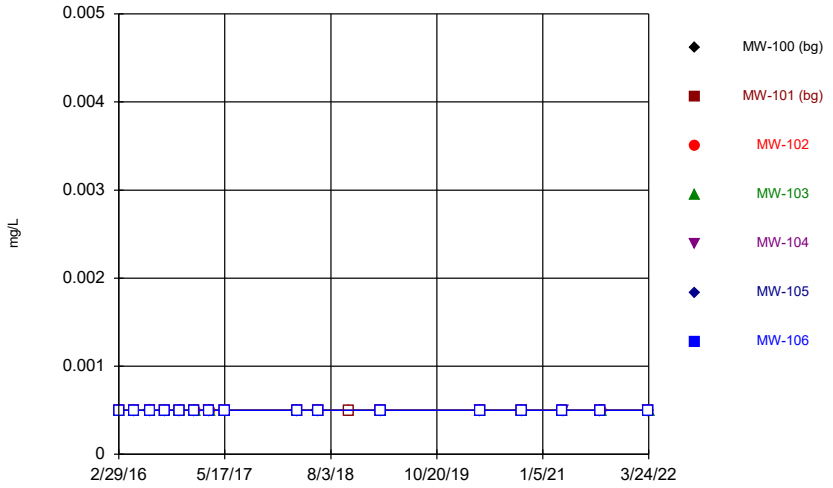
ND substitution: RL or RL/2 if <15% NDs.

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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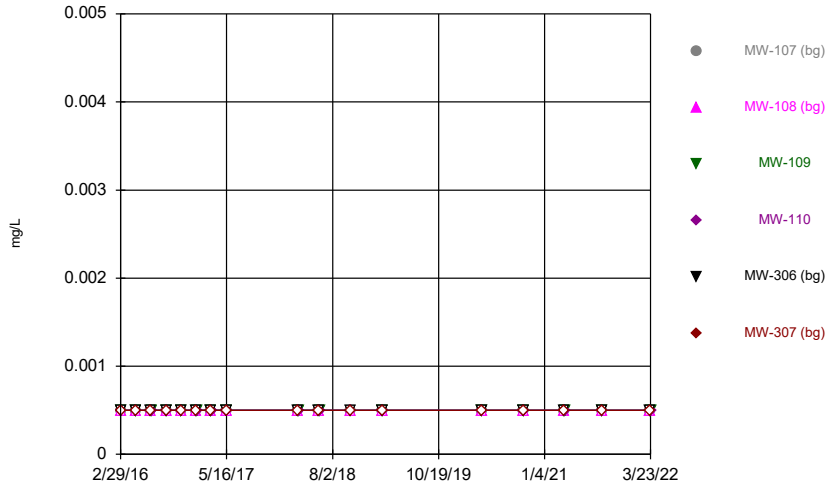
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

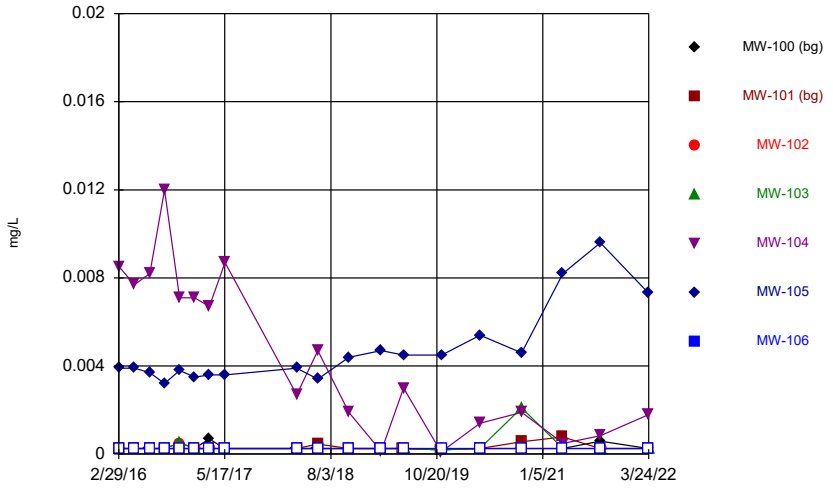
Time Series



Constituent: 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.

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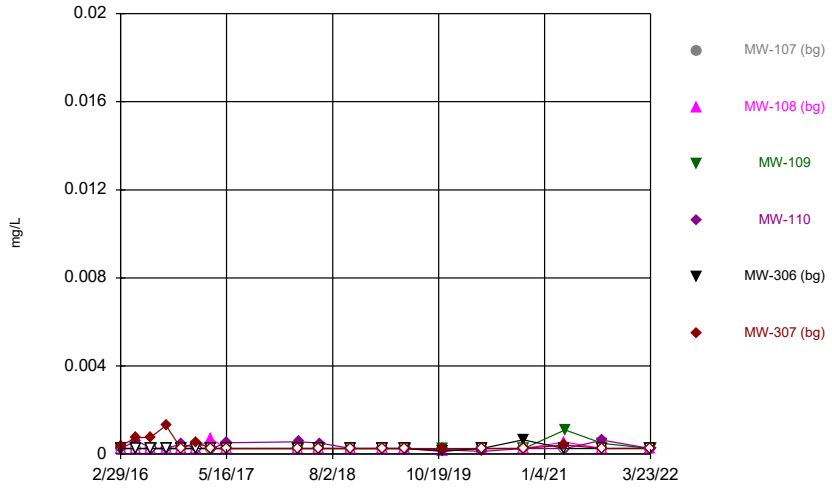
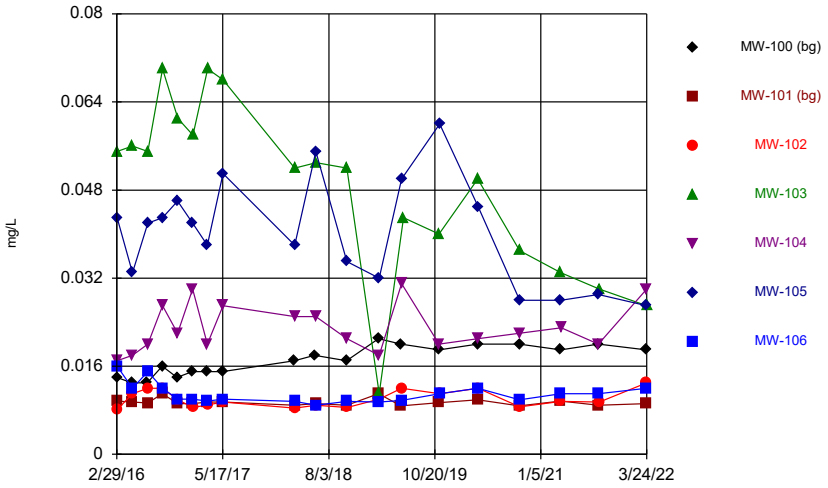


Constituent: Arsenic Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

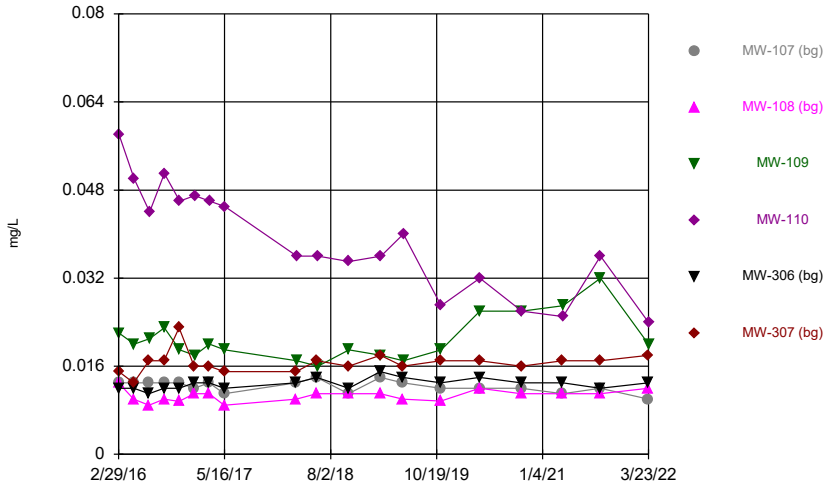
Time Series



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

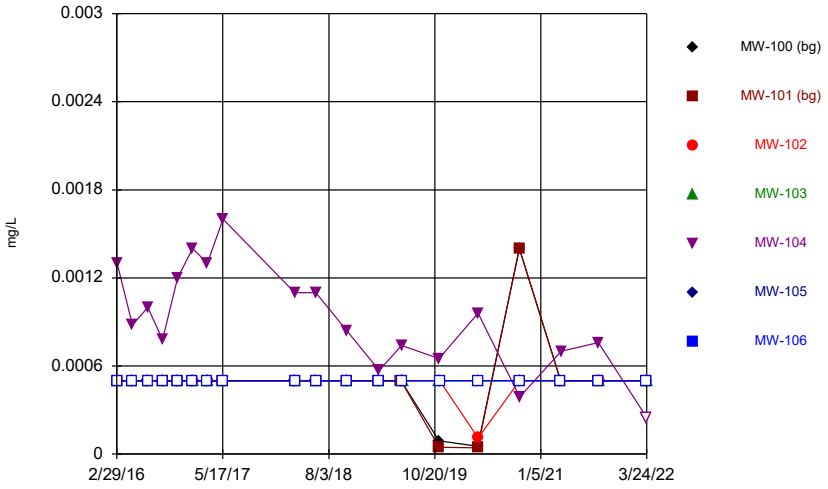
Time Series



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
Hollow symbols indicate censored values.

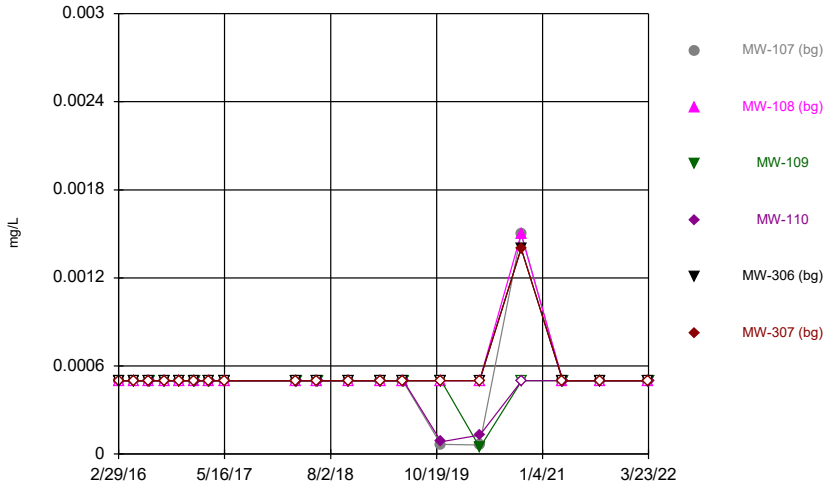
Time Series



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.

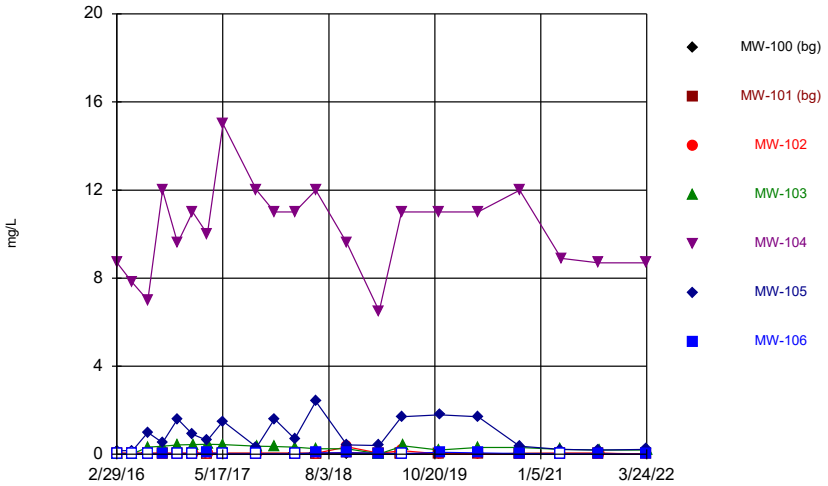
Time Series



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.

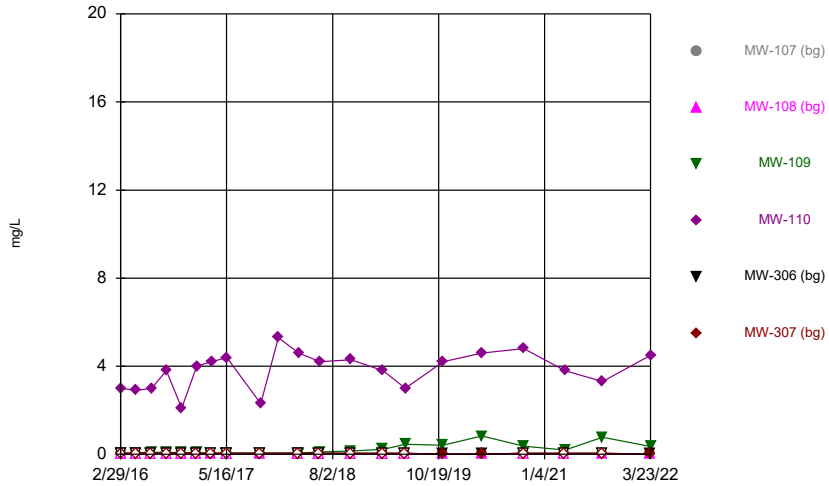
Time Series



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.

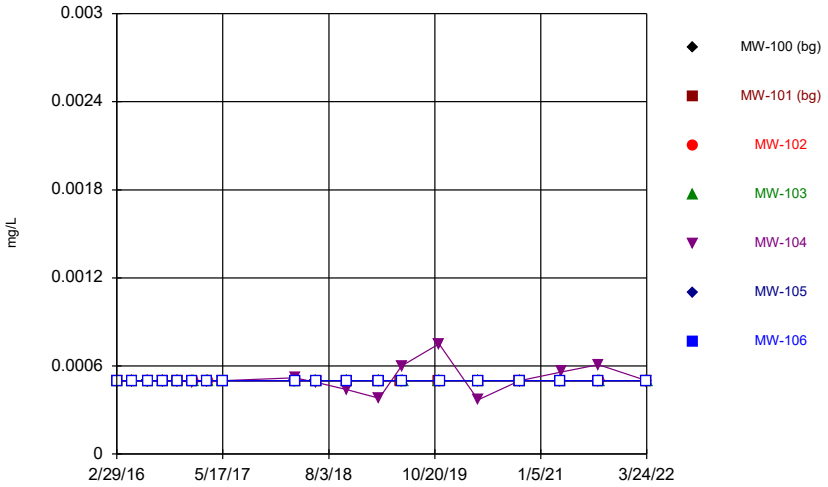
Time Series



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.

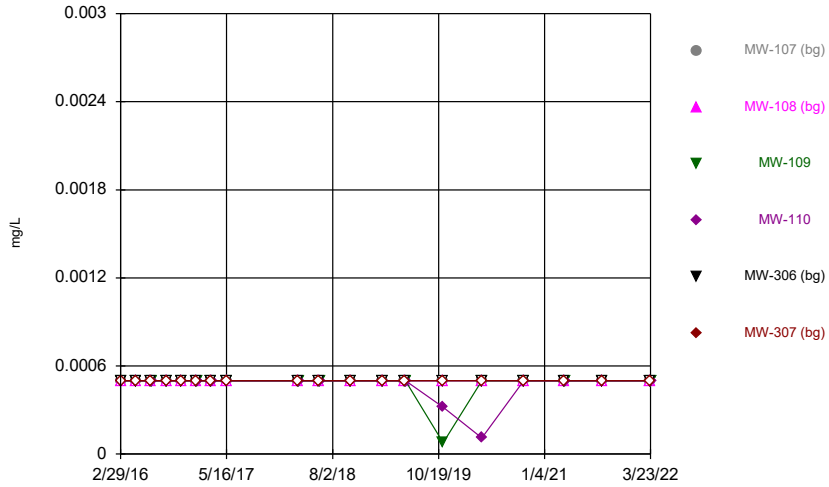
Time Series



Constituent: Cadmium Analysis Run 1/12/2023 10:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

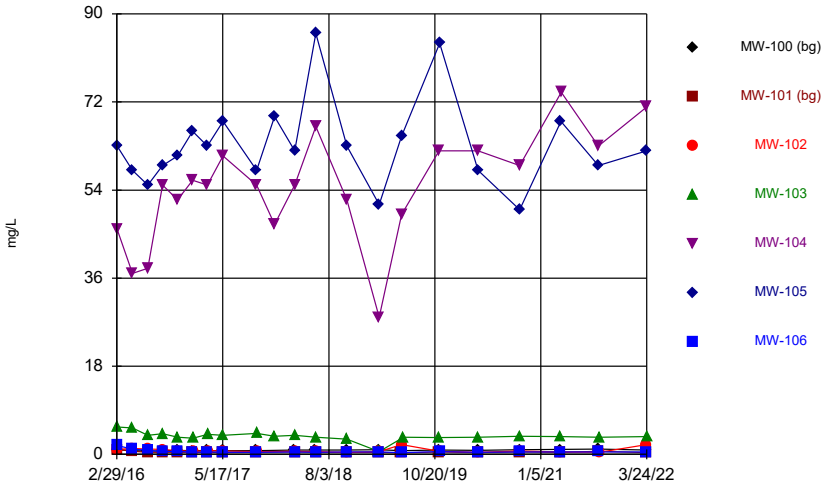
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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

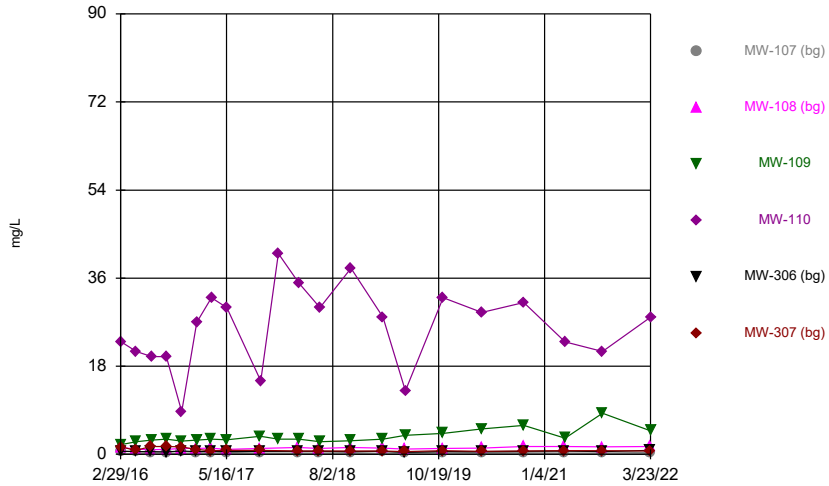
Time Series



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

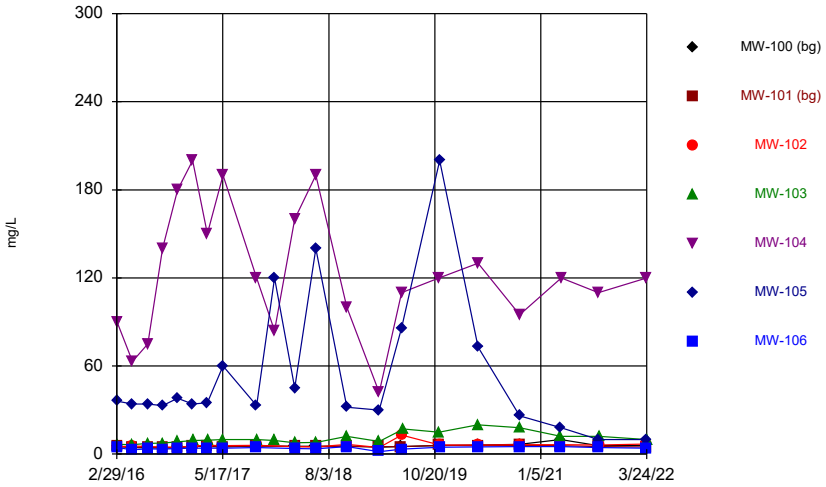
Time Series



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

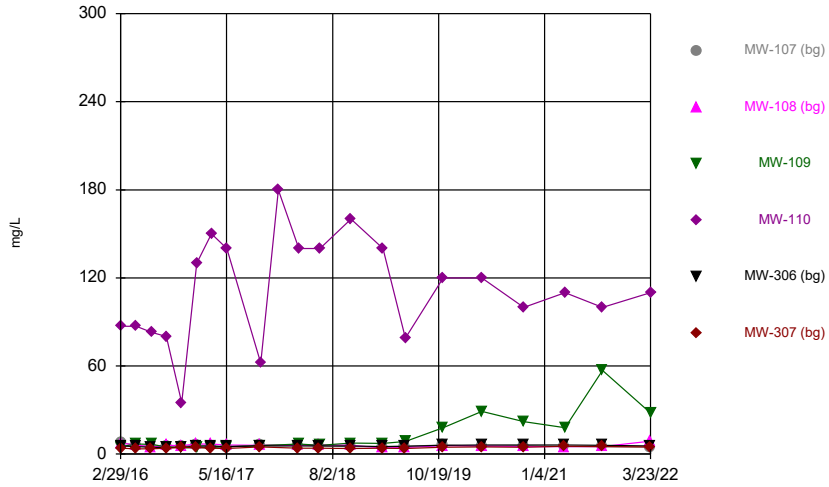
Time Series



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

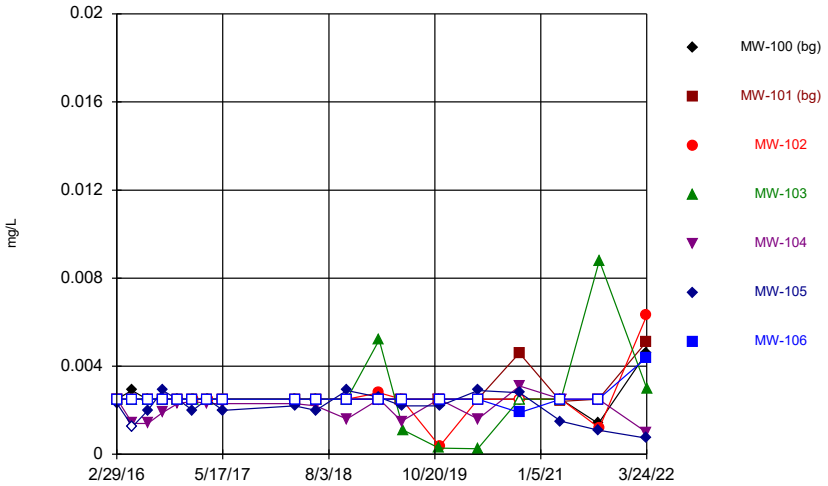
Time Series



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.

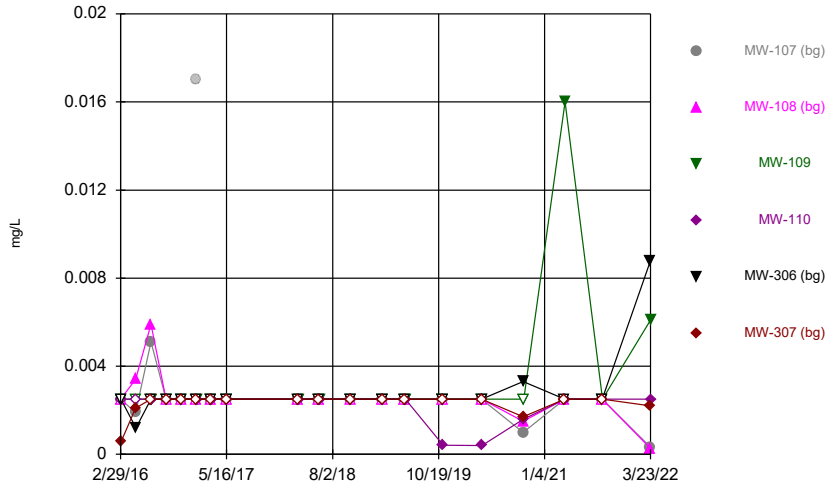
Time Series



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.

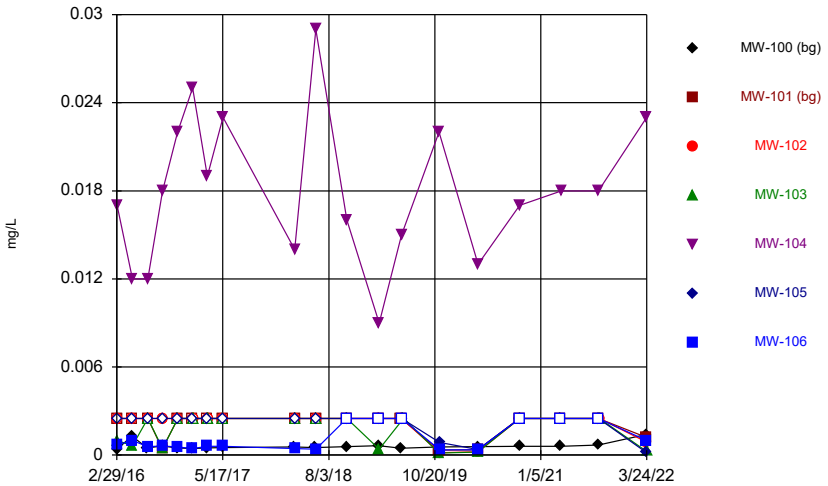
Time Series



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.

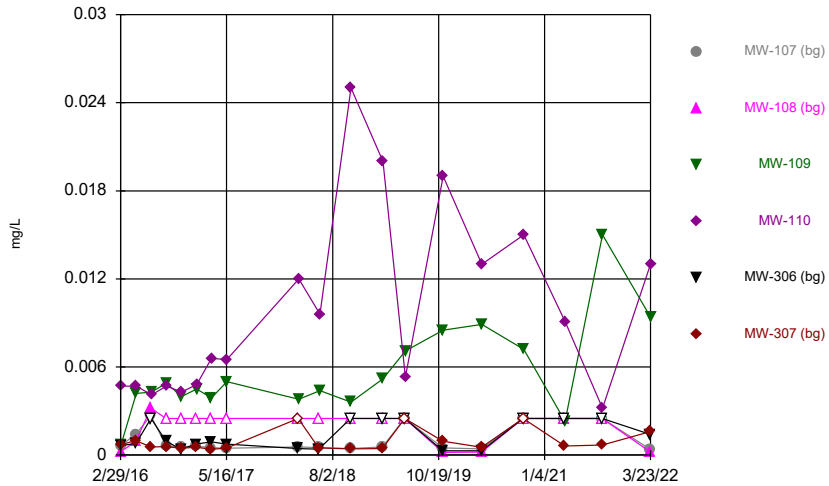
Time Series



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.

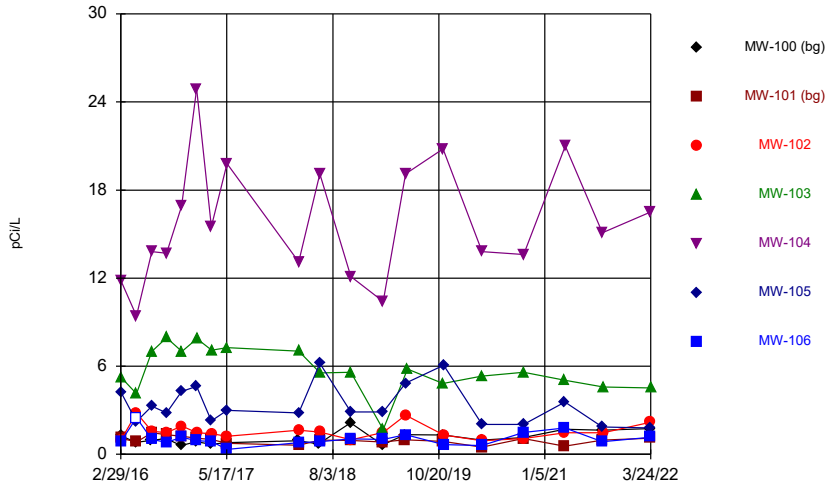
Time Series



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.

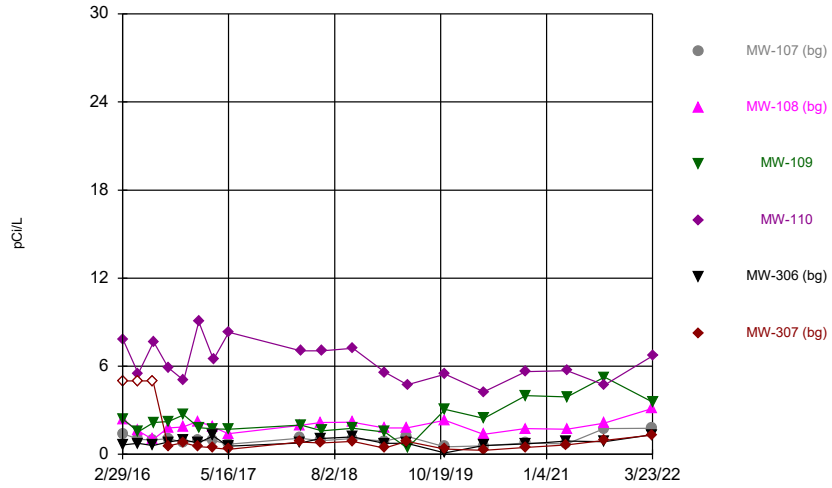
Time Series



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.

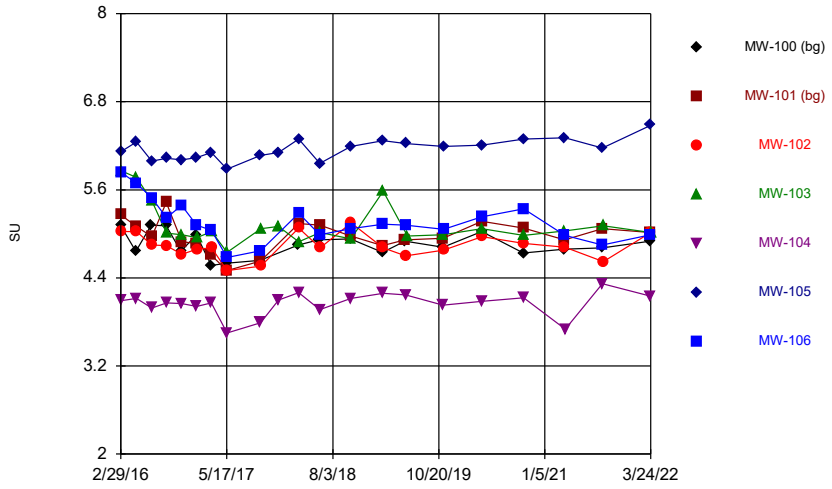
Time Series



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

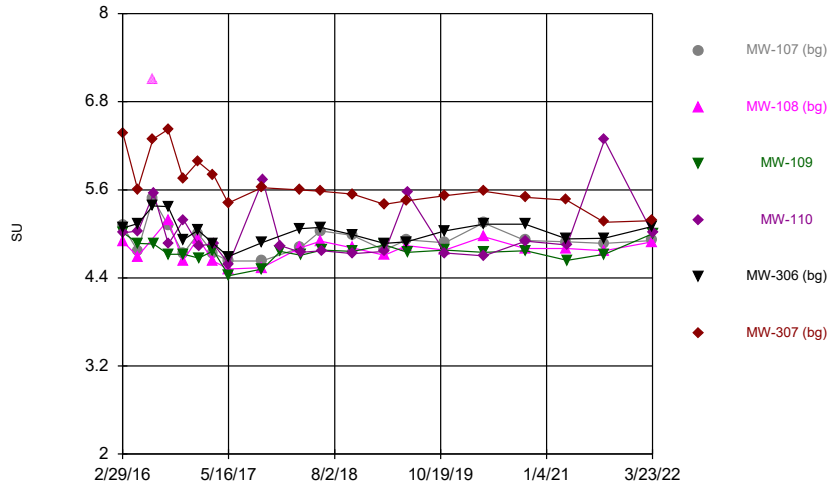
Time Series



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

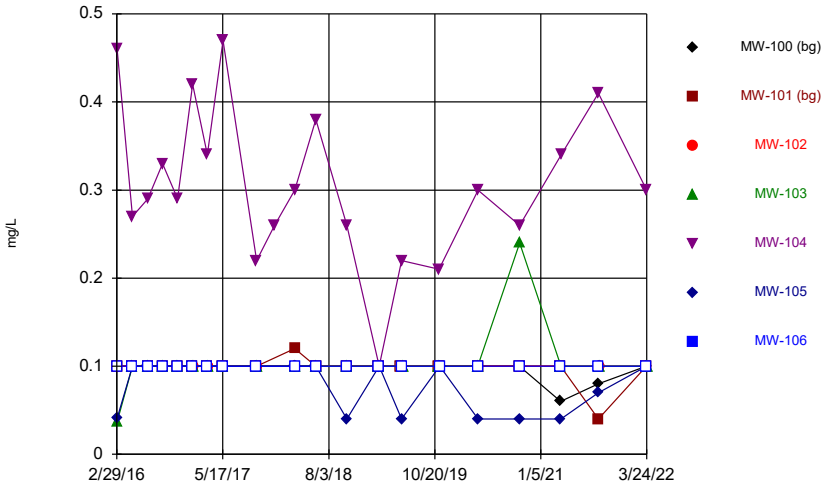
Time Series



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.

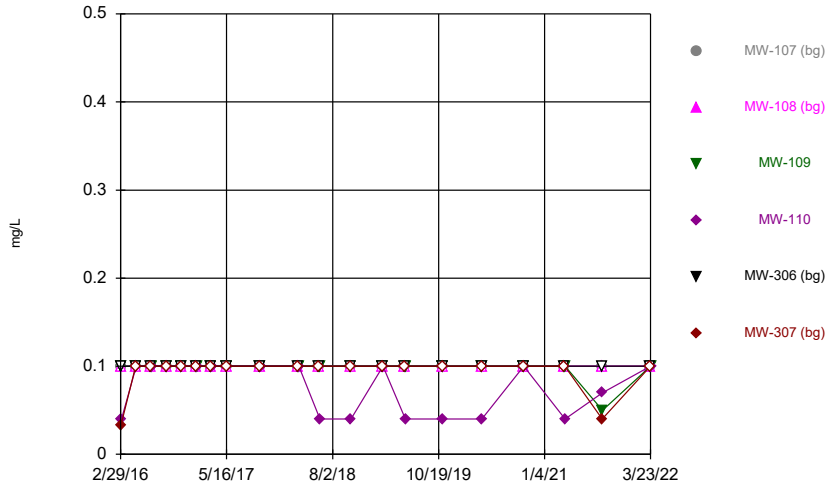
Time Series



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.

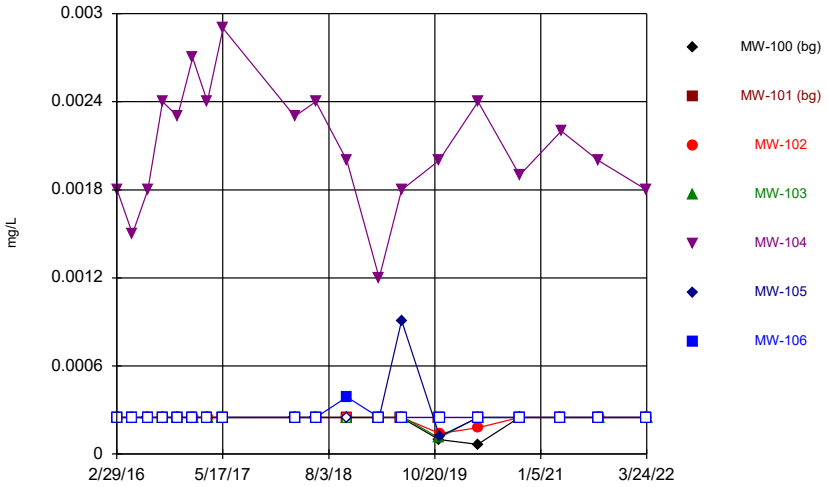
Time Series



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.

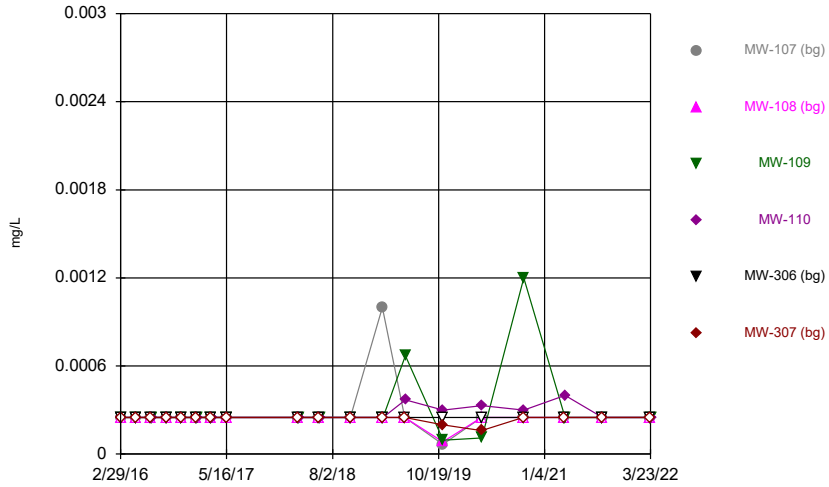
Time Series



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.

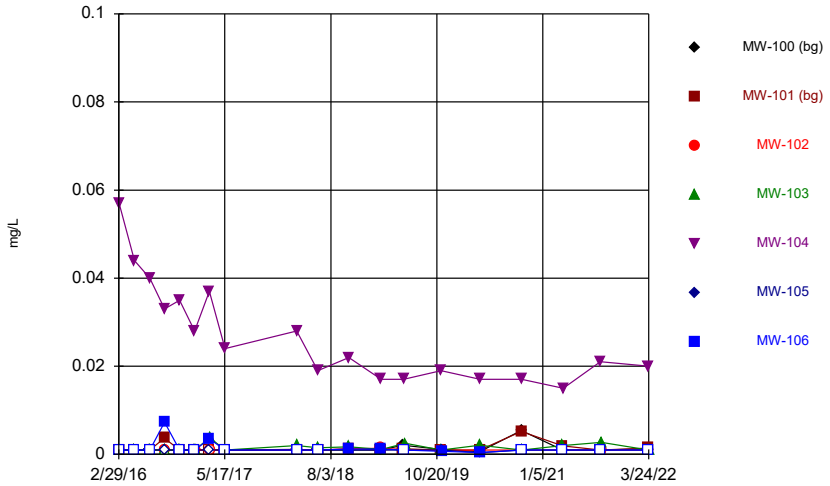
Time Series



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.

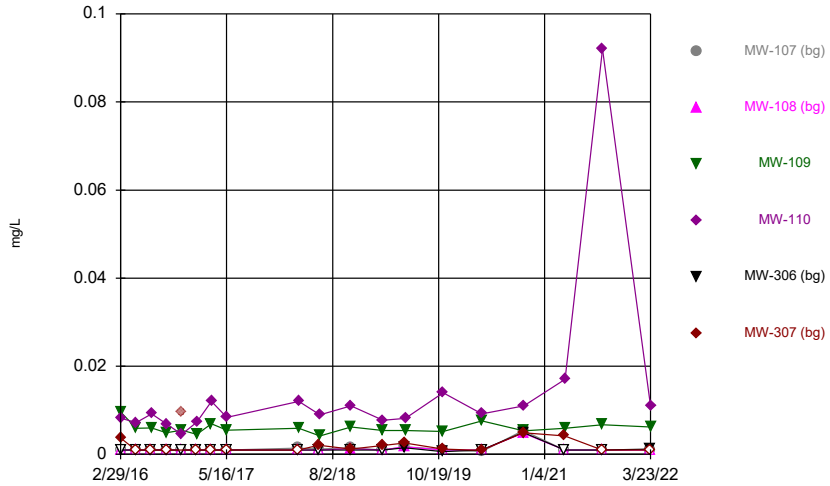
Time Series



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.

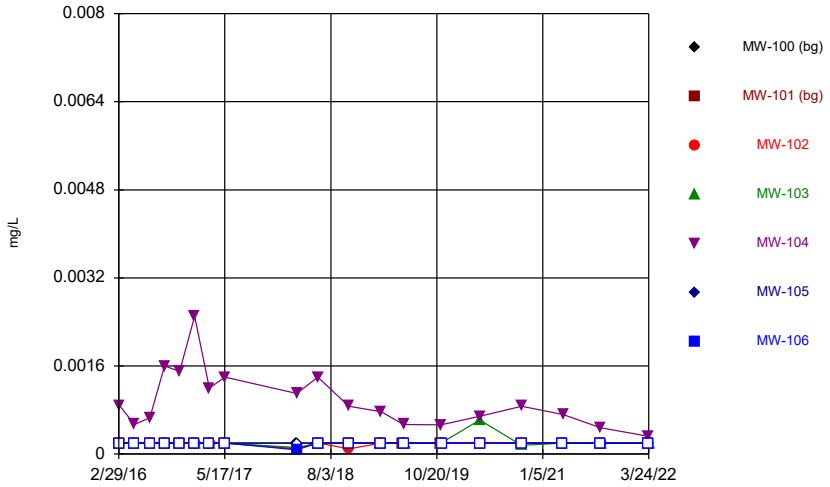
Time Series



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.

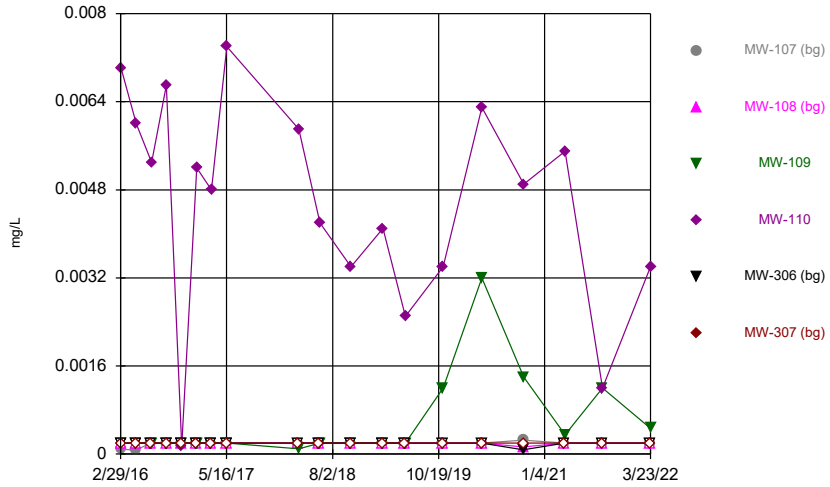
Time Series



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.

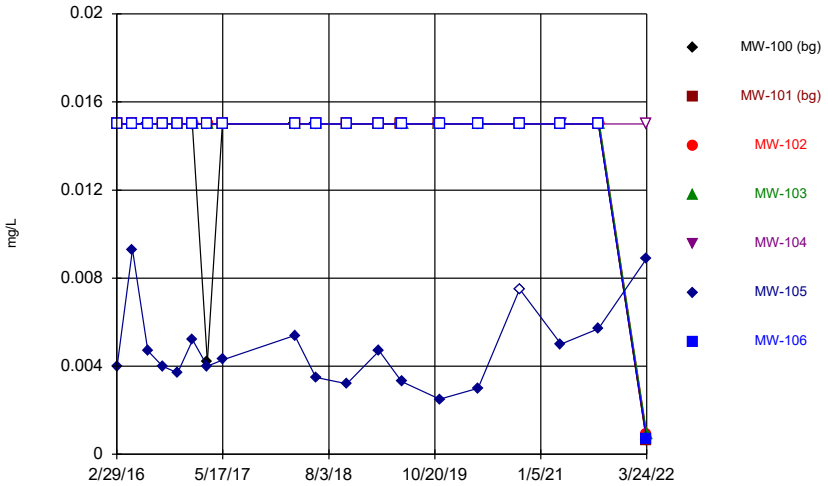
Time Series



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.

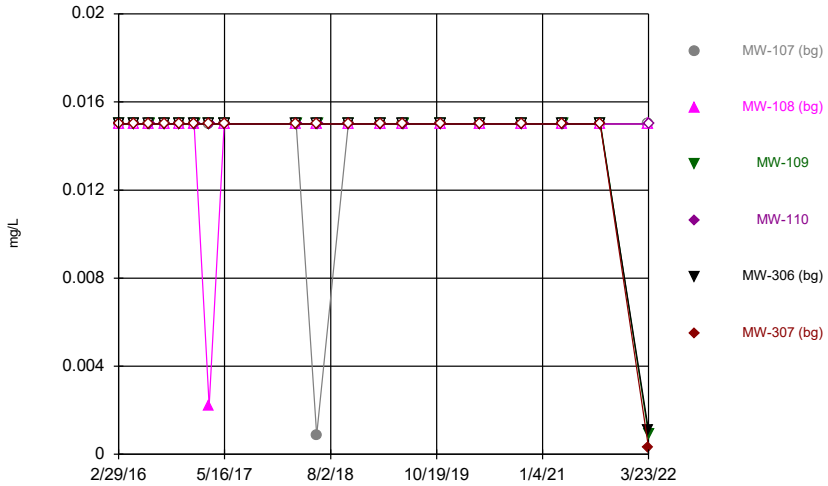
Time Series



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.

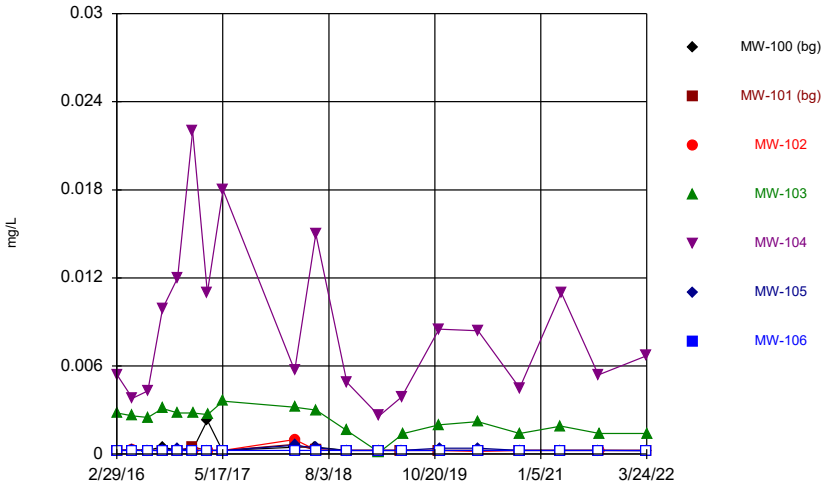
Time Series



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.

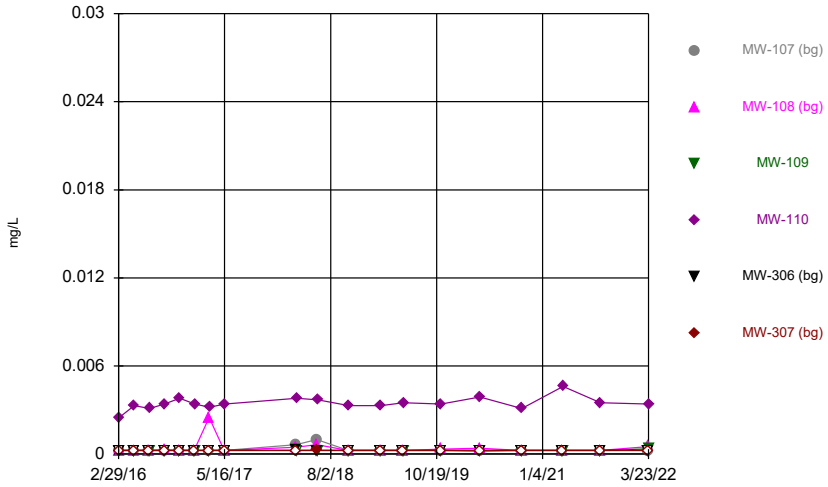
Time Series



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.

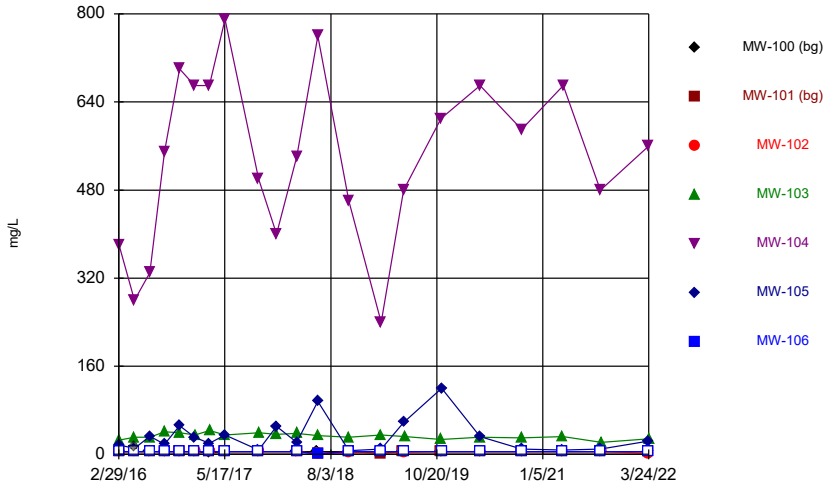
Time Series



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.

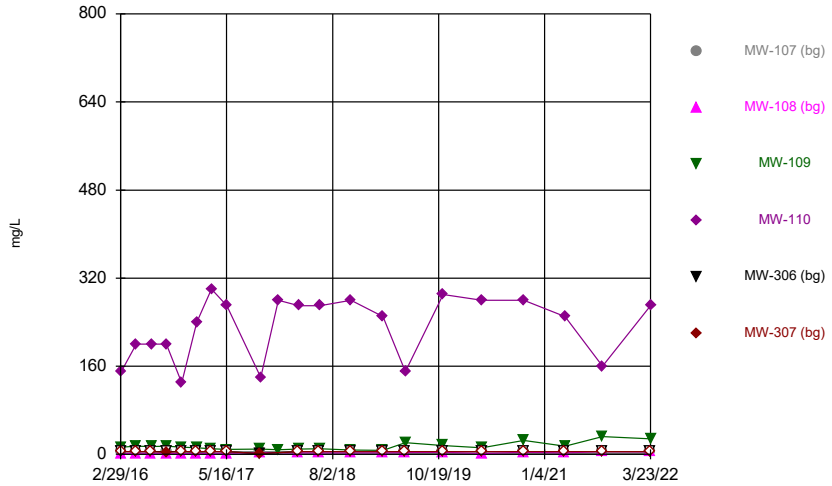
Time Series



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.

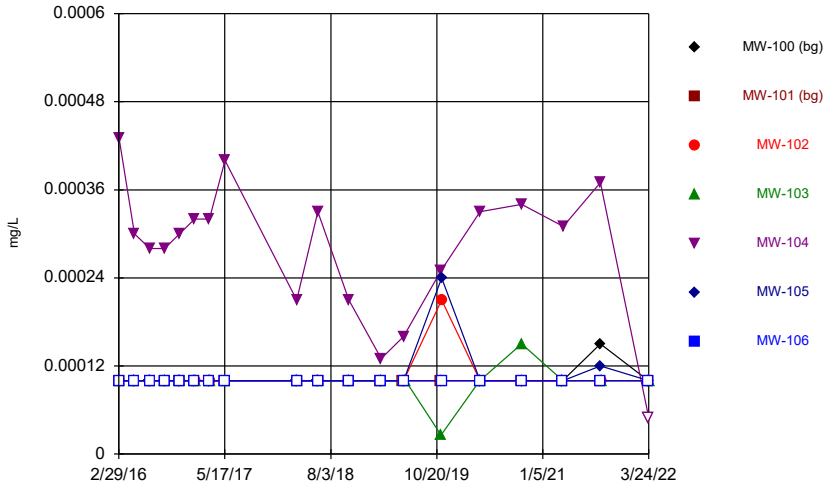
Time Series



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.

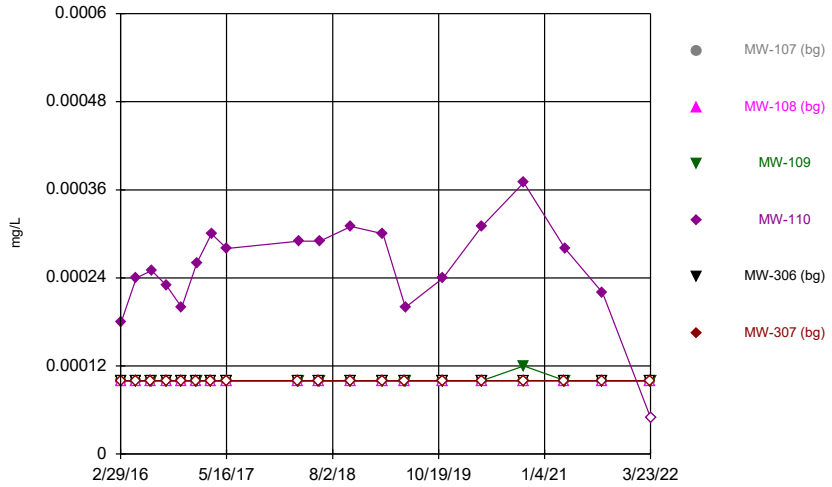
Time Series



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.

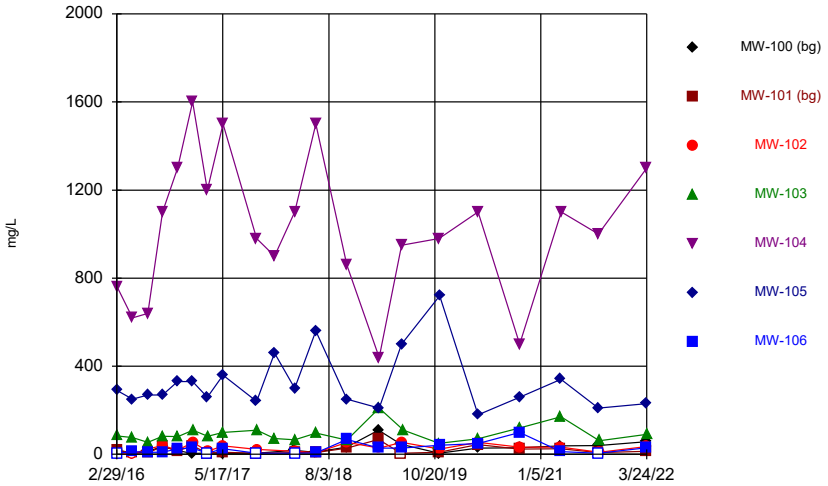
Time Series



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.

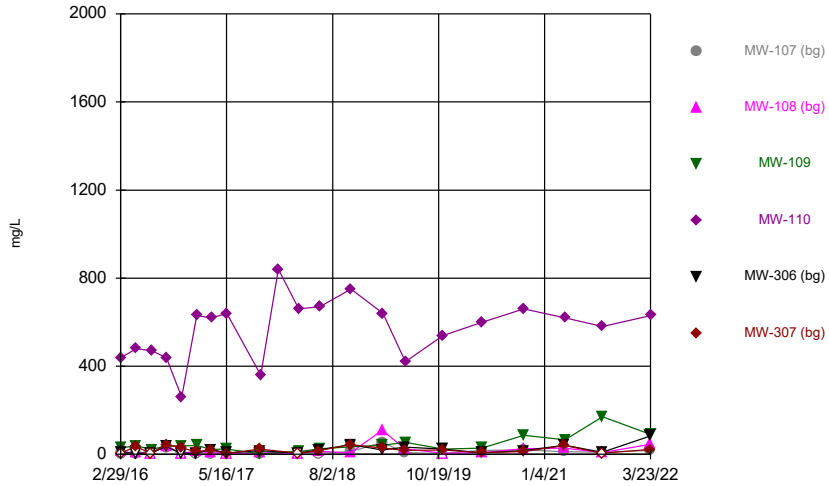
Time Series



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

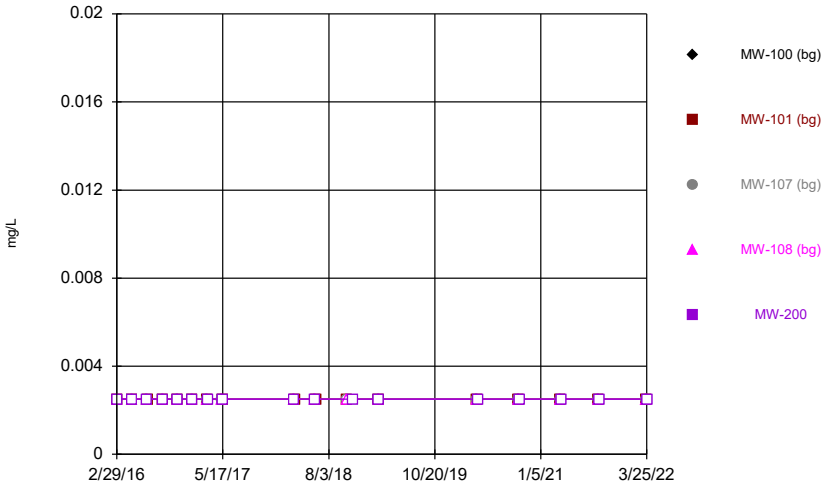
	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<5	12				
3/1/2016					10	<5
3/2/2016			30	440		
5/2/2016	<5	6				36
5/3/2016					<5	
5/5/2016			38	480		
7/5/2016	14	<5			<5	<5
7/7/2016			22	470		
9/6/2016	30	38			36	44
9/7/2016			38	440		
11/7/2016	8	<5			<5	30
11/10/2016			38	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.

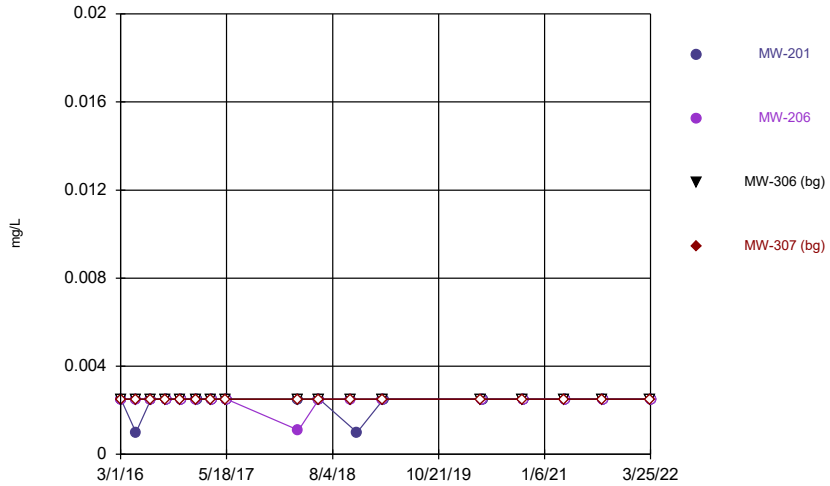
Time Series



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.

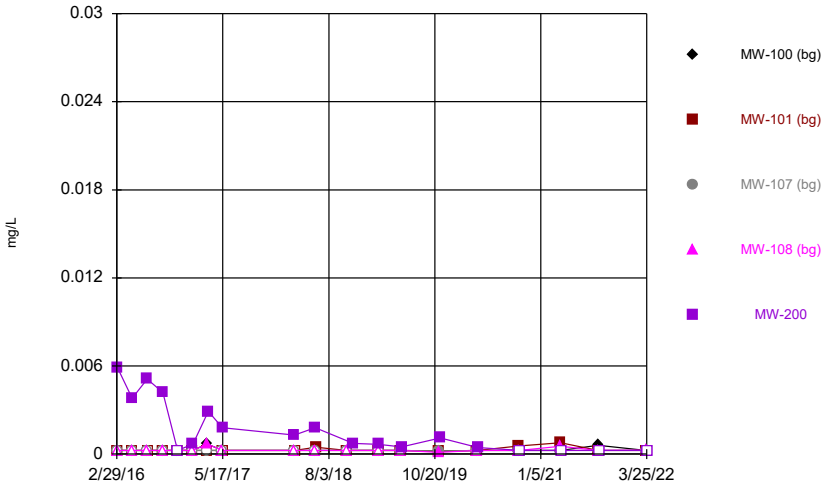
Time Series



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.

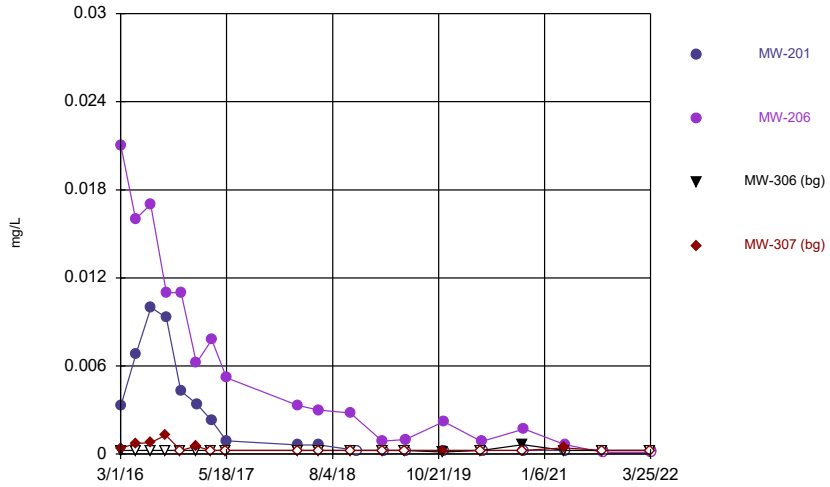
Time Series



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.

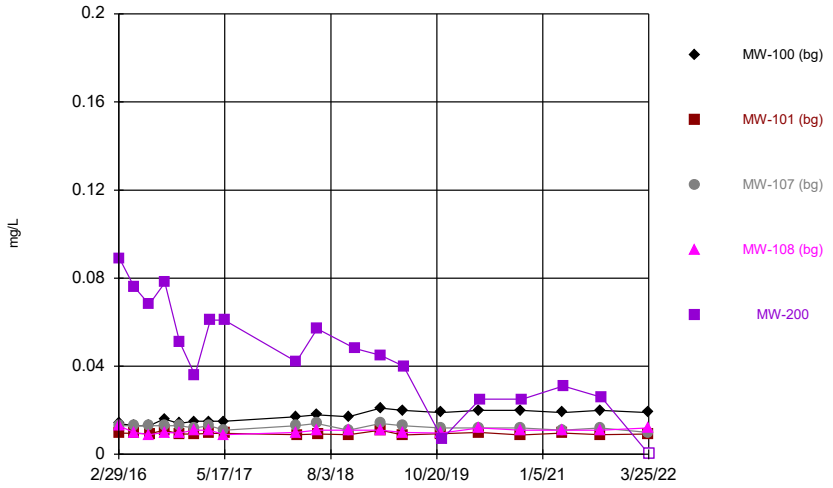
Time Series



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.

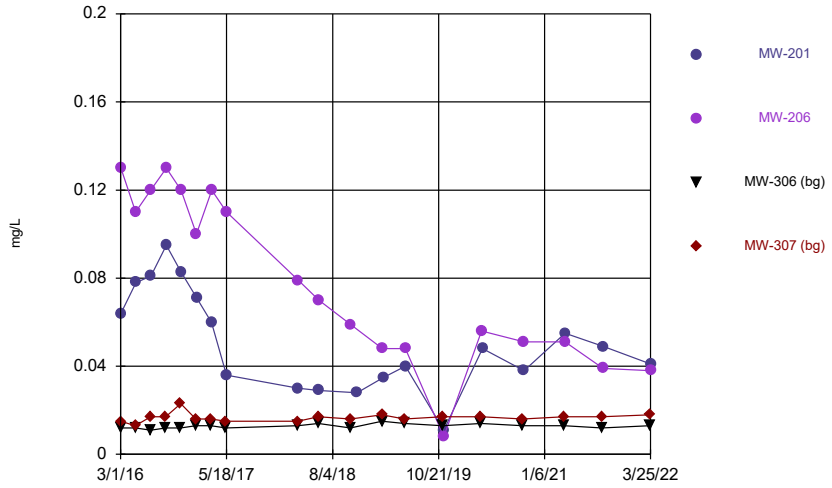
Time Series



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

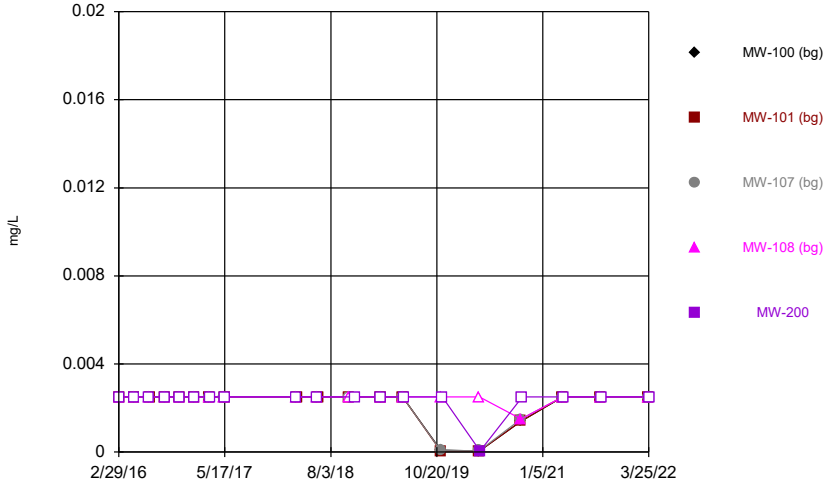
Time Series



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.

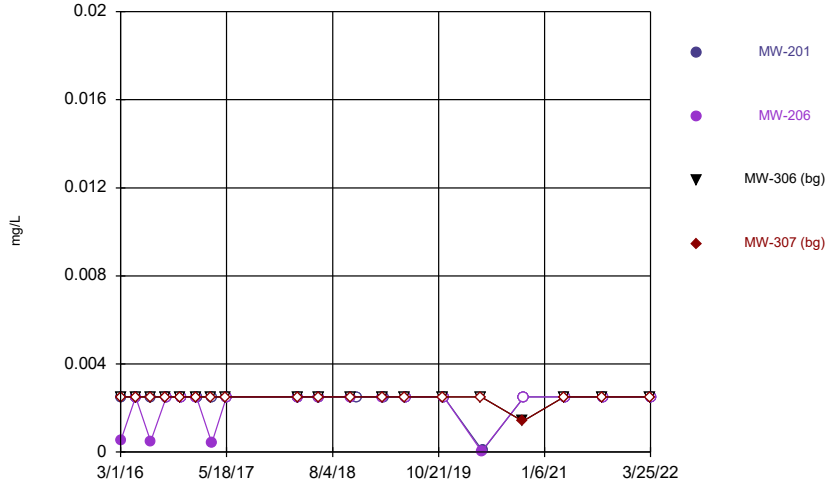
Time Series



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.

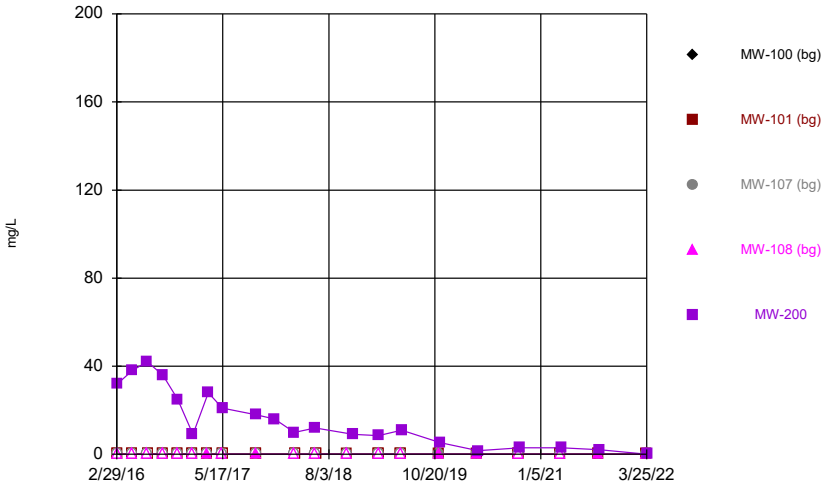
Time Series



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.

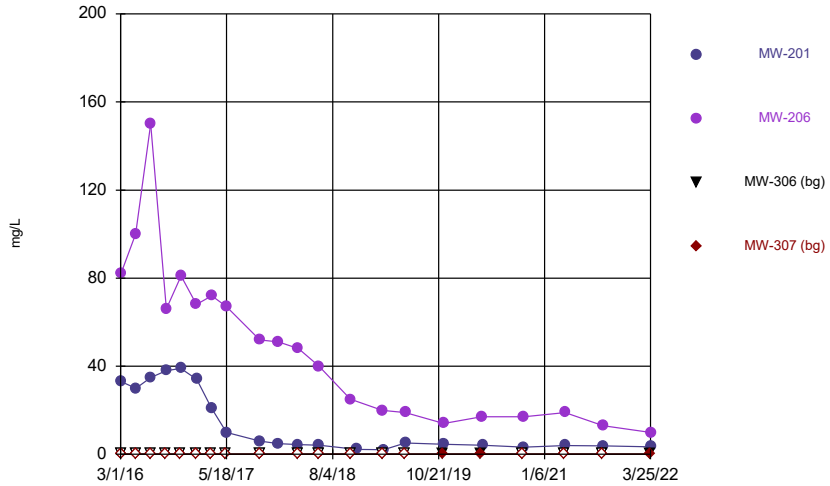
Time Series



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.

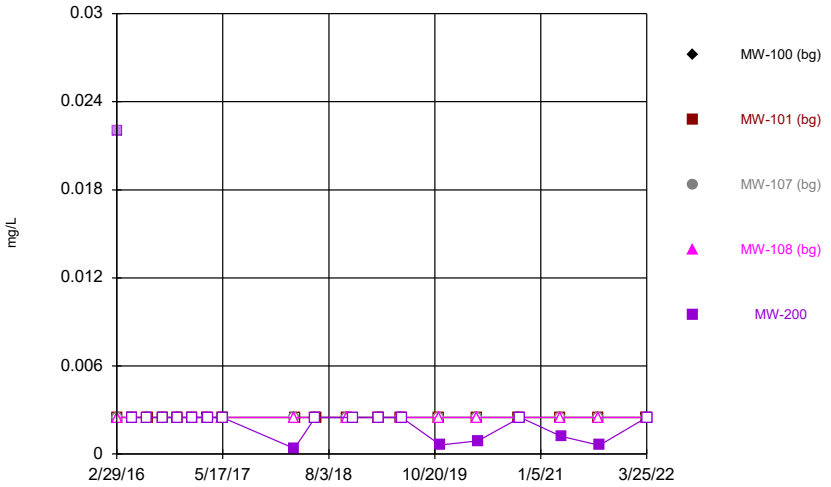
Time Series



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.

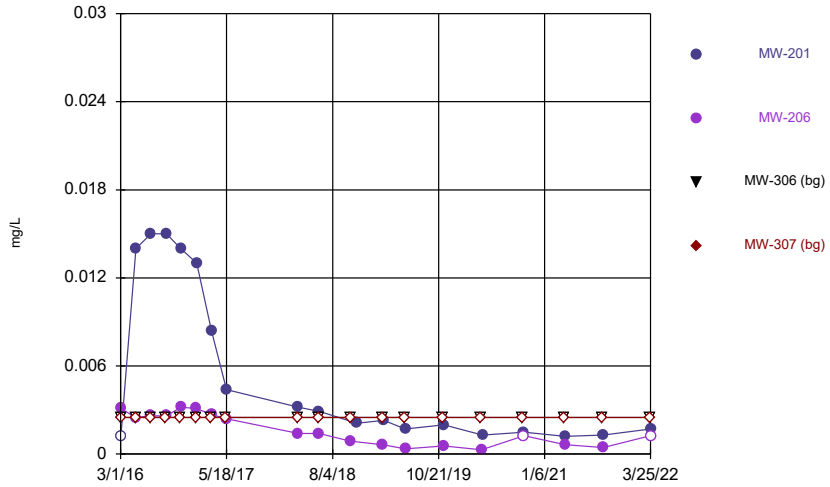
Time Series



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.

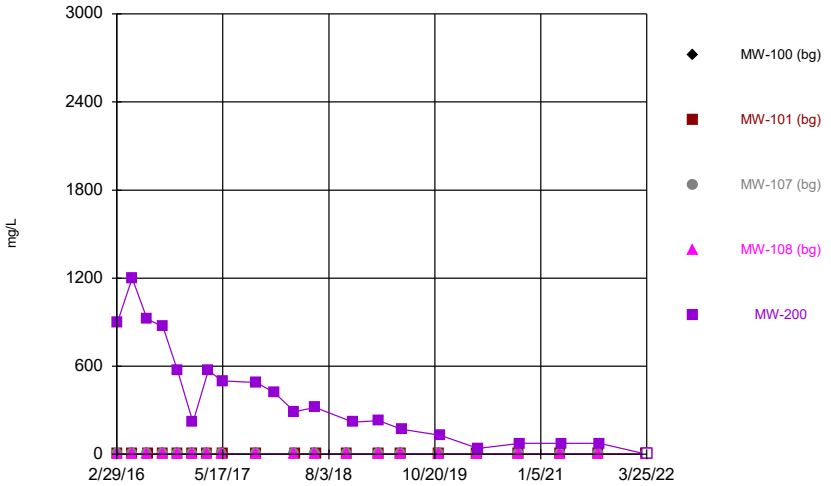
Time Series



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.

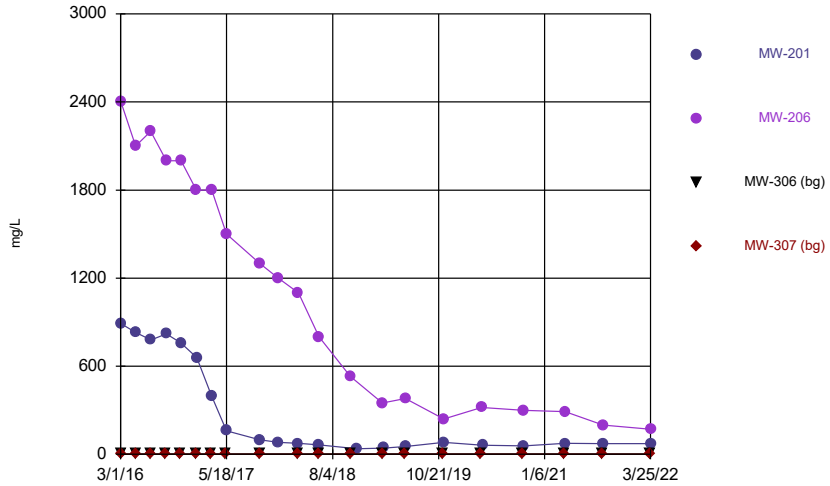
Time Series



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

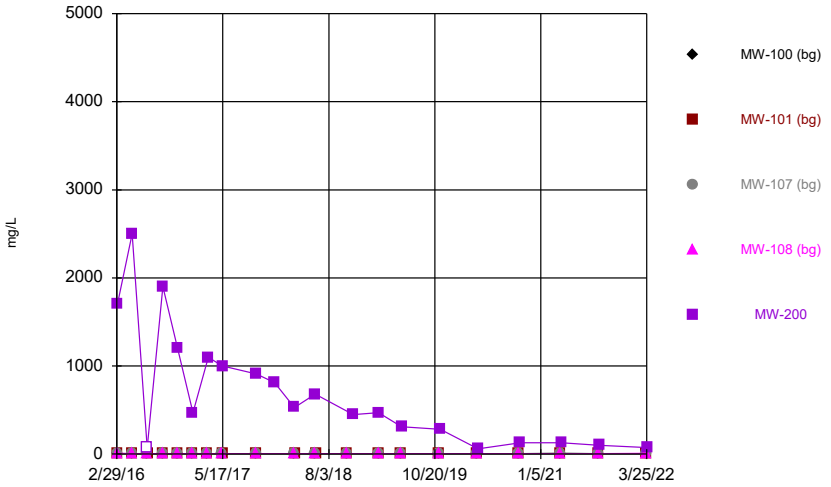
Time Series



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.

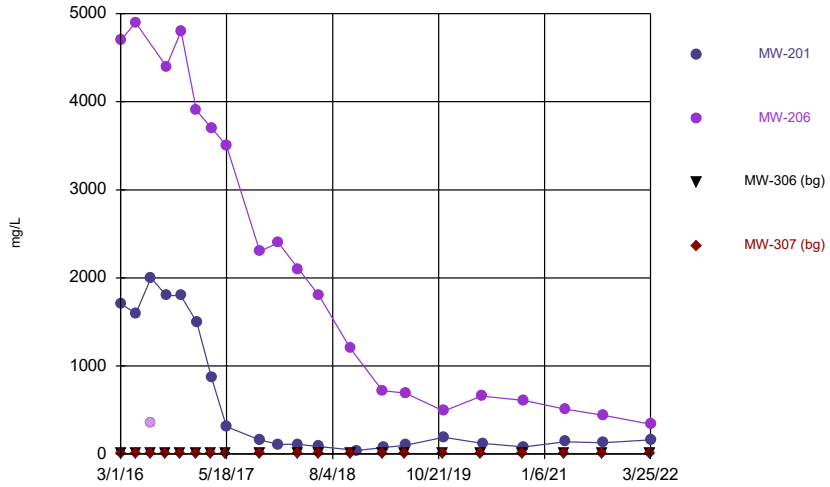
Time Series



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

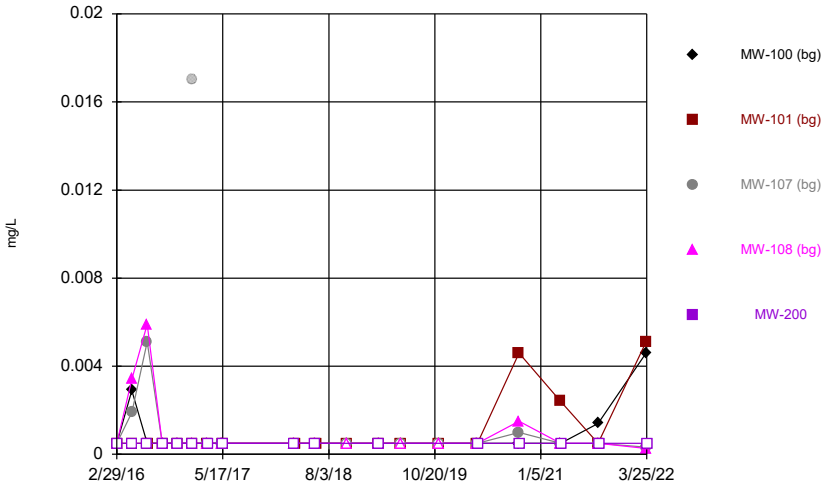
Time Series



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.

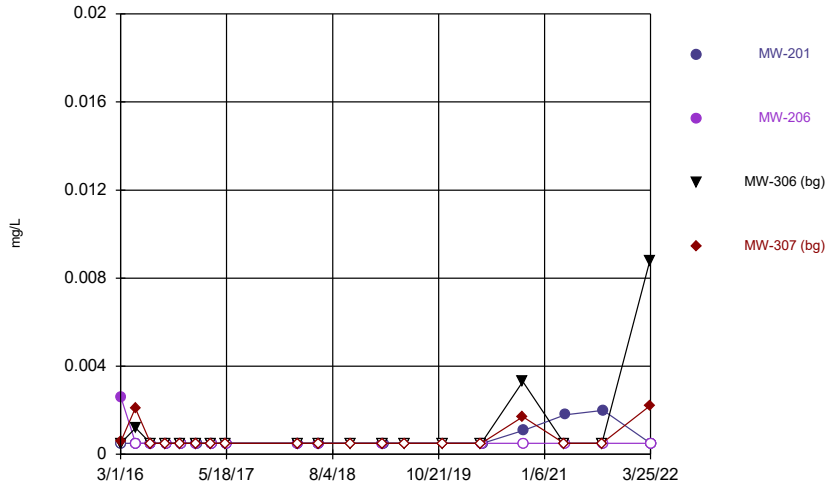
Time Series



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.

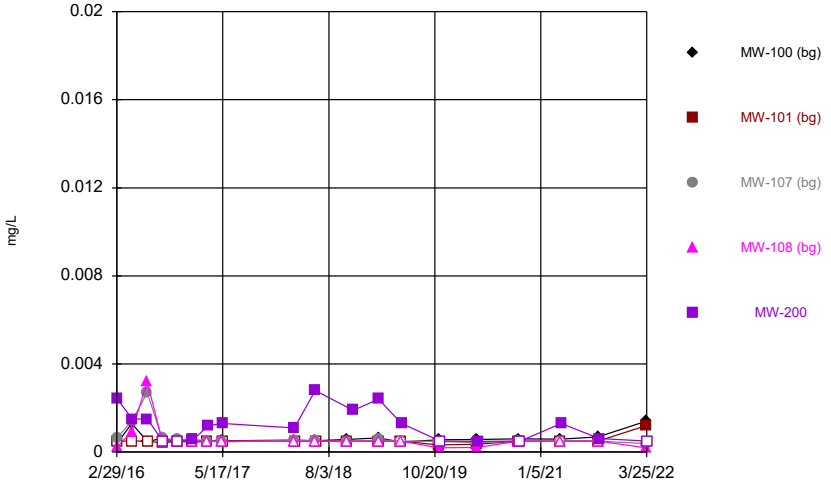
Time Series



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.

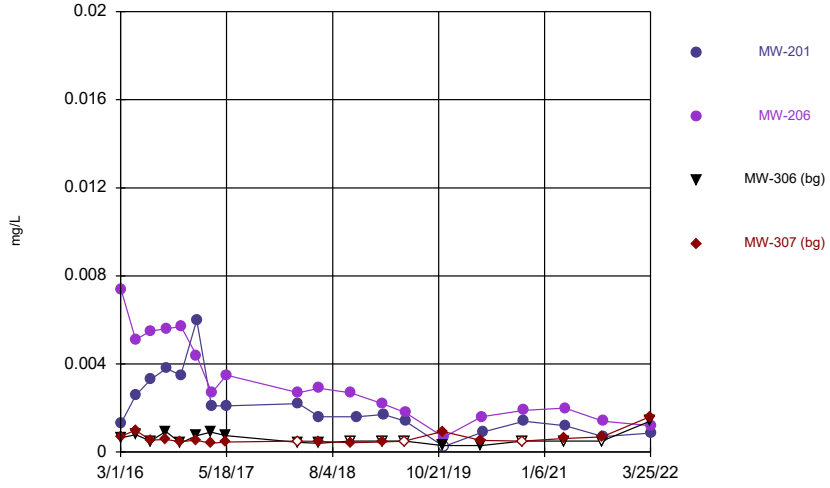
Time Series



Constituent: Cobalt Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

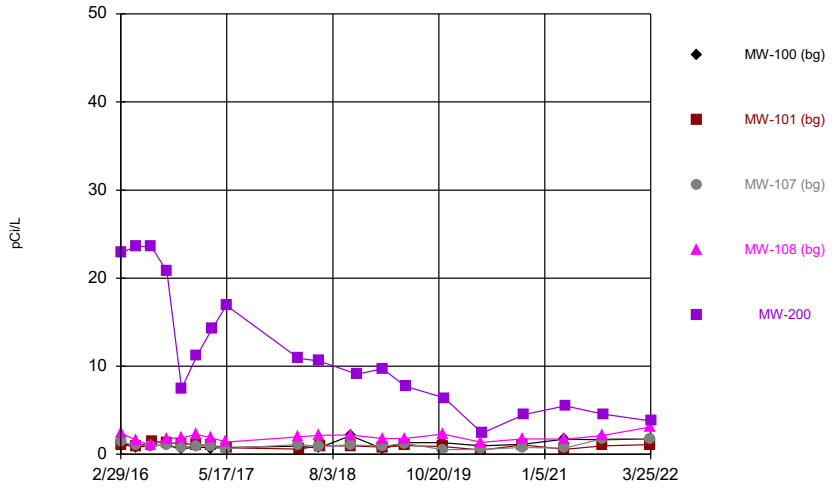
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



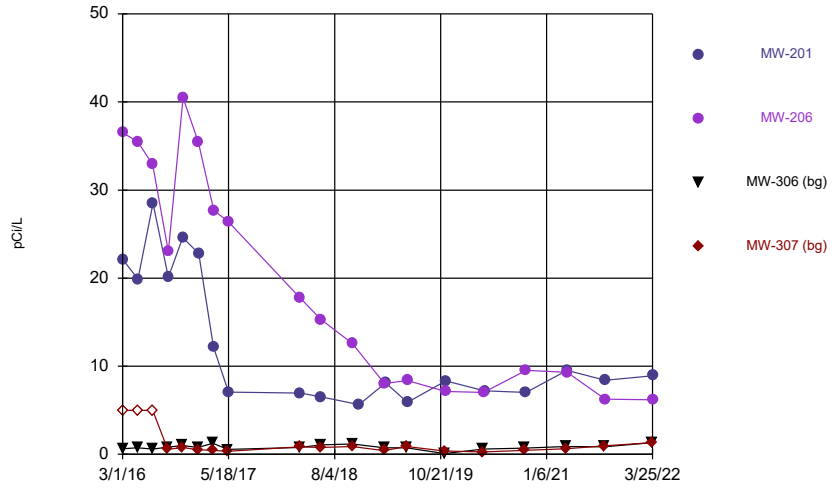
Constituent: Cobalt Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series



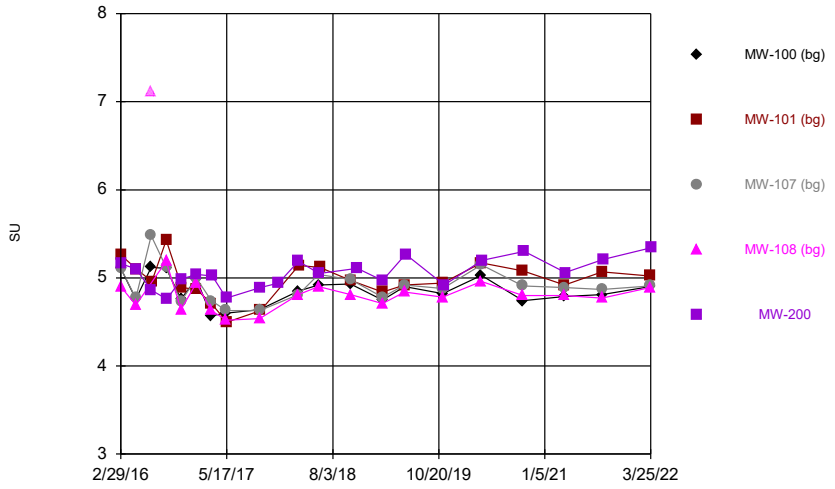
Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Time Series



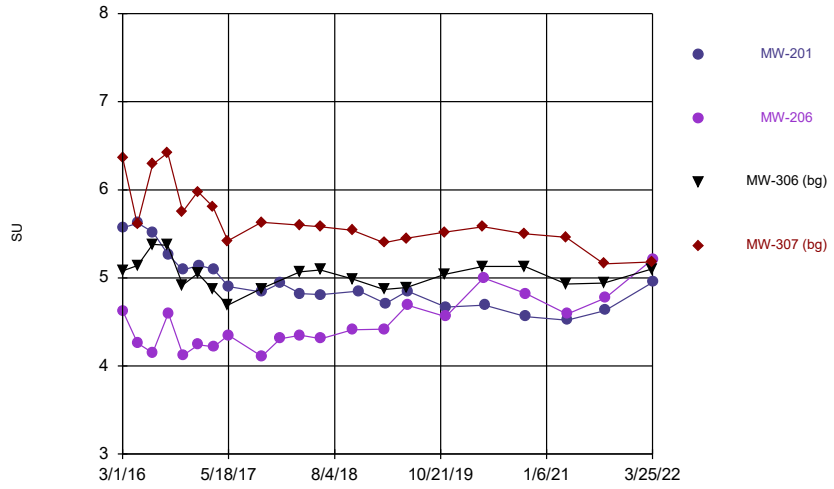
Constituent: Combined Radium 226 + 228 Analysis Run 1/12/2023 11:28 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

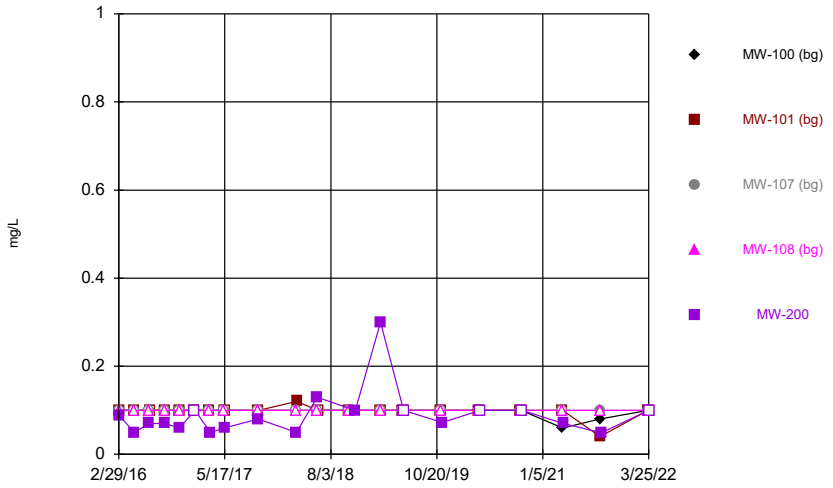
Time Series



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.

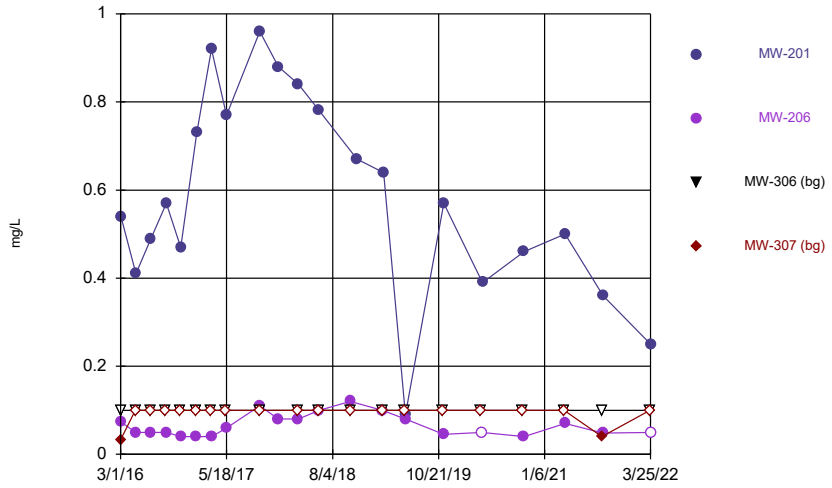
Time Series



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.

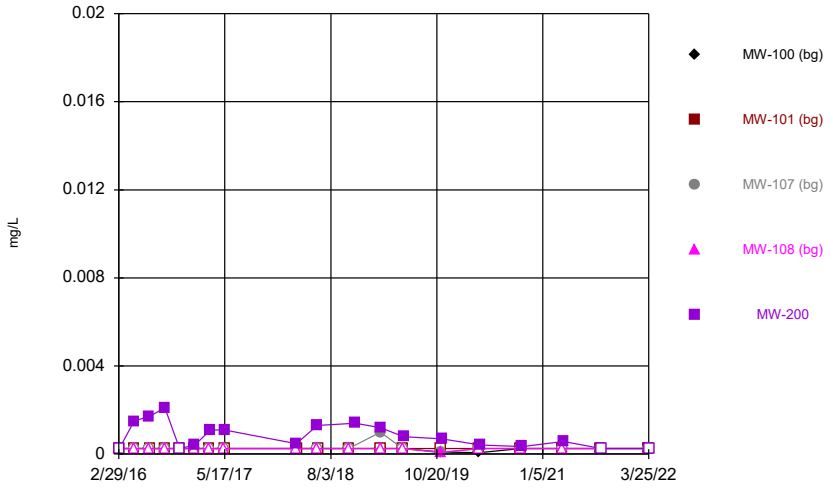
Time Series



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.

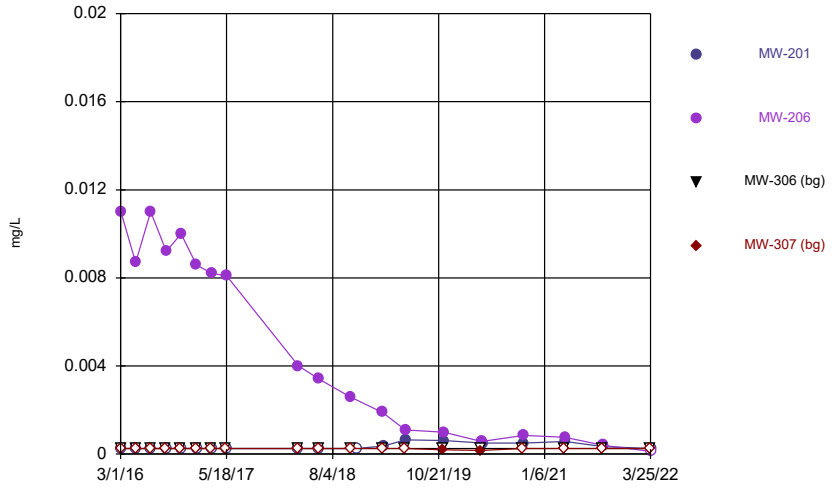
Time Series



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.

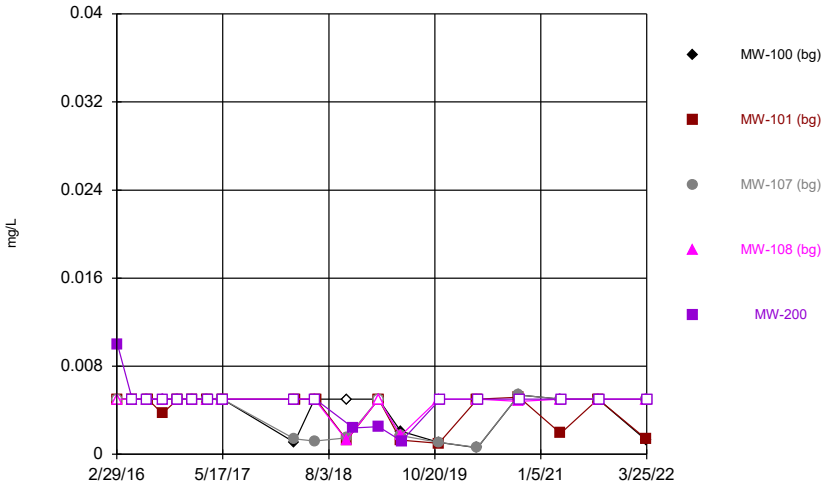
Time Series



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.

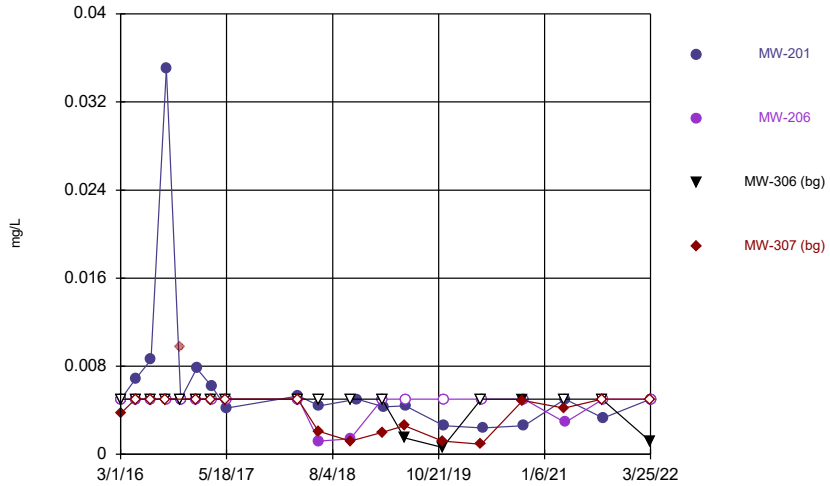
Time Series



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.

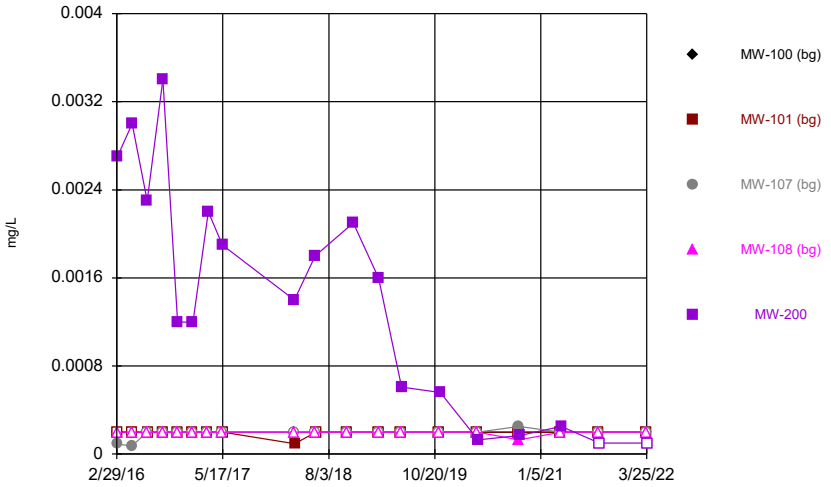
Time Series



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.

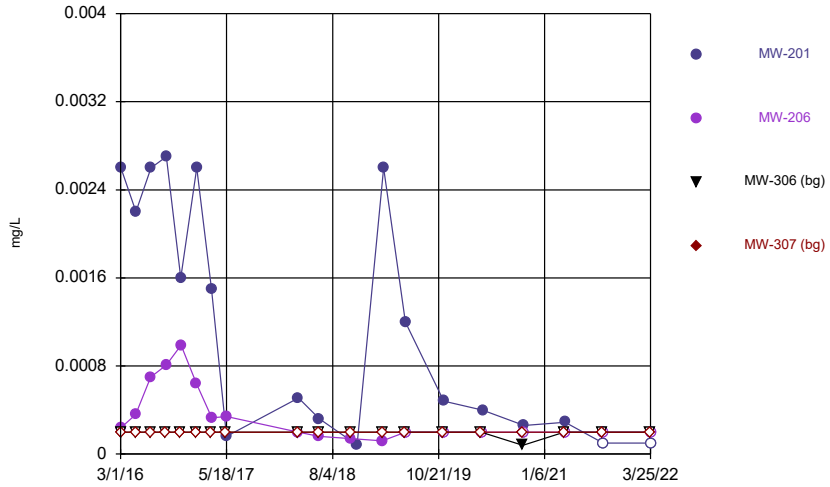
Time Series



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.

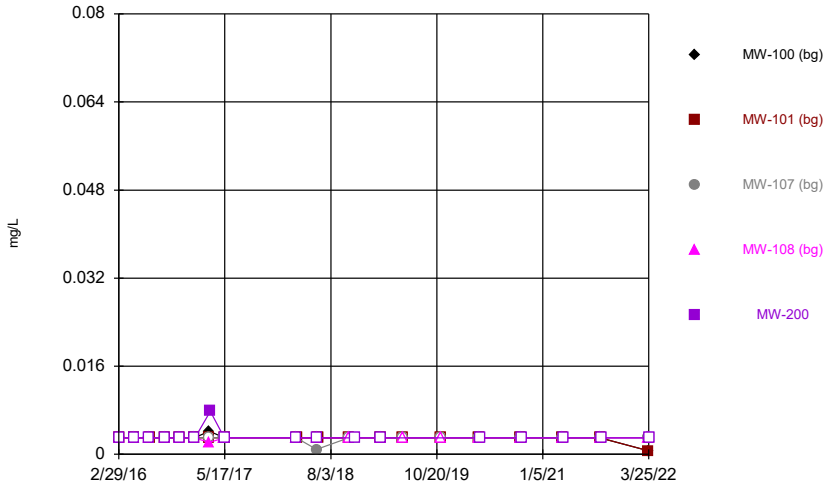
Time Series



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.

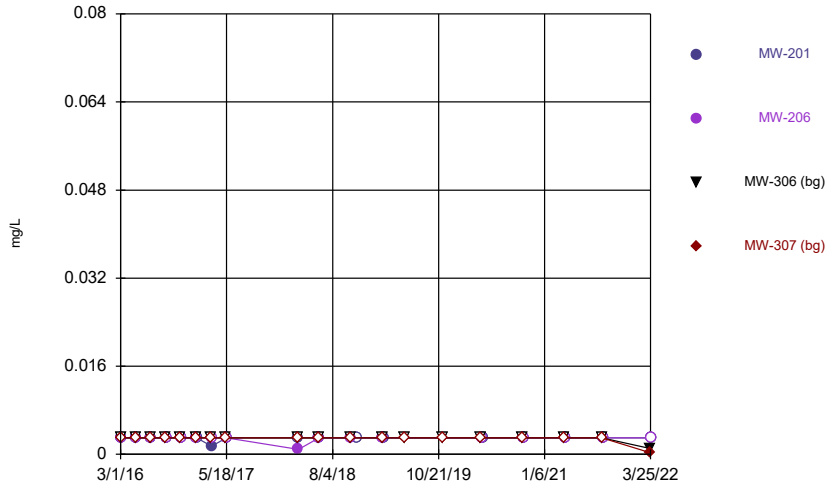
Time Series



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.

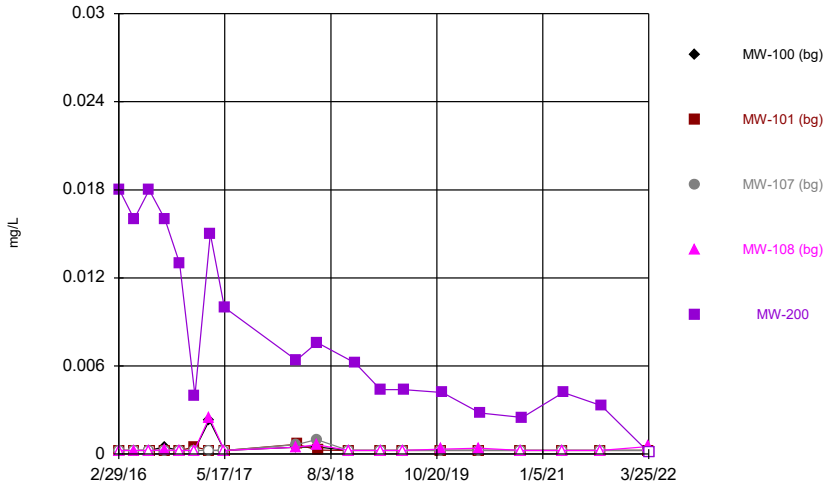
Time Series



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.

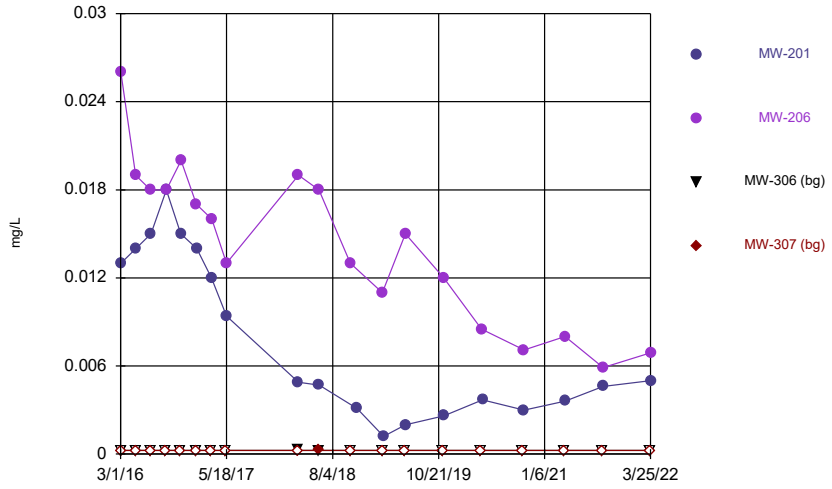
Time Series



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.

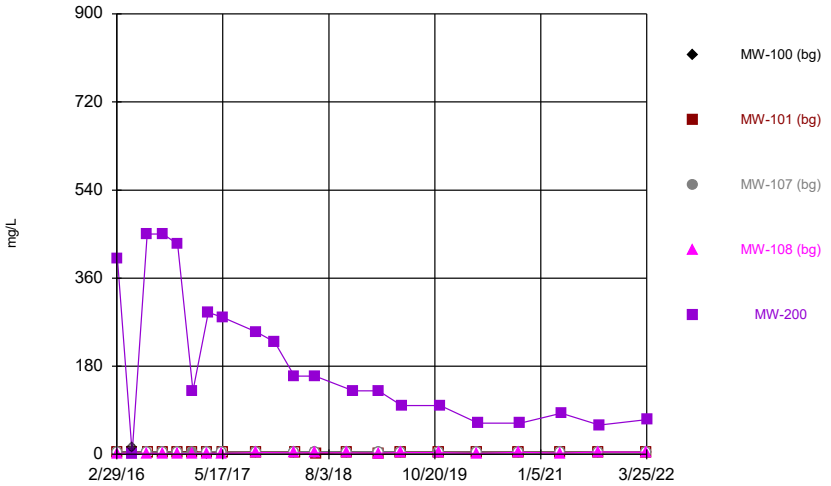
Time Series



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.

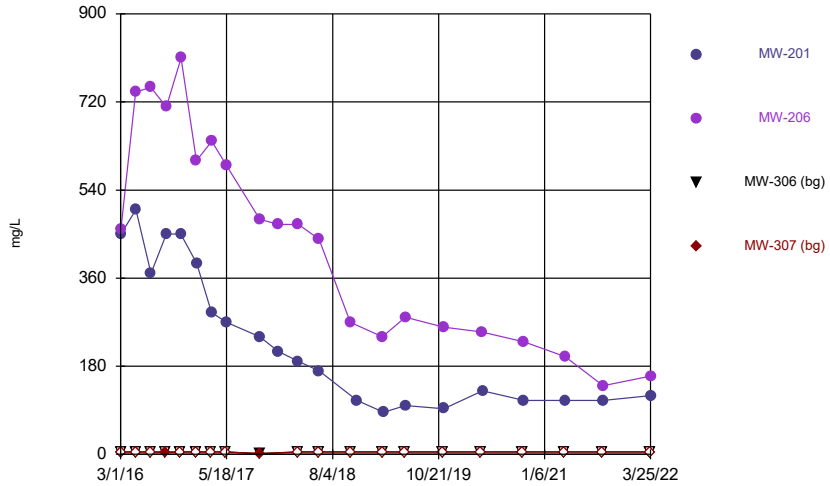
Time Series



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.

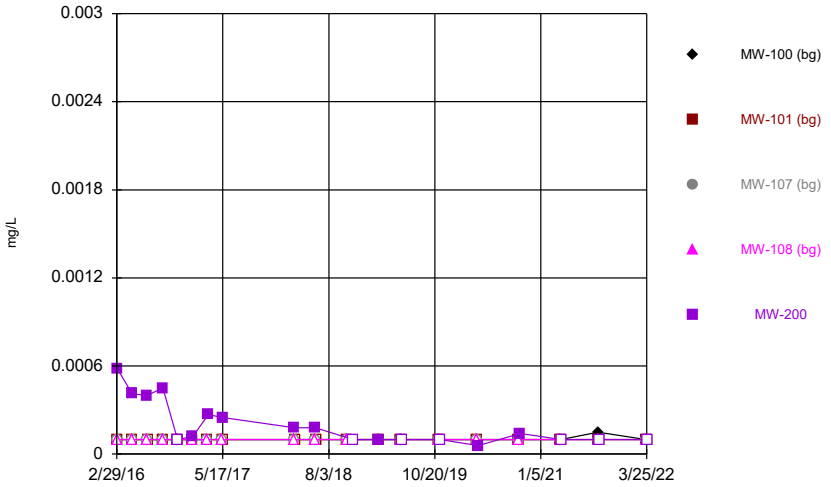
Time Series



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.

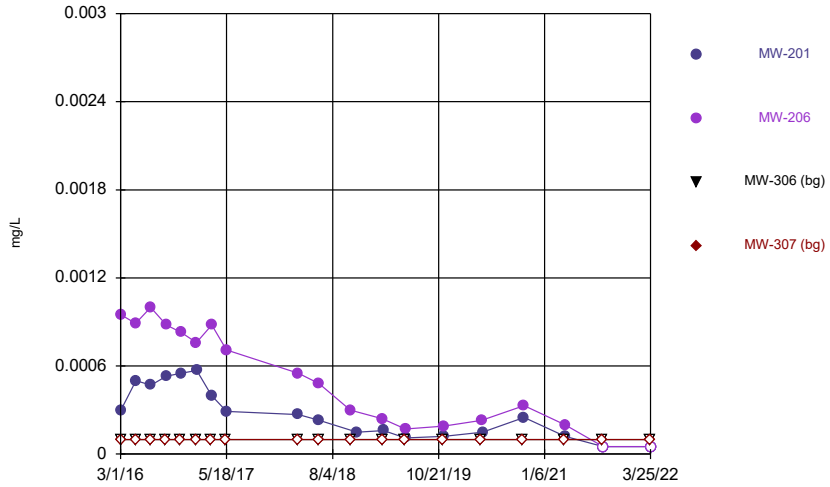
Time Series



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.

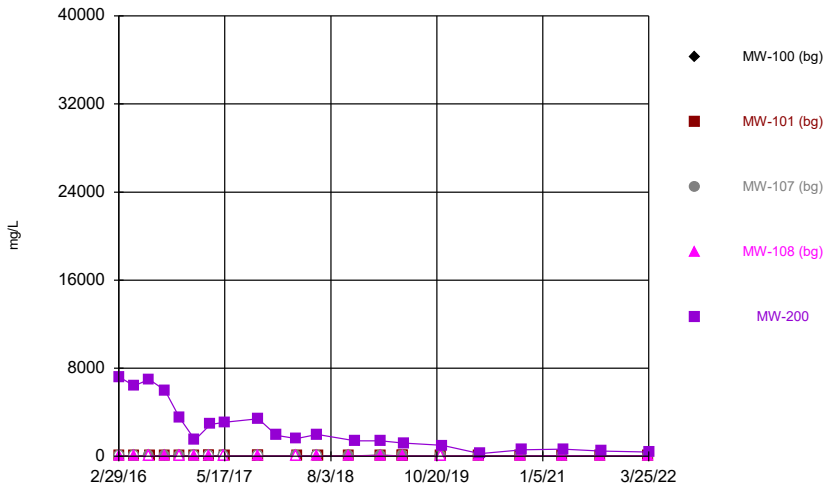
Time Series



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.

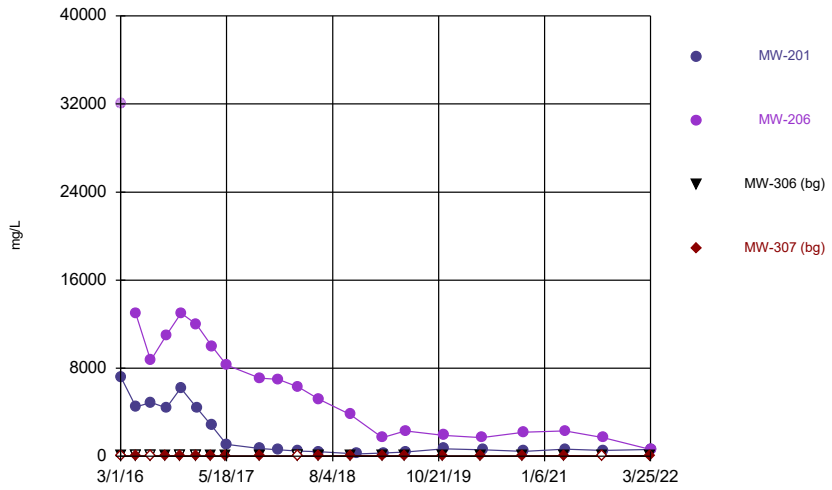
Time Series



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

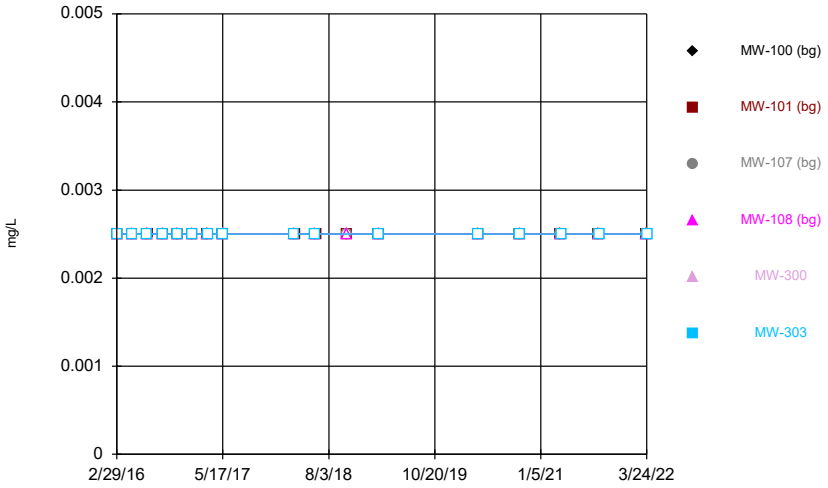
	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			10	<5
3/2/2016	7200	32000 (o)		
5/2/2016				36
5/3/2016		13000	<5	
5/4/2016	4500			
7/5/2016		8700	<5	<5
7/6/2016	4900			
9/6/2016			36	44
9/8/2016	4400	11000 (Q)		
11/7/2016			<5	30
11/8/2016	6200			
11/9/2016		13000		
1/9/2017			<5	12
1/12/2017		12000		
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.

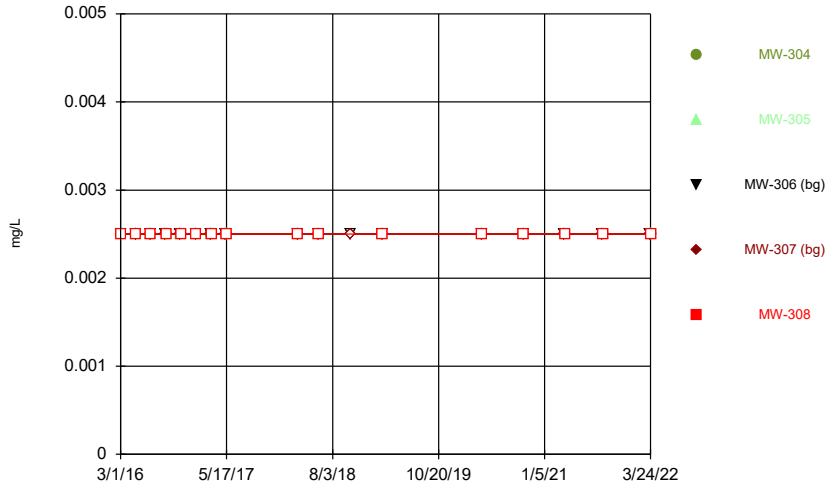
Time Series



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.

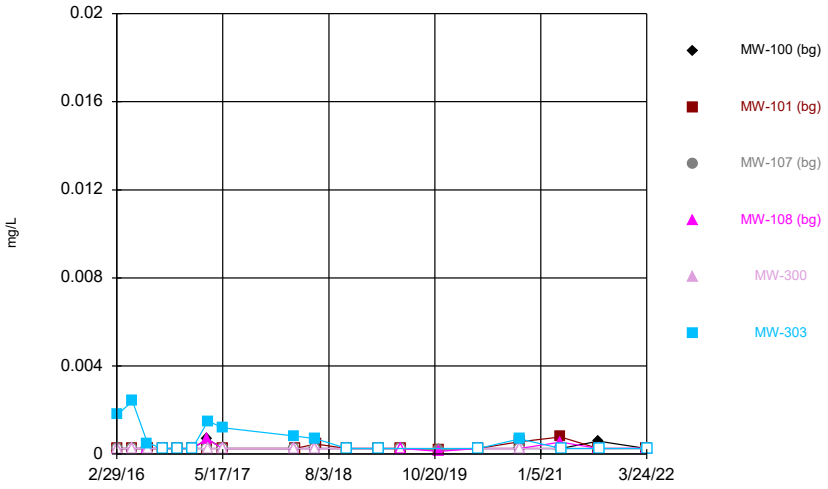
Time Series



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.

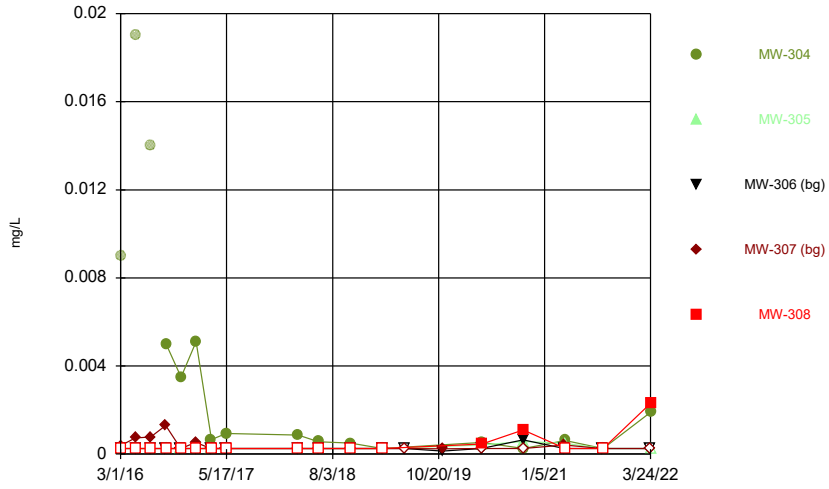
Time Series



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.

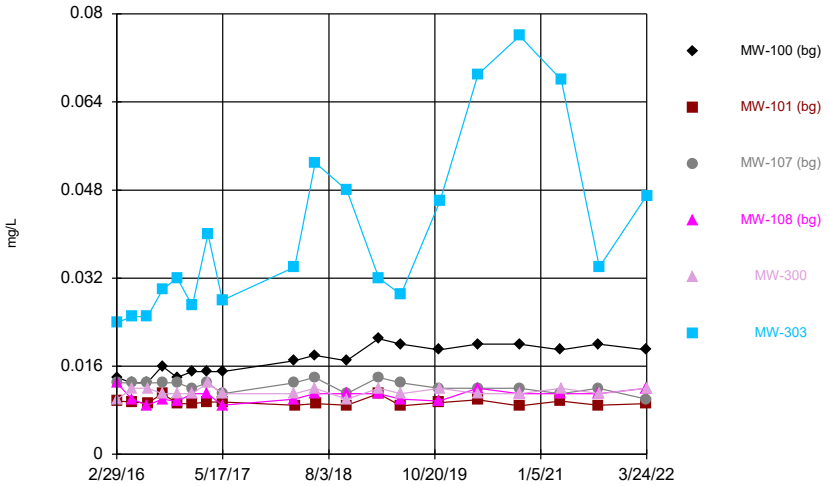
Time Series



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

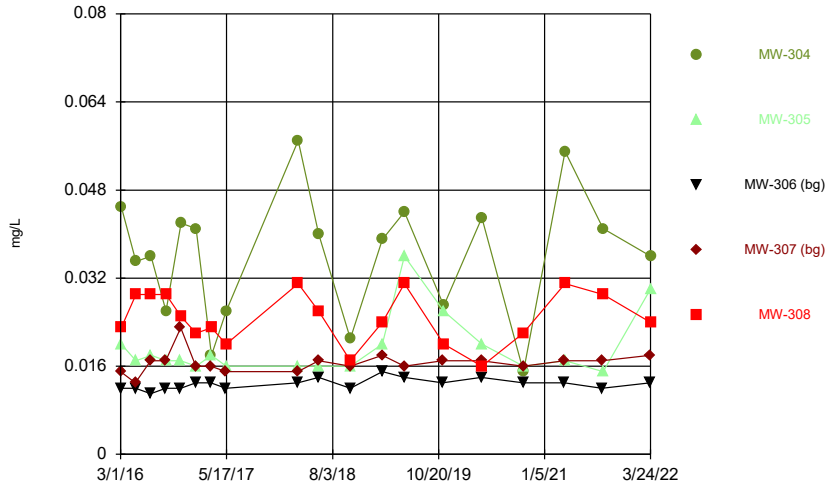
Time Series



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

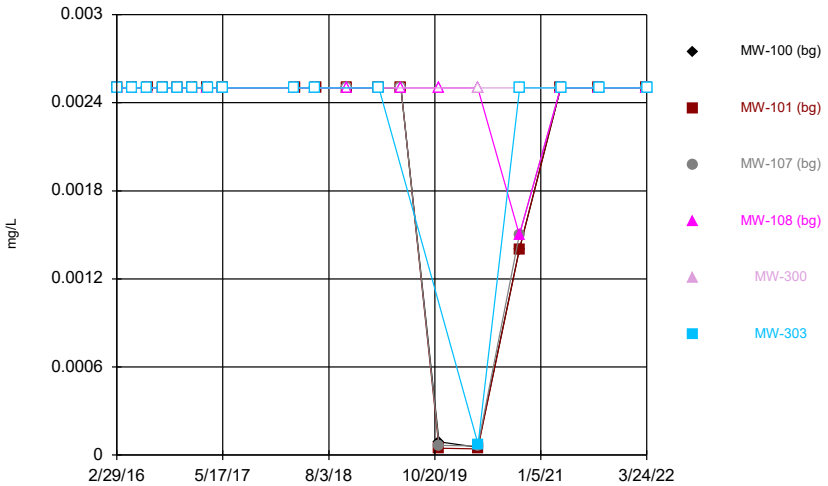
Time Series



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.

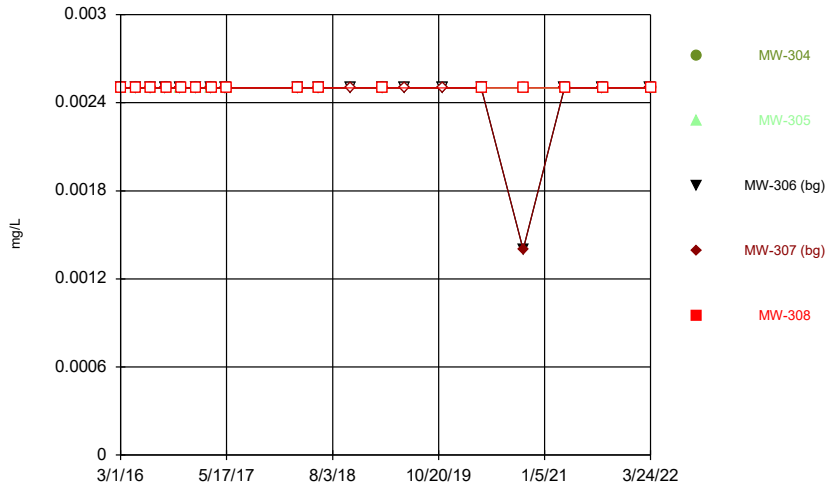
Time Series



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.

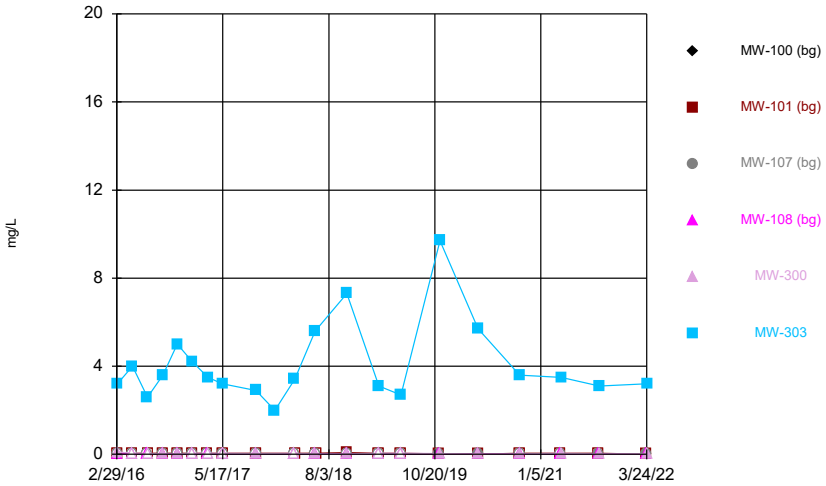
Time Series



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.

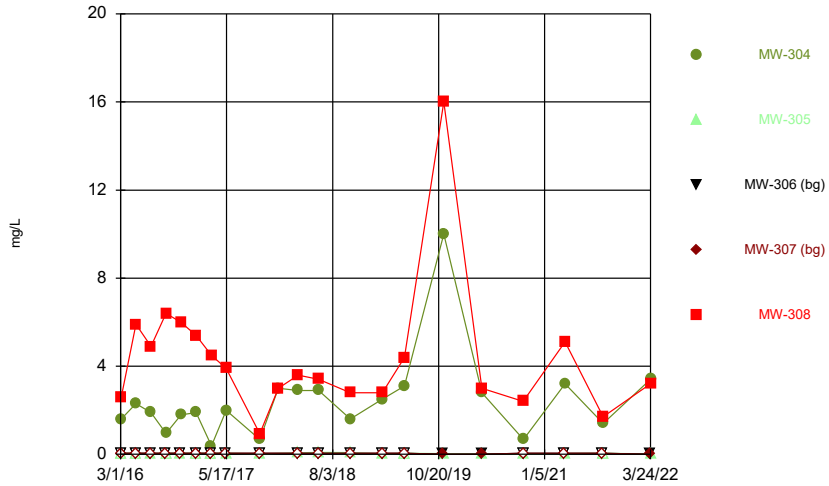
Time Series



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.

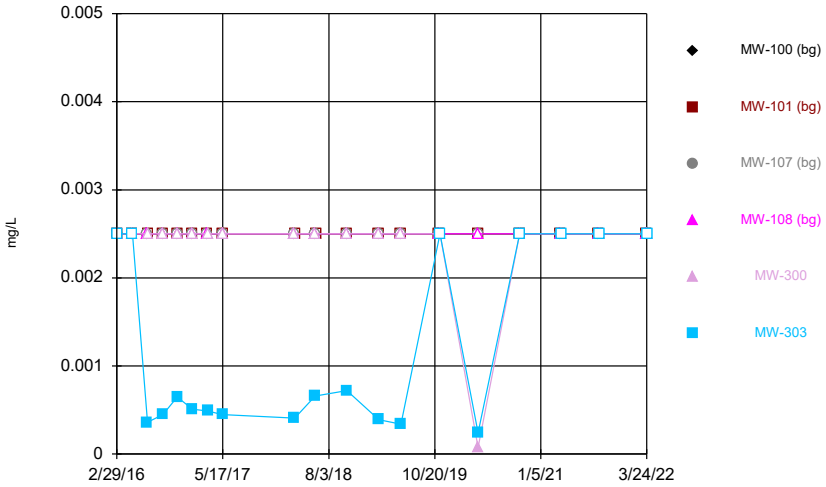
Time Series



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.

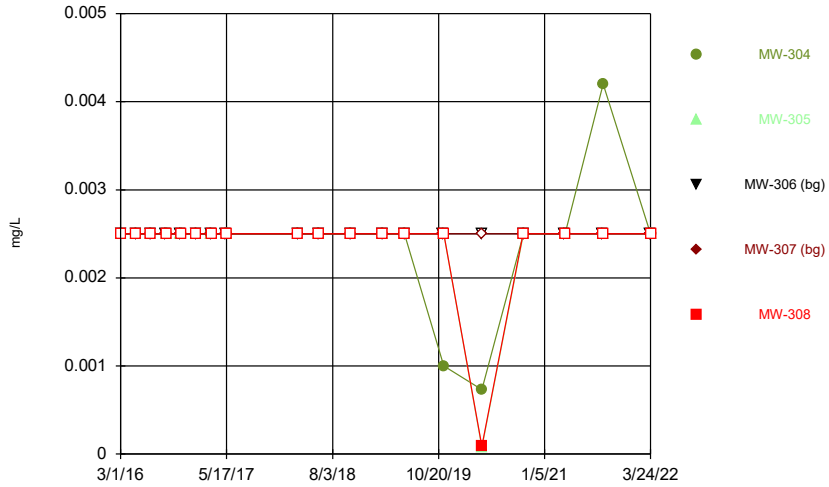
Time Series



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.

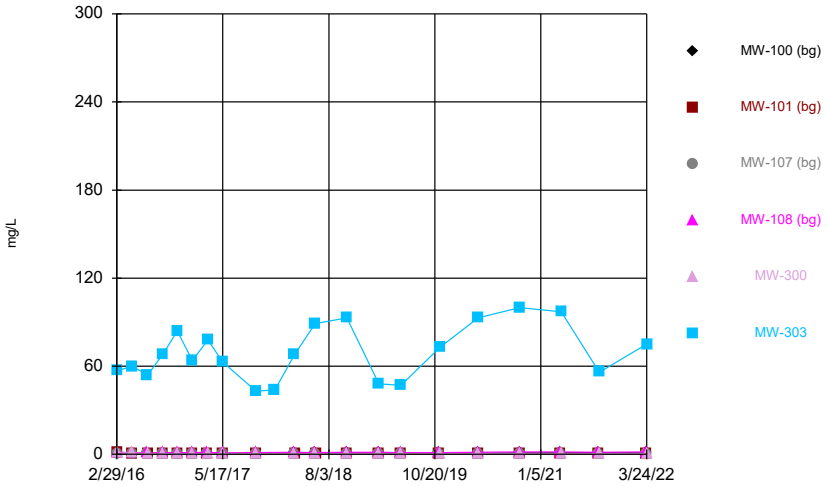
Time Series



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

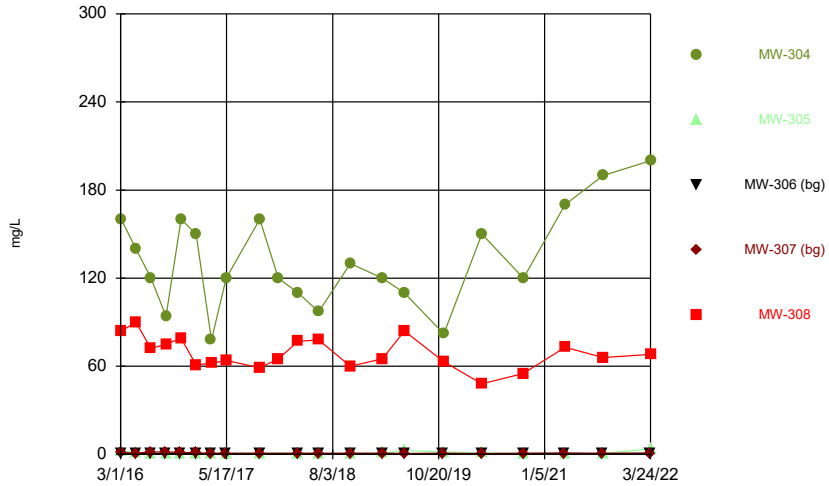


Constituent: Calcium Analysis Run 1/12/2023 1:42 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series

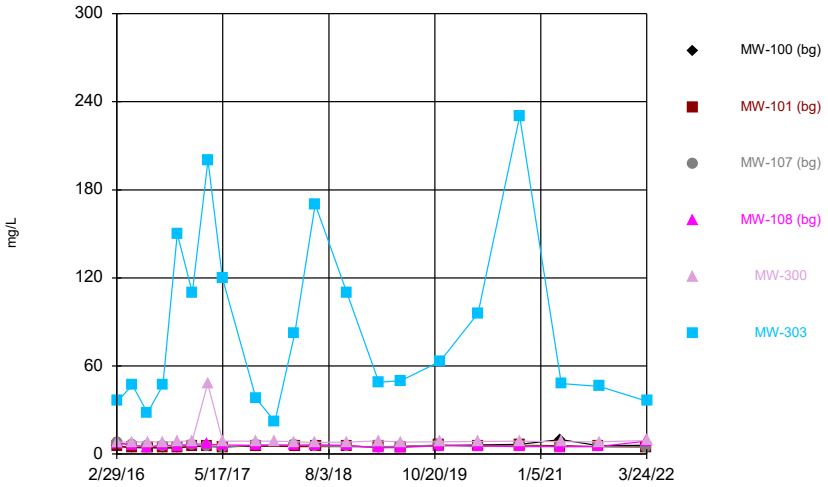


Constituent: Calcium Analysis Run 1/12/2023 1:42 PM View: 300 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Time Series



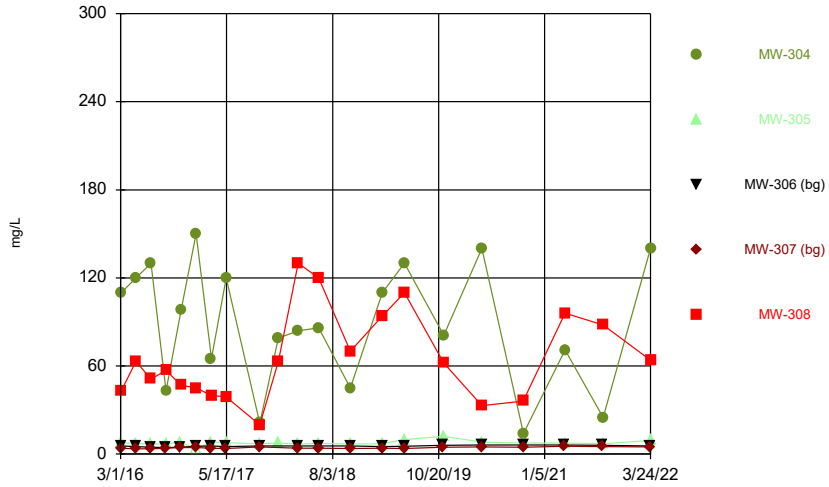
Constituent: Chloride Analysis Run 1/12/2023 1:42 PM View: 300 Series

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

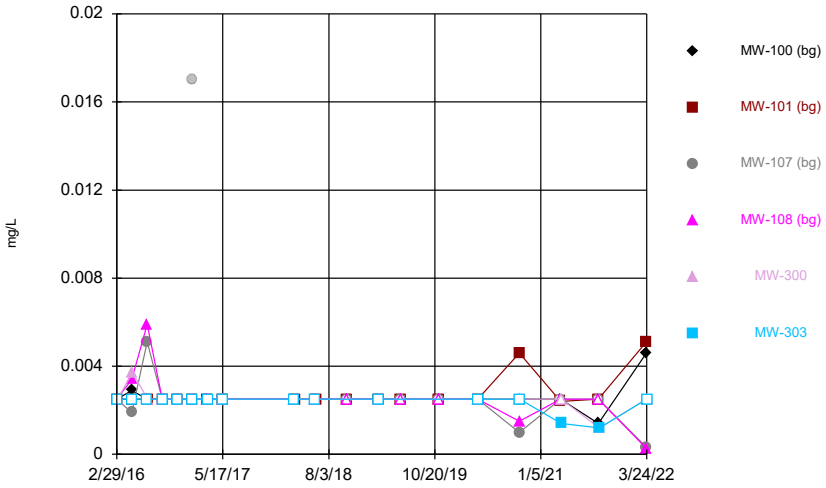


Constituent: Chloride Analysis Run 1/12/2023 1:43 PM View: 300 Series

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.

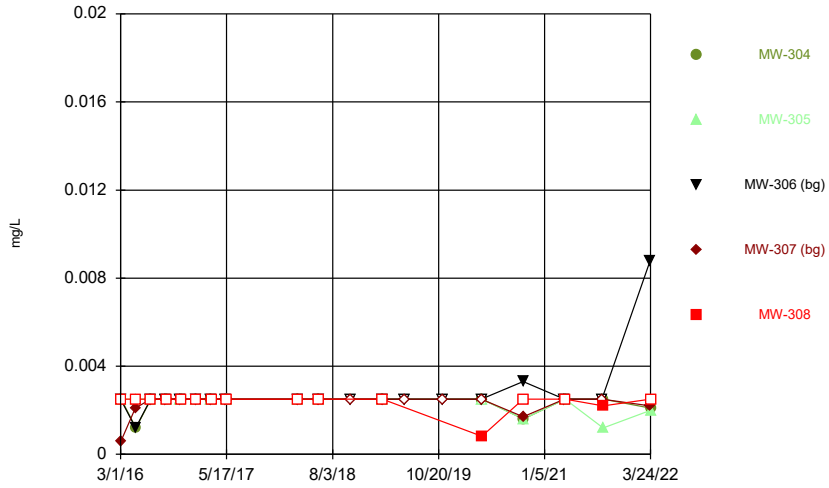
Time Series



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.

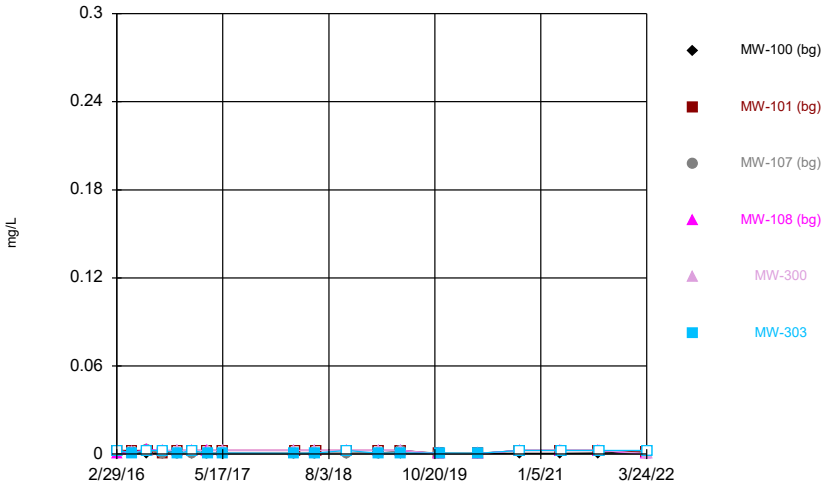
Time Series



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.

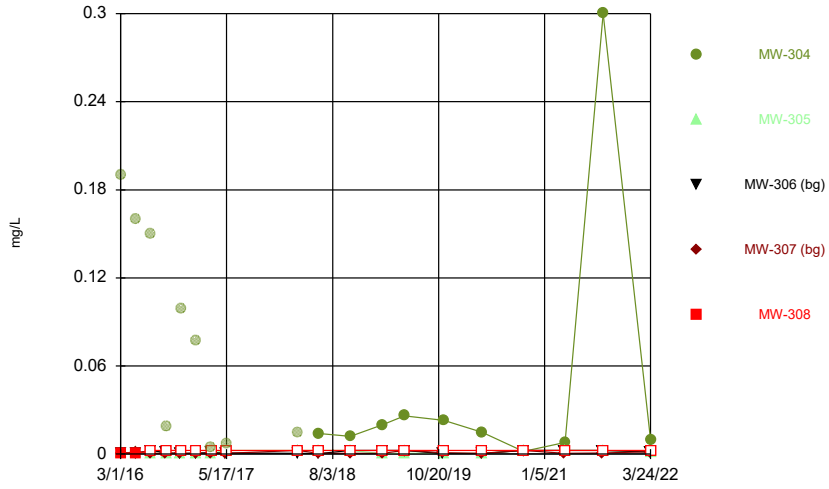
Time Series



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.

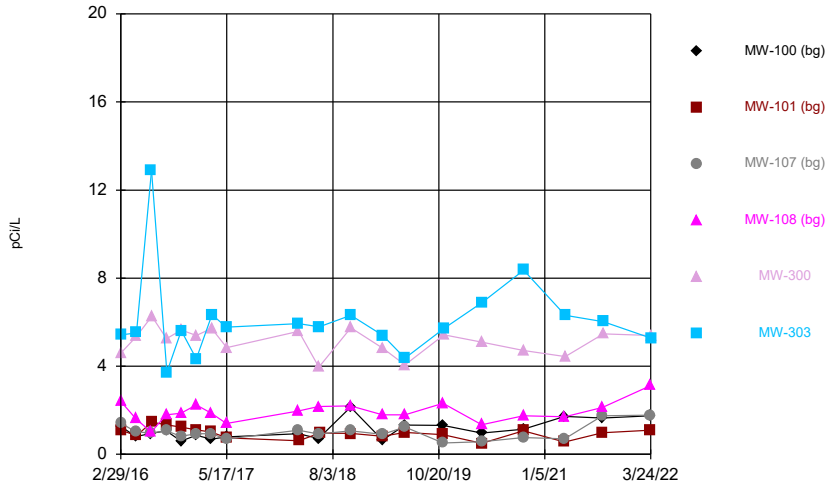
Time Series



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

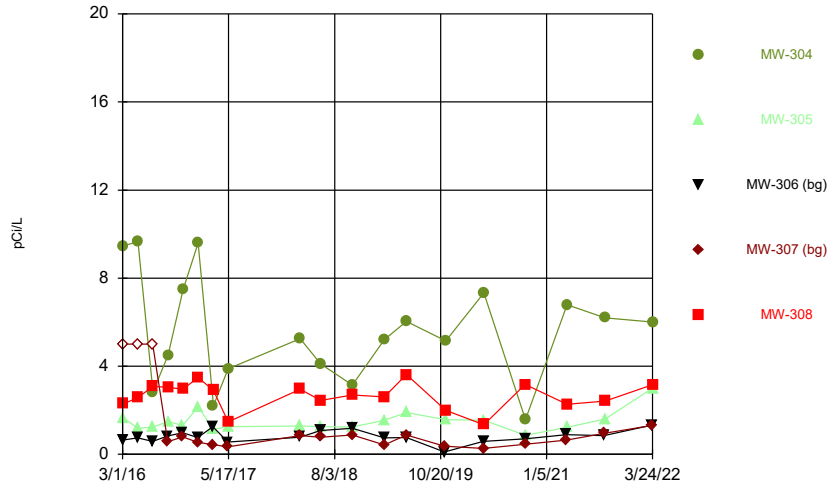
Time Series



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.

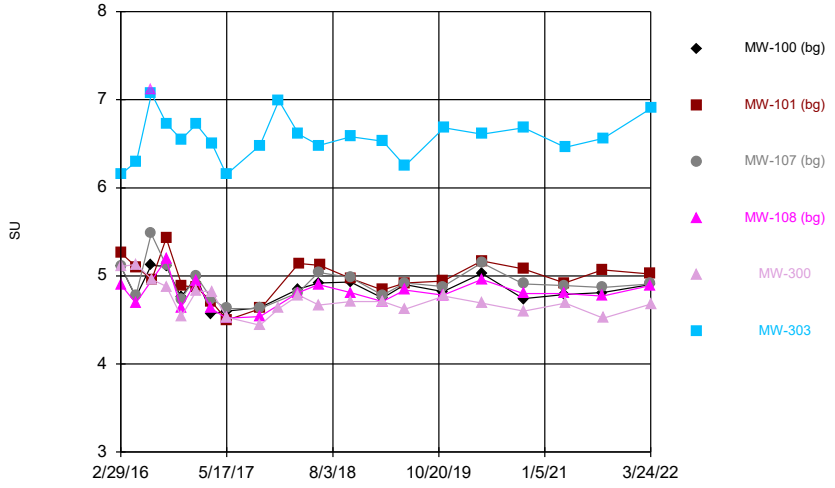
Time Series



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

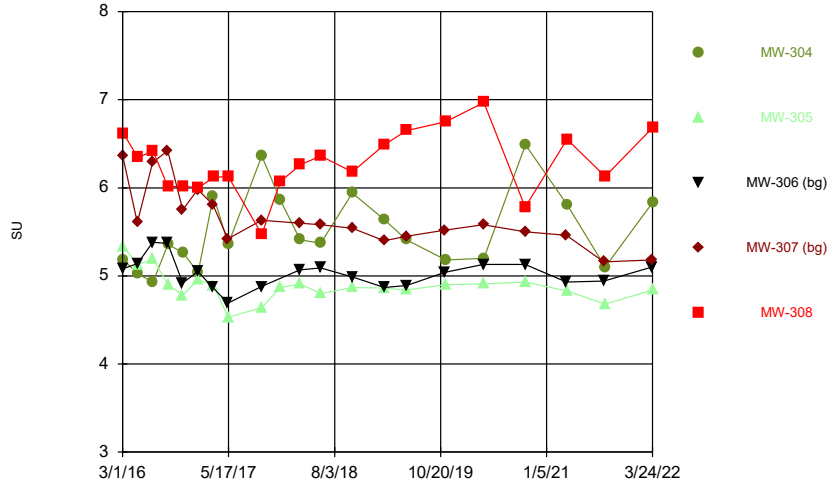
Time Series



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

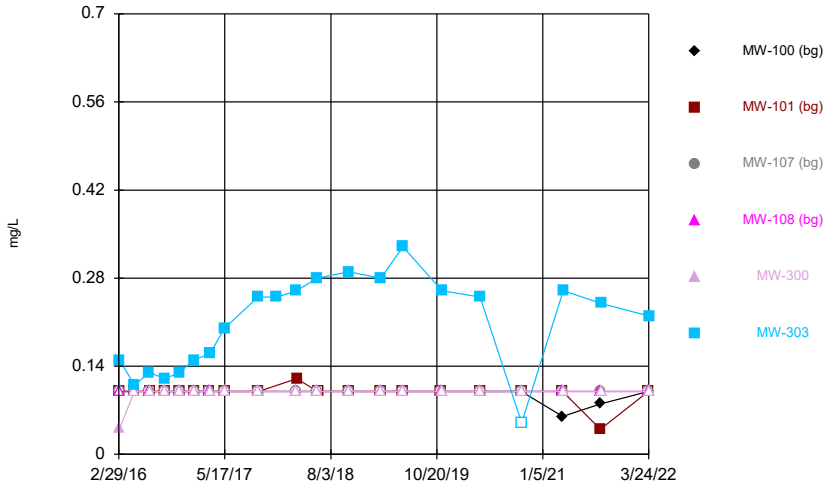
Time Series



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.

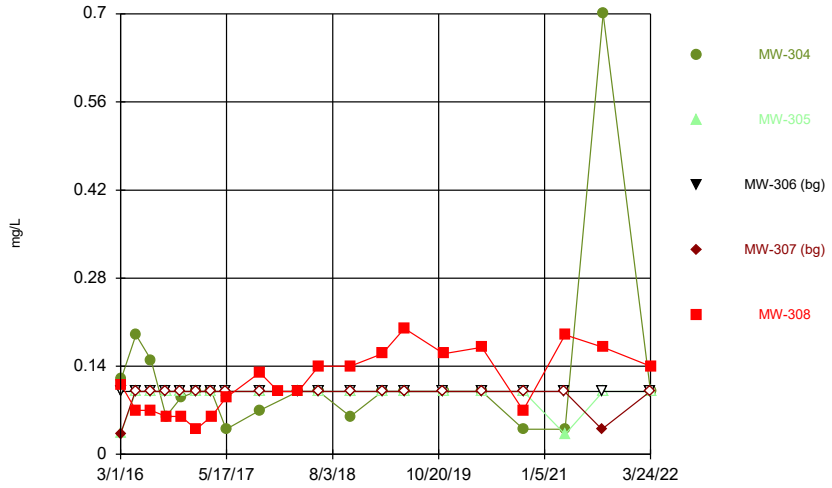
Time Series



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.

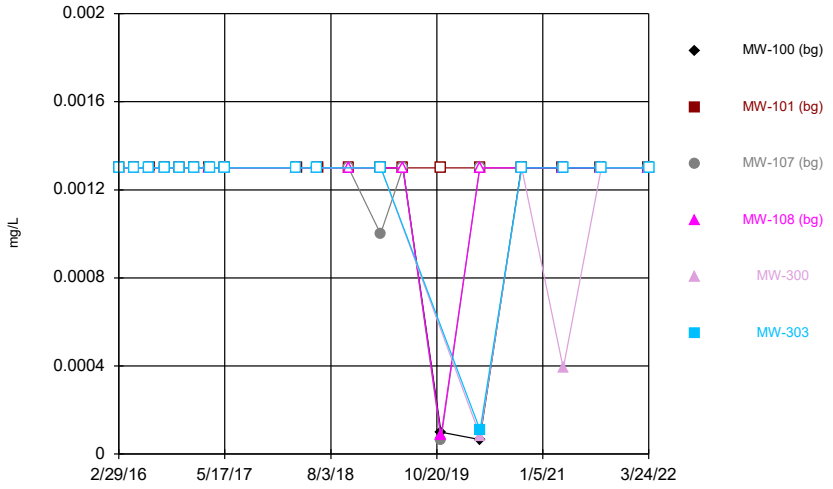
Time Series



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.

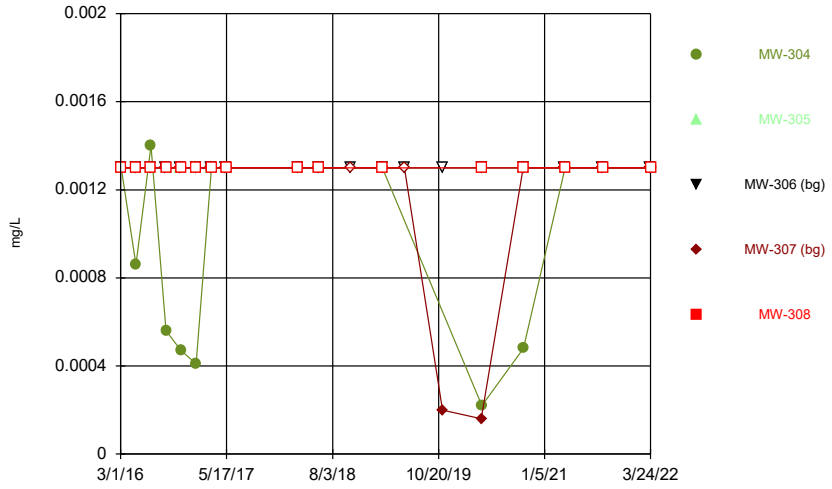
Time Series



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.

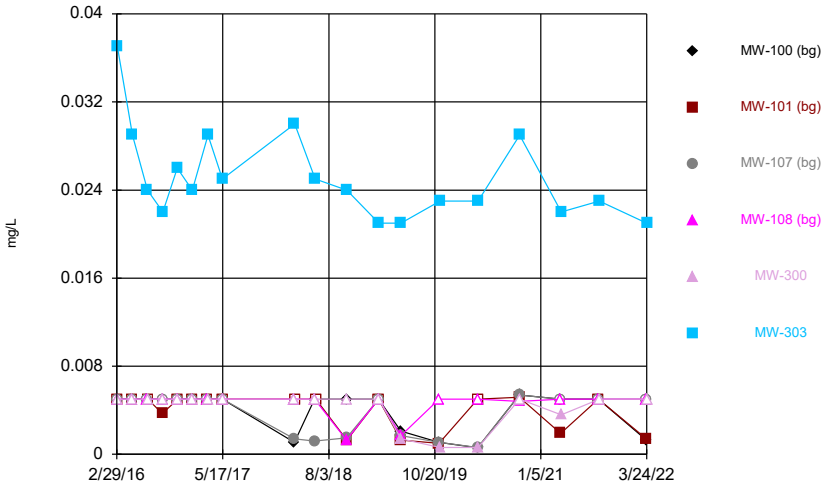
Time Series



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.

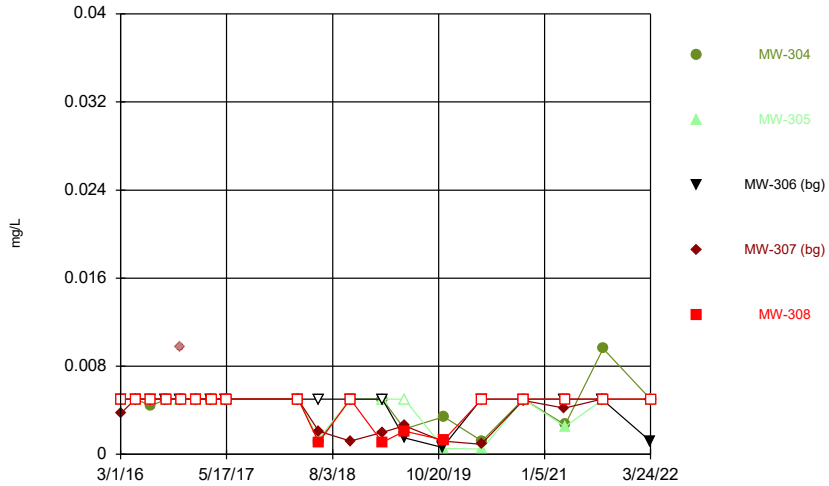
Time Series



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.

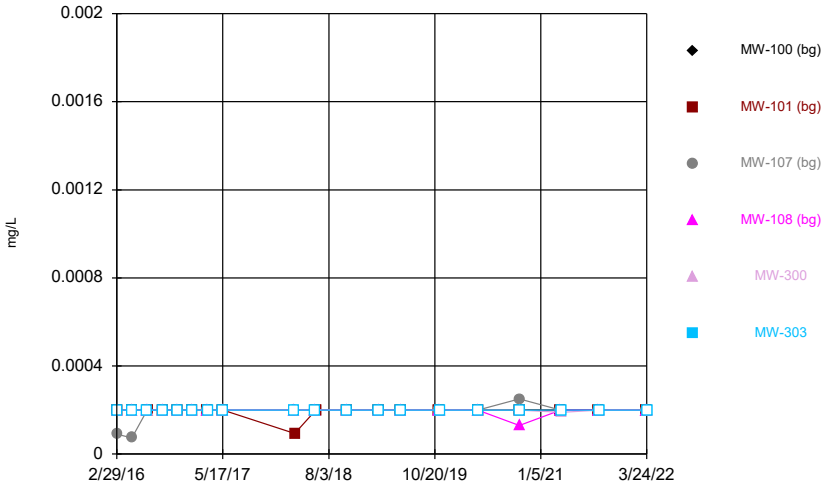
Time Series



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.

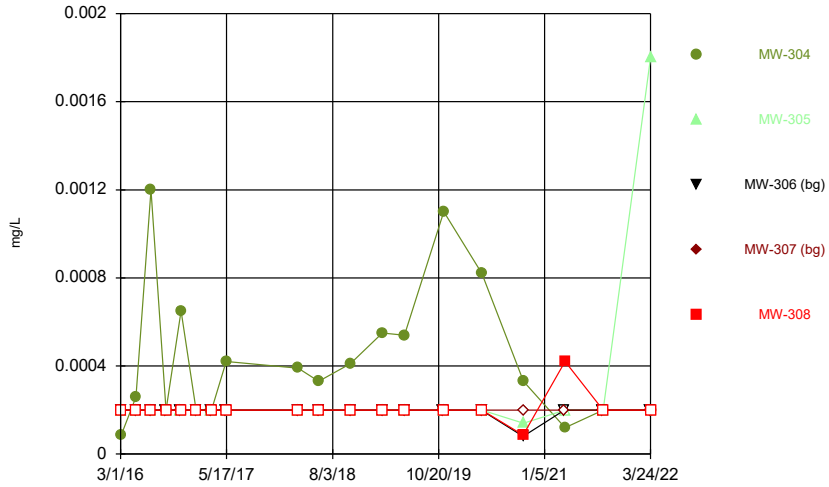
Time Series



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.

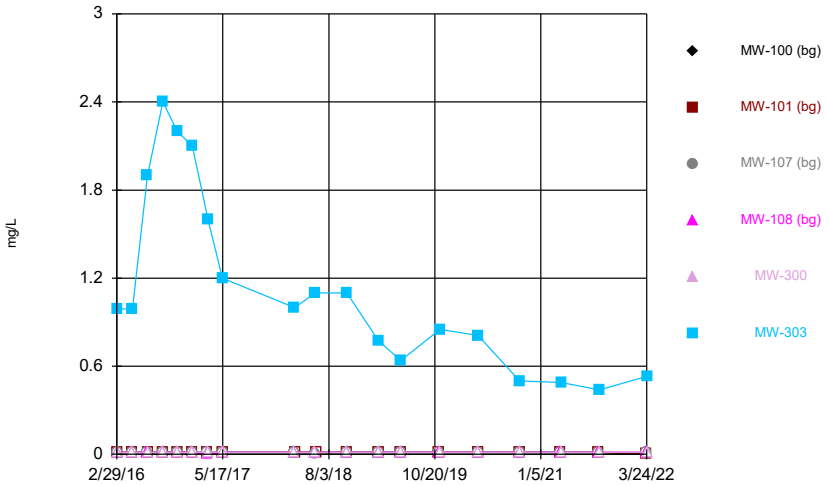
Time Series



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.

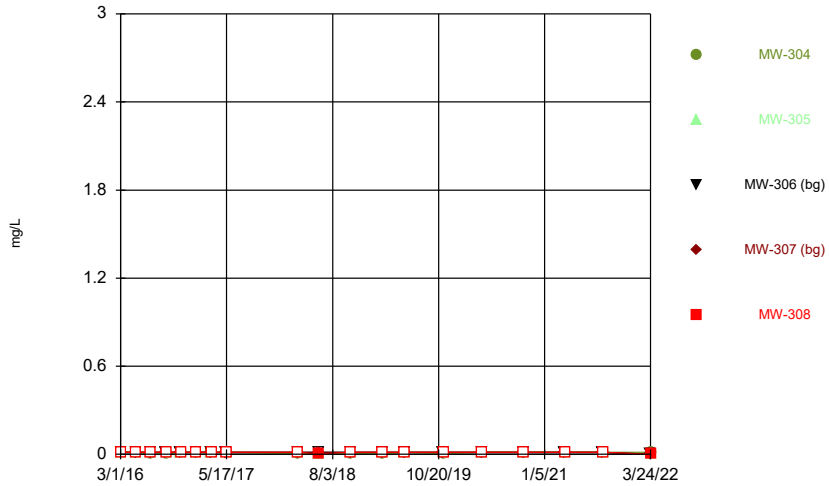
Time Series



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.

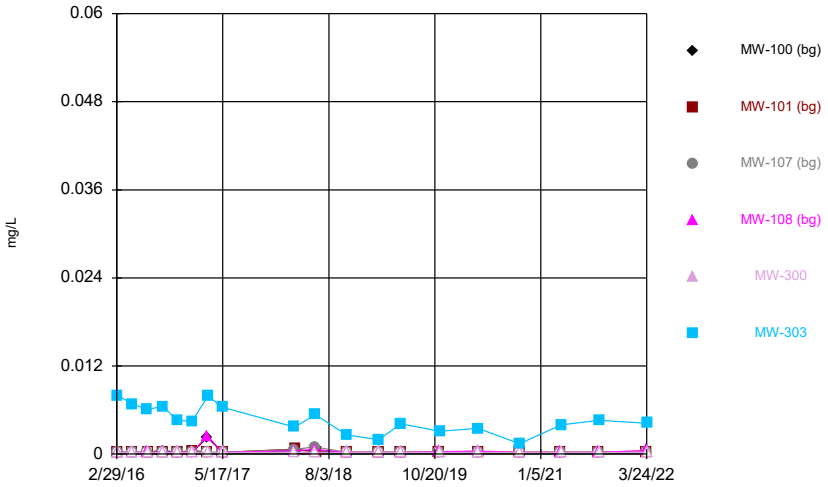
Time Series



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.

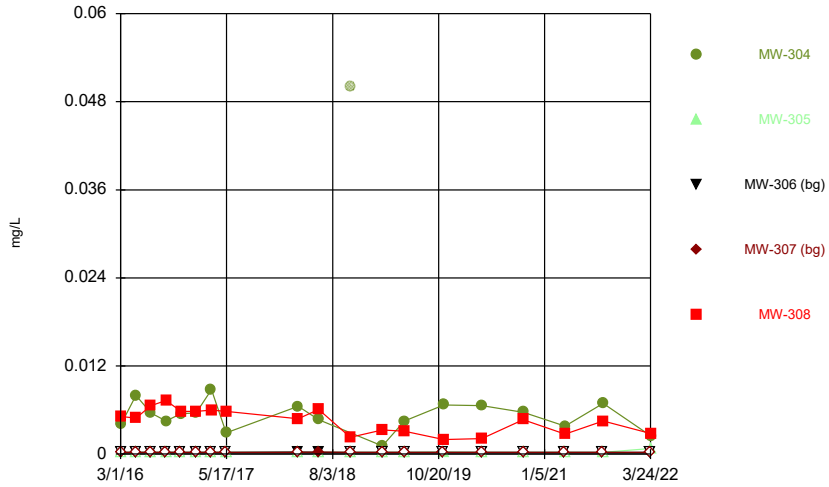
Time Series



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.

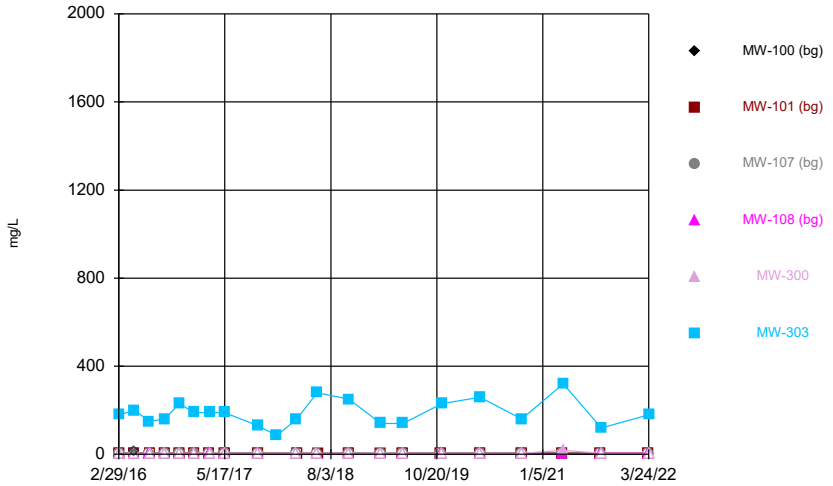
Time Series



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.

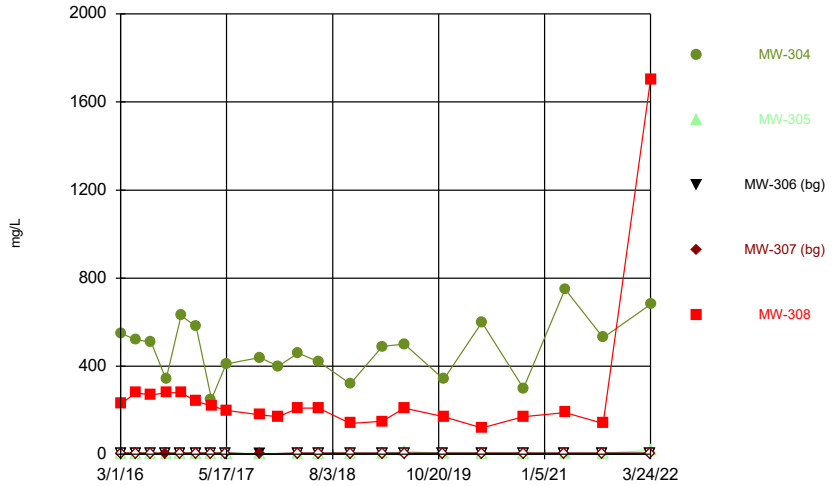
Time Series



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.

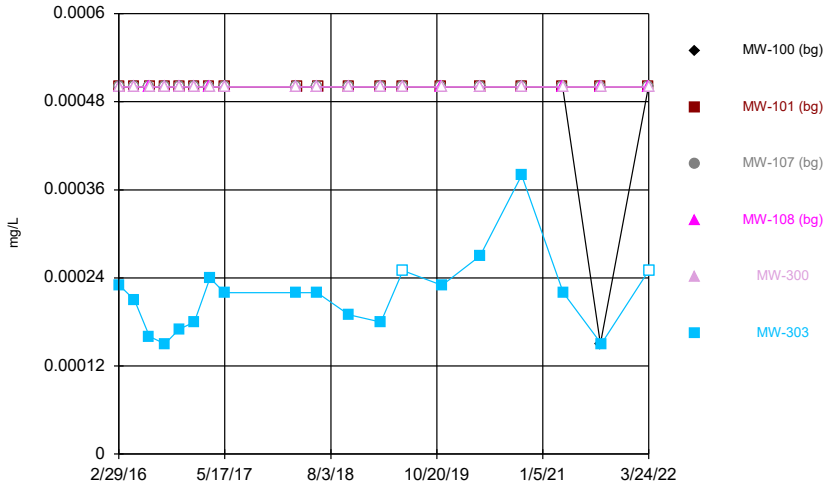
Time Series



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.

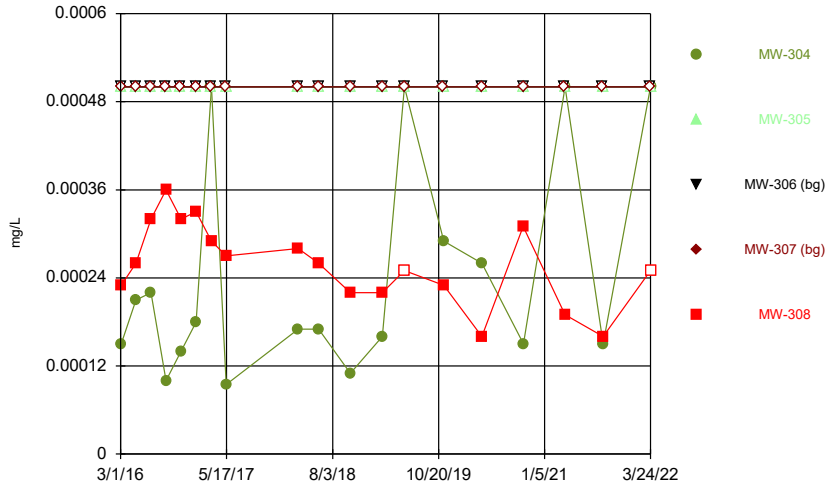
Time Series



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.

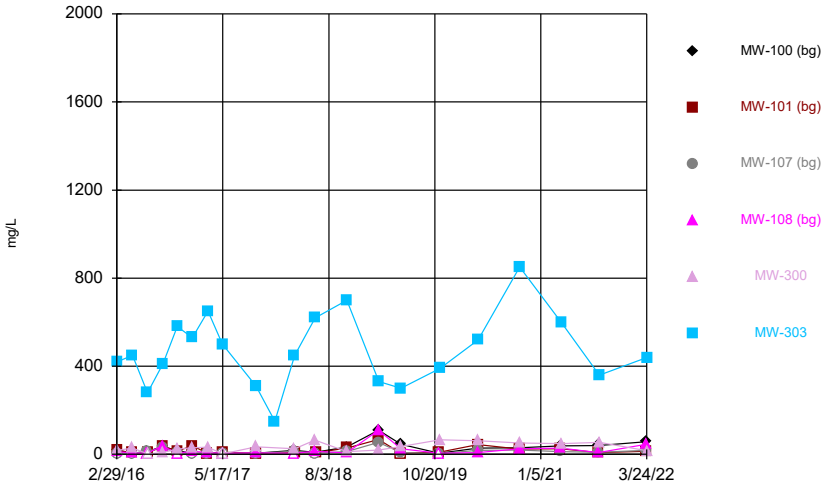
Time Series



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.

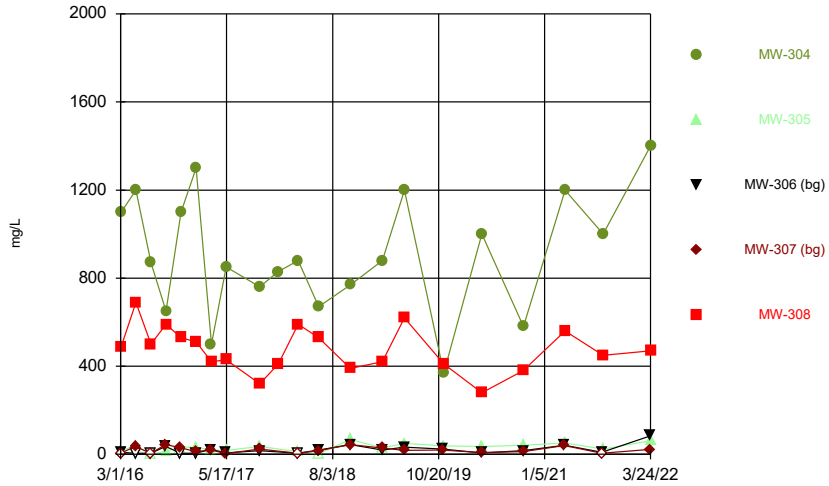
Time Series



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

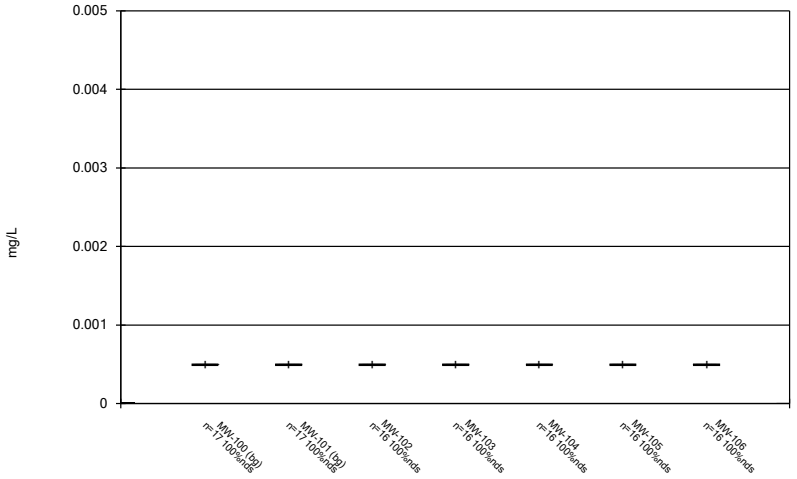
ND substitution: RL or RL/2 if <15% NDs.

Box Plots - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

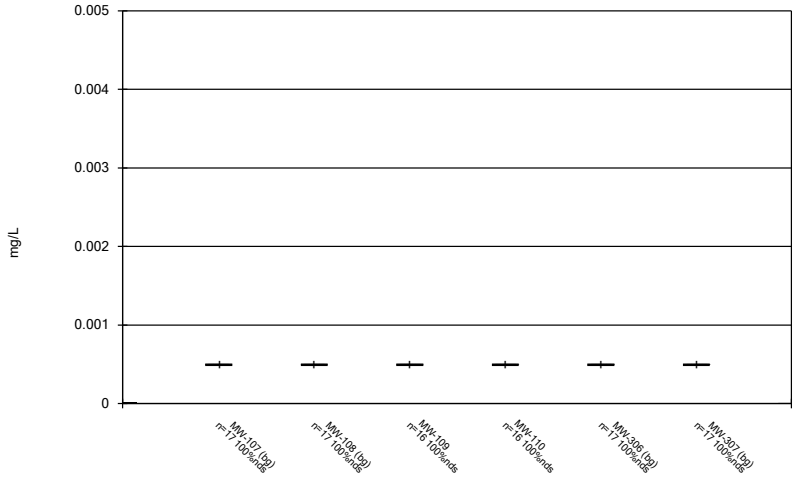
Box & Whiskers Plot



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

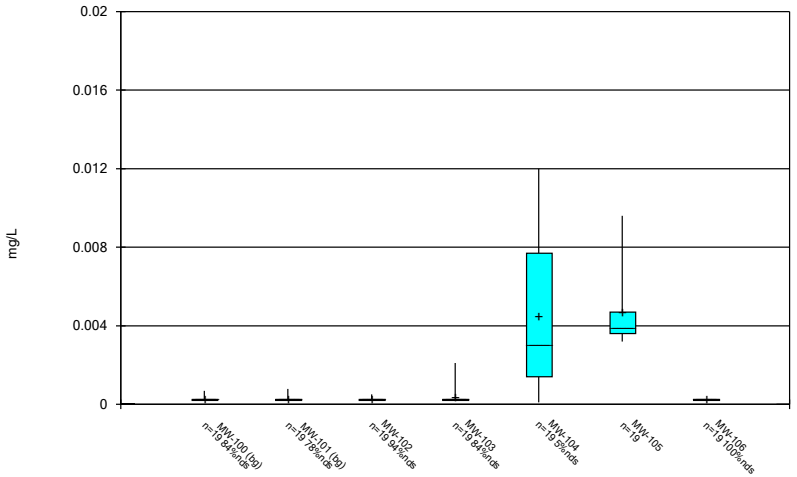
Box & Whiskers Plot



Constituent: 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

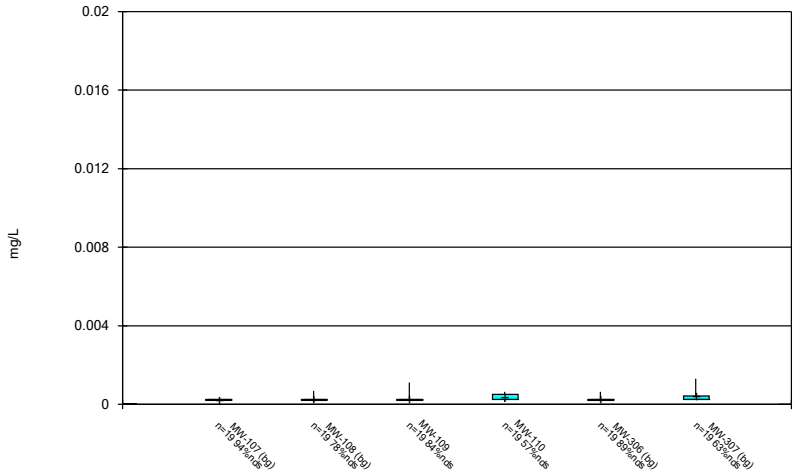
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

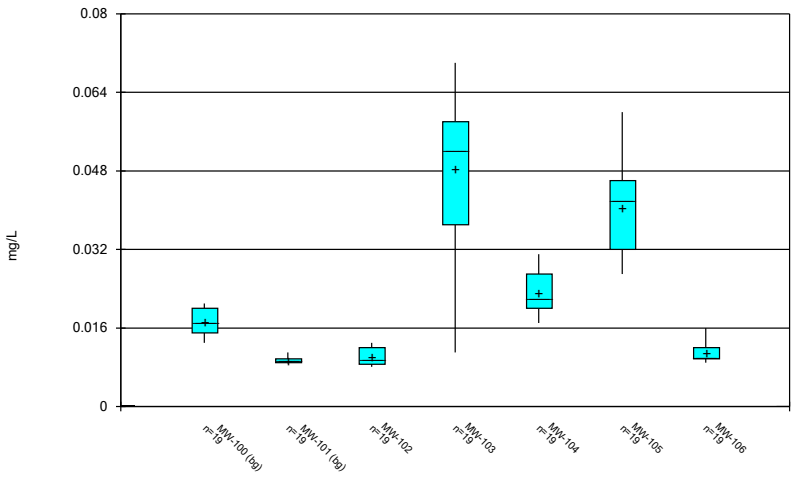
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

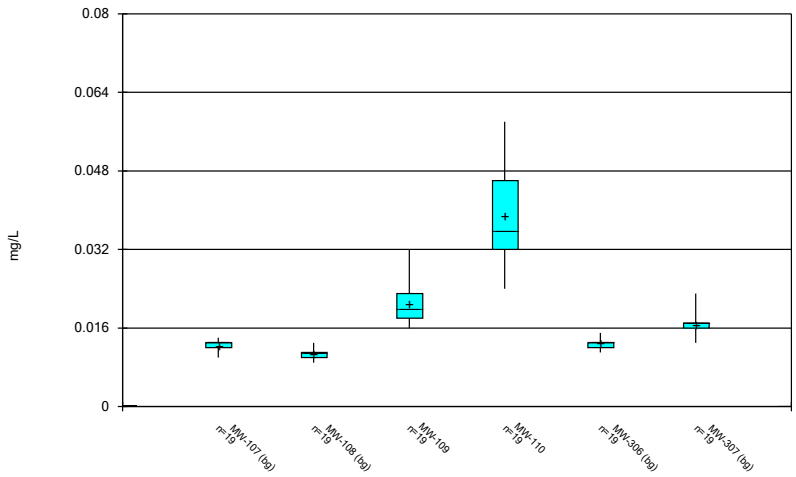
Box & Whiskers Plot



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

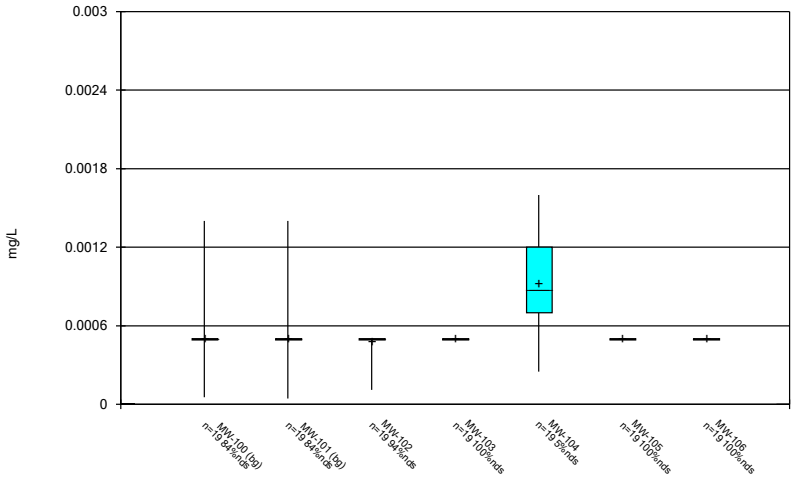
Box & Whiskers Plot



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

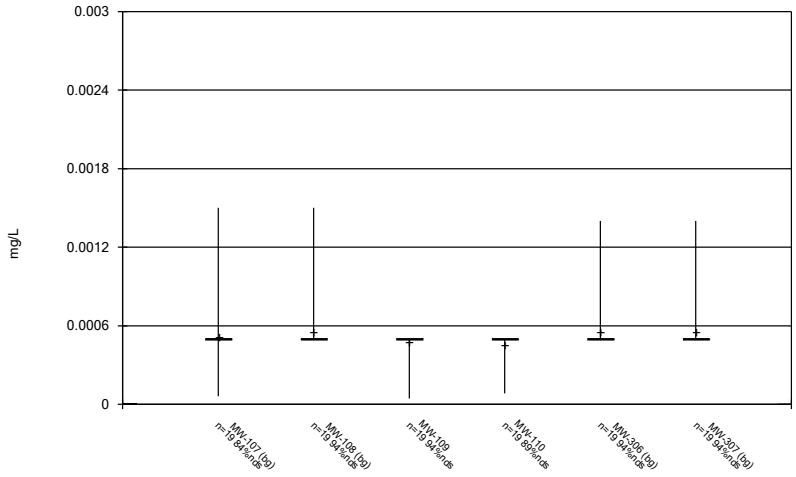
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

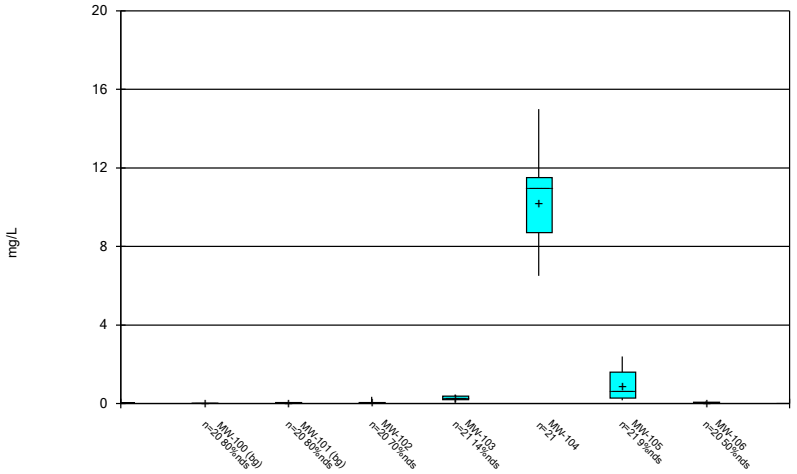
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

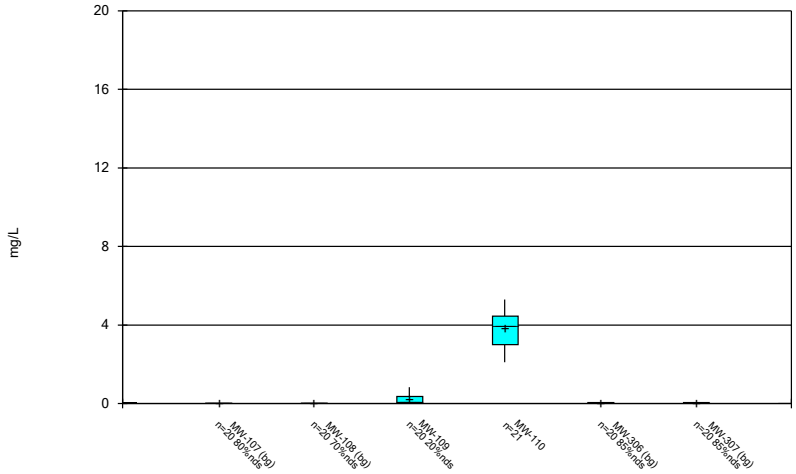
Box & Whiskers Plot



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

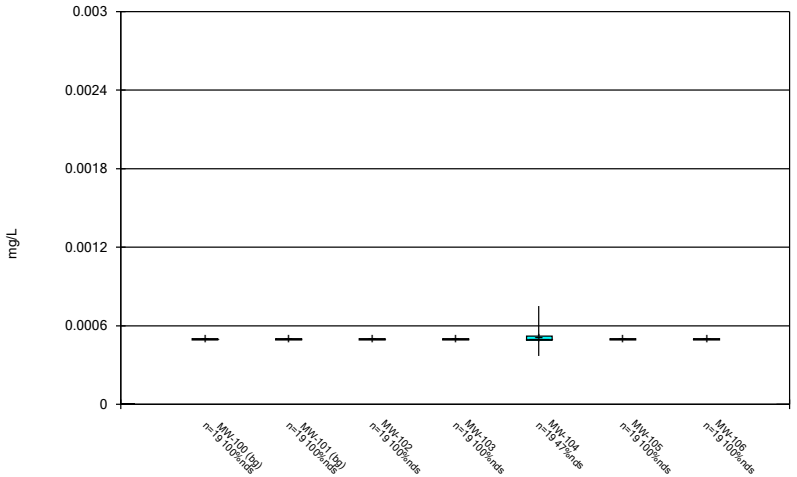
Box & Whiskers Plot



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

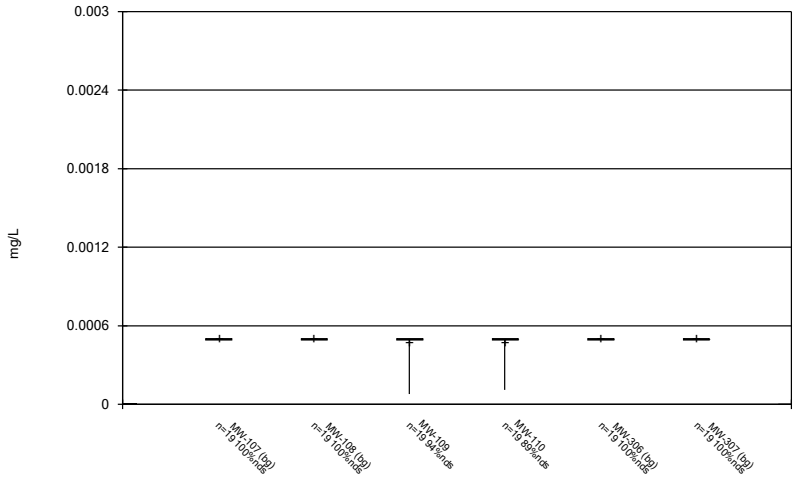
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

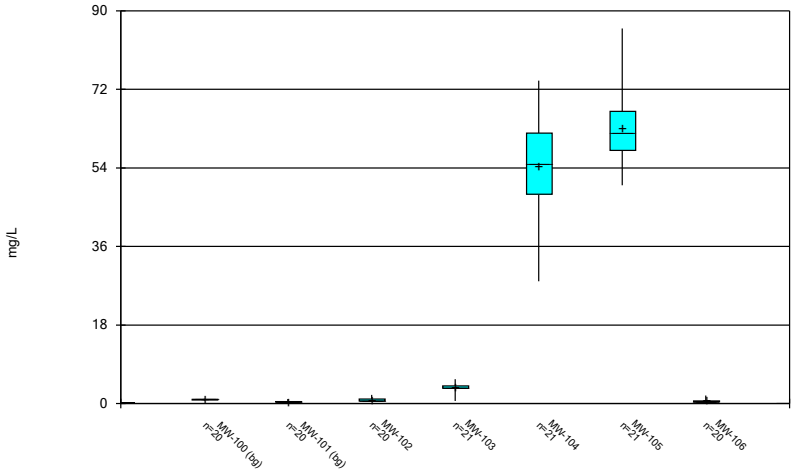
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

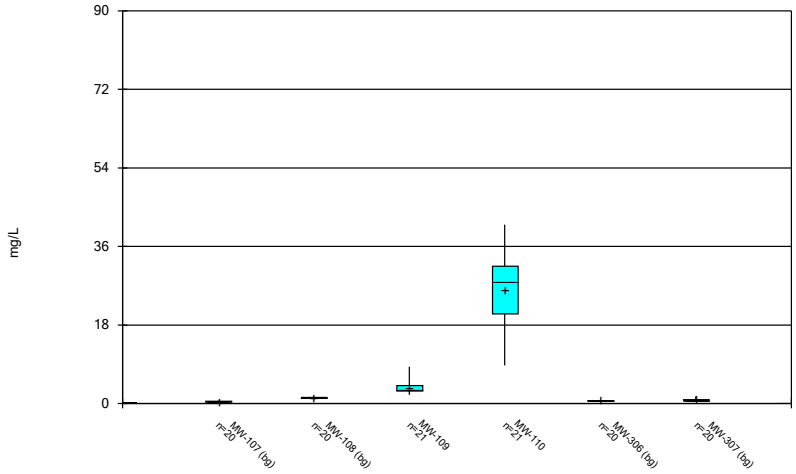
Box & Whiskers Plot



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

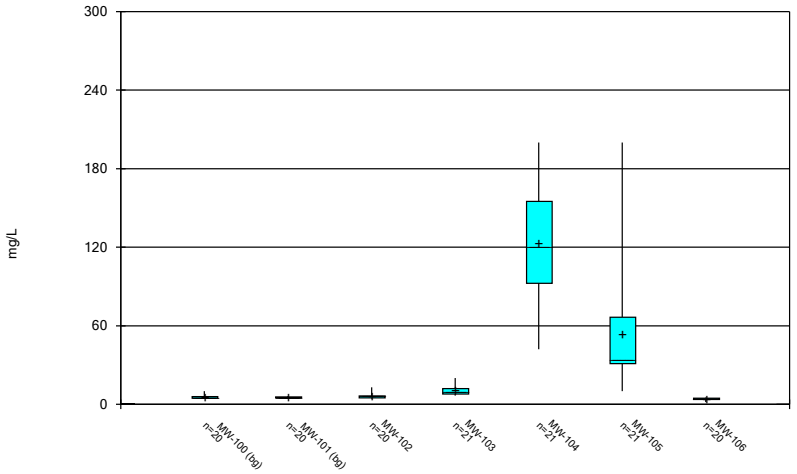
Box & Whiskers Plot



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

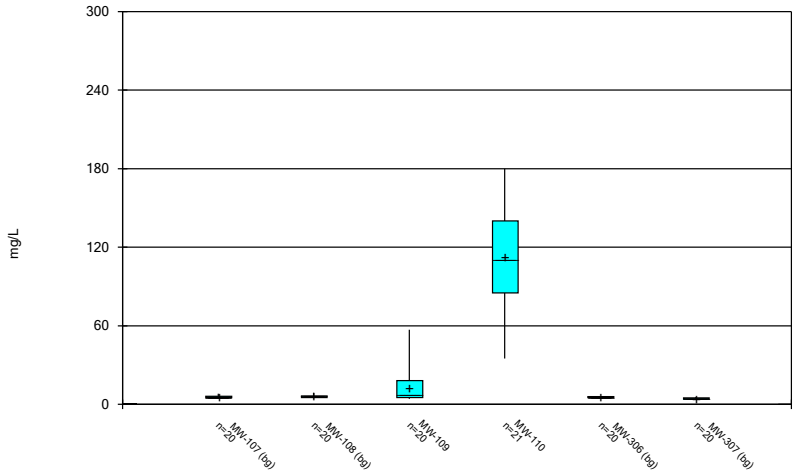
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

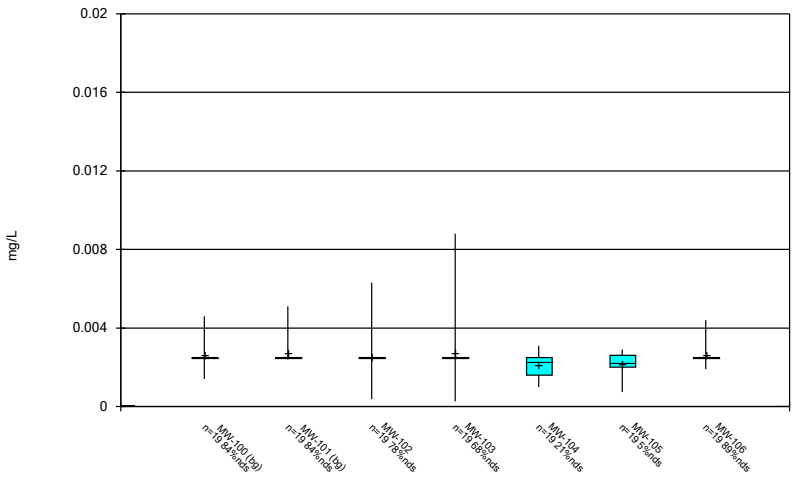
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

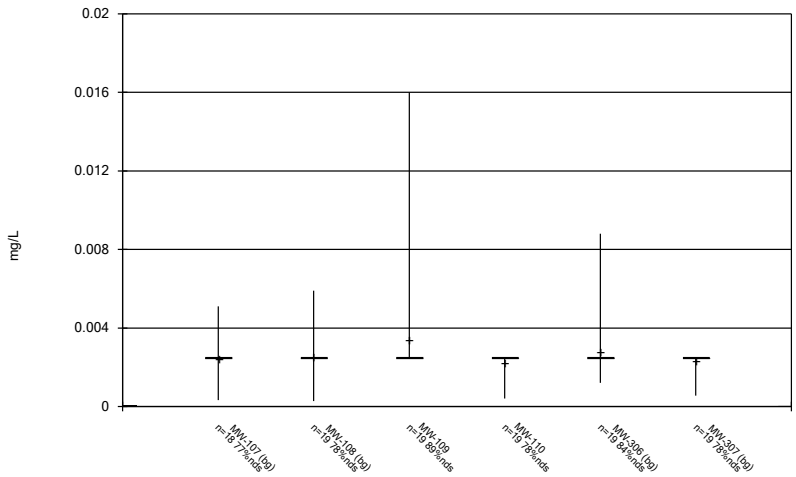
Box & Whiskers Plot



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

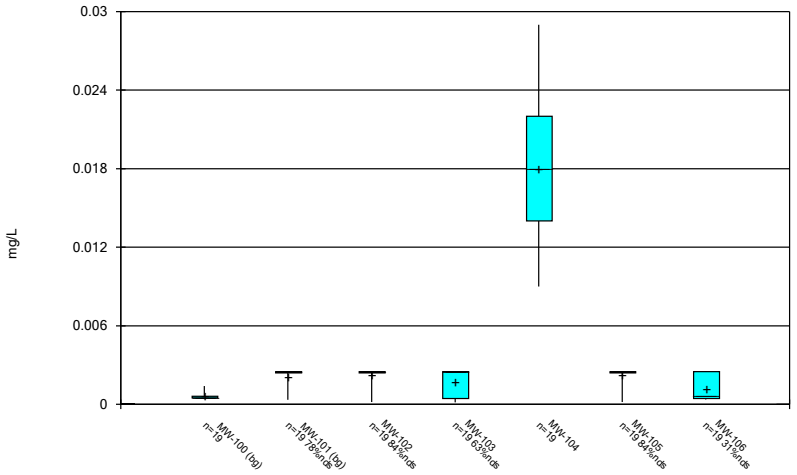
Box & Whiskers Plot



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

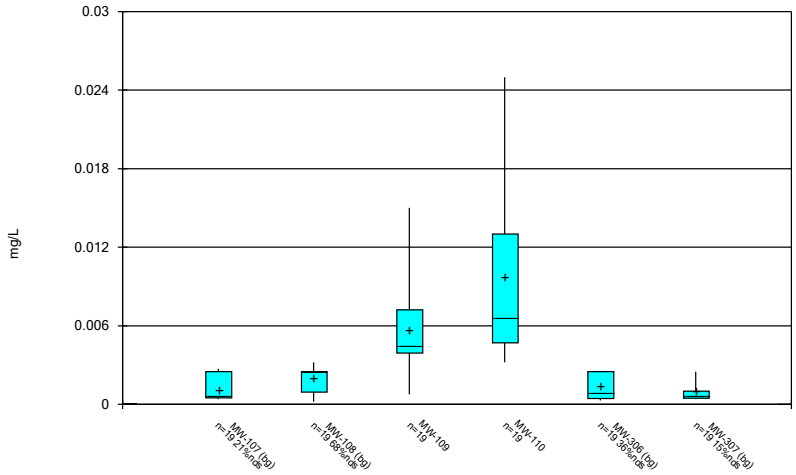
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 10:08 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

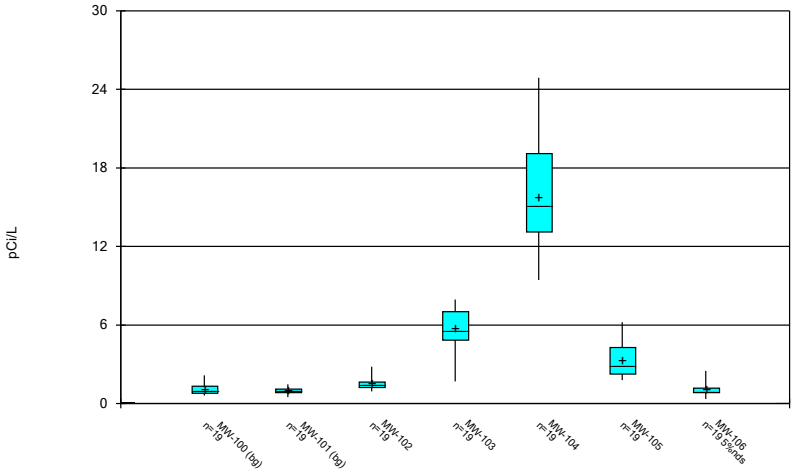
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

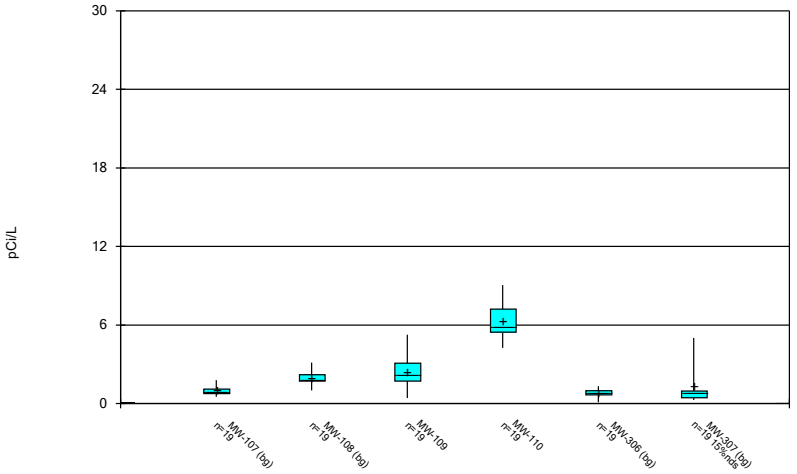
Box & Whiskers Plot



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

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

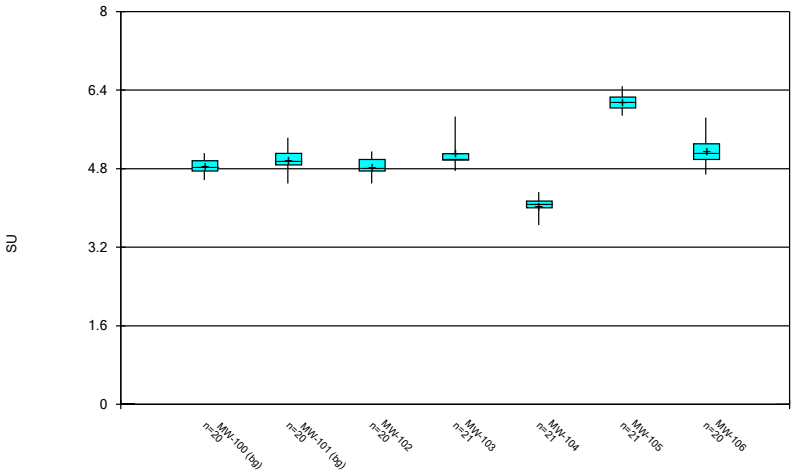
Box & Whiskers Plot



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

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

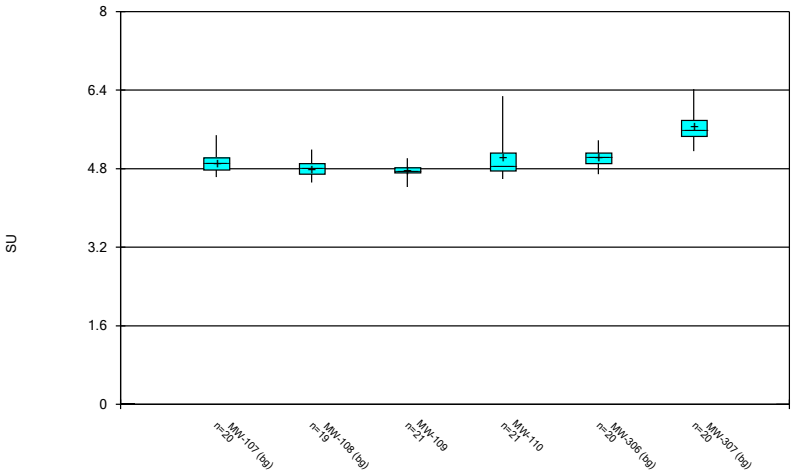
Box & Whiskers Plot



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

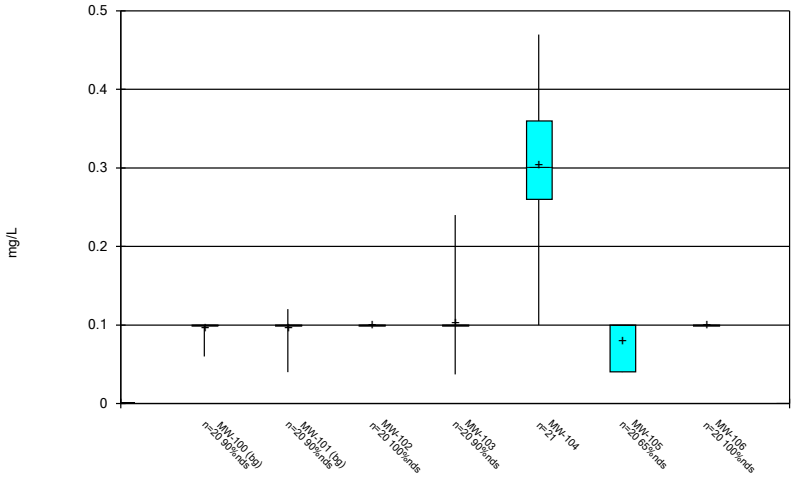
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

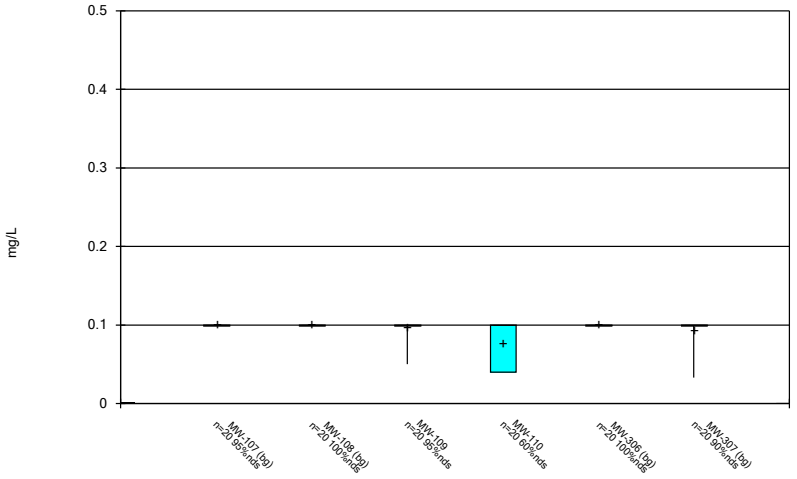
Box & Whiskers Plot



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

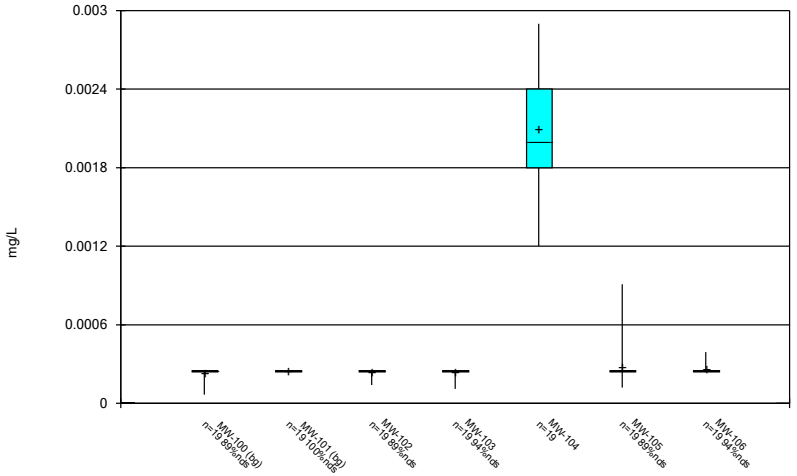
Box & Whiskers Plot



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

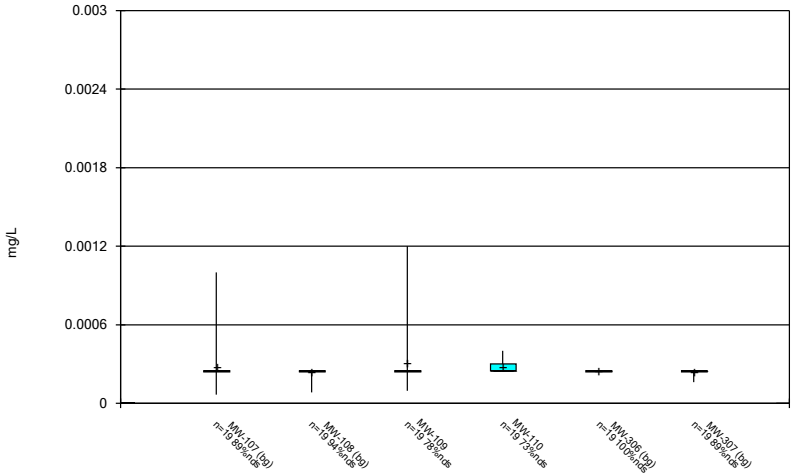
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

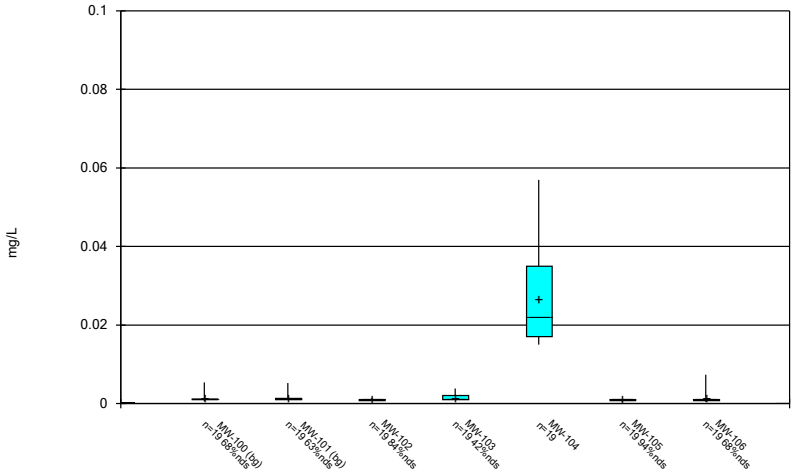
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

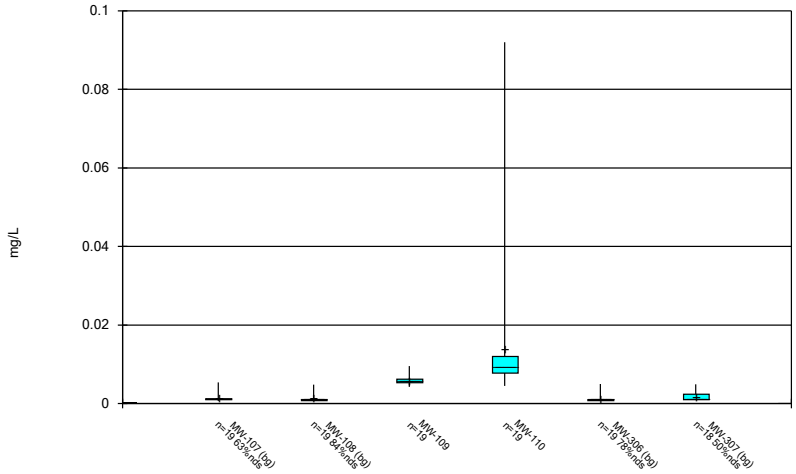
Box & Whiskers Plot



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

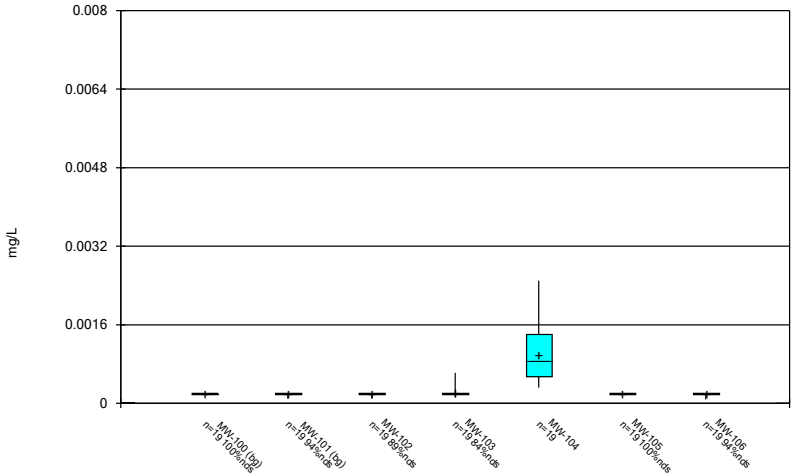
Box & Whiskers Plot



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

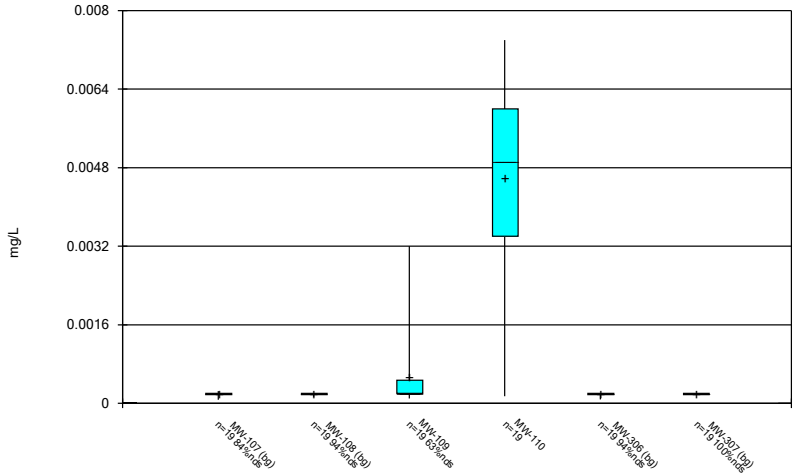
Box & Whiskers Plot



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

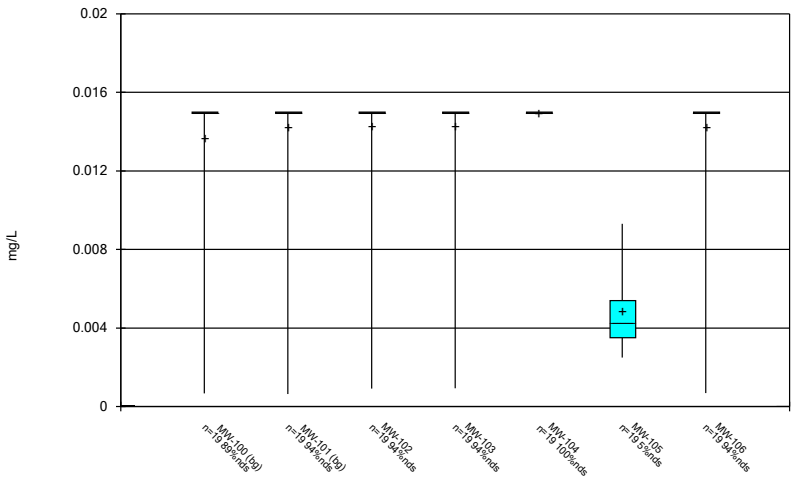
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

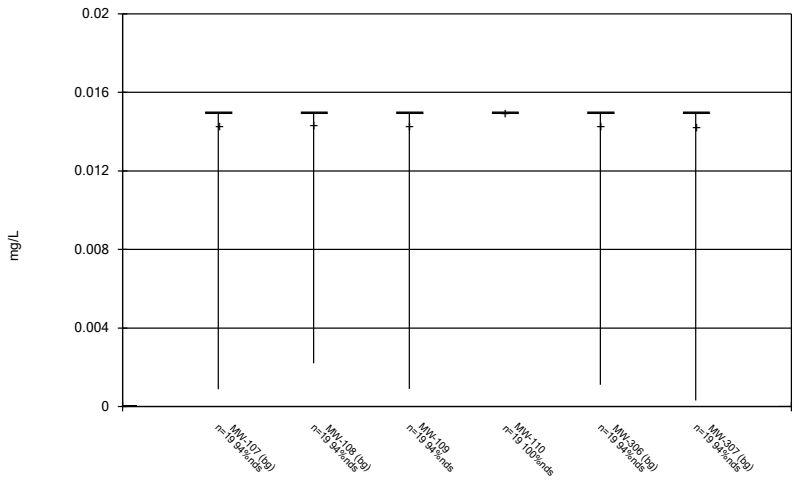
Box & Whiskers Plot



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

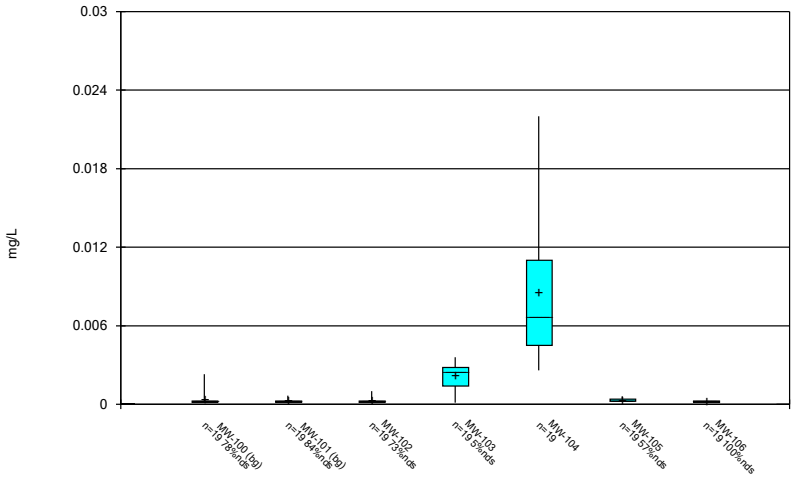
Box & Whiskers Plot



Constituent: 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

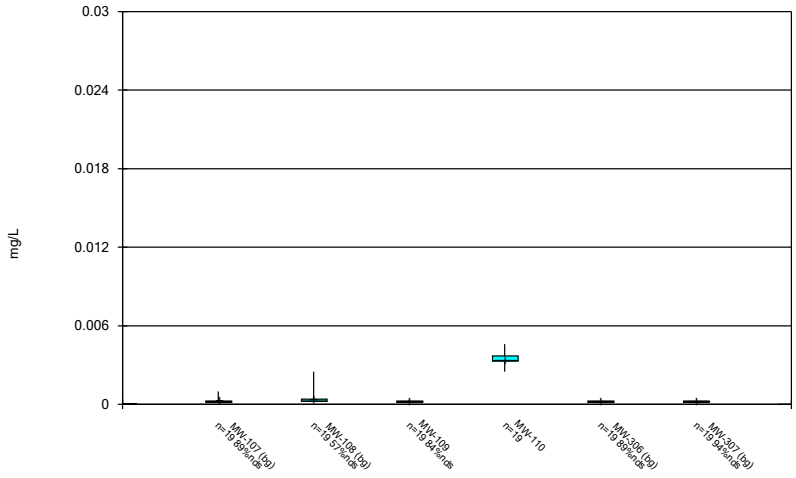
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

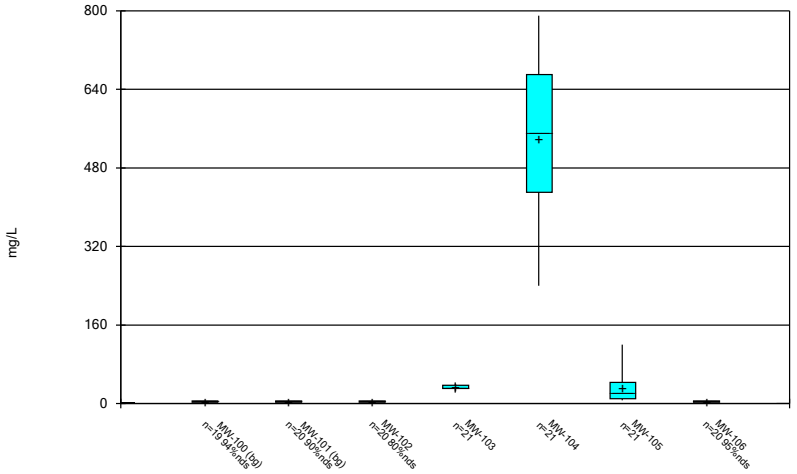
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

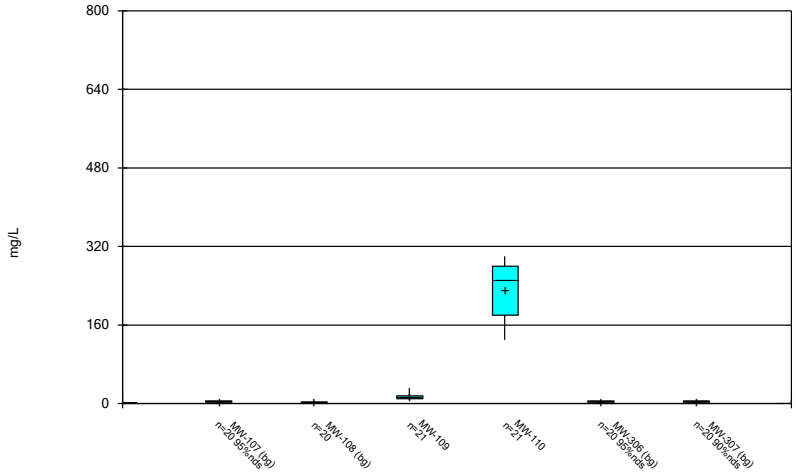
Box & Whiskers Plot



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

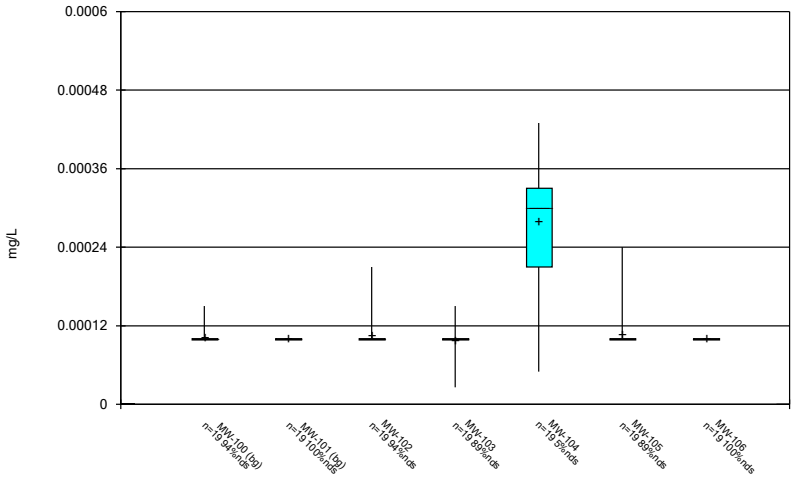
Box & Whiskers Plot



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

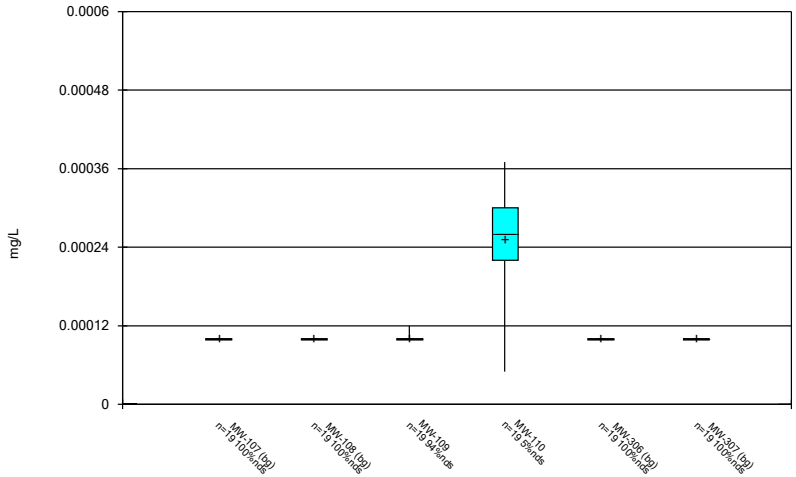
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 10:09 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

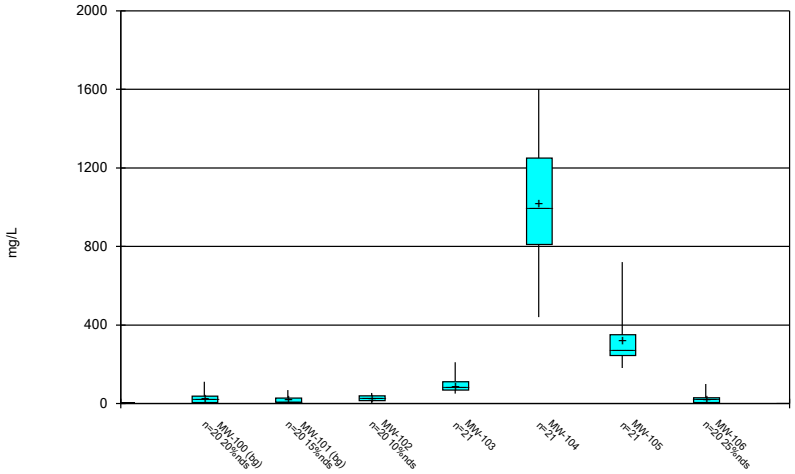
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

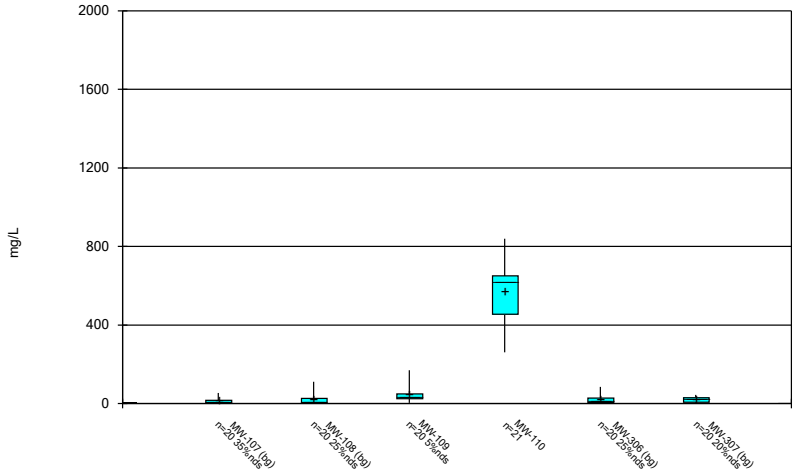


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot

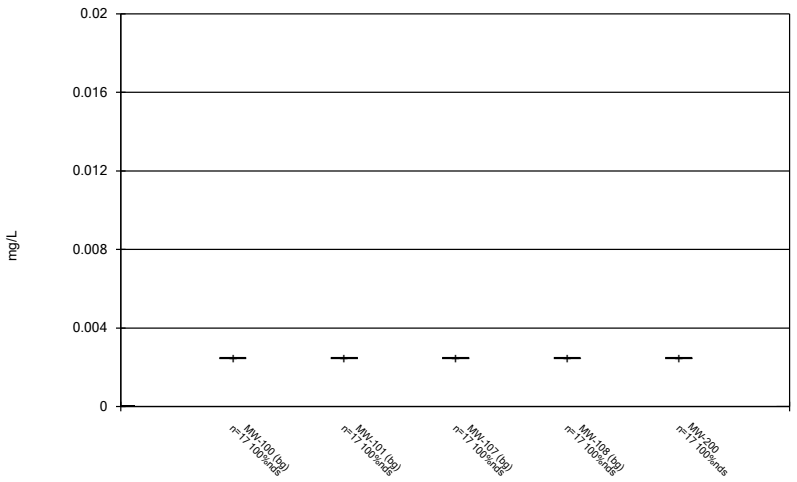


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:09 AM View: 100 Series

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

200 Series

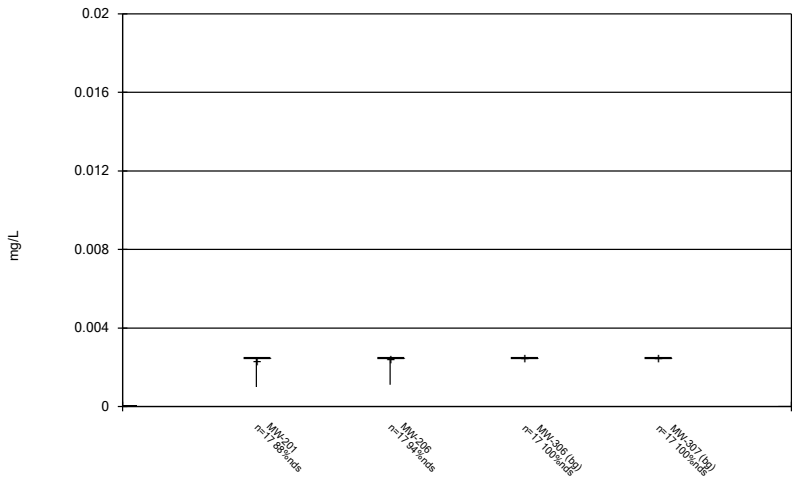
Box & Whiskers Plot



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

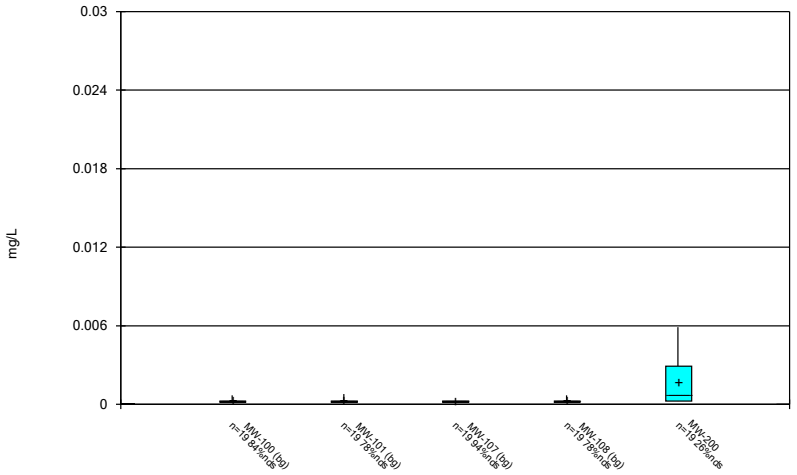
Box & Whiskers Plot



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

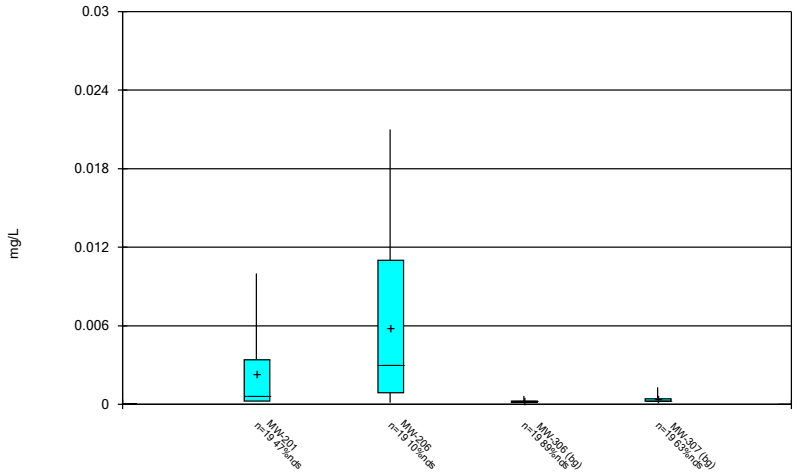
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

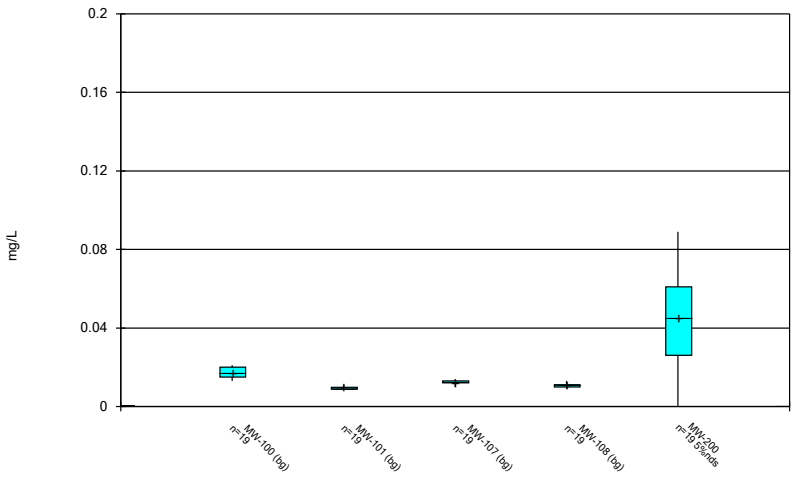
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

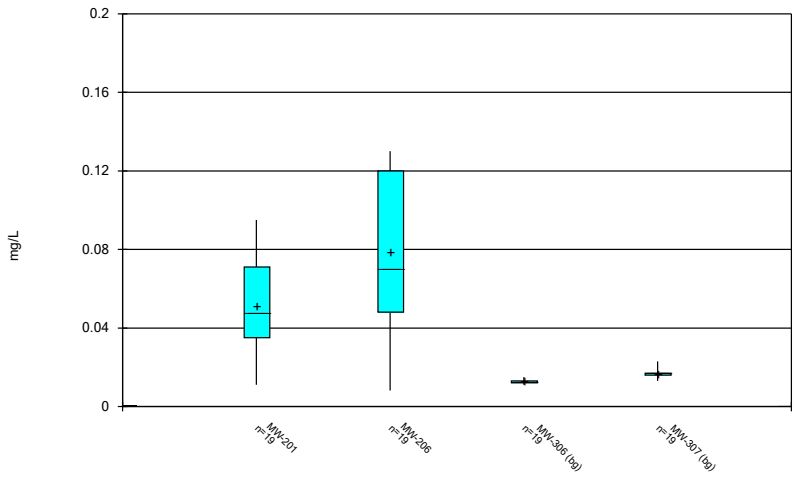
Box & Whiskers Plot



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

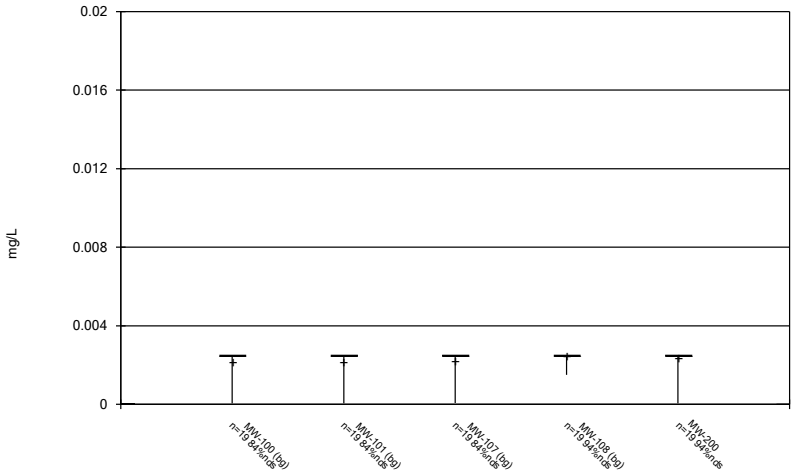
Box & Whiskers Plot



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

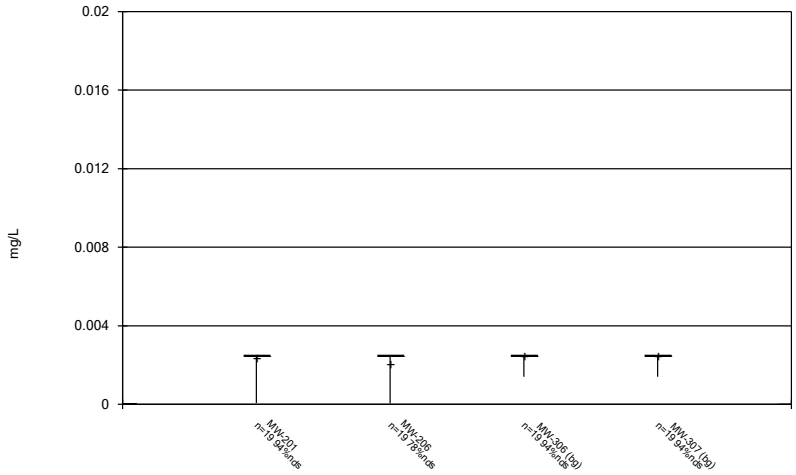
Box & Whiskers Plot



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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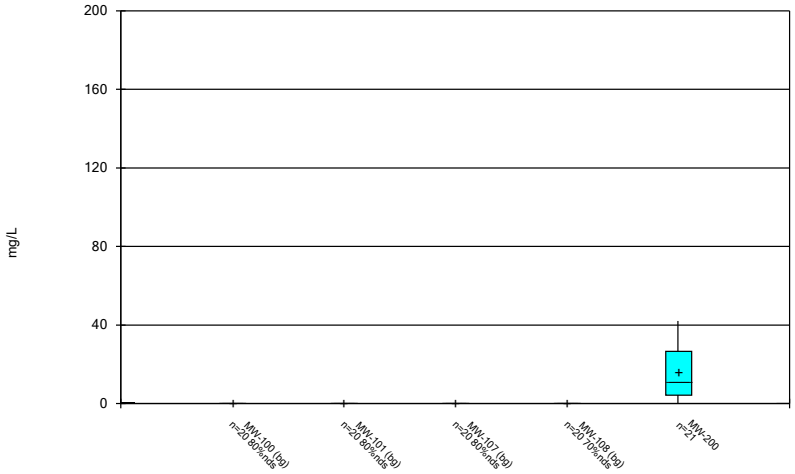
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

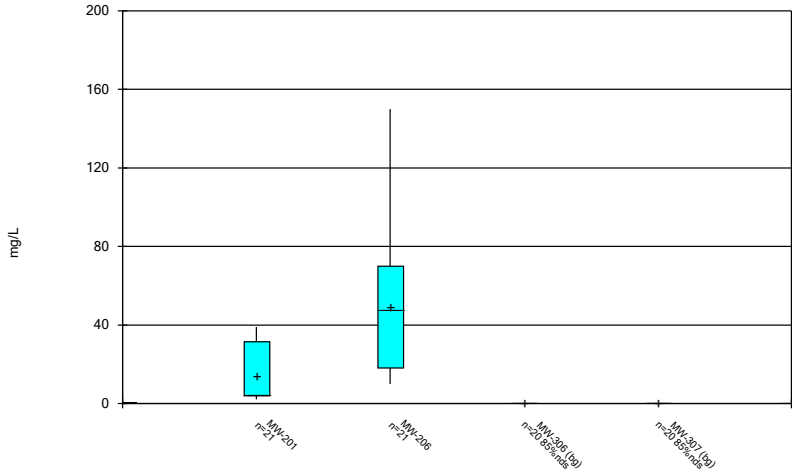
Box & Whiskers Plot



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

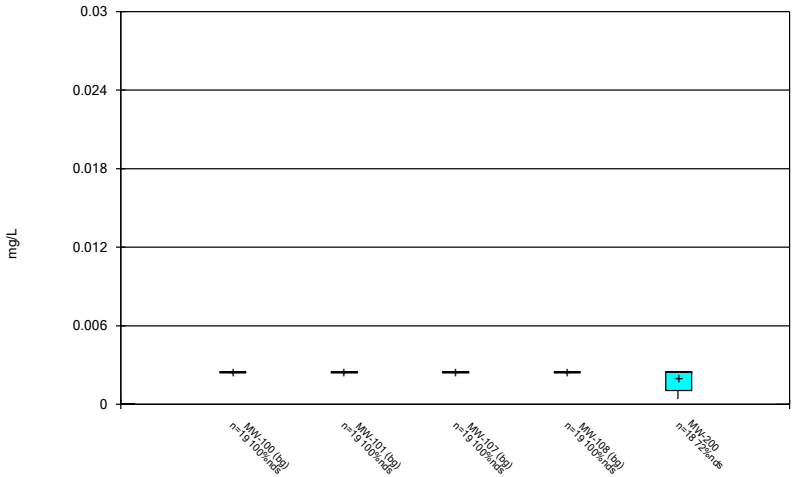
Box & Whiskers Plot



Constituent: 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

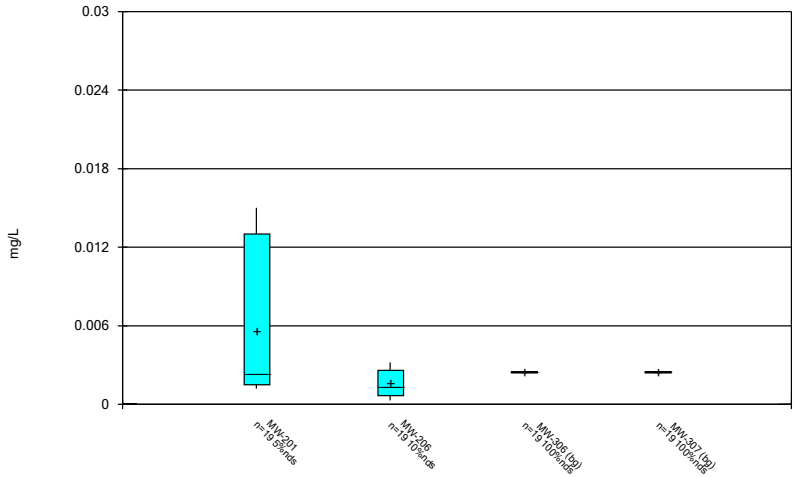
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

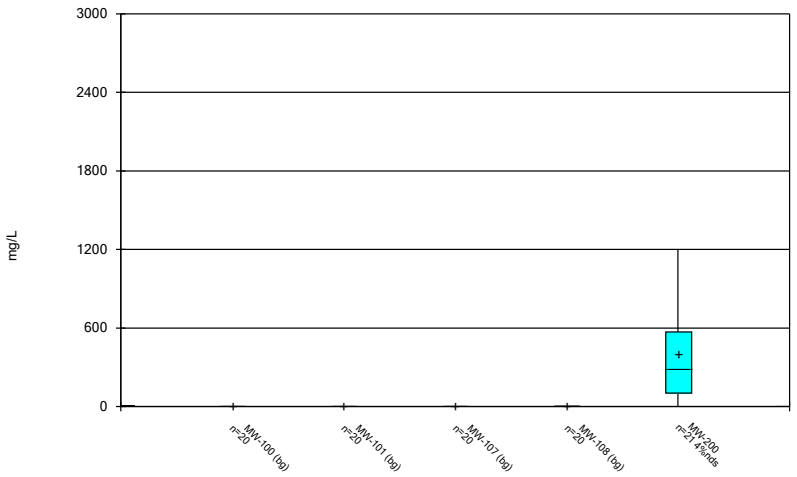
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

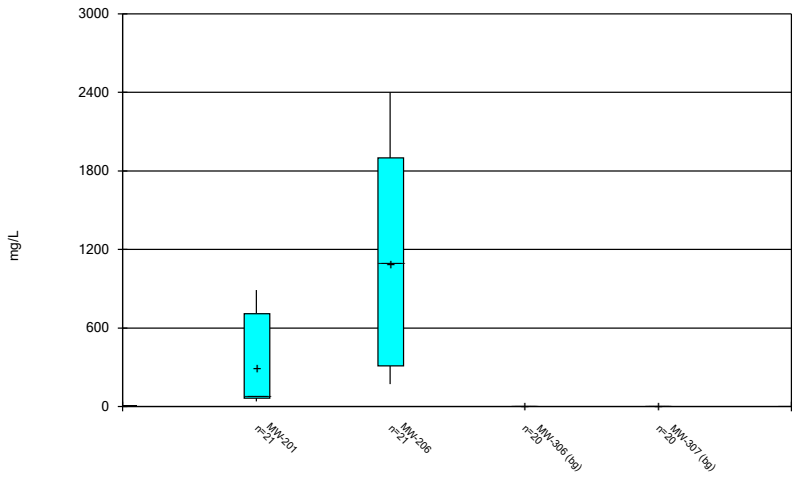
Box & Whiskers Plot



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

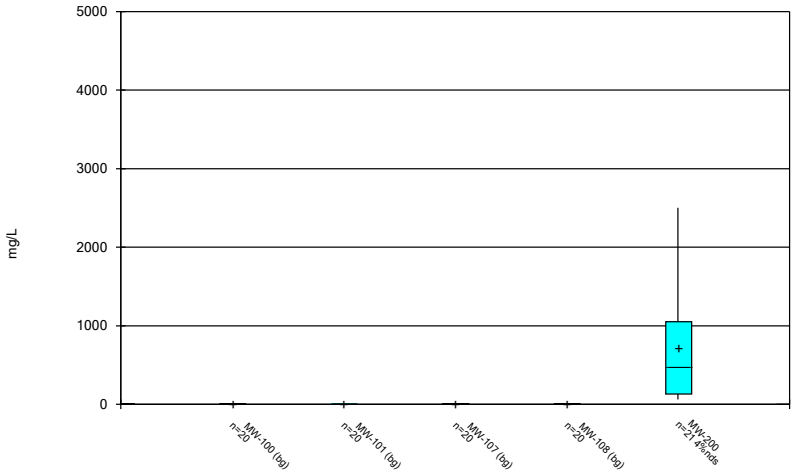
Box & Whiskers Plot



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

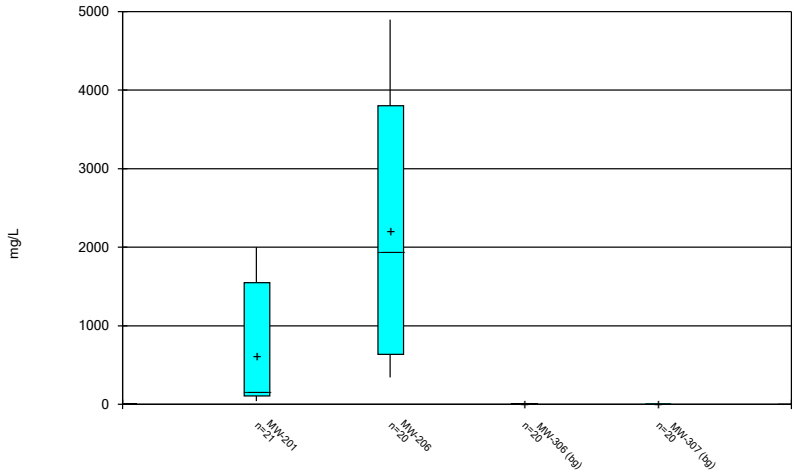
Box & Whiskers Plot



Constituent: Chloride Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

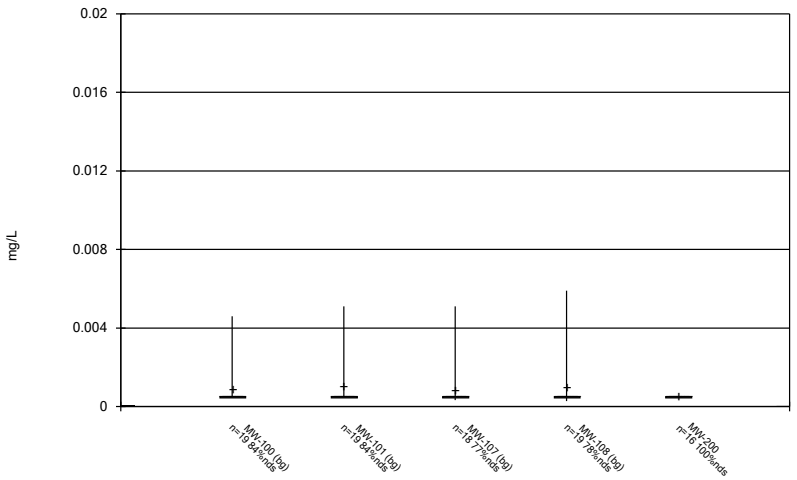
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

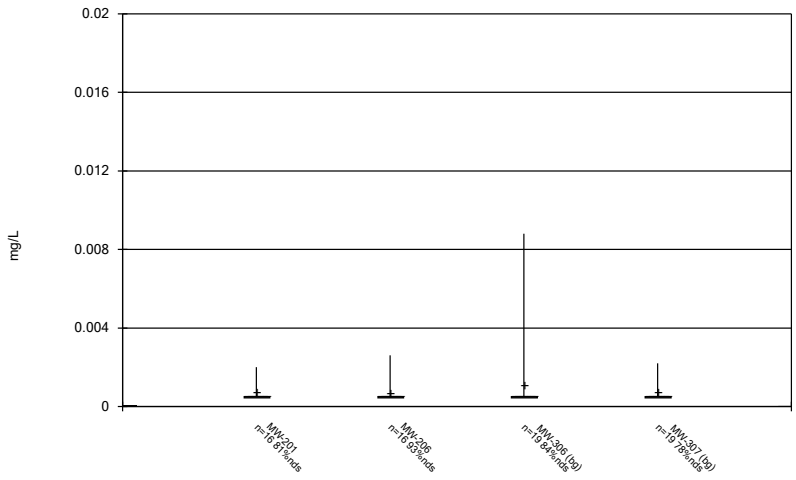
Box & Whiskers Plot



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

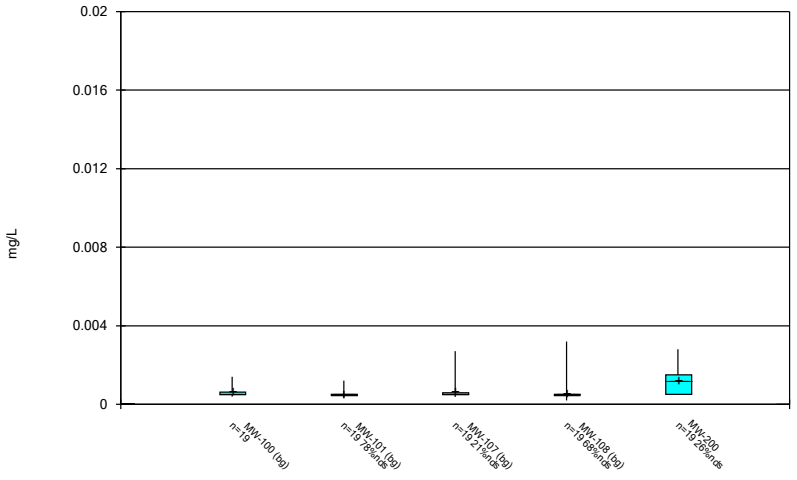
Box & Whiskers Plot



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

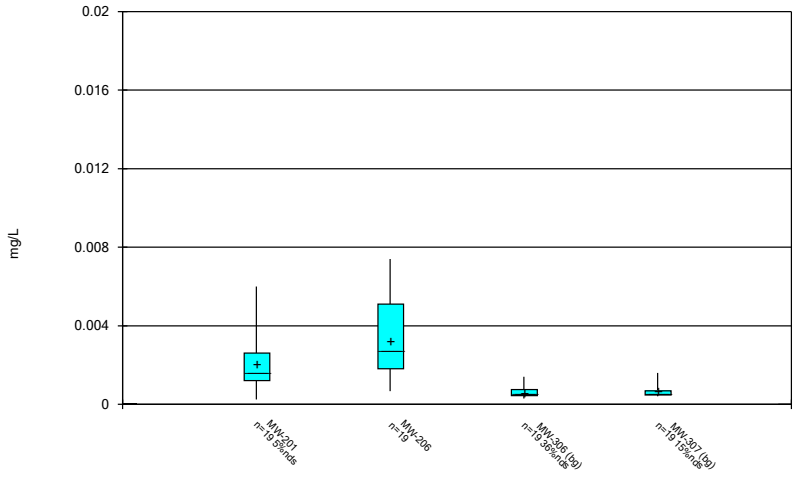
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

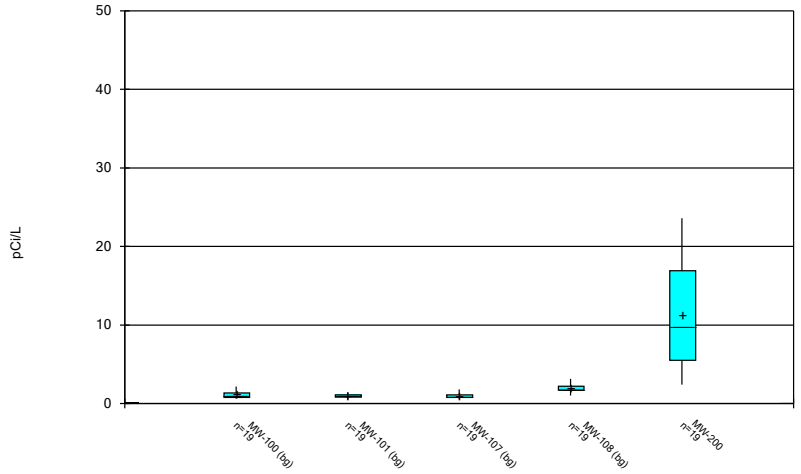
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

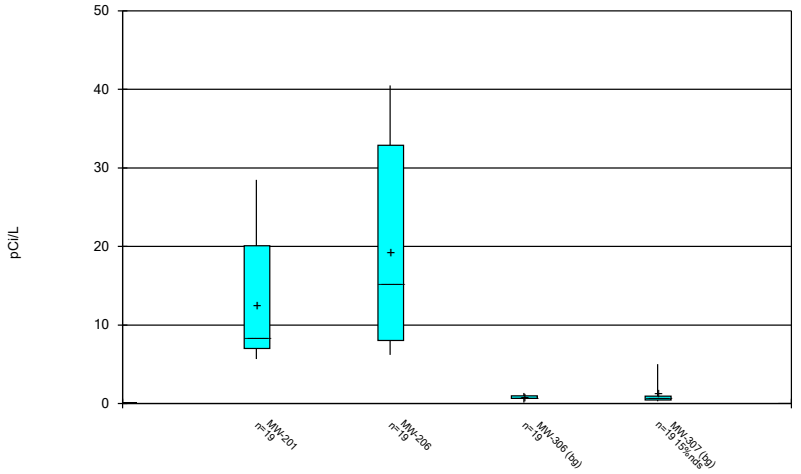
Box & Whiskers Plot



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

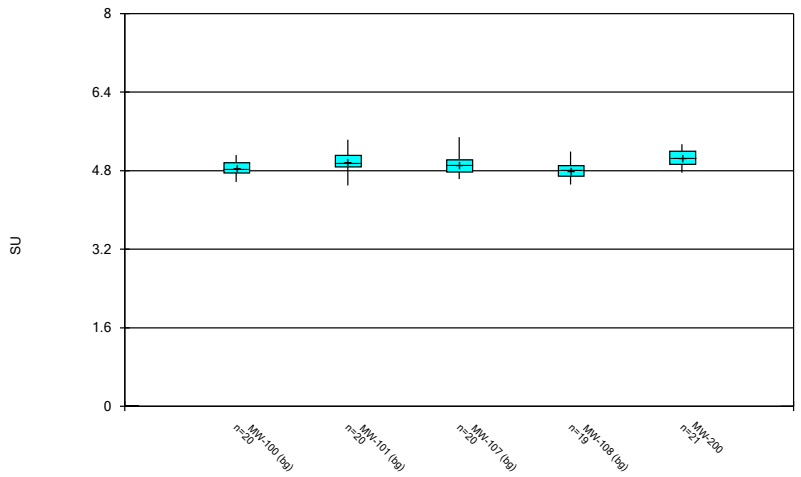
Box & Whiskers Plot



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

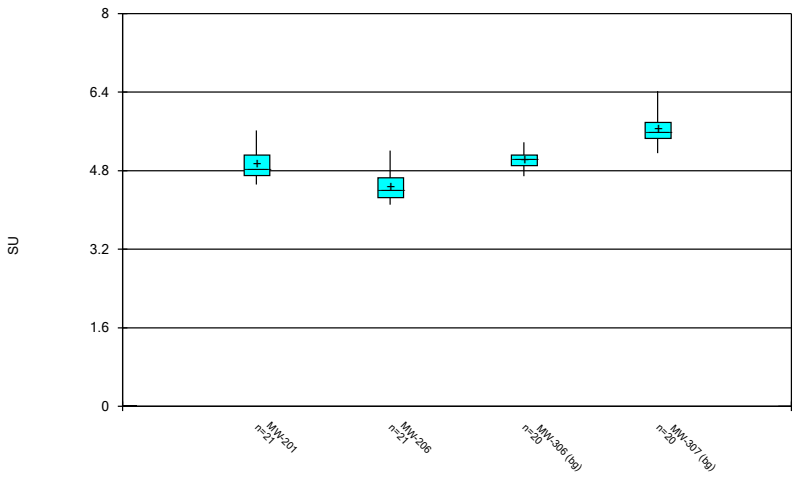
Box & Whiskers Plot



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

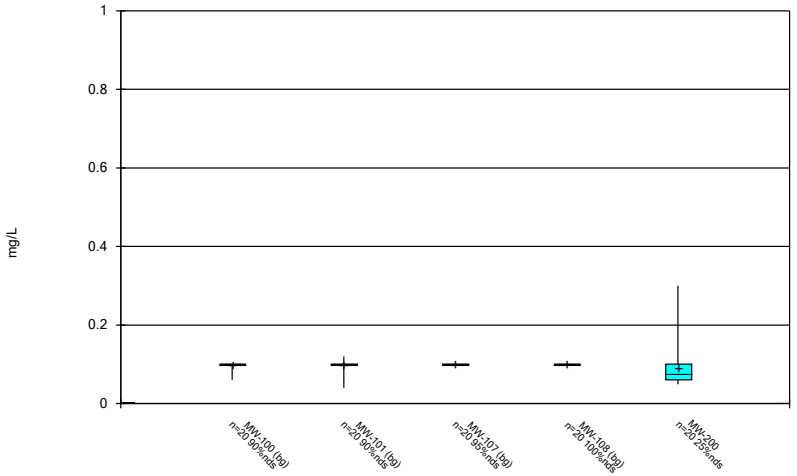
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

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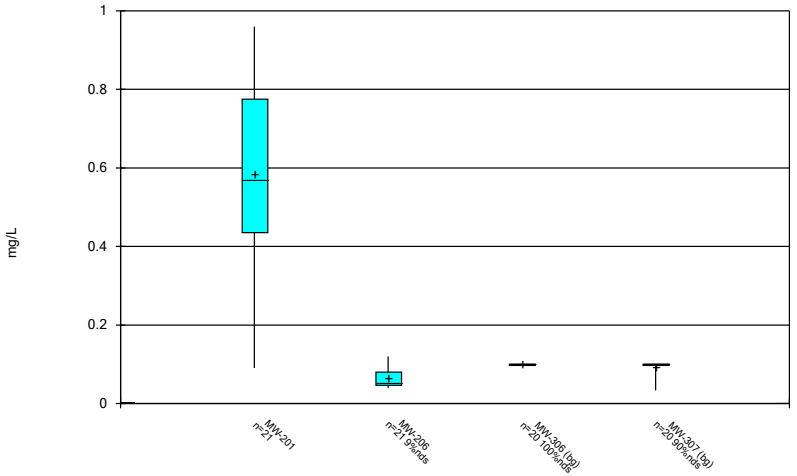
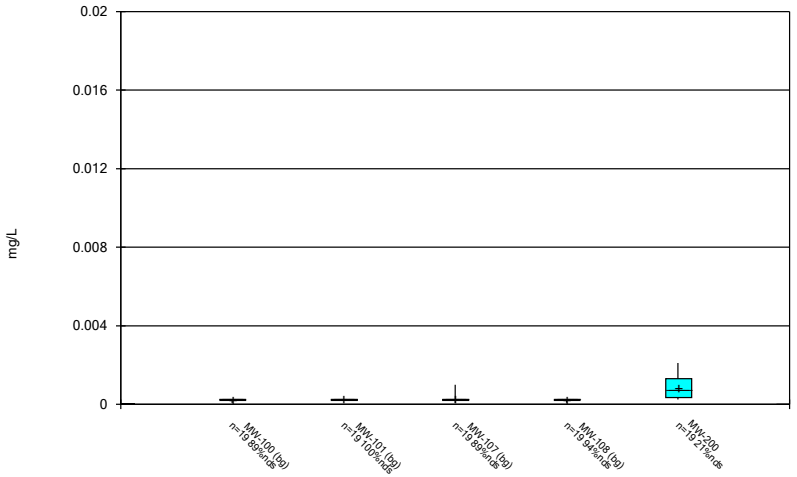
Box & Whiskers Plot



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

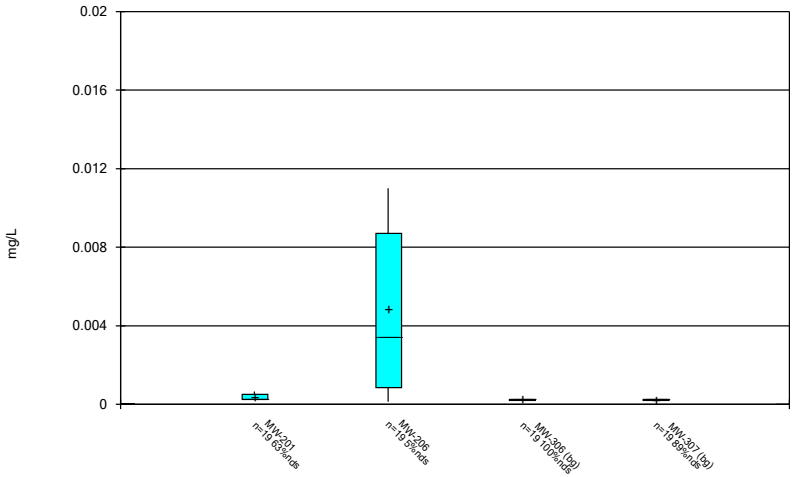
Box & Whiskers Plot



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



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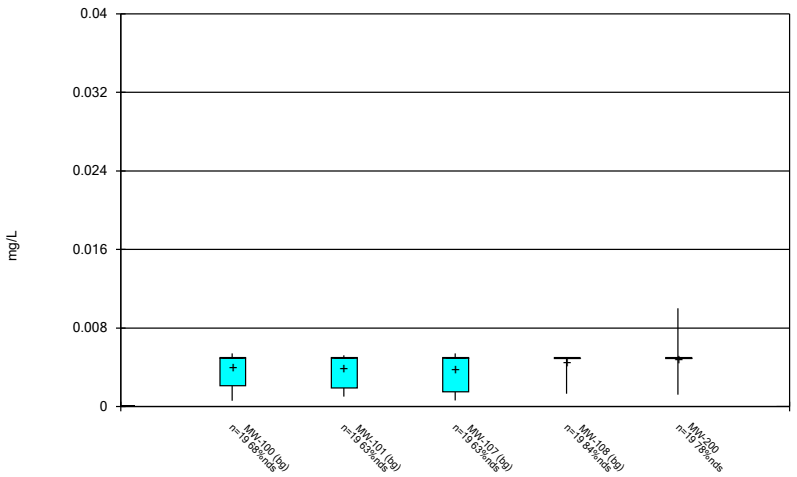
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

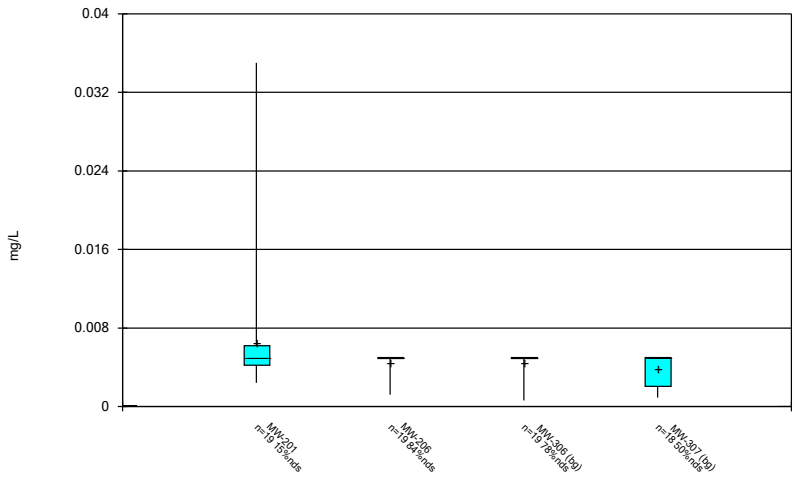
Box & Whiskers Plot



Constituent: Lithium Analysis Run 1/12/2023 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

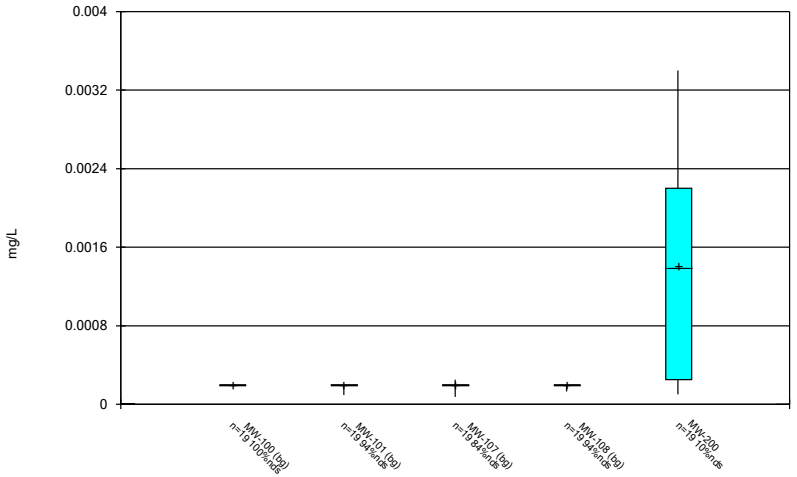
Box & Whiskers Plot



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

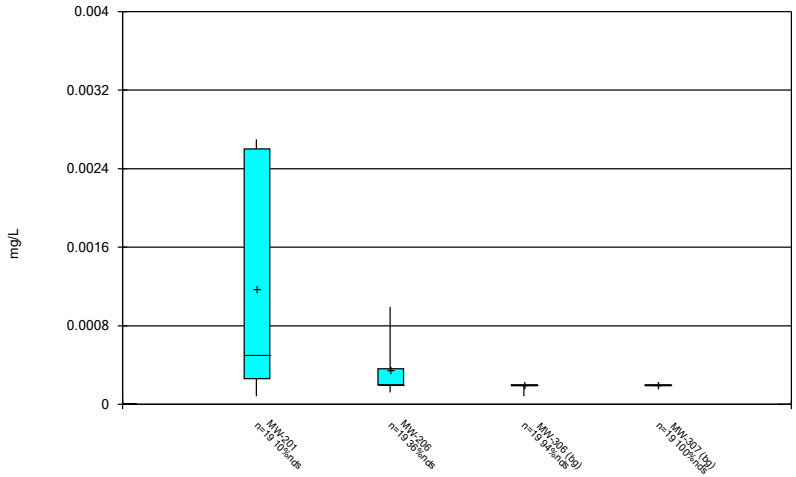
Box & Whiskers Plot



Constituent: Mercury Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

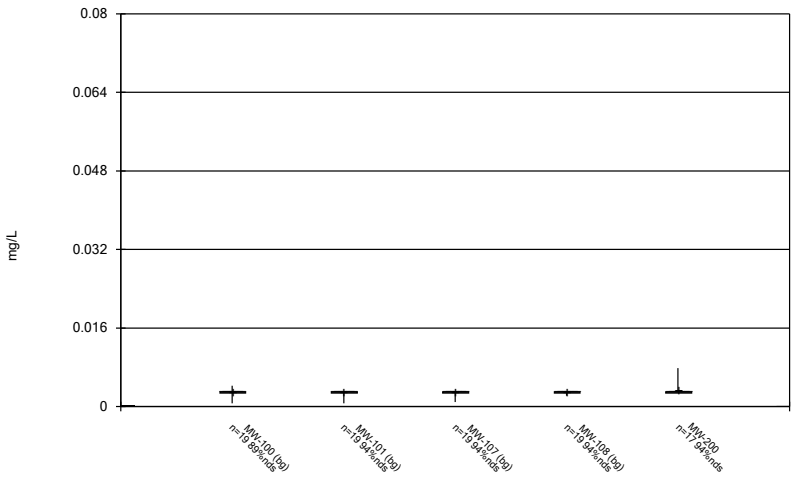
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

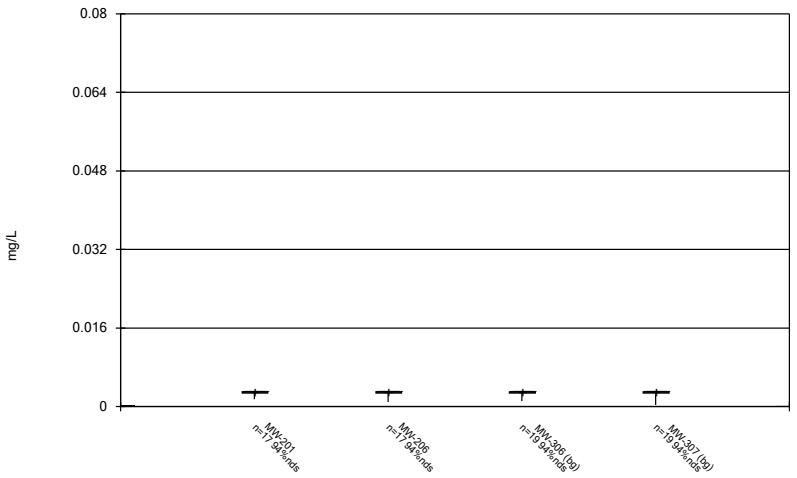
Box & Whiskers Plot



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

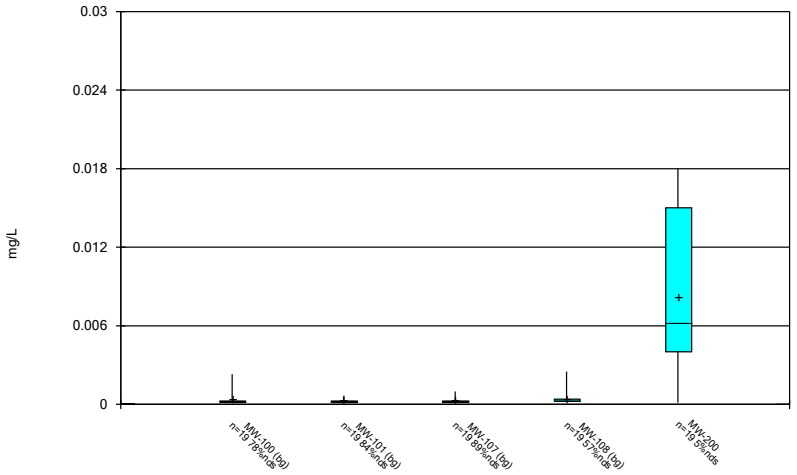
Box & Whiskers Plot



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

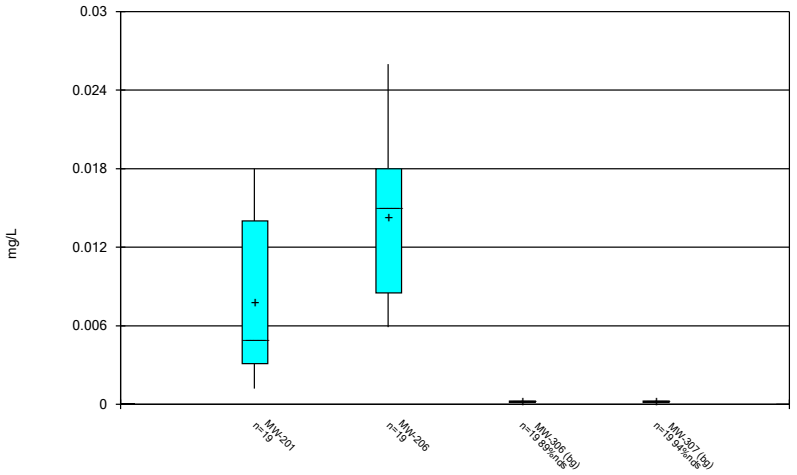
Box & Whiskers Plot



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

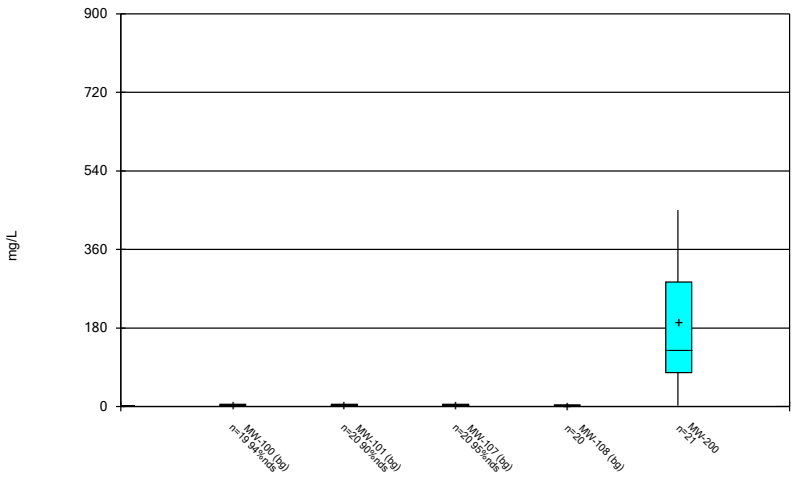
Box & Whiskers Plot



Constituent: Selenium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

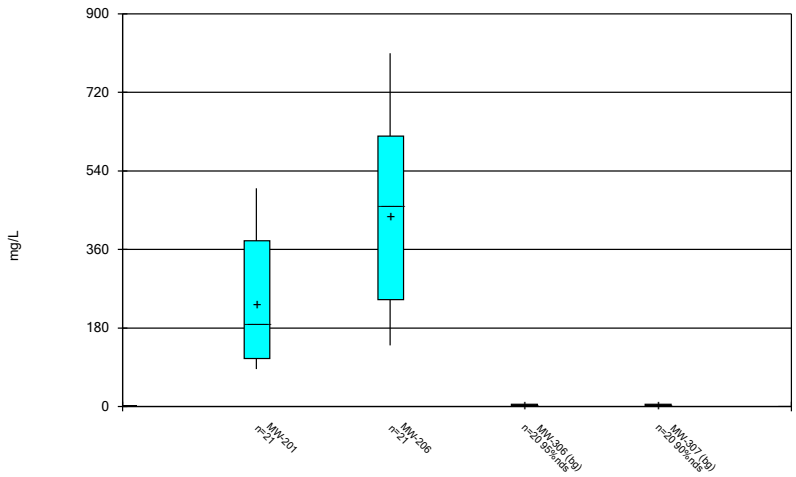
Box & Whiskers Plot



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

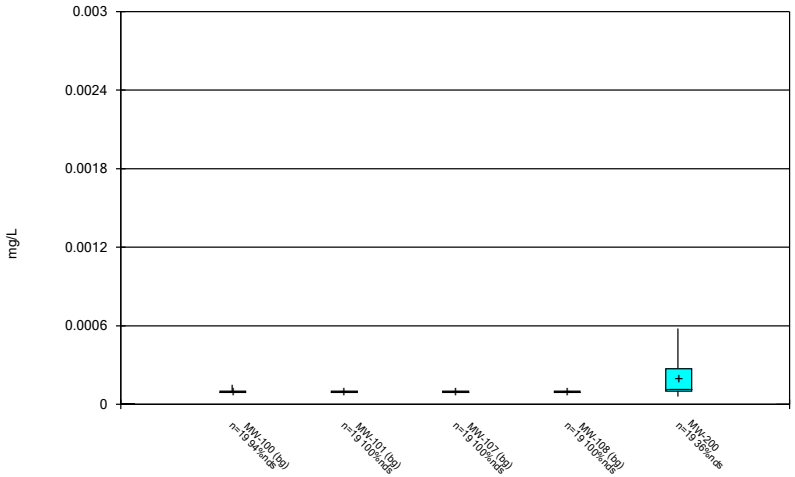
Box & Whiskers Plot



Constituent: 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

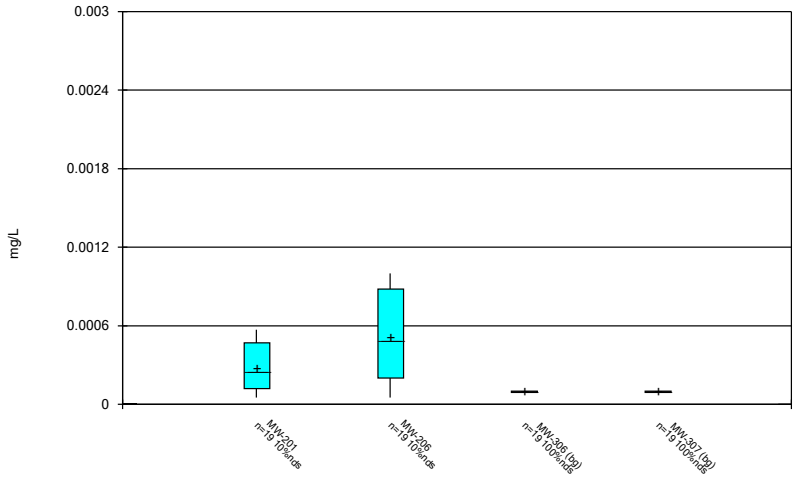
Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/12/2023 11:32 AM View: 200 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

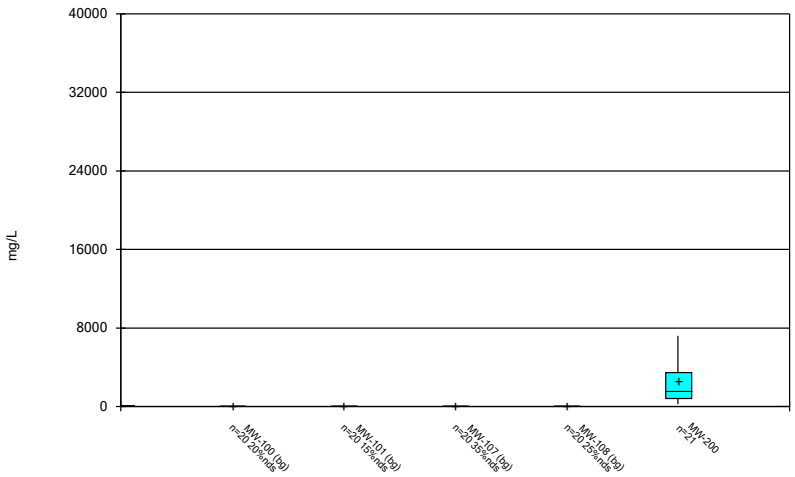
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

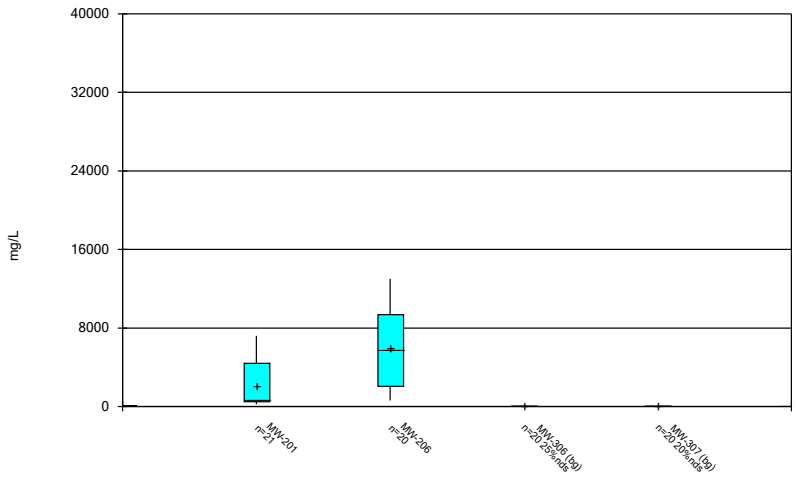
Box & Whiskers Plot



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

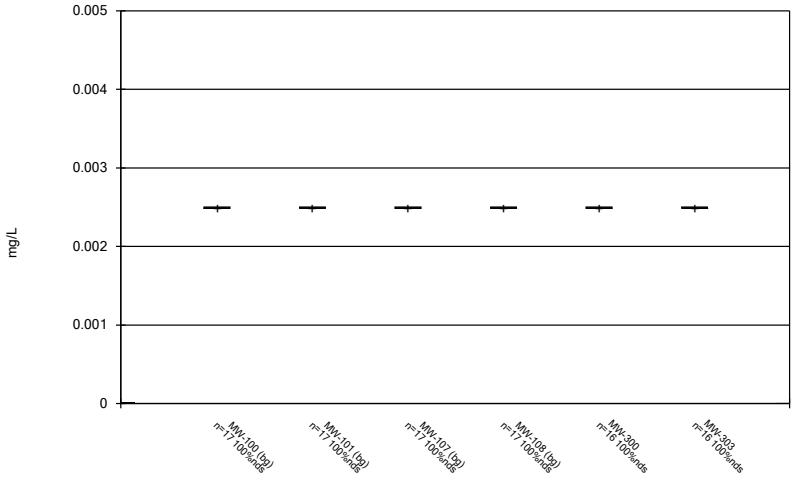
Box & Whiskers Plot



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

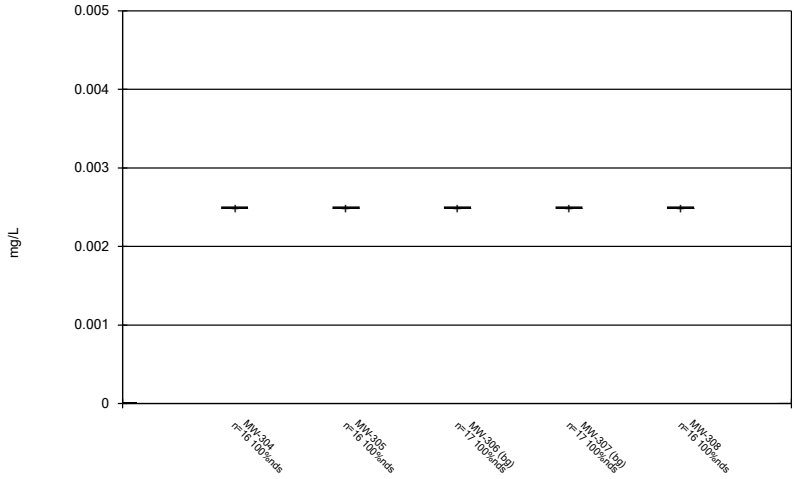
Box & Whiskers Plot



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

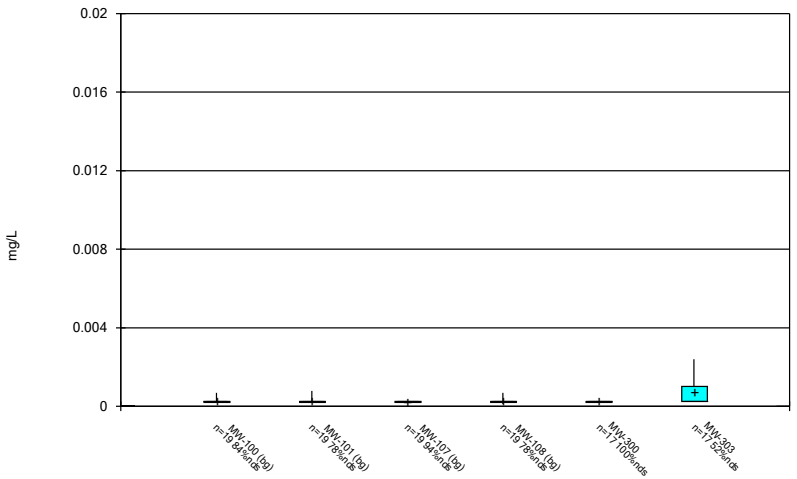
Box & Whiskers Plot



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

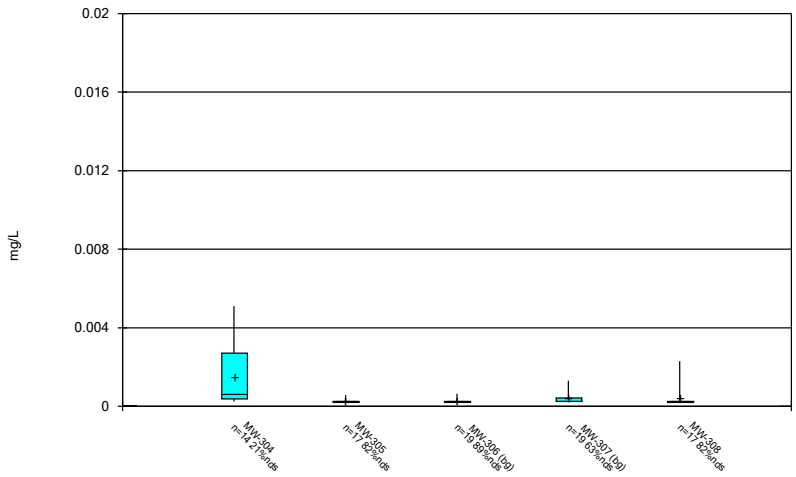
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 1/12/2023 1:47 PM View: 300 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

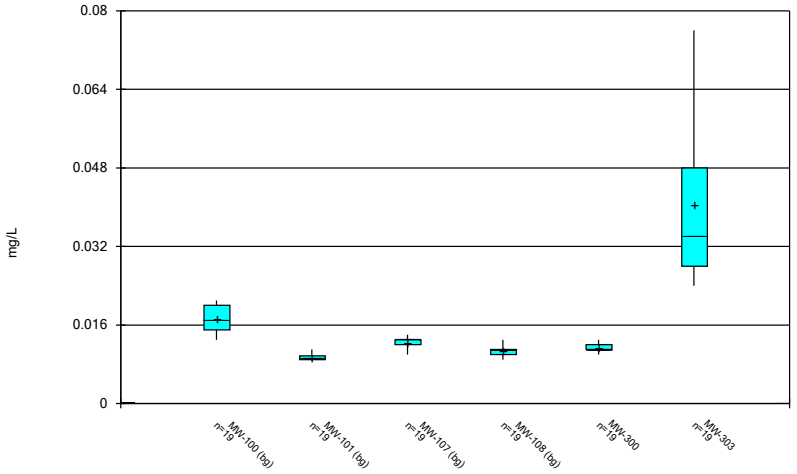
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

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

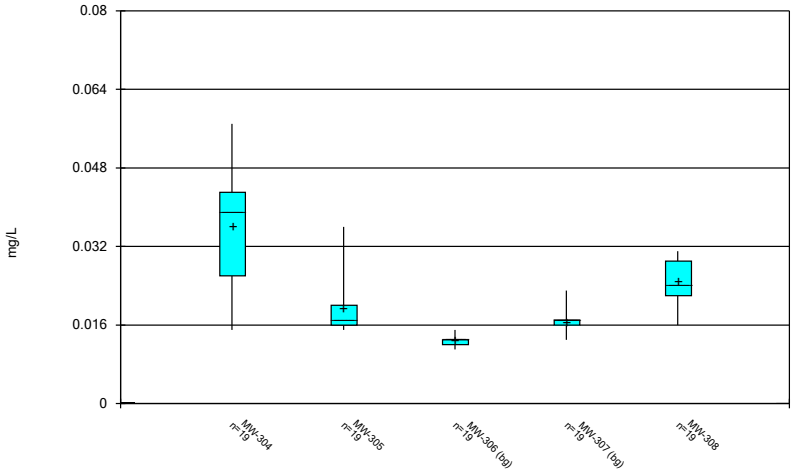
Box & Whiskers Plot



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

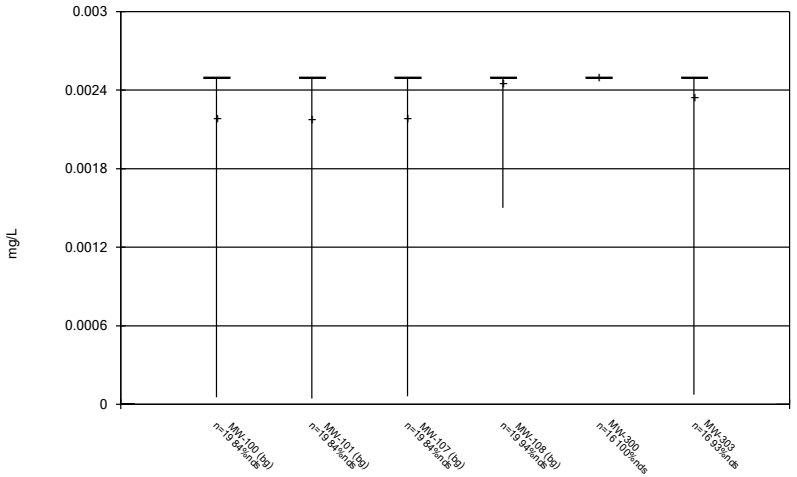
Box & Whiskers Plot



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

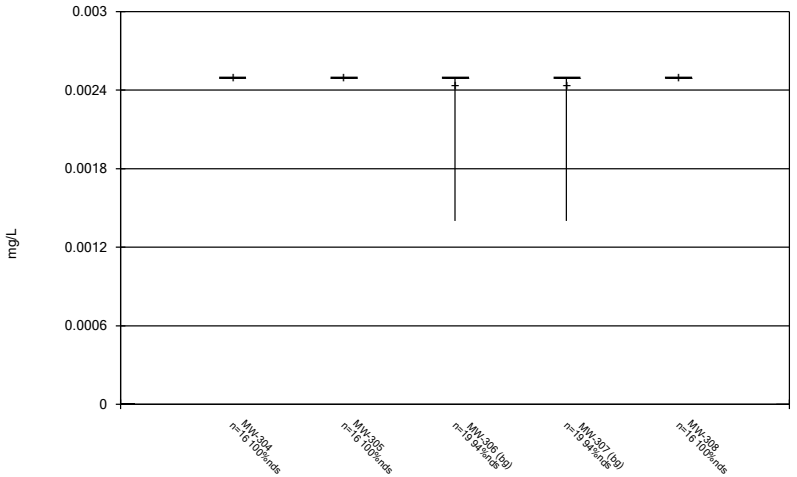
Box & Whiskers Plot



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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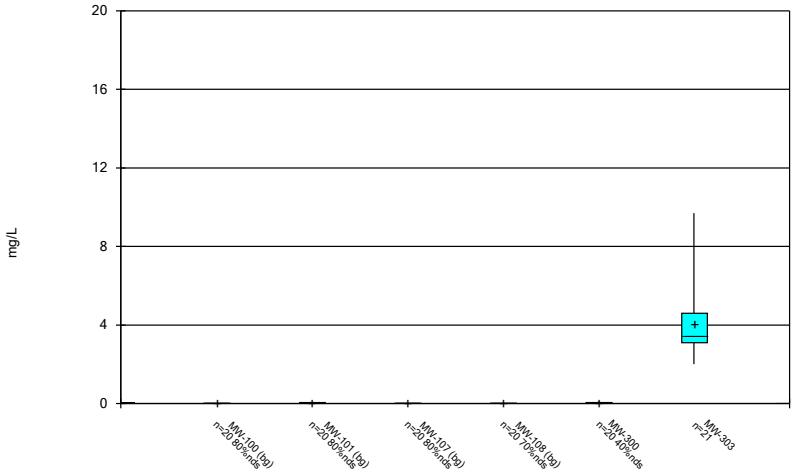
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Box & Whiskers Plot



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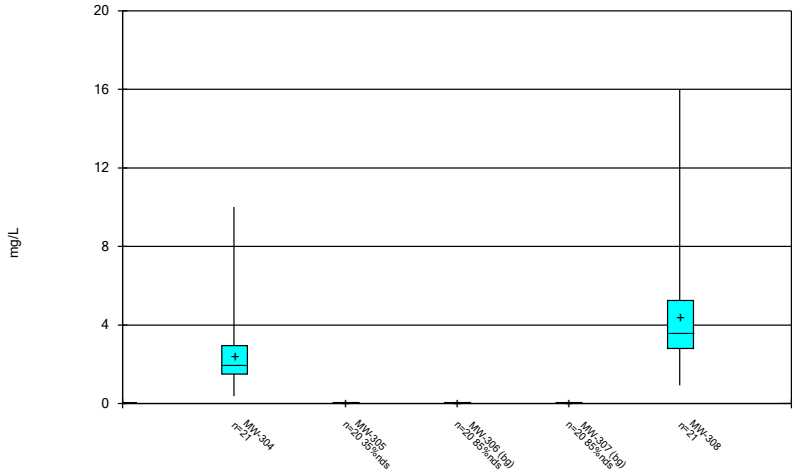
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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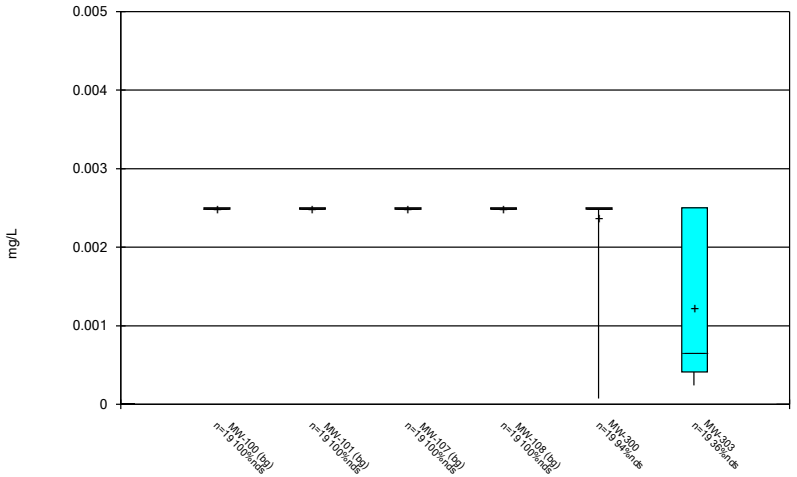
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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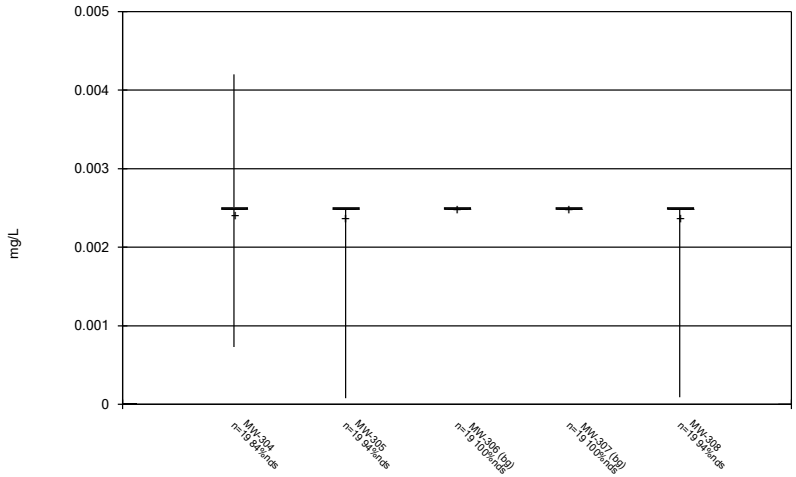
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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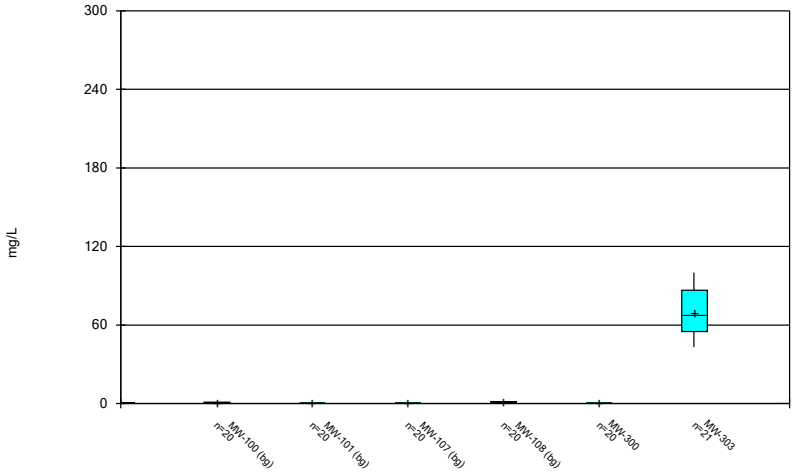
Box & Whiskers Plot



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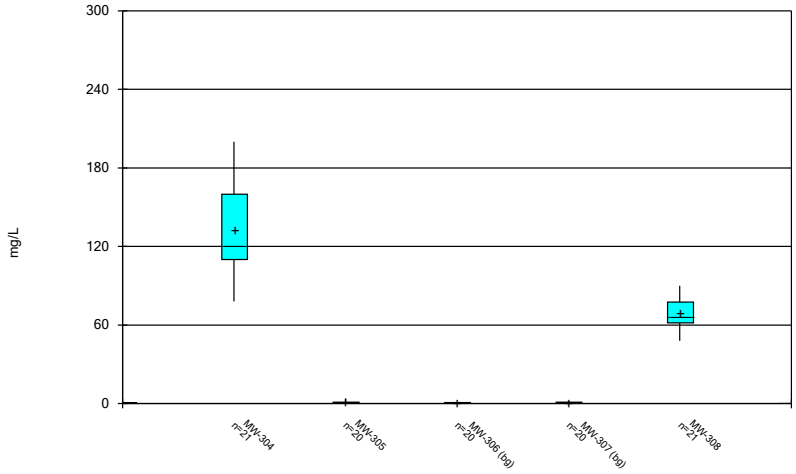
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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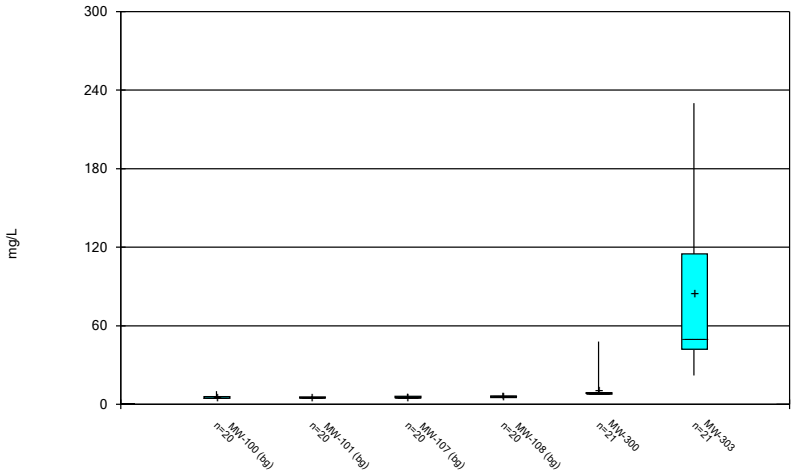
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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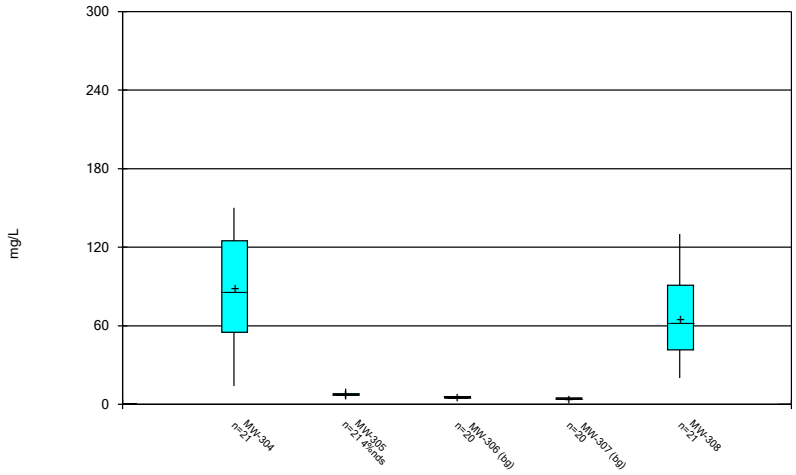
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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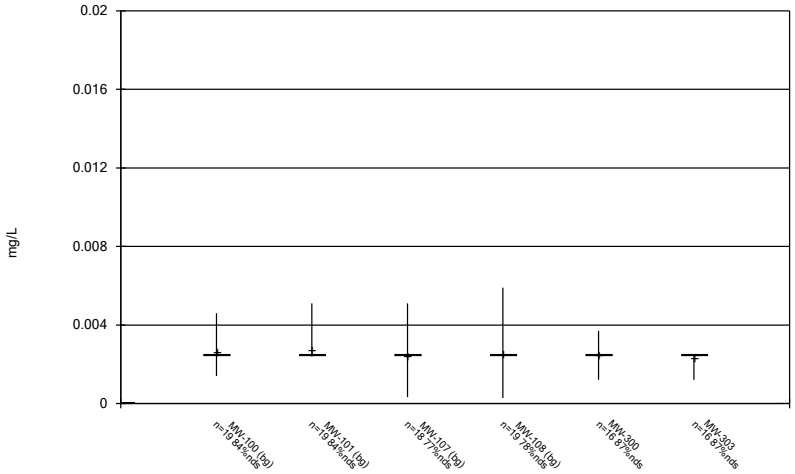
Box & Whiskers Plot



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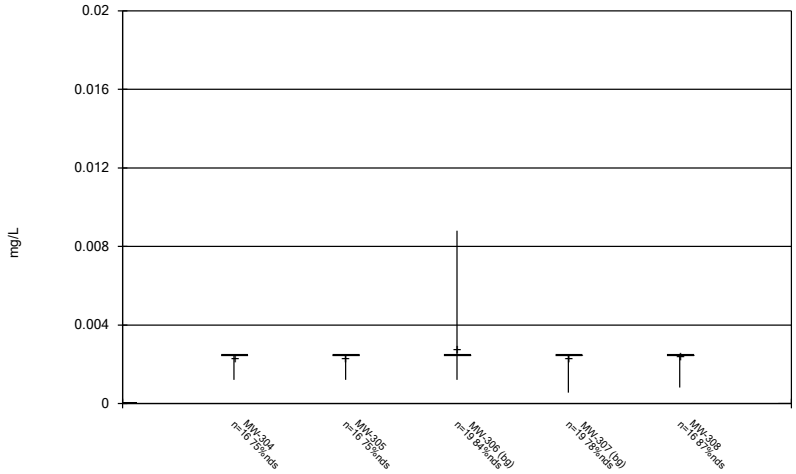
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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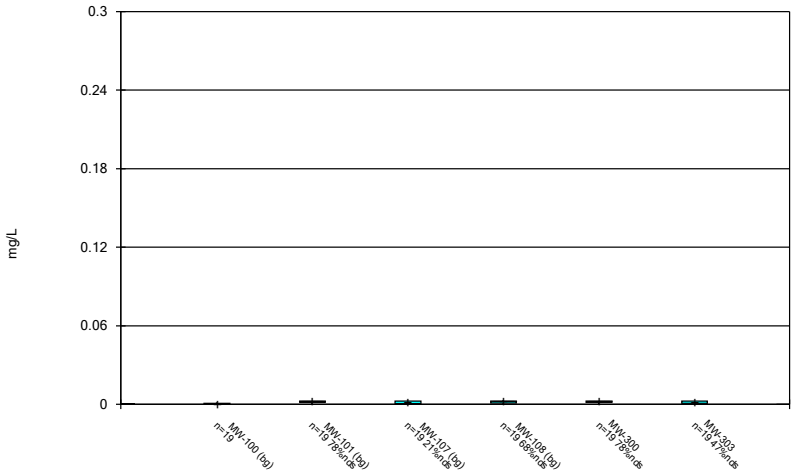
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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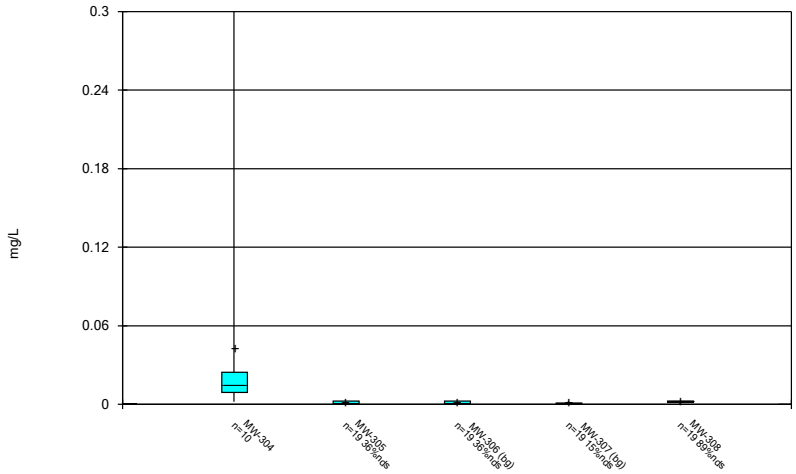
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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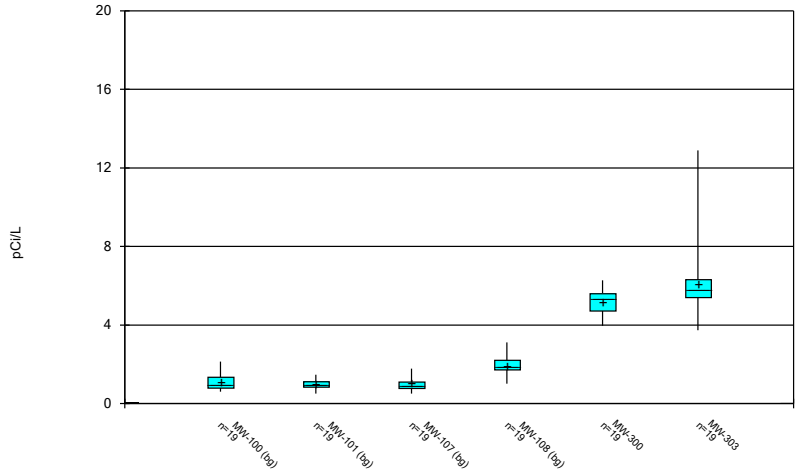
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

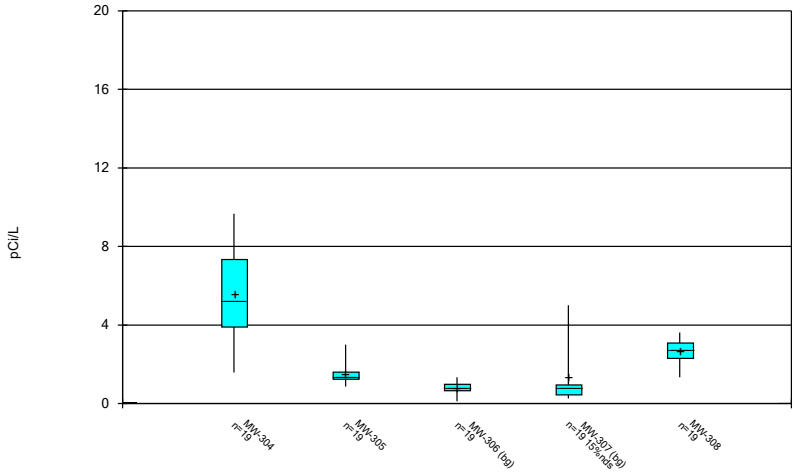
Box & Whiskers Plot



Constituent: 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



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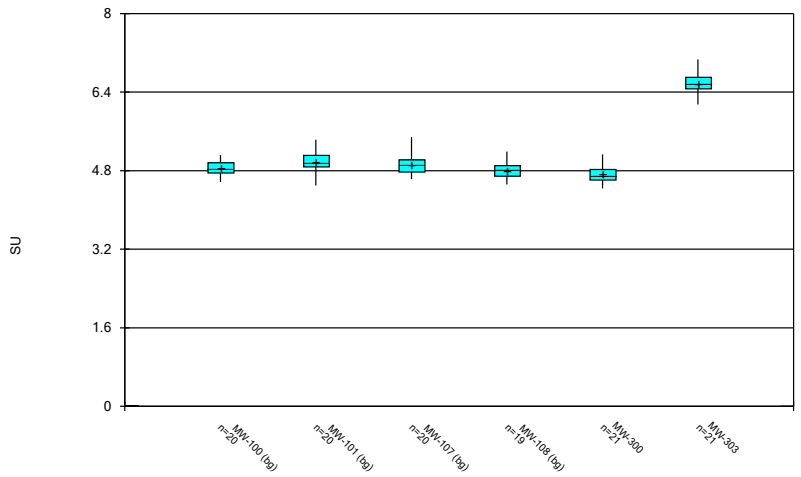
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

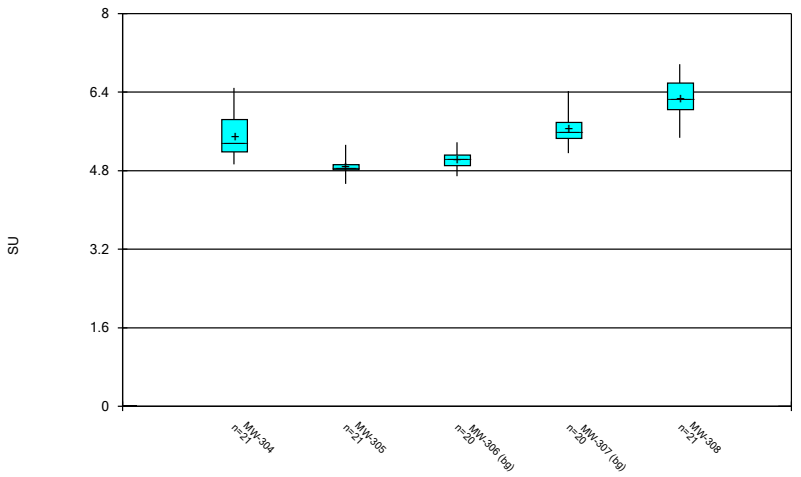
Box & Whiskers Plot



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



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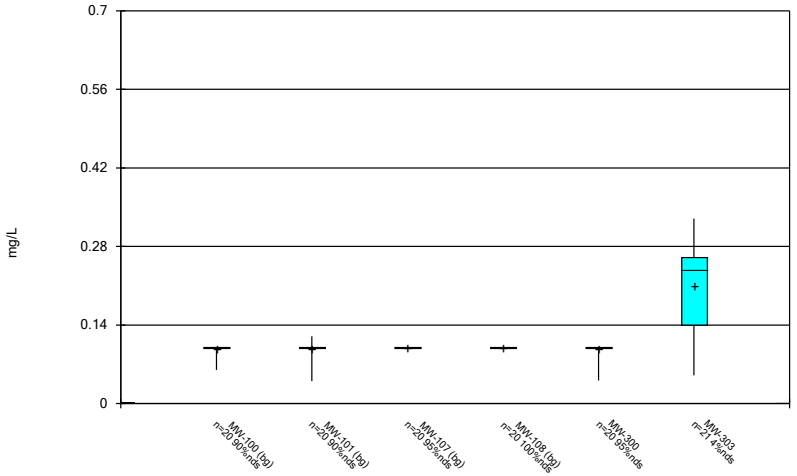
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/12/2023 1:47 PM View: 300 Series
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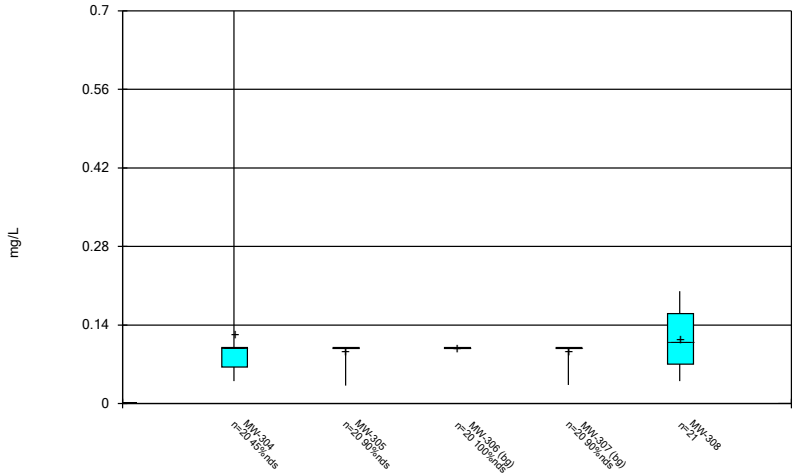
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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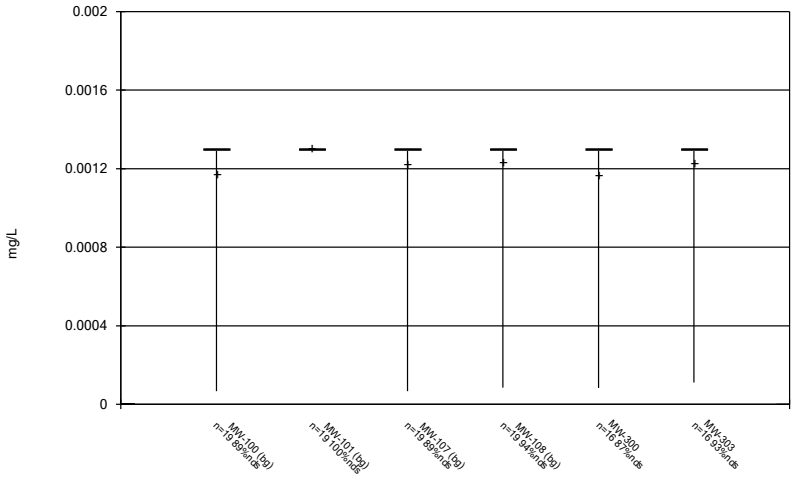

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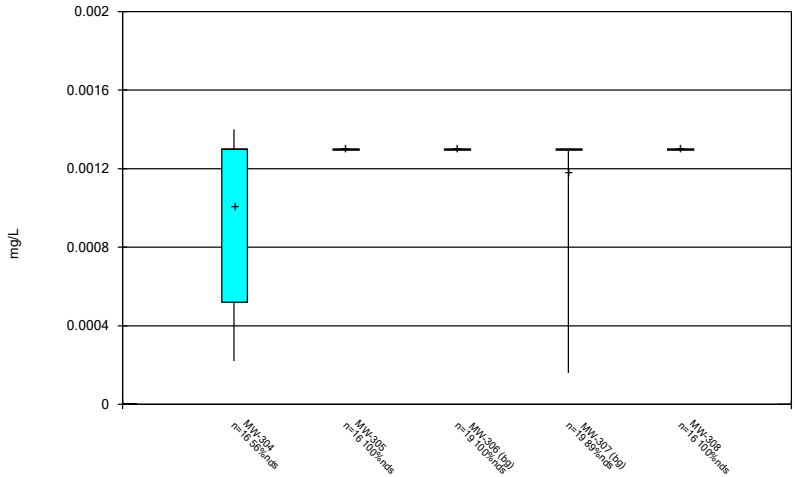

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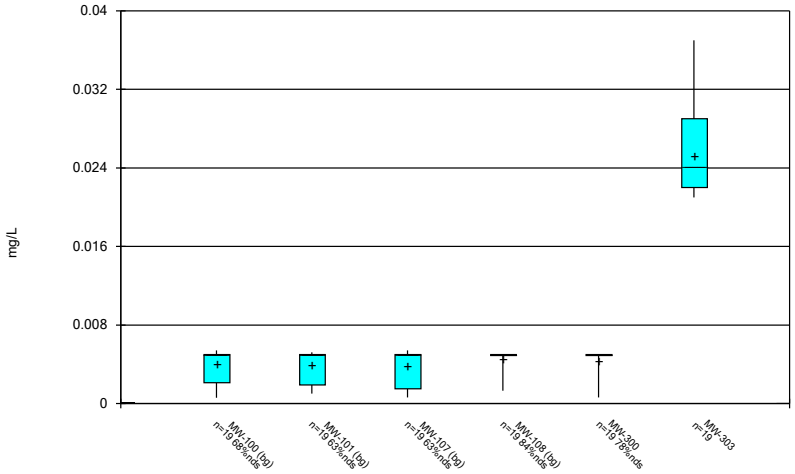

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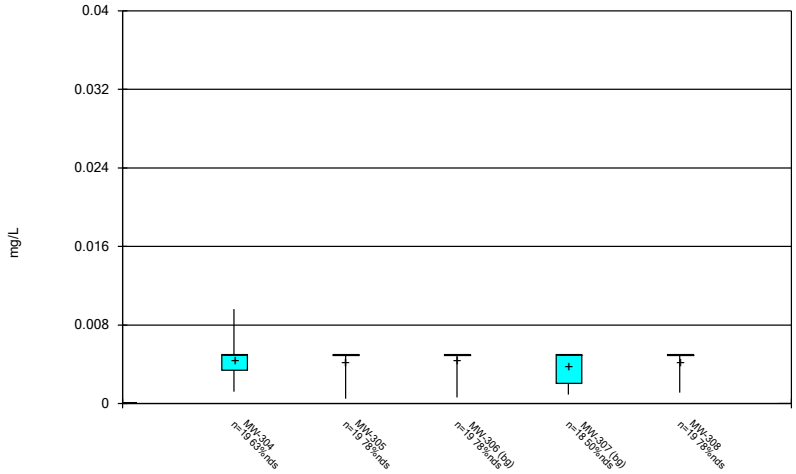
Box & Whiskers Plot



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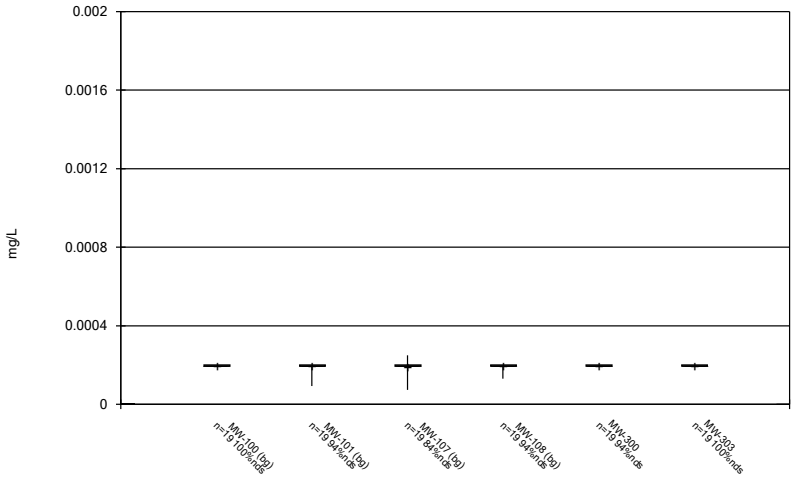
Box & Whiskers Plot



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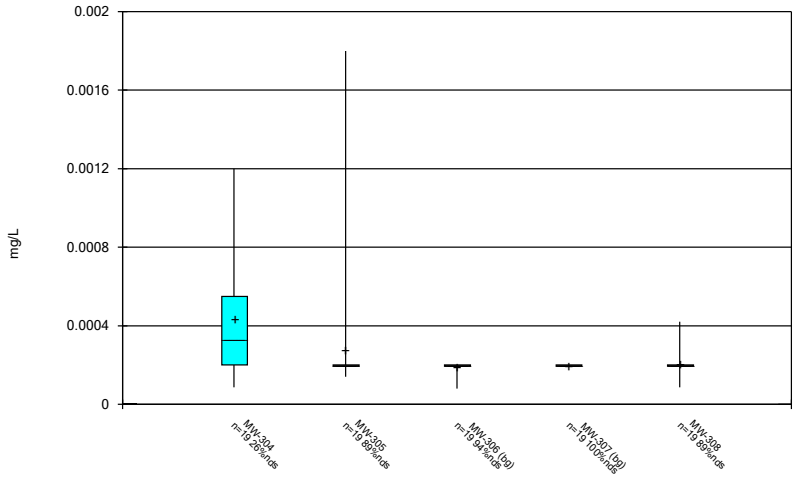
Box & Whiskers Plot



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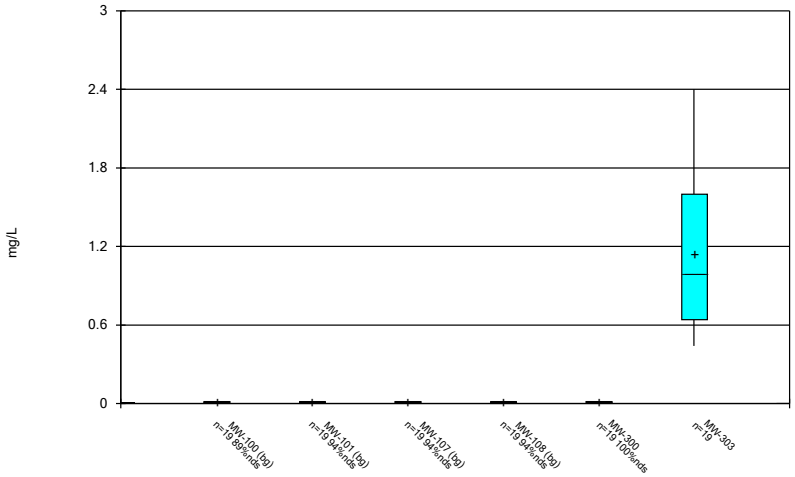

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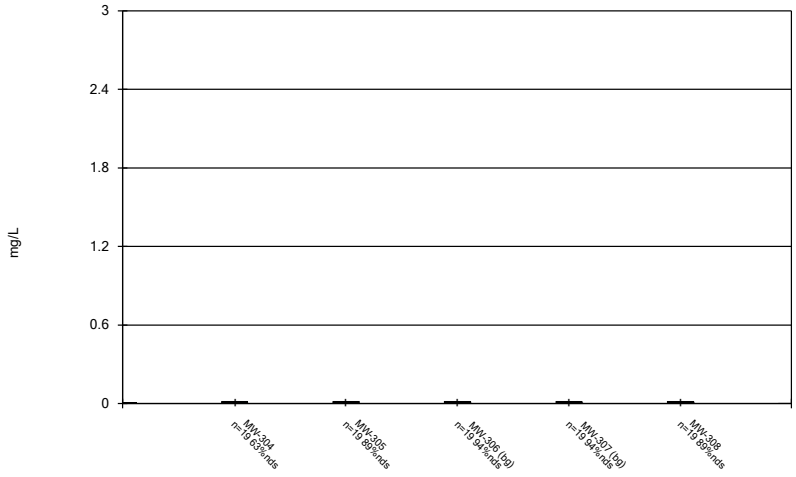
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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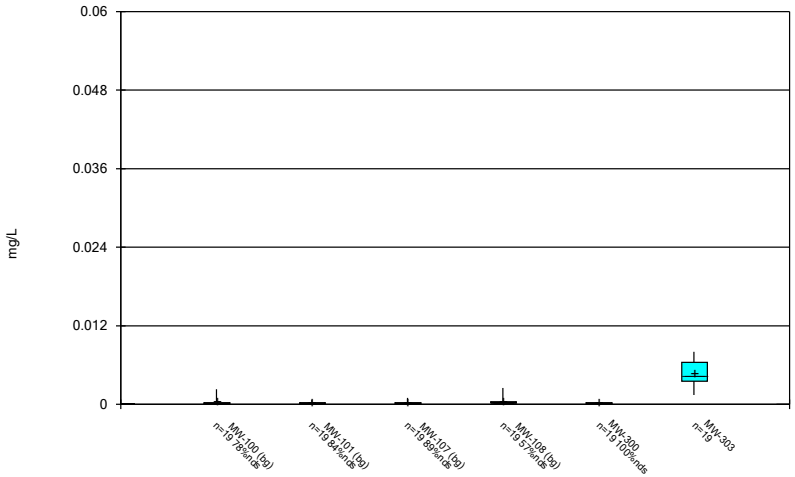
Box & Whiskers Plot



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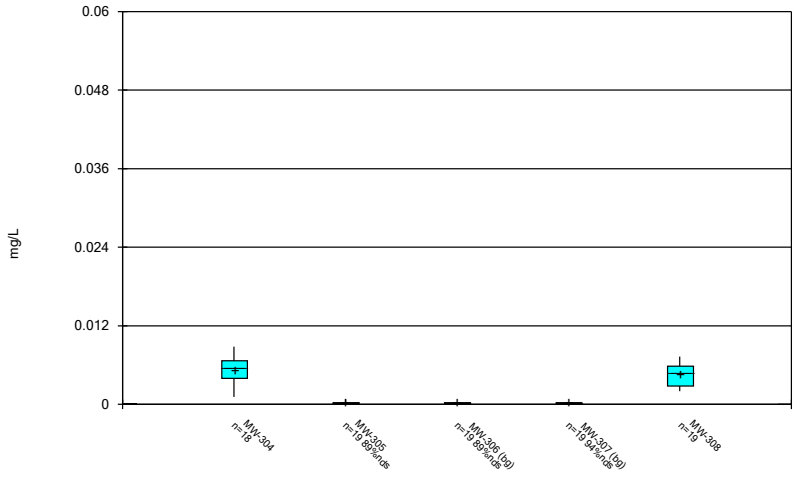
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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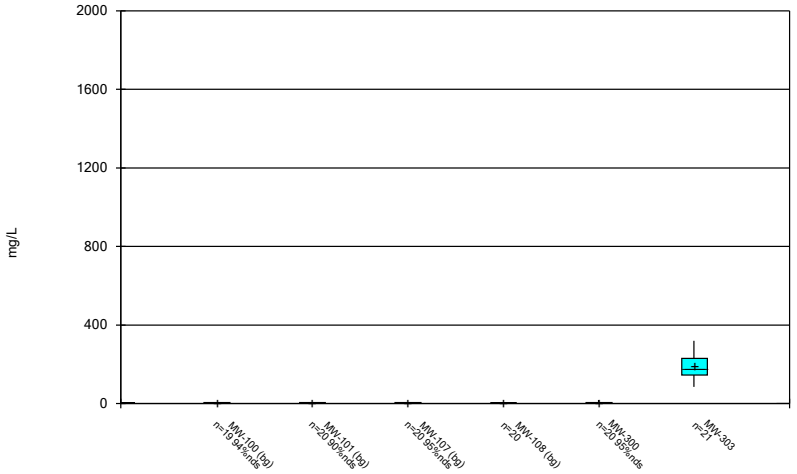
Box & Whiskers Plot



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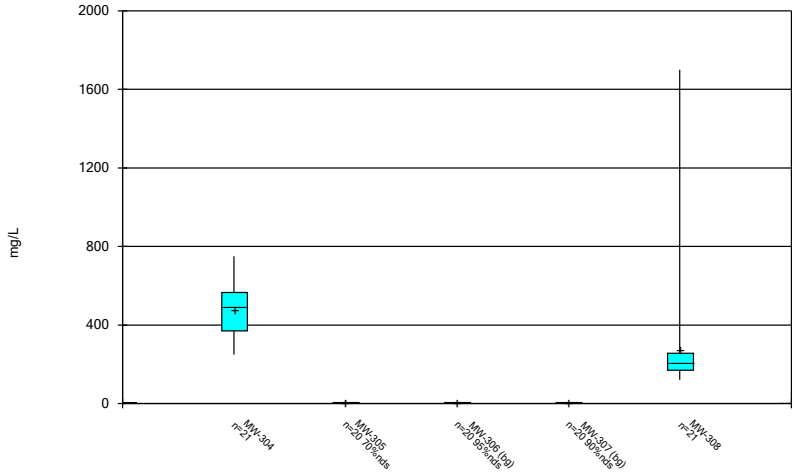
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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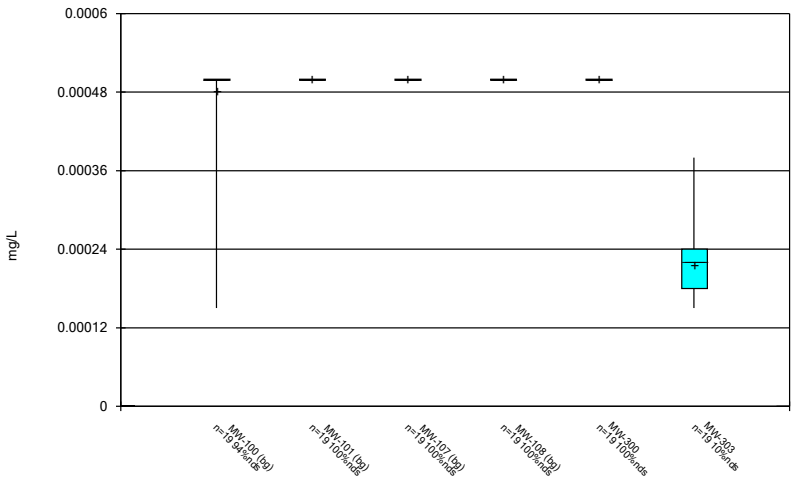
Box & Whiskers Plot



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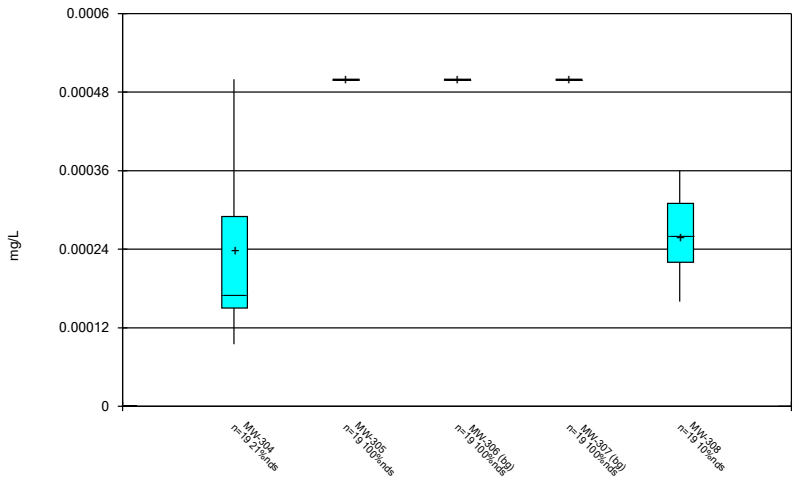
Sanitas™ v.9.6.36 Groundwater Stats Consulting. UG

Box & Whiskers Plot



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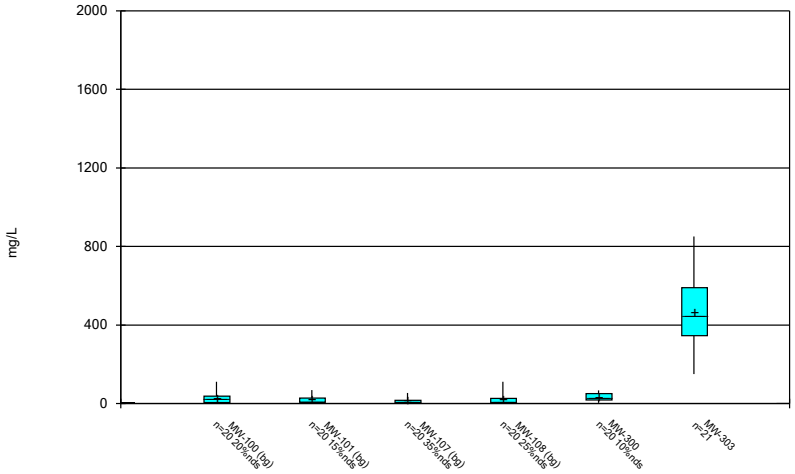
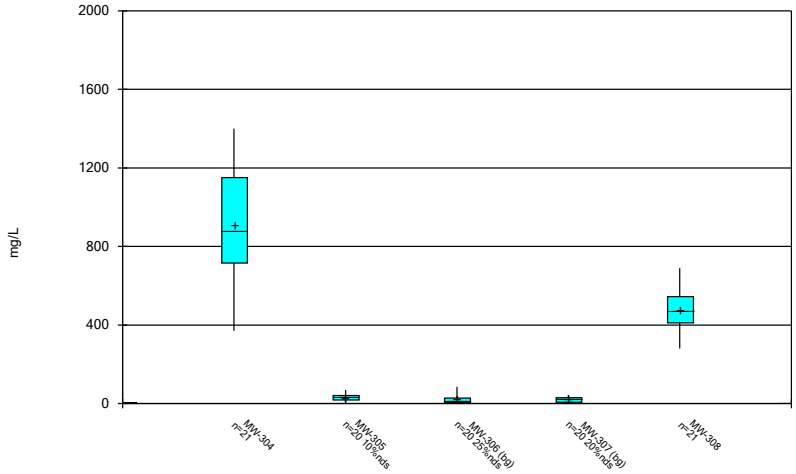
Box & Whiskers Plot



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

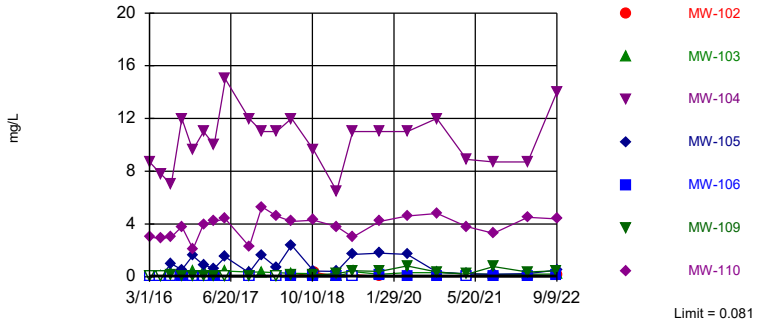
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-102**	**0.081**	**n/a**	**9/9/2022**	**0.13**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001243**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-103**	**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.

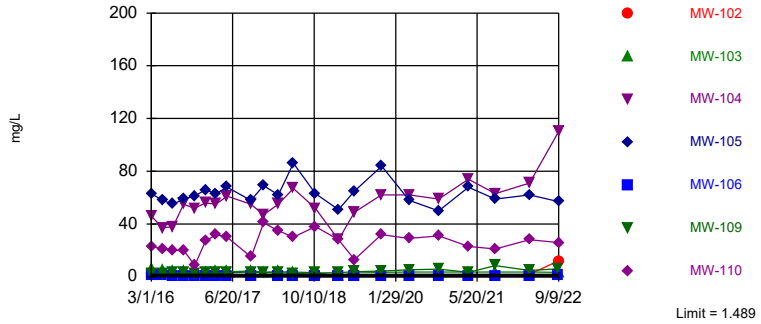
Constituent: Boron Analysis Run 1/13/2023 2:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

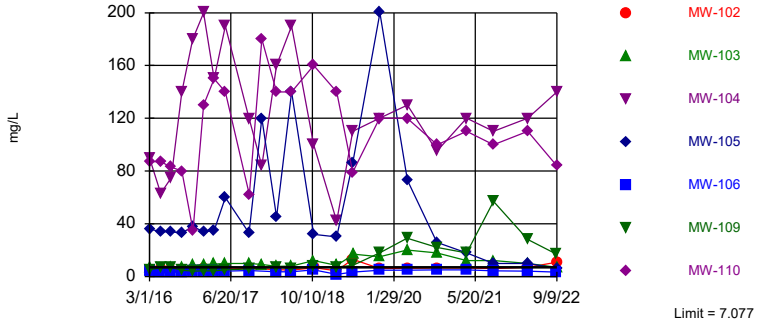
Constituent: Calcium Analysis Run 1/13/2023 2:04 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

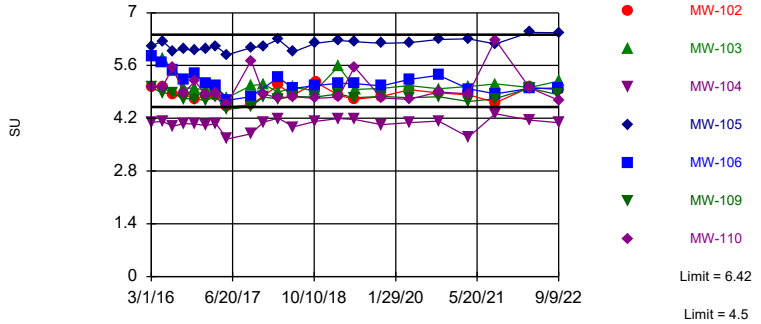
Constituent: Chloride Analysis Run 1/13/2023 2:05 AM View: 100 Series
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Exceeds Limits: MW-104, MW-105

Prediction Limit

Interwell Non-parametric



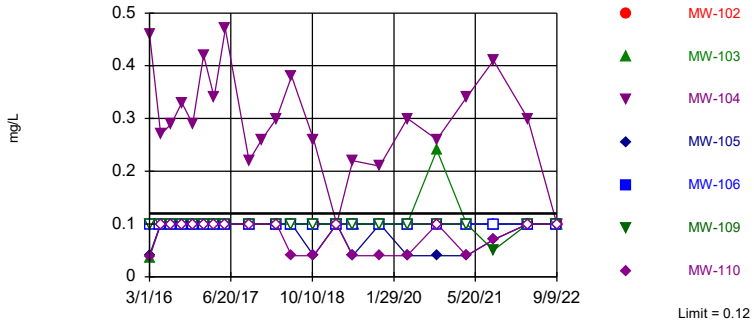
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 125 background values. Annual per-constituent alpha = 0.003527. Individual comparison alpha = 0.0002521 (1 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



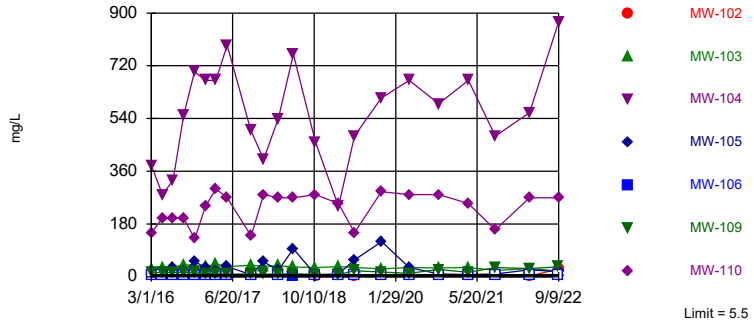
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 126 background values. 94.44% NDs. Annual per-constituent alpha = 0.001739. Individual comparison alpha = 0.0001243 (1 of 2). Comparing 7 points to limit.

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



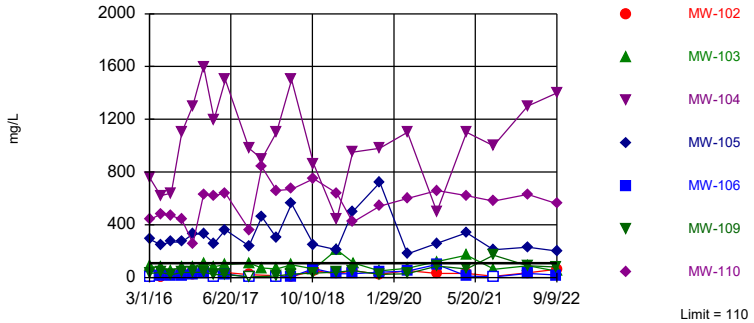
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 125 background values. 75.2% NDs. Annual per-constituent alpha = 0.001764. Individual comparison alpha = 0.0001261 (1 of 2). Comparing 7 points to limit.

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

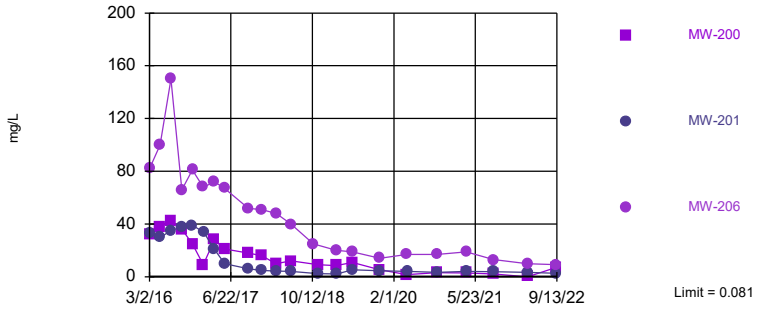
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**MW-200**	**0.081**	**n/a**	**9/13/2022**	**7.2**	**Yes**	**126**	**n/a**	**n/a**	**76.19**	**n/a**	**n/a**	**0.0001246**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**MW-201**	**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

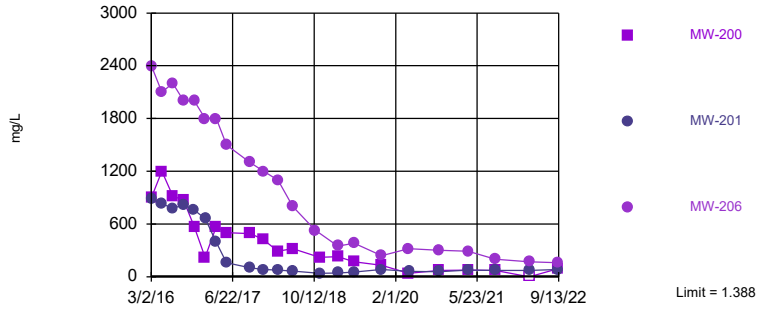
Sanitas™ v.9.6.36 . UG

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

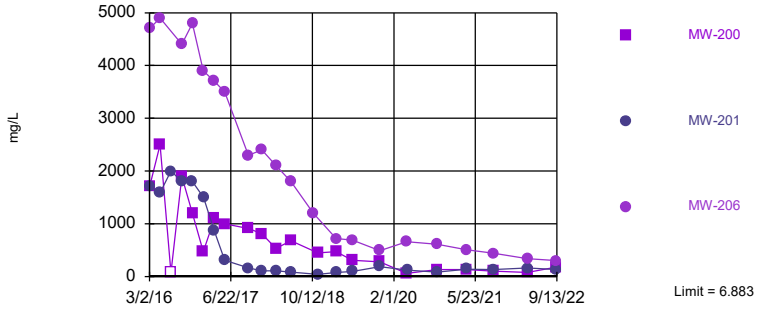
Sanitas™ v.9.6.36 . UG

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

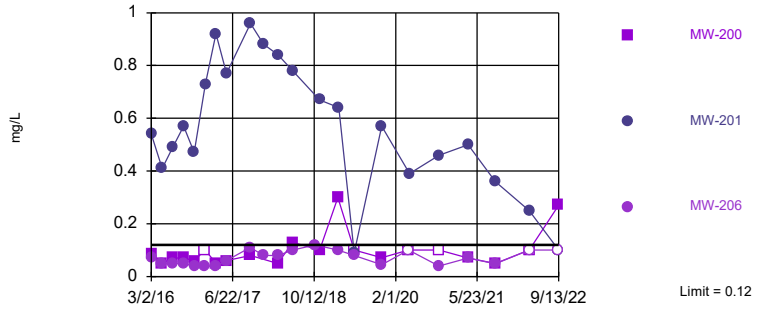
Sanitas™ v.9.6.36 . UG

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.

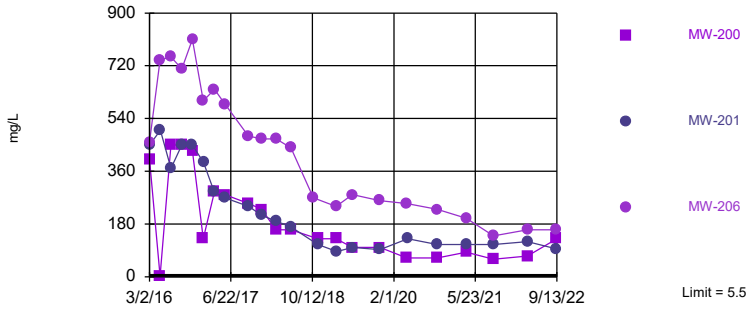
Constituent: Fluoride Analysis Run 1/13/2023 1:31 AM View: 200 Series Interwell

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

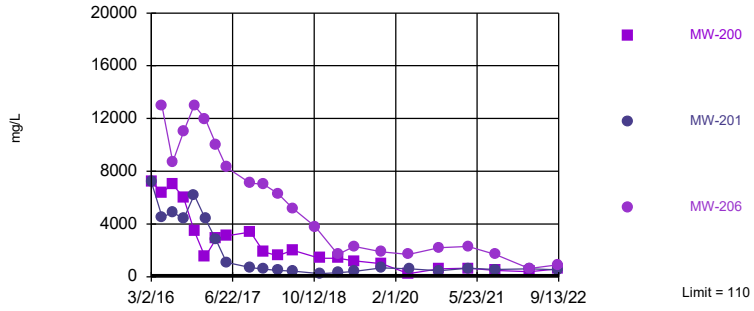
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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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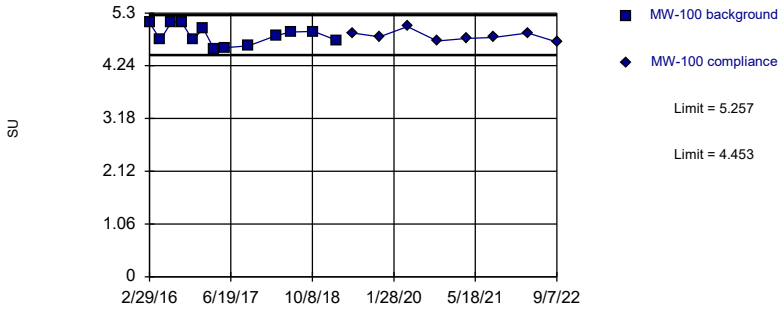
Within Limits

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

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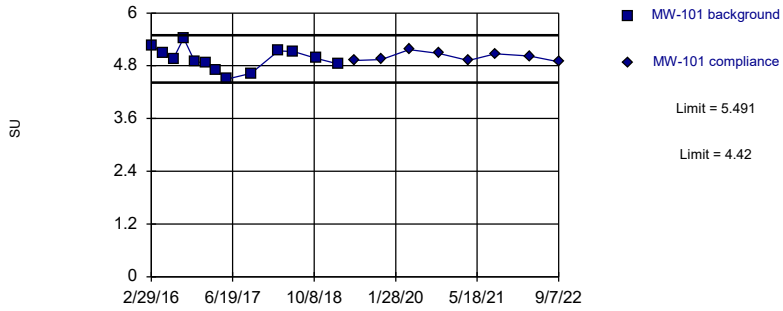
Within Limits

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 1/13/2023 1:28 AM View: 200 Series Intrawell

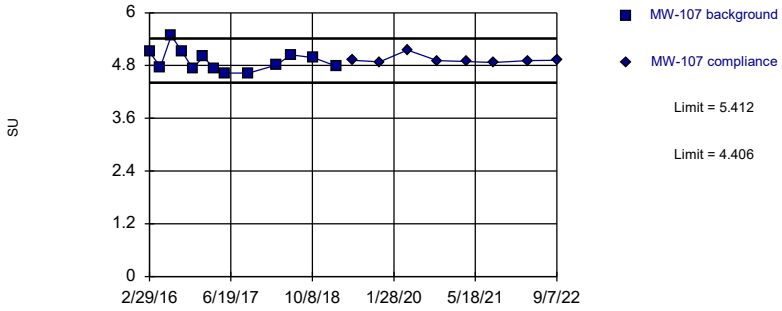
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

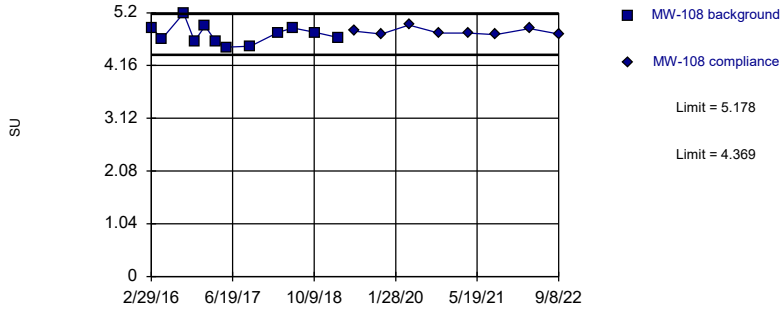
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

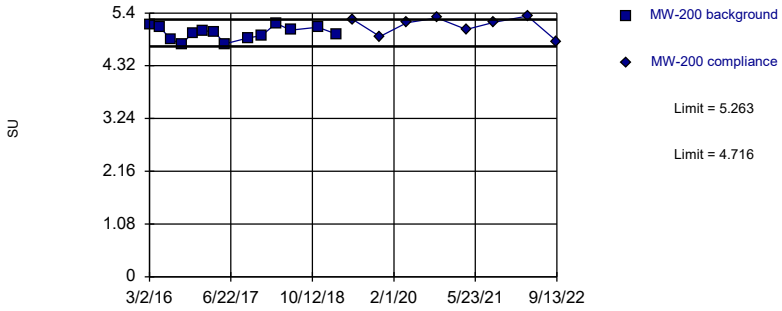
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

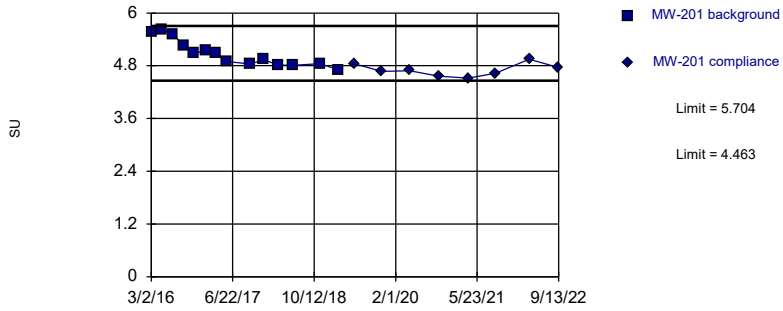
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.084, Std. Dev.=0.304, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8864, critical = 0.825. Kappa = 2.041 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.002505.

Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

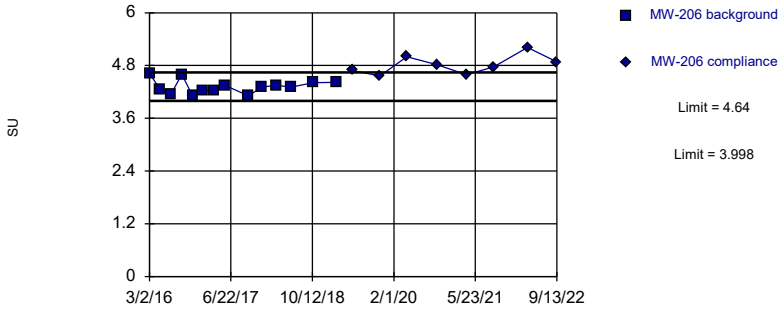
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

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

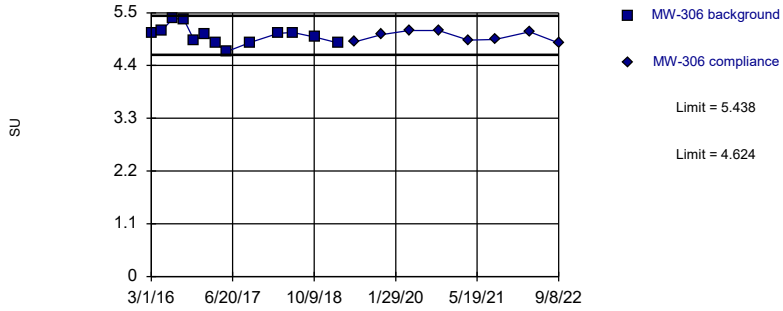
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

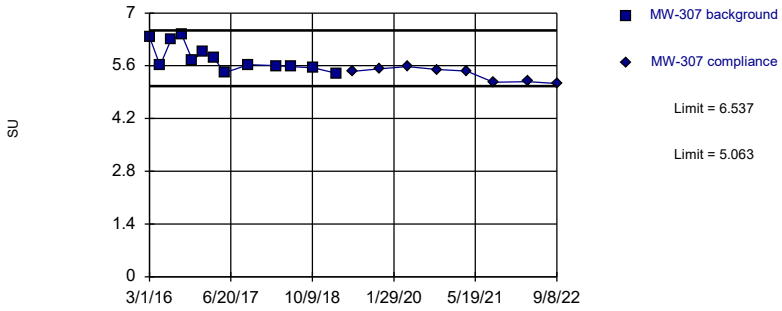
Constituent: Field pH Analysis Run 1/13/2023 1:28 AM View: 200 Series Intrawell

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

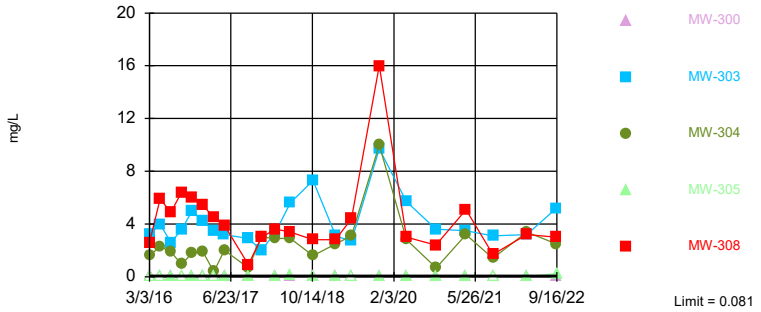
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-300	0.081	n/a	9/12/2022	0.05	No	126	n/a	n/a	76.19	n/a	n/a	0.0001245	NP Inter (NDs) 1 of 2
Boron (mg/L)	**MW-303**	**0.081**	**n/a**	**9/12/2022**	**5.2**	**Yes**	**126**	**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.

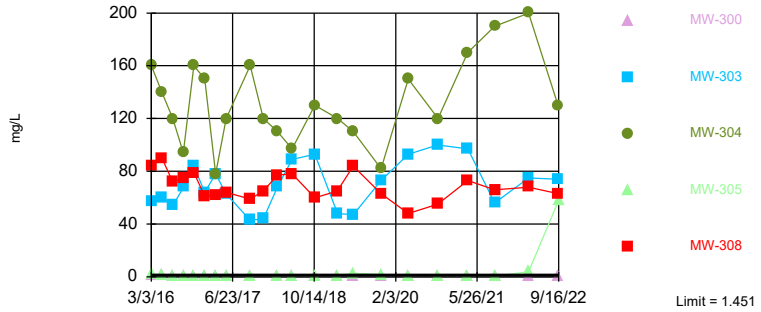
Constituent: Boron Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

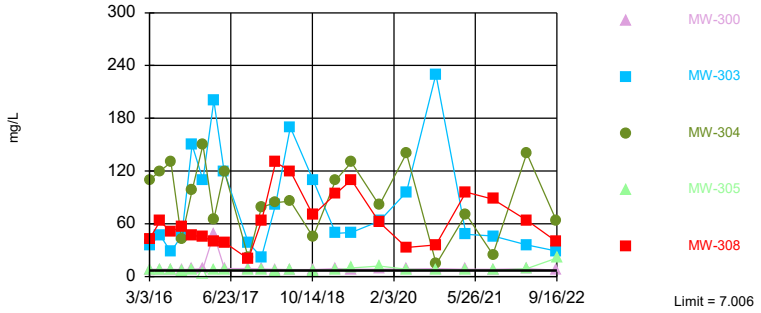
Constituent: Calcium Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

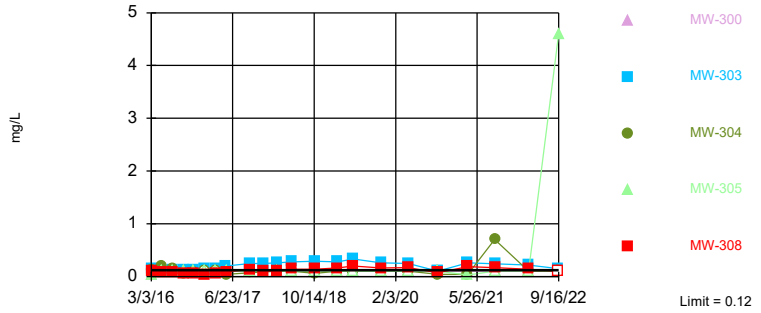
Constituent: Chloride Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

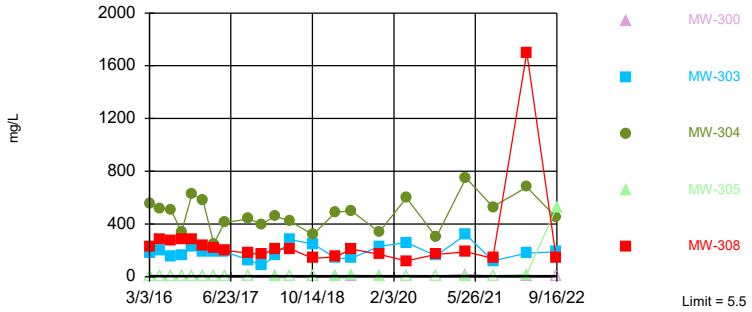
Constituent: Fluoride Analysis Run 1/13/2023 1:52 AM View: 300 Series Interwell
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

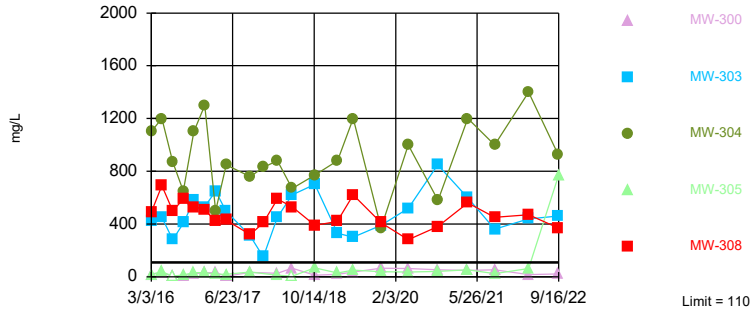
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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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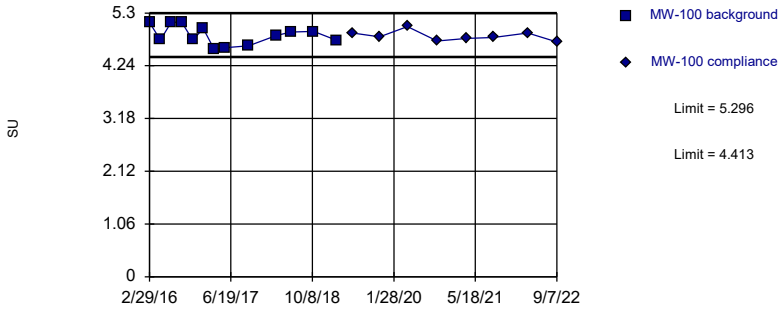
Within Limits

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

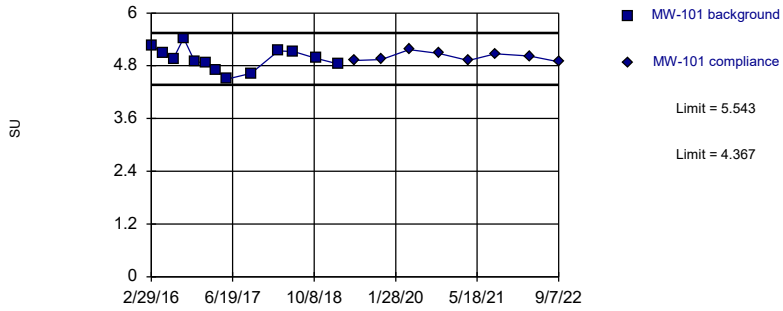
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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 = 2.279 (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

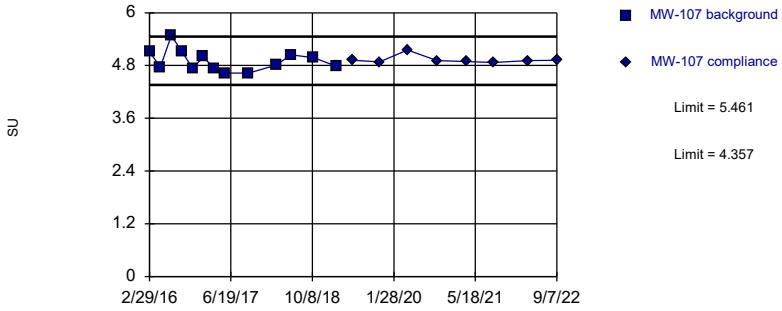
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.909, 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

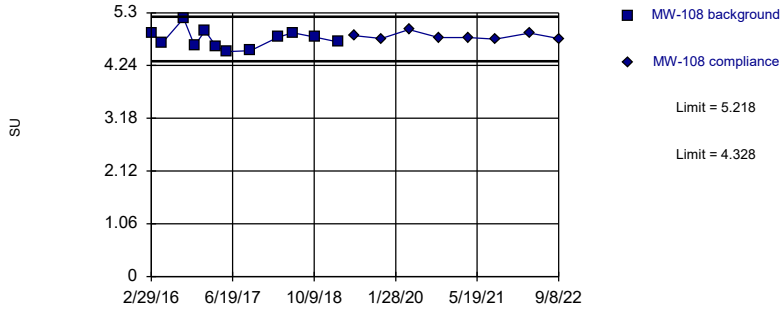
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

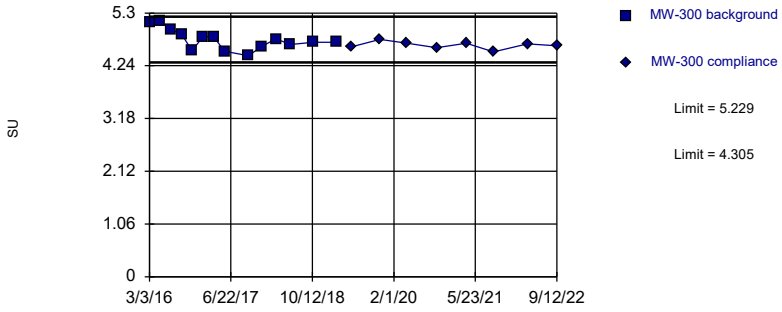
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

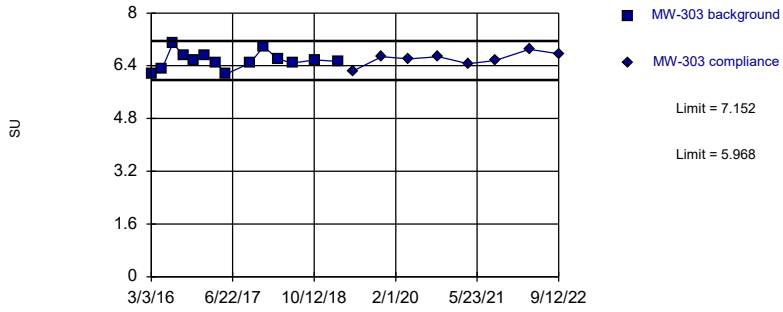
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

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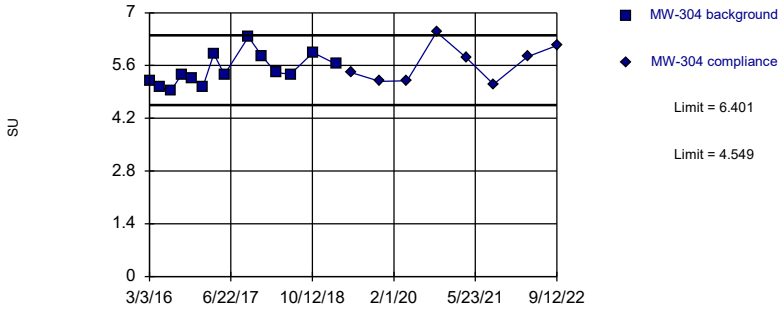
Within Limits

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 1/13/2023 1:50 AM View: 300 Series Intrawell

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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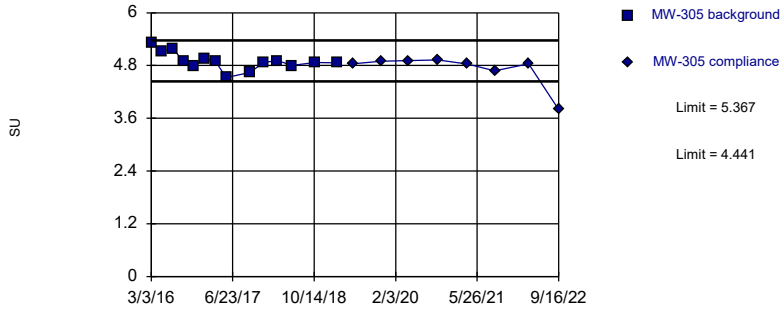
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.904, 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

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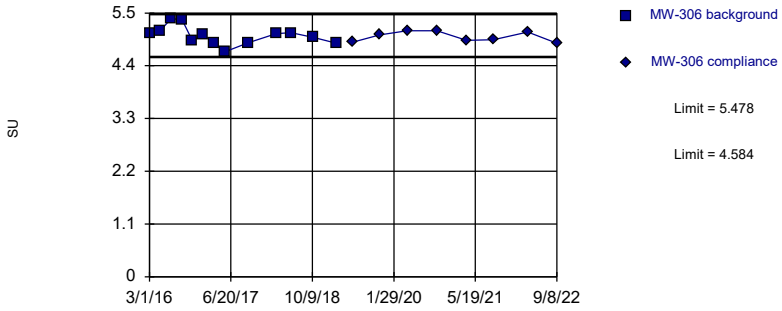
Within Limits

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 = 2.279 (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

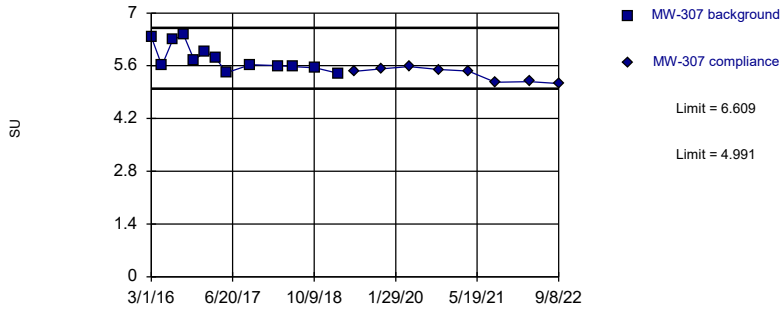
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

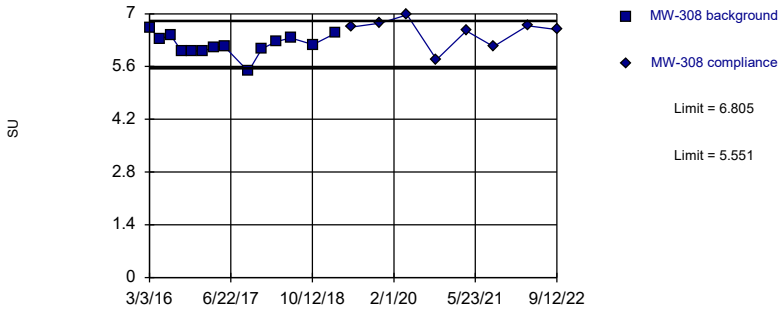
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

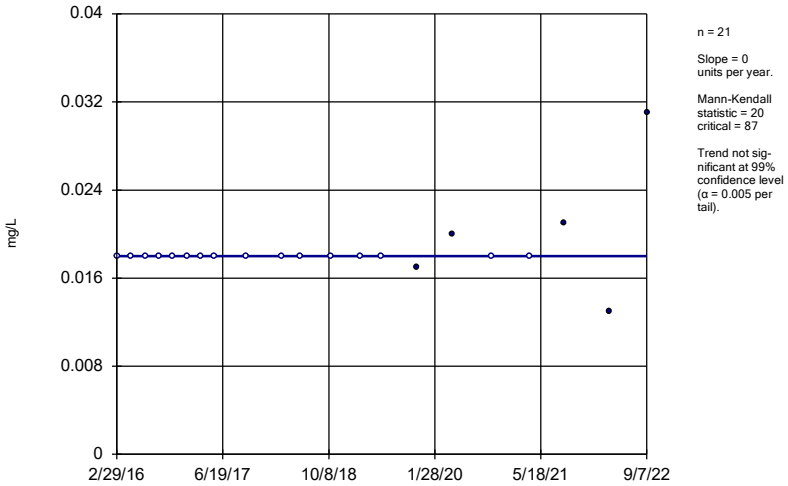
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 12:28 AM

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

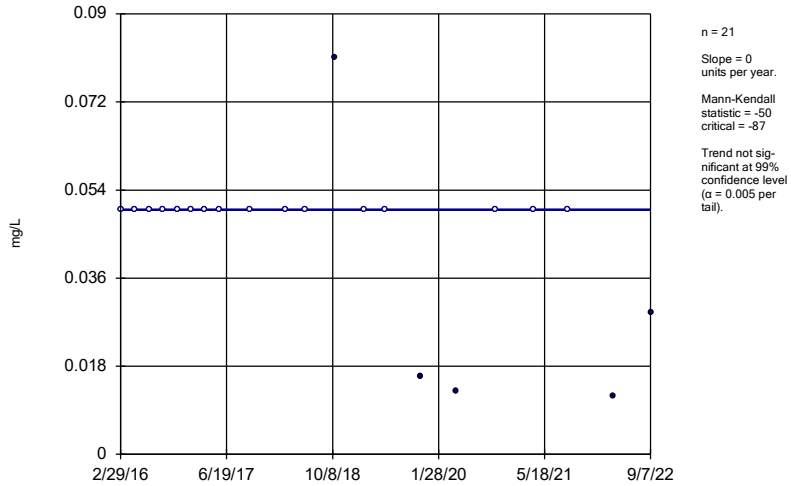
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

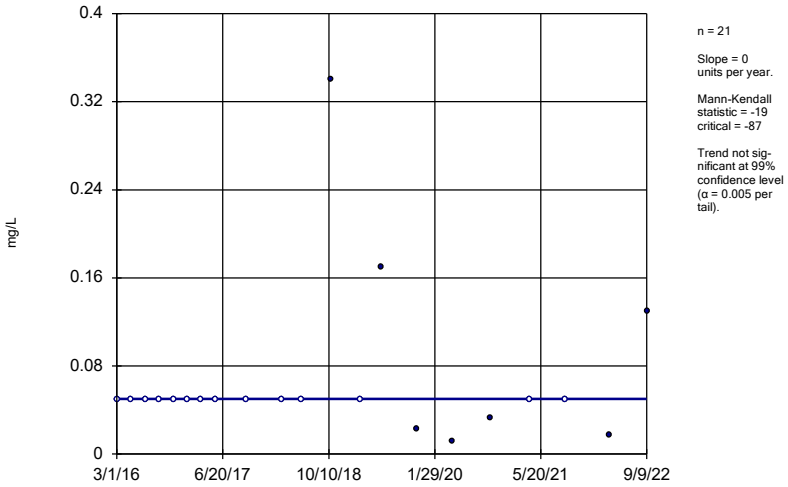
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

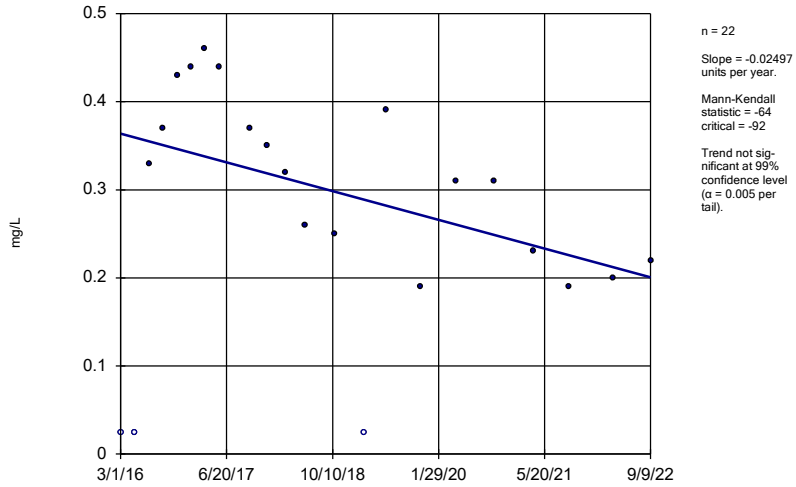
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

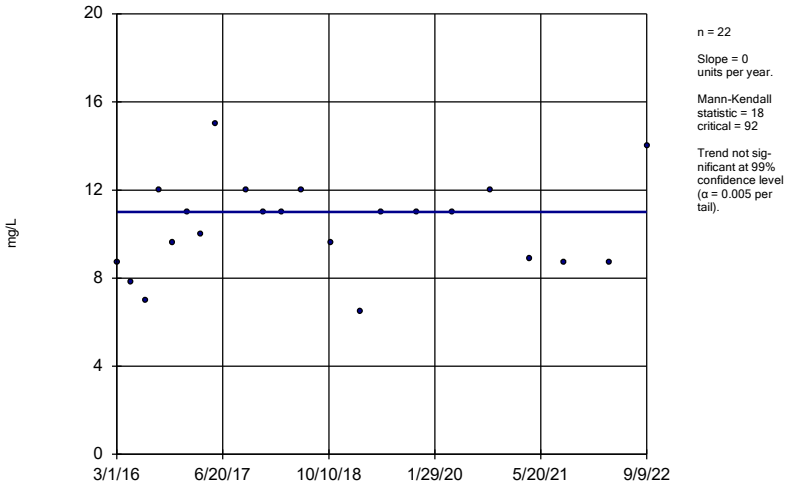
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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

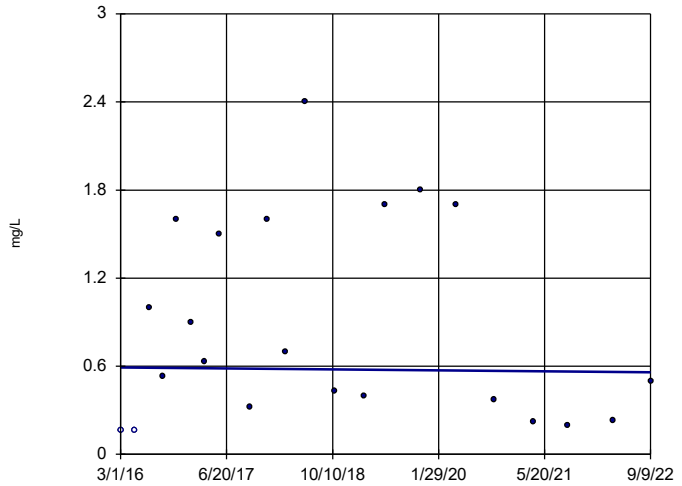
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

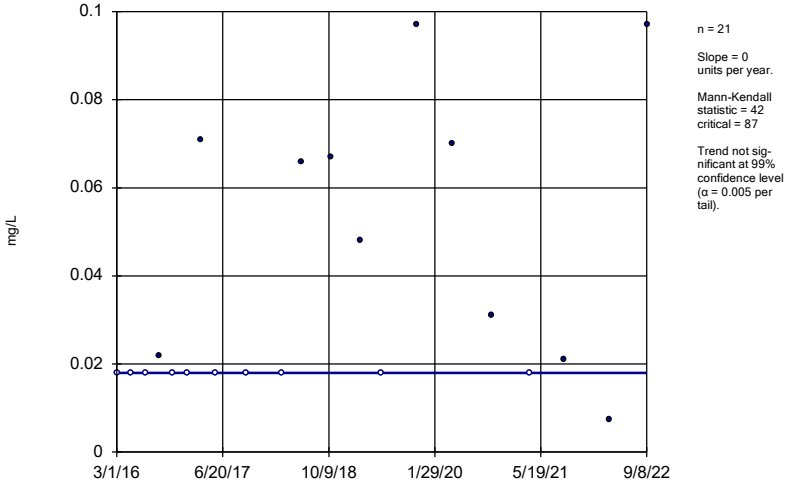
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

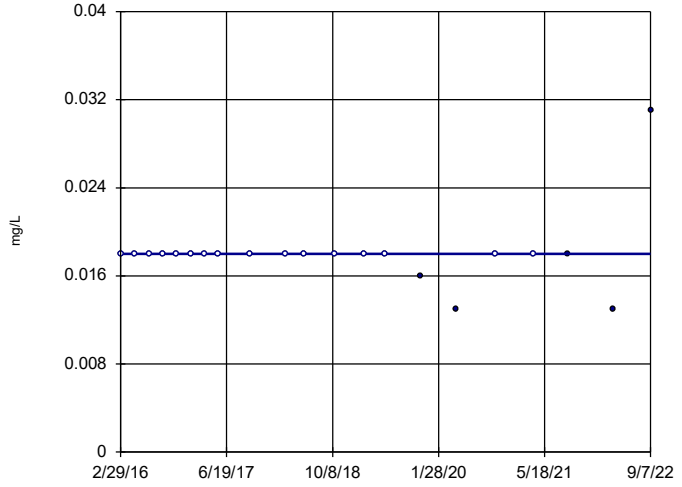
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

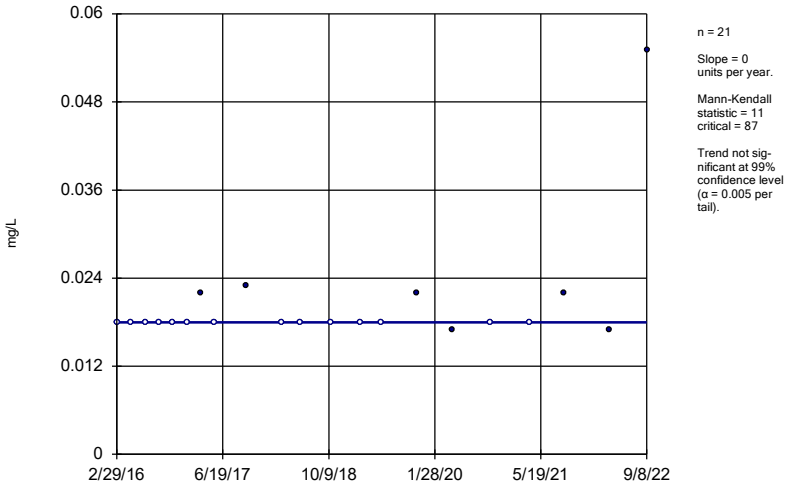
Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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

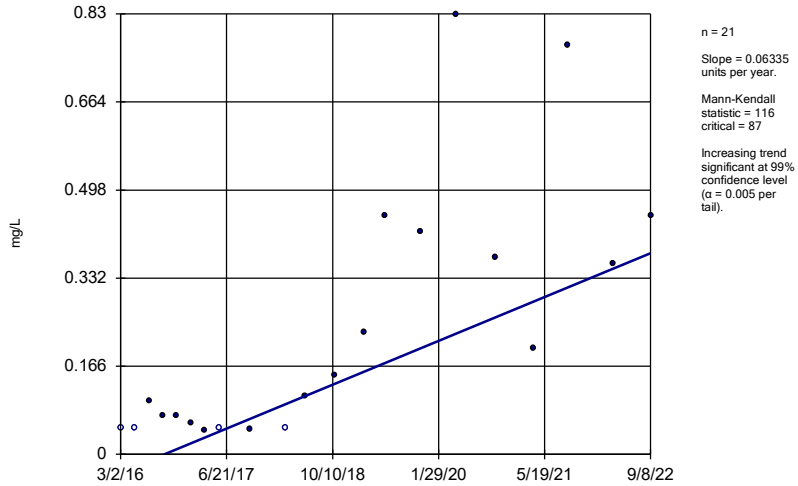
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

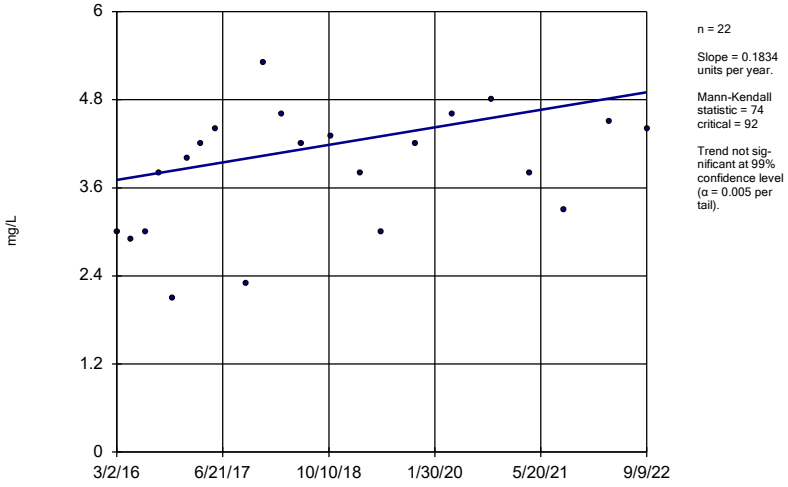
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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

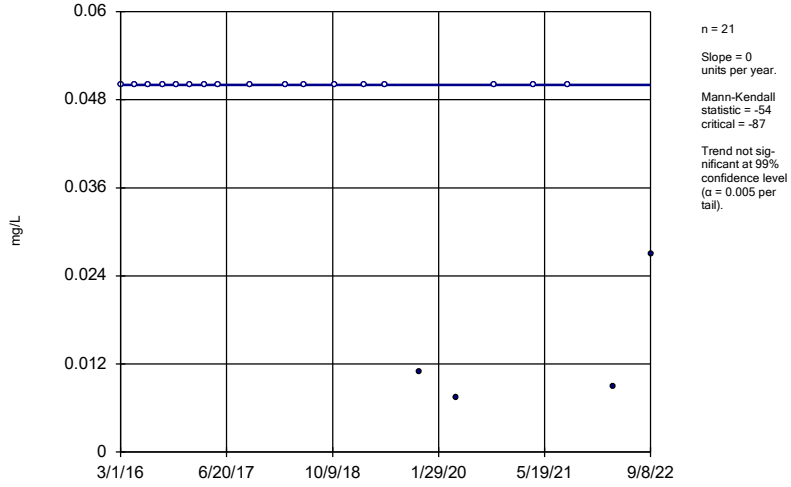
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

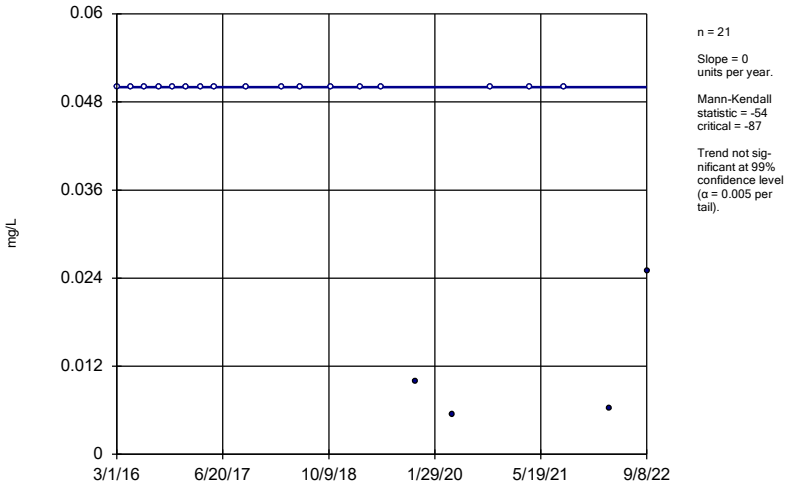
Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

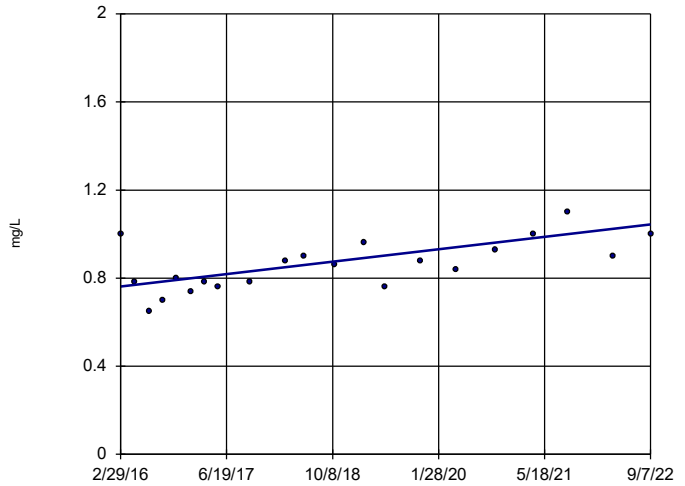
Constituent: Boron Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

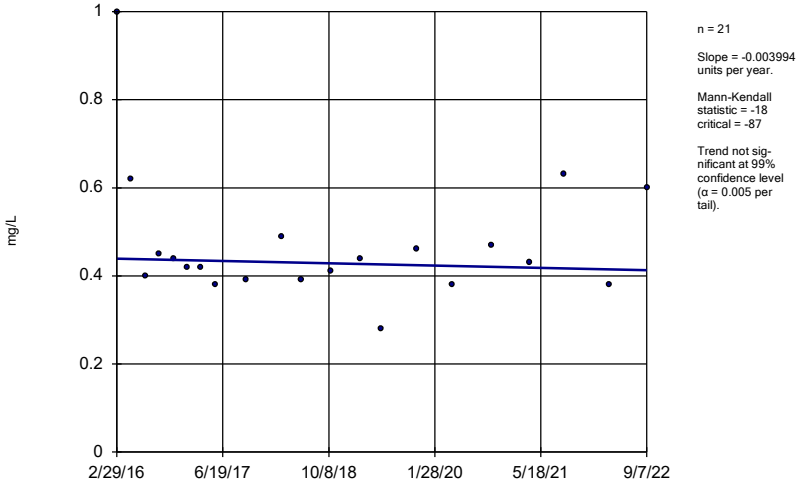
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

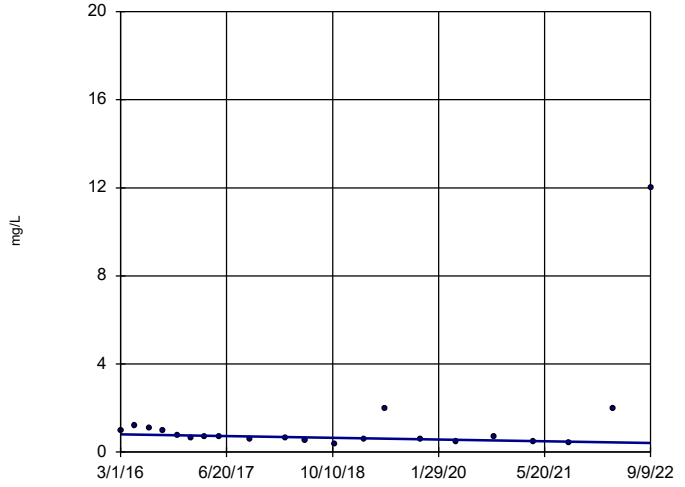
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

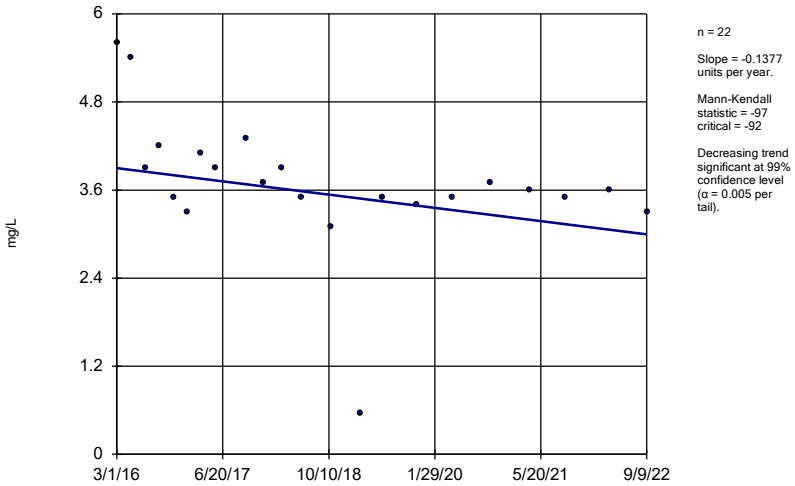
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

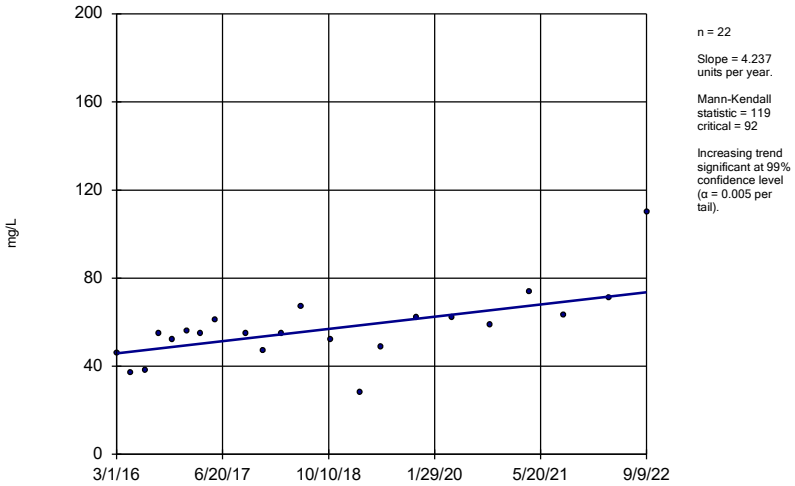
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

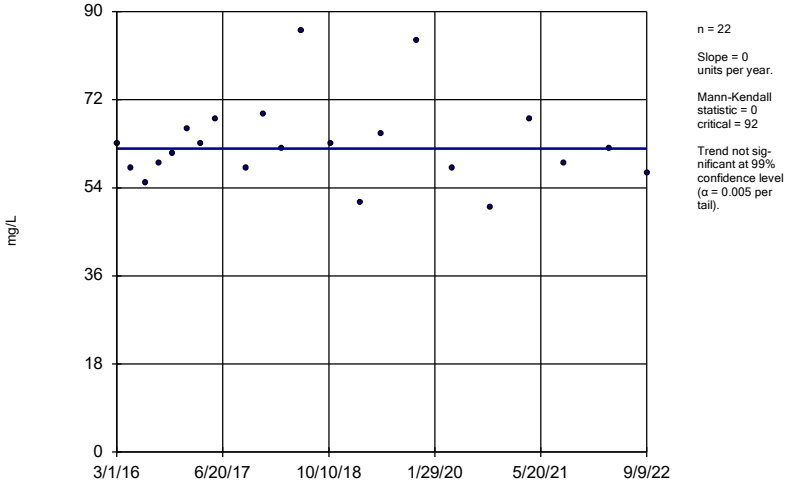
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

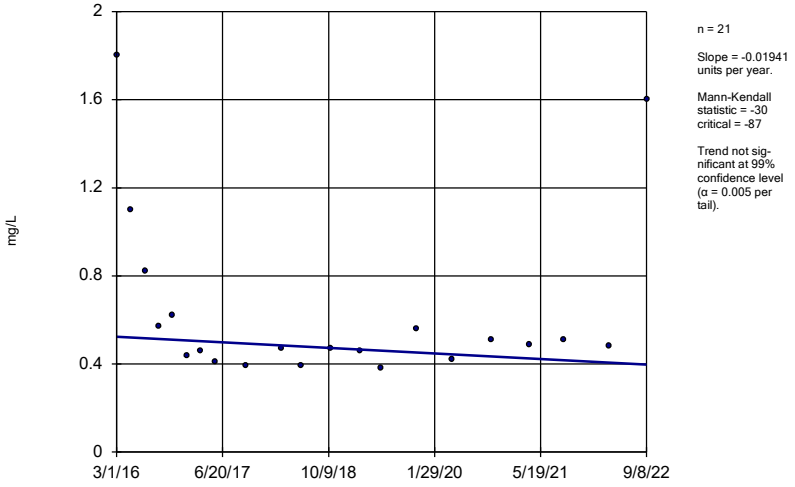
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

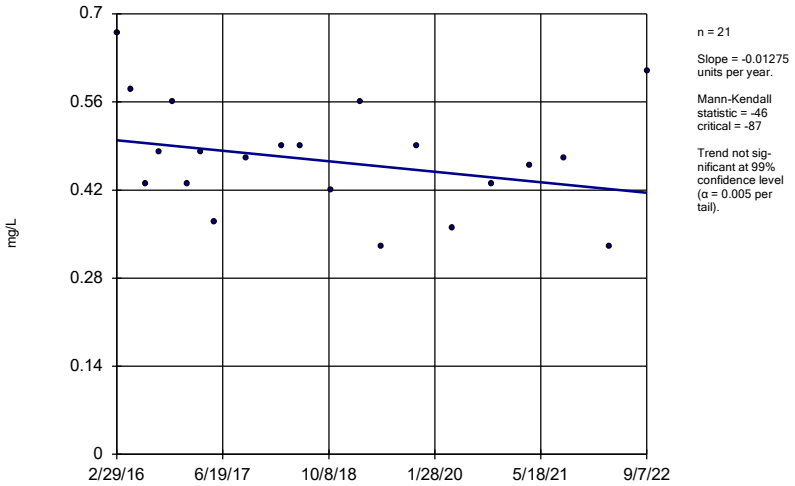
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

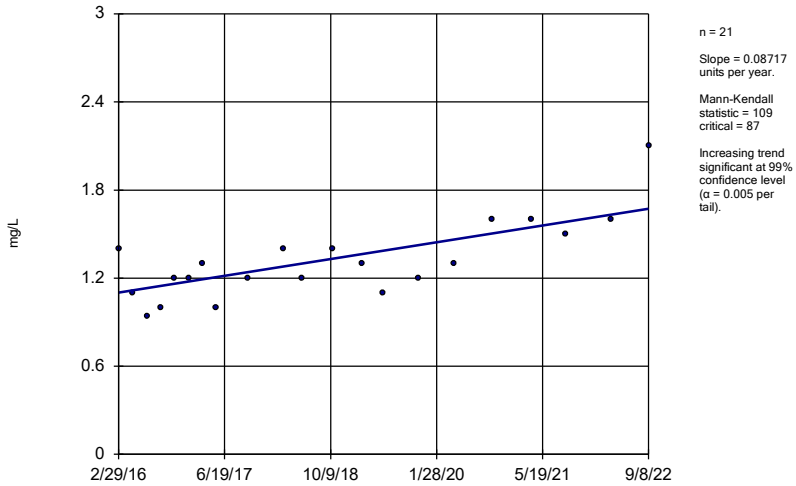
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

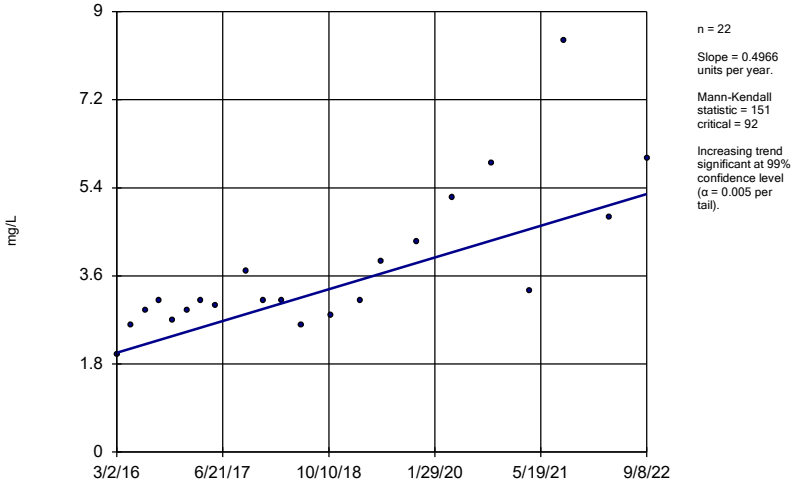
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

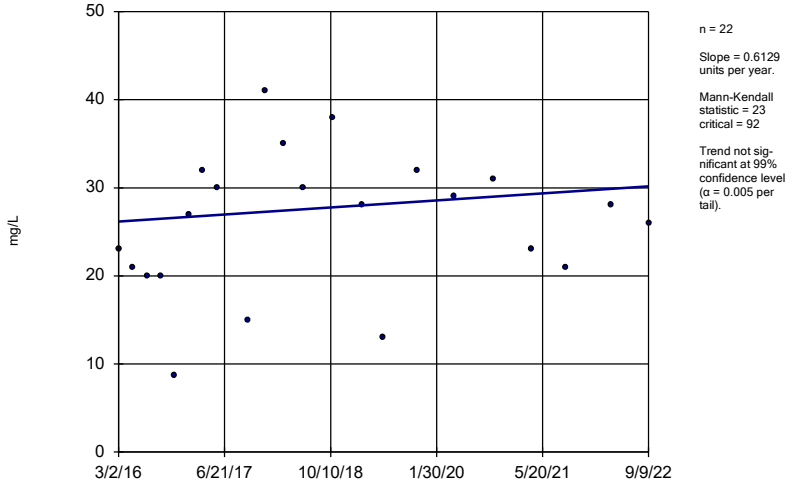
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

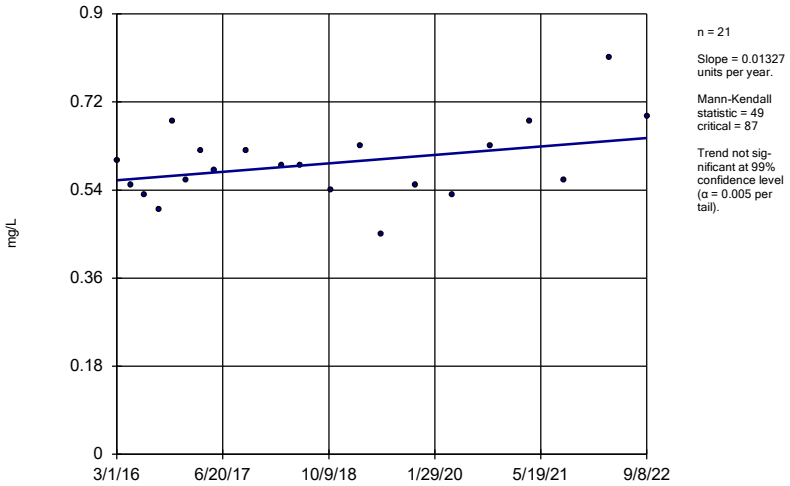
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

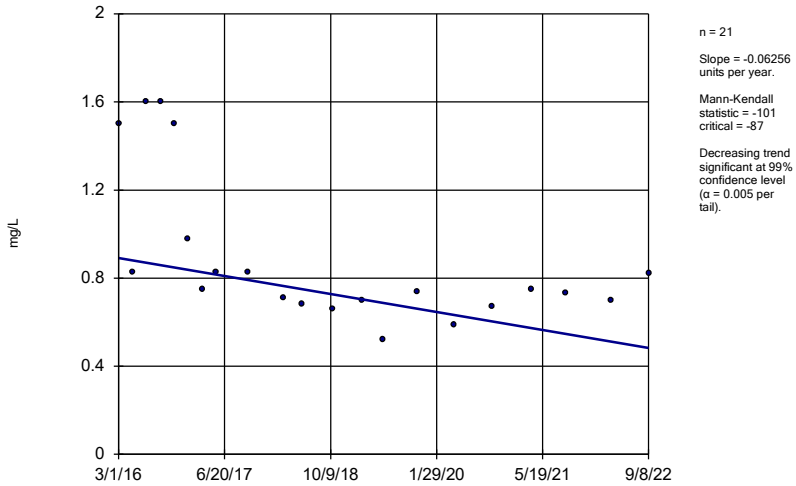
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

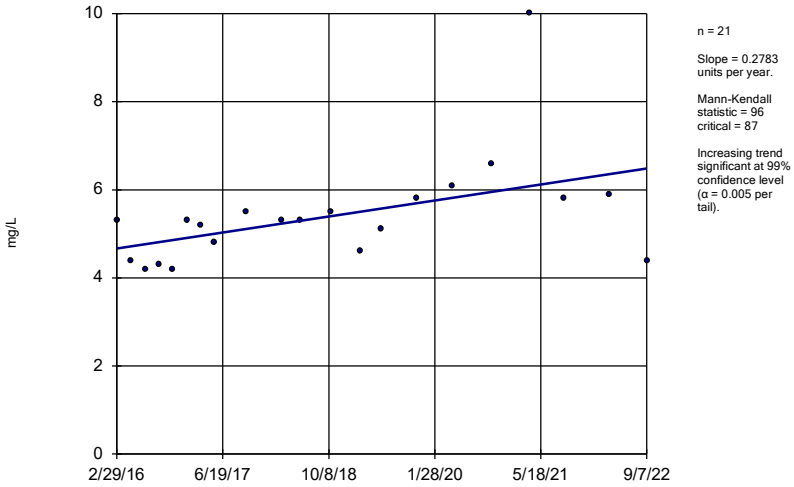
Constituent: Calcium Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

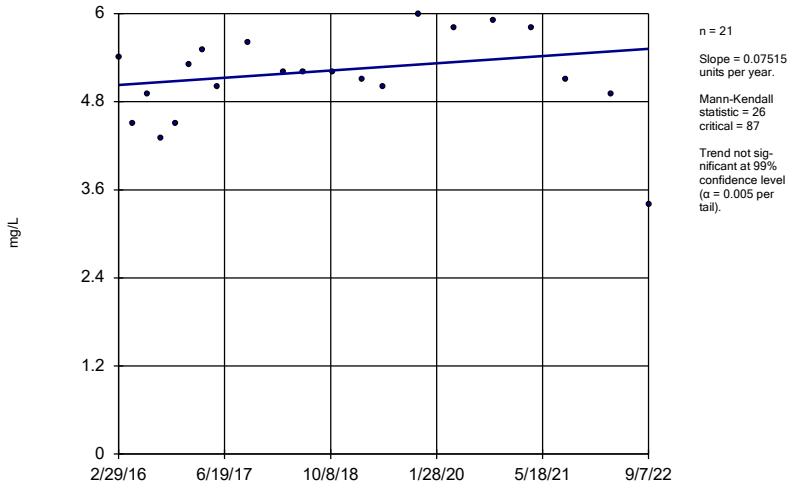
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

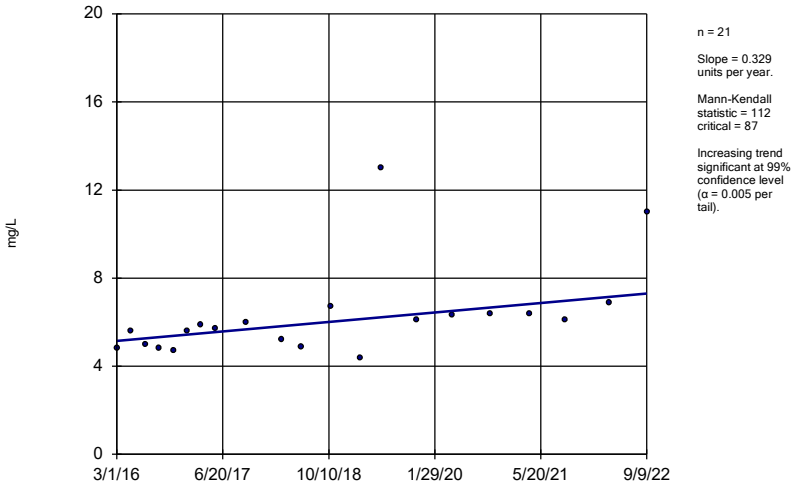
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

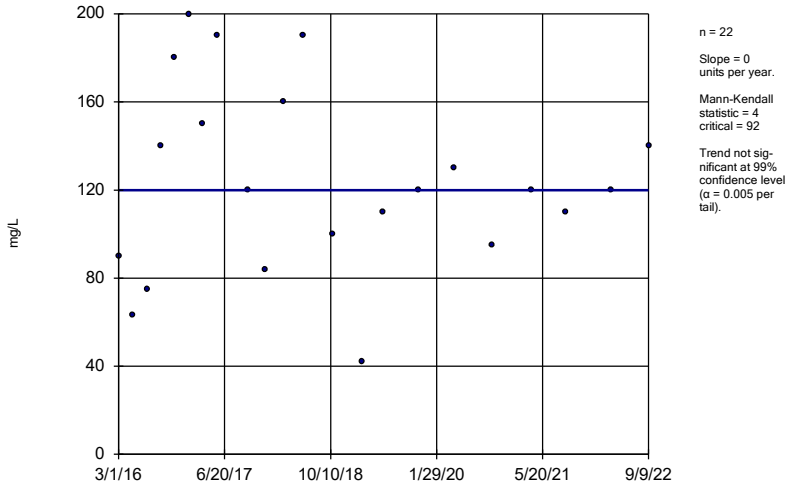
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

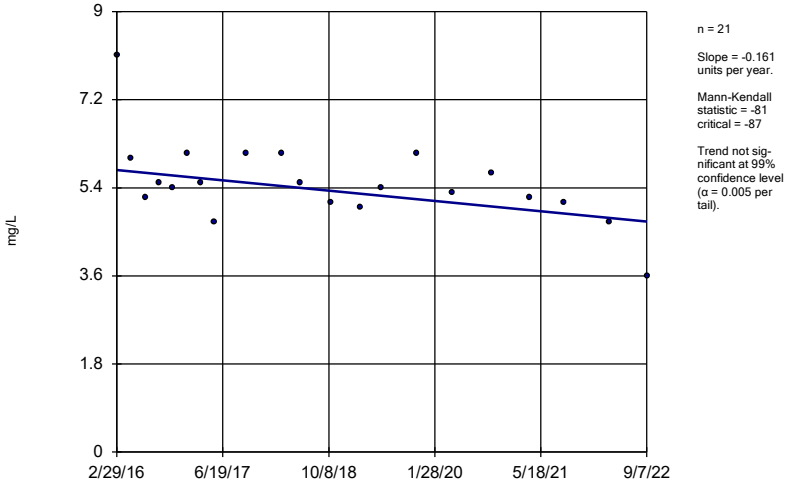
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

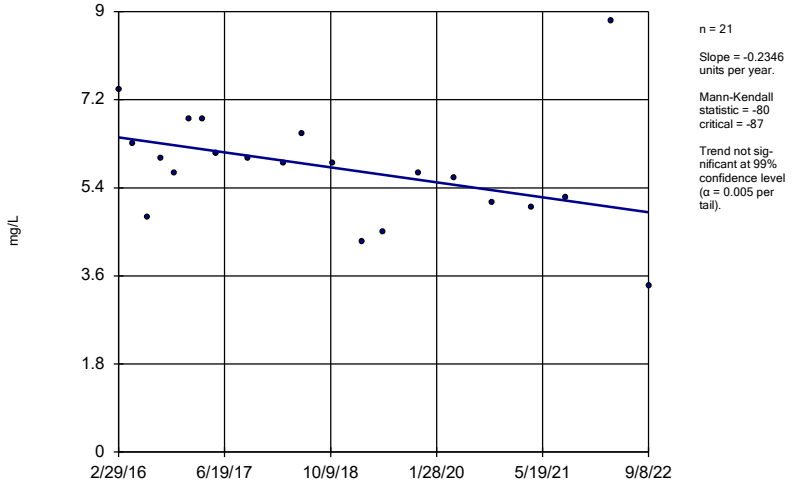
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

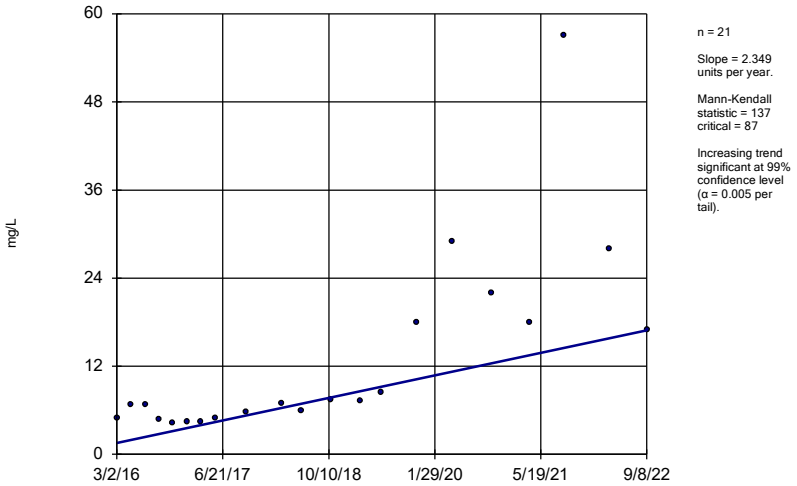
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

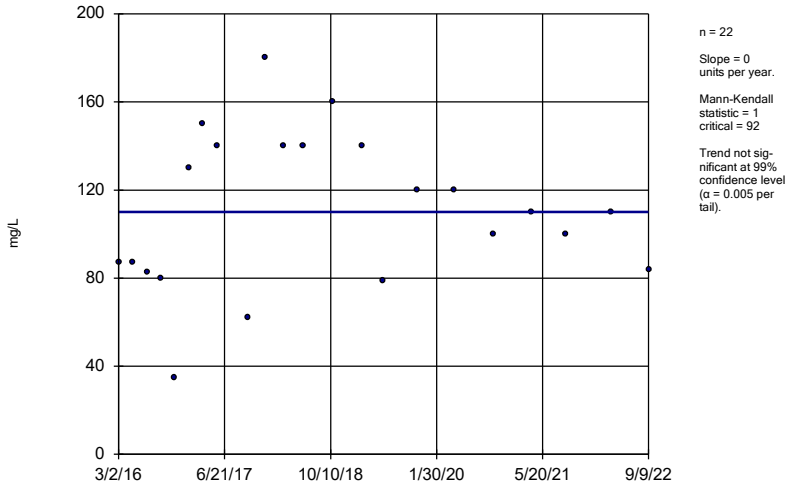
Constituent: Chloride Analysis Run 1/12/2023 10:54 PM View: 100 Series Trend Tests

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).

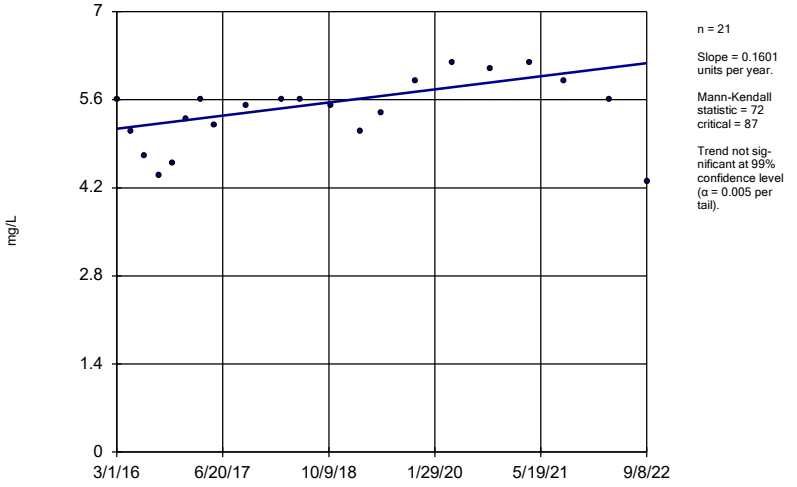
Constituent: Chloride Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

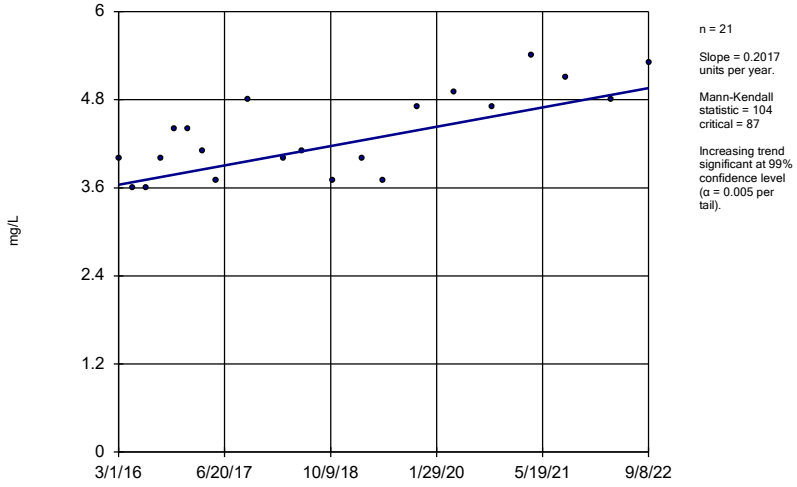
Constituent: Chloride Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

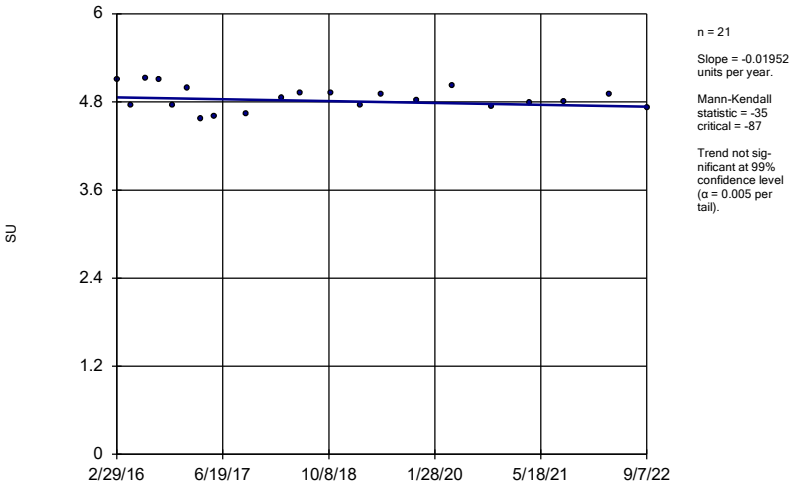
Constituent: Chloride Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

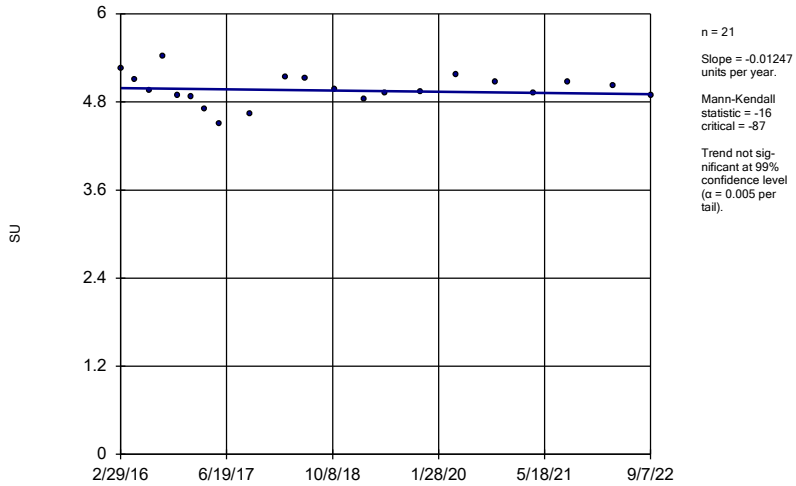
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

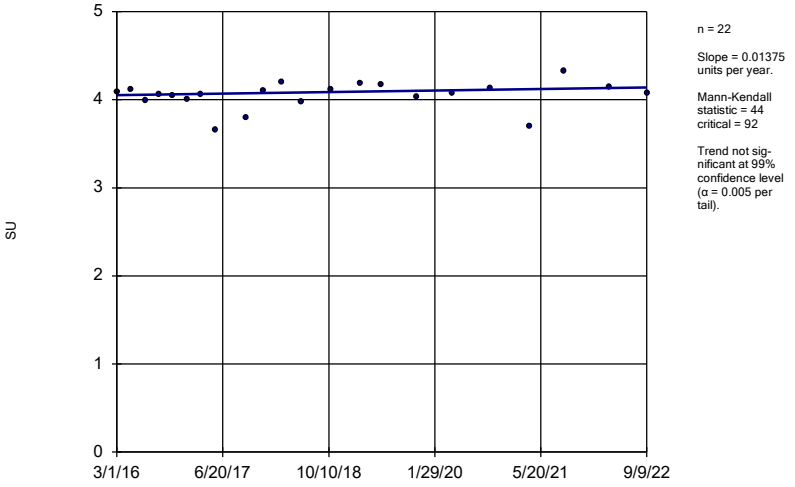
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

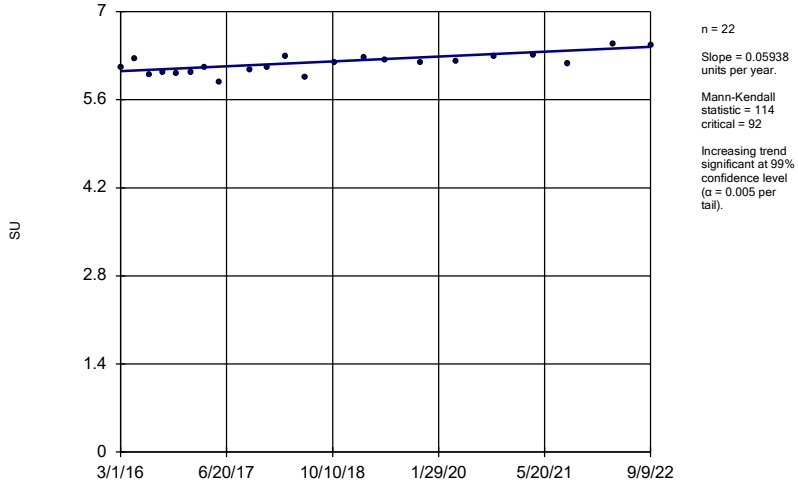
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

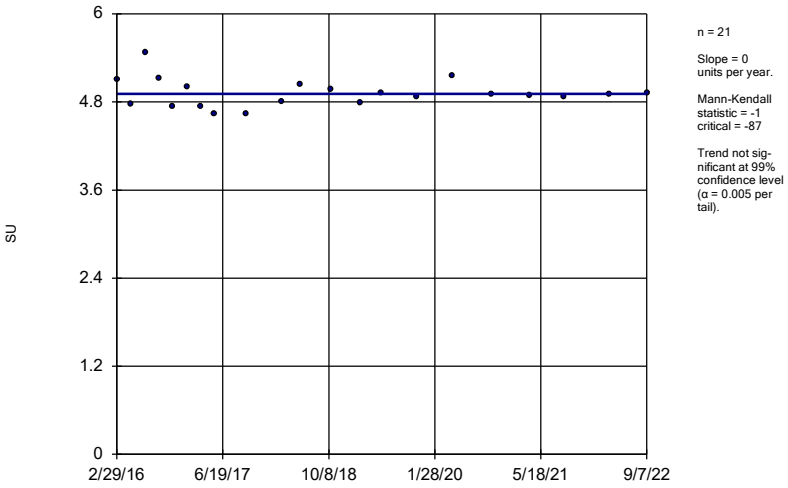
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

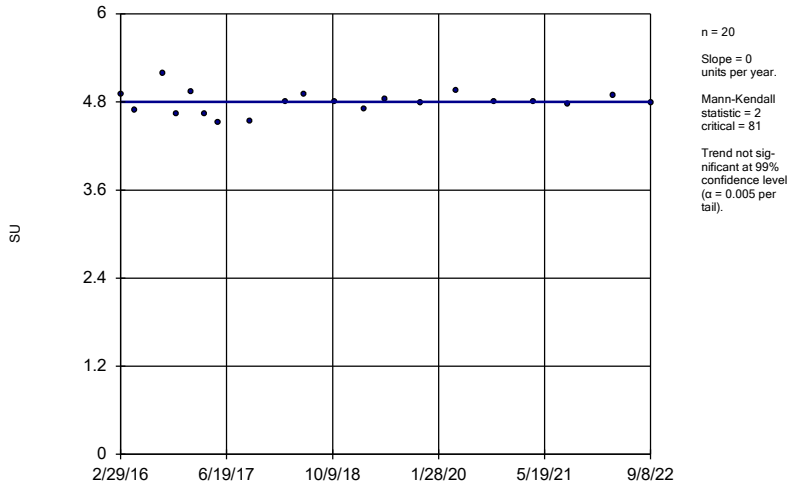
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

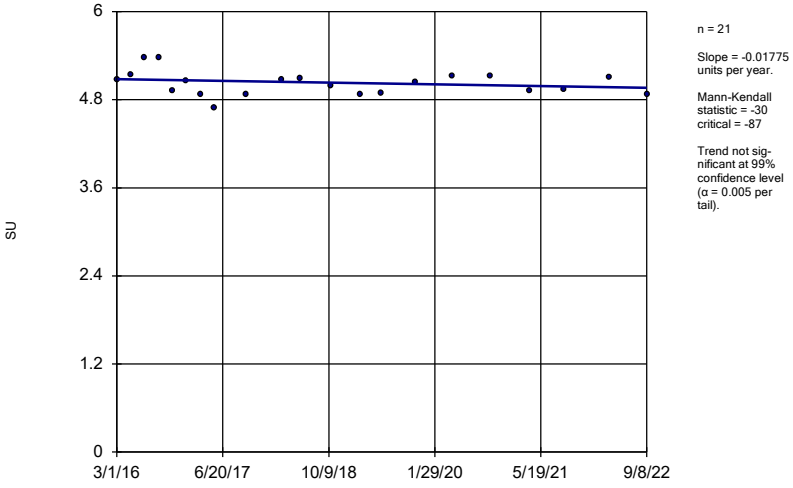
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

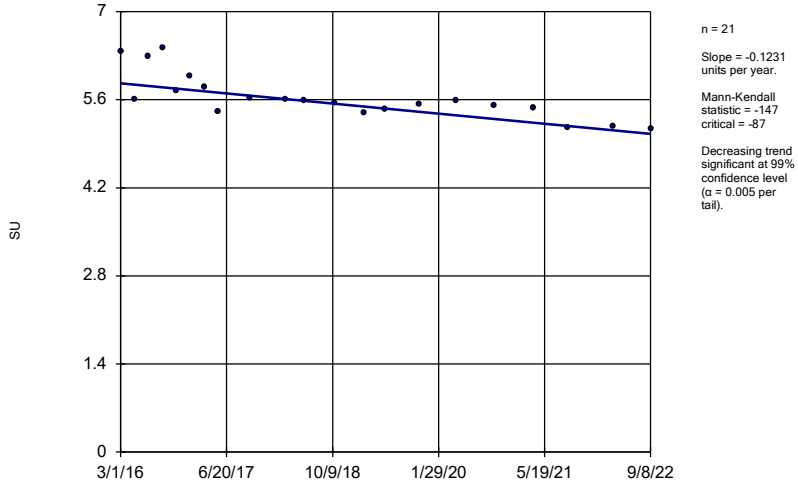
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

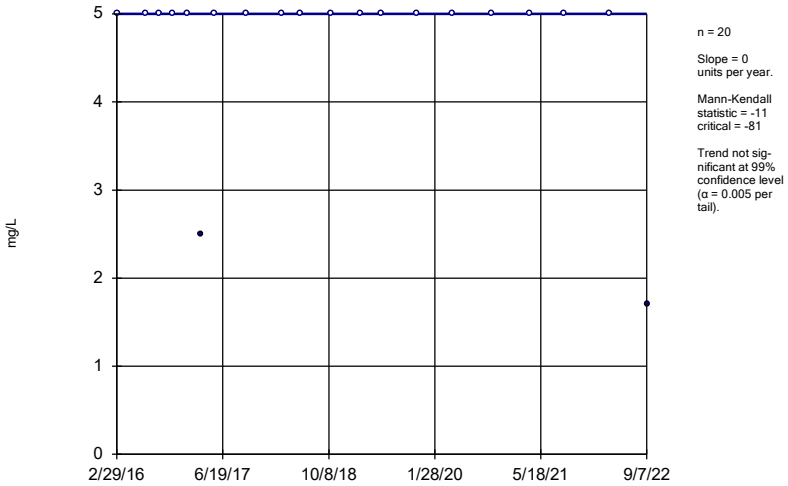
Constituent: Field pH Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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

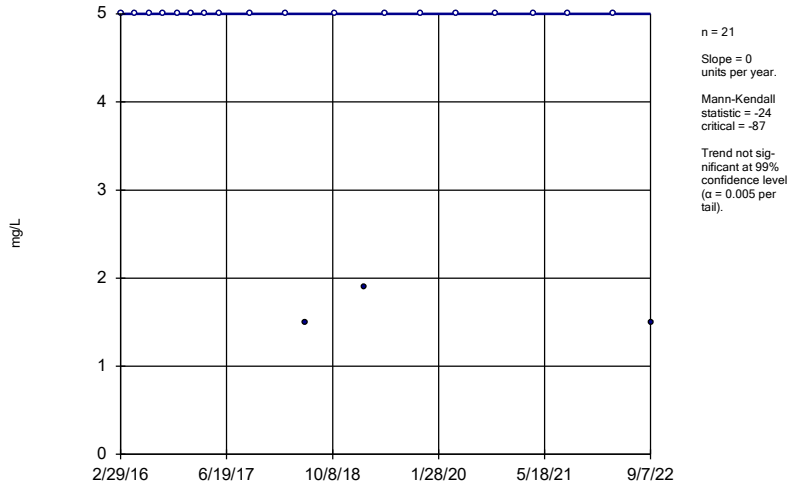
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

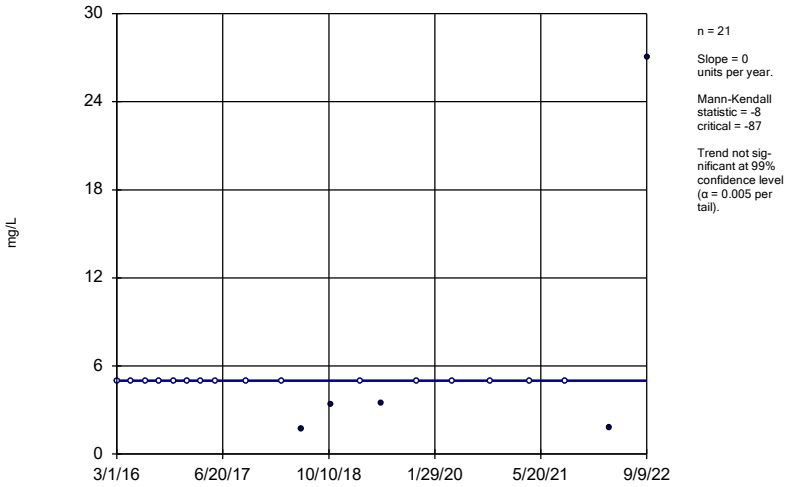
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

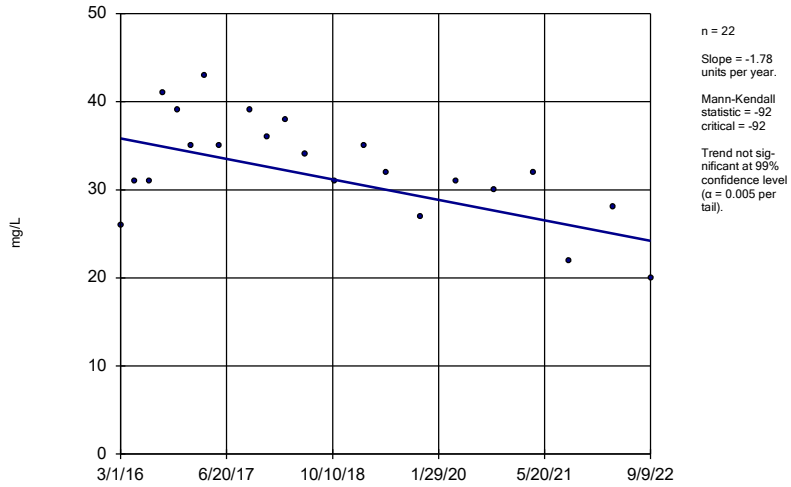
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

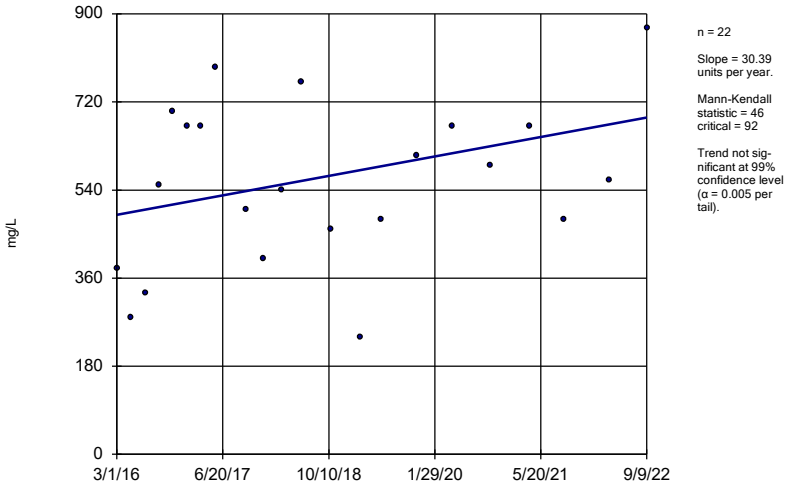
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

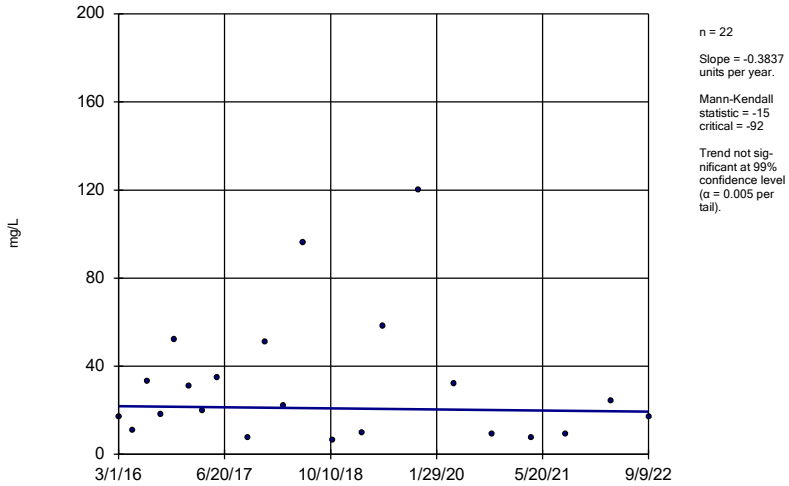
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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

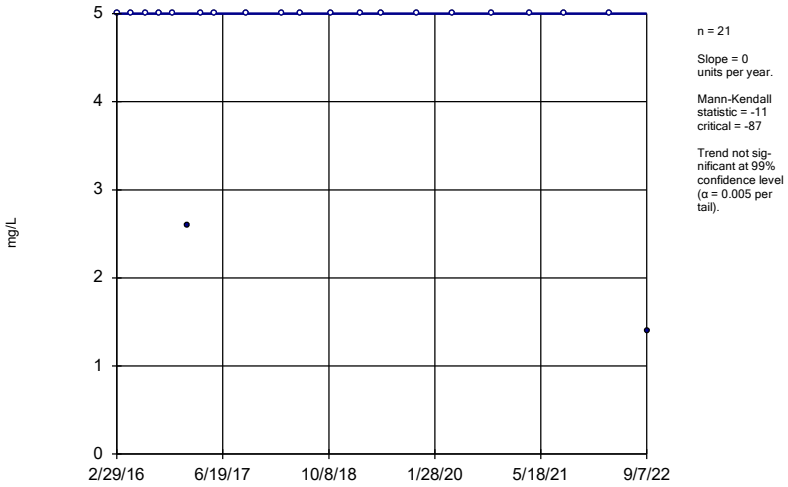
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

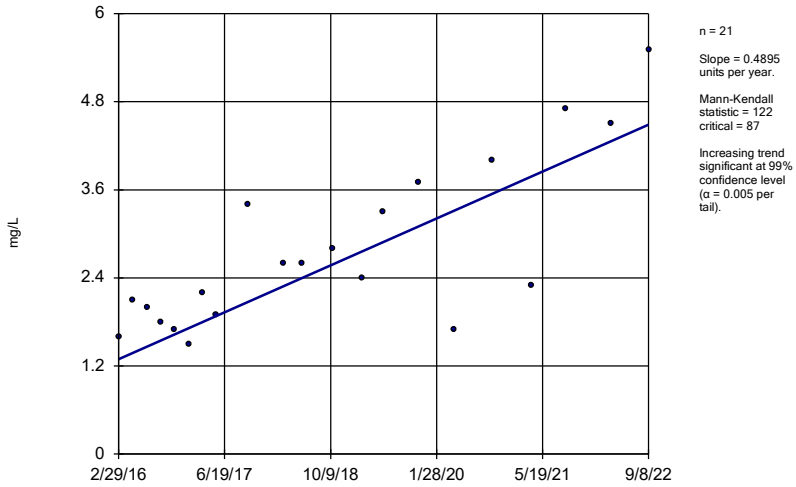
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

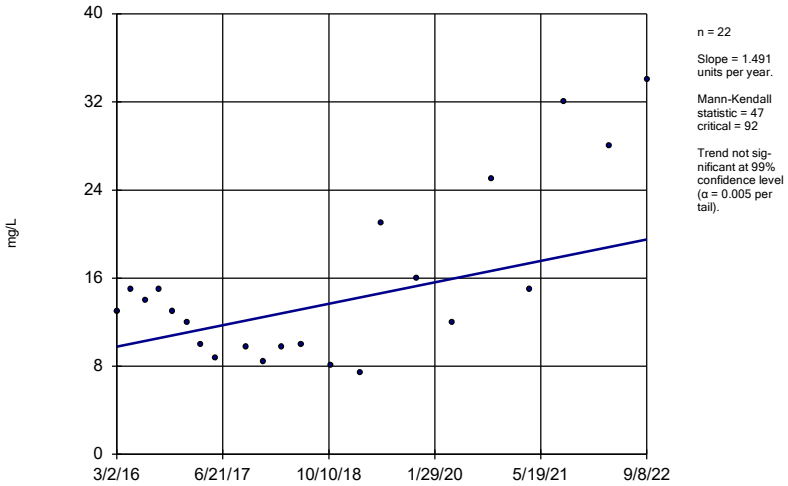
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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).

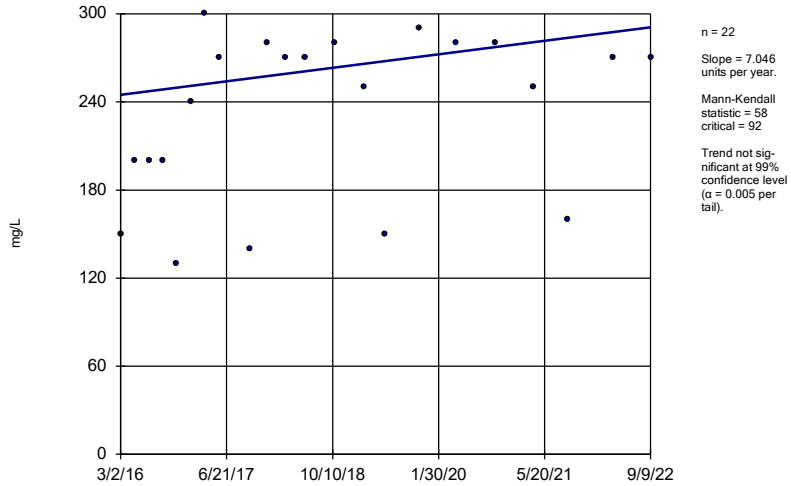
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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

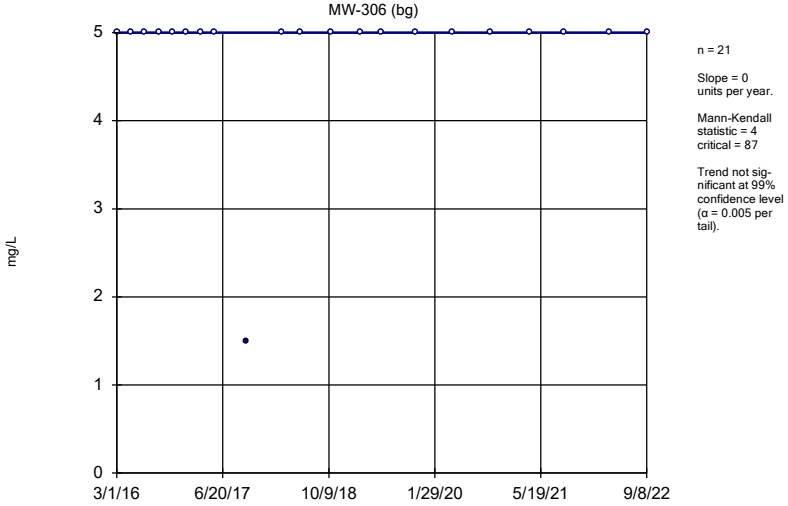
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

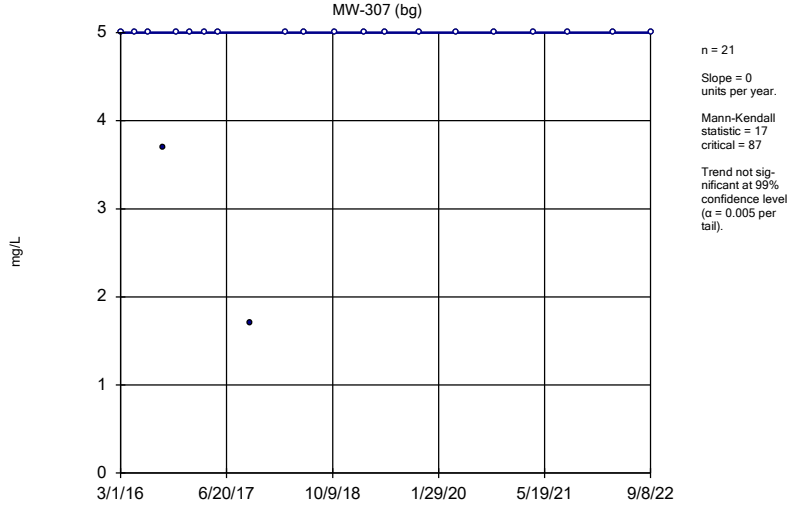
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

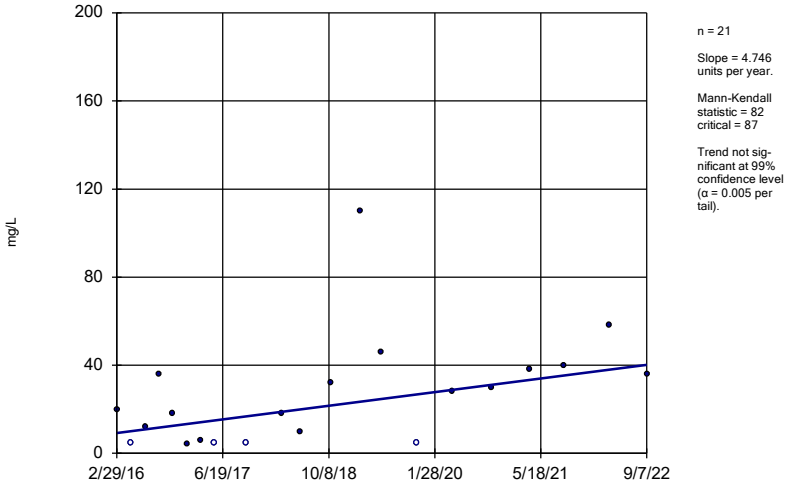
Constituent: Sulfate Analysis Run 1/12/2023 10:55 PM View: 100 Series Trend Tests

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

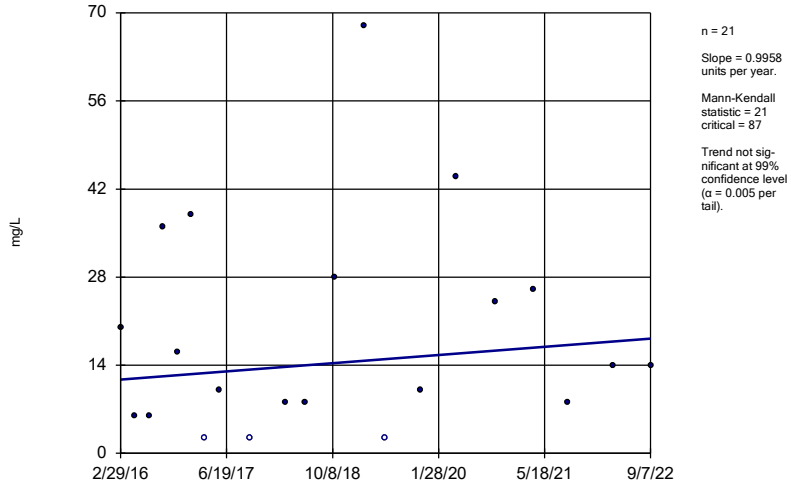
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

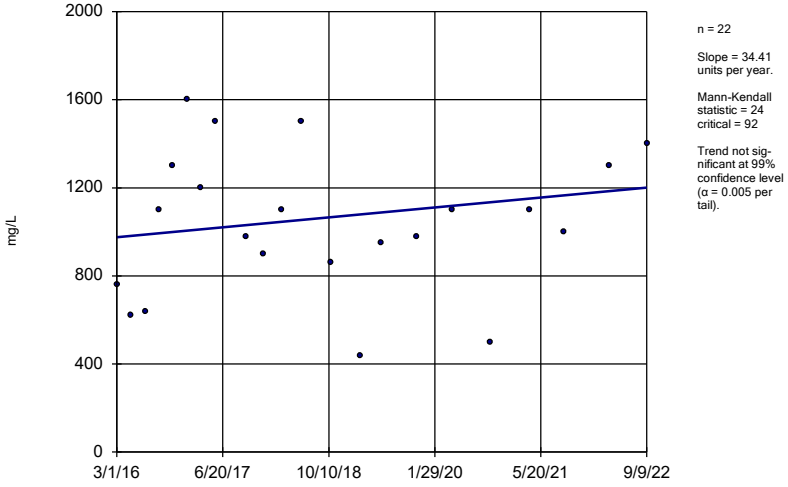
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

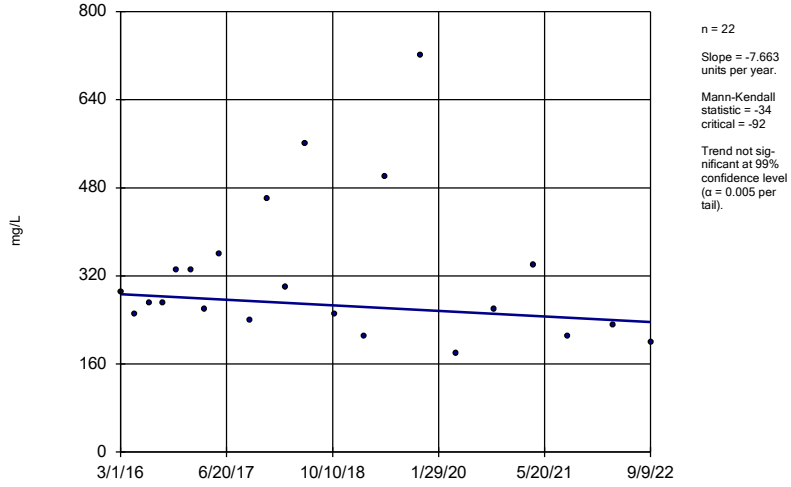
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

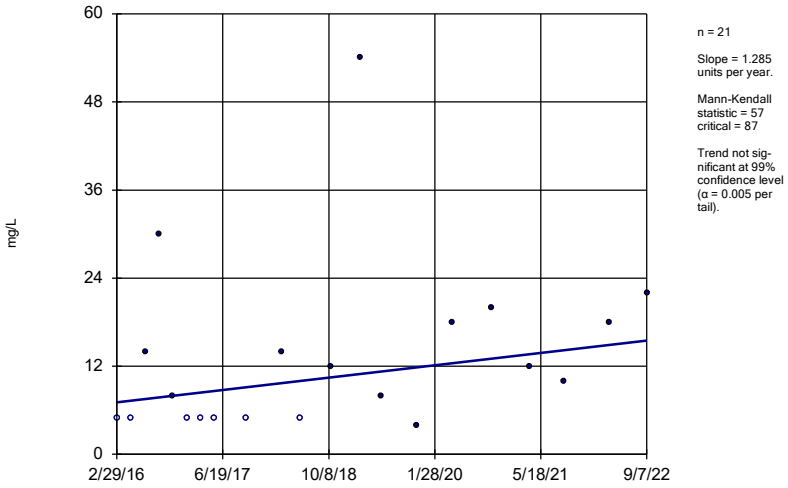
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

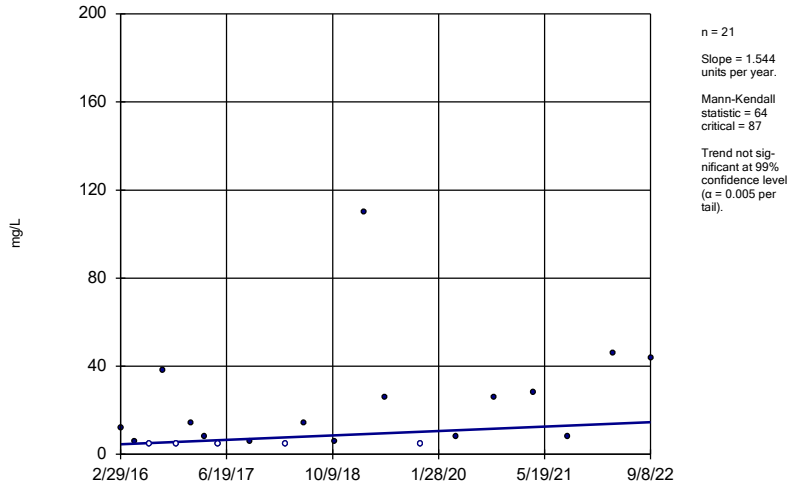
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

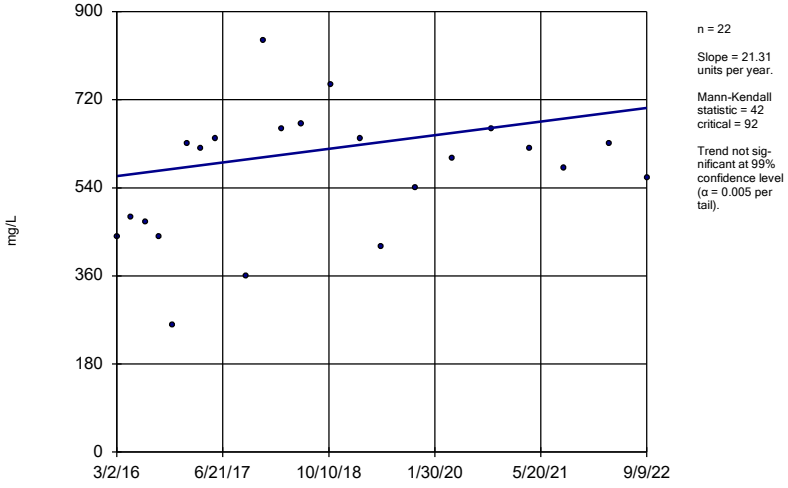
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

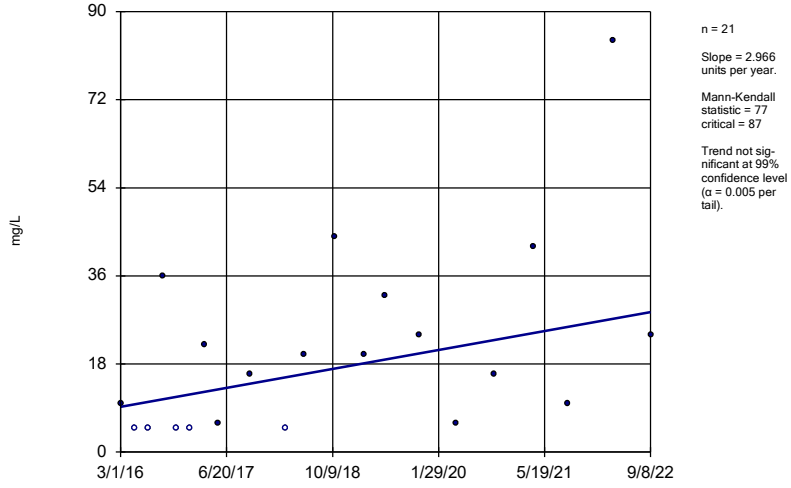
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

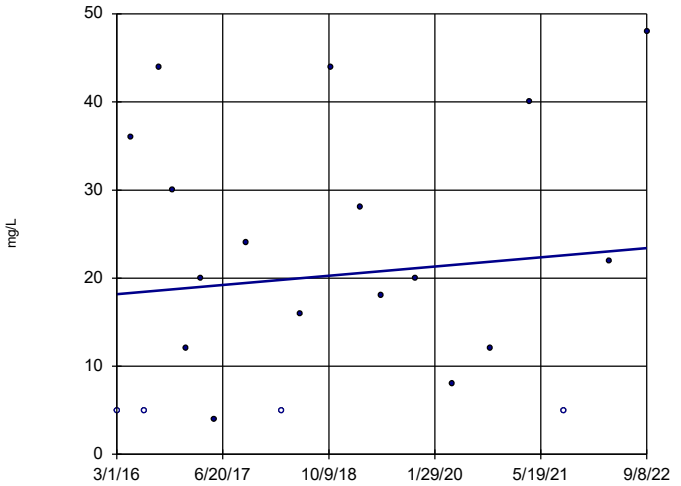
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

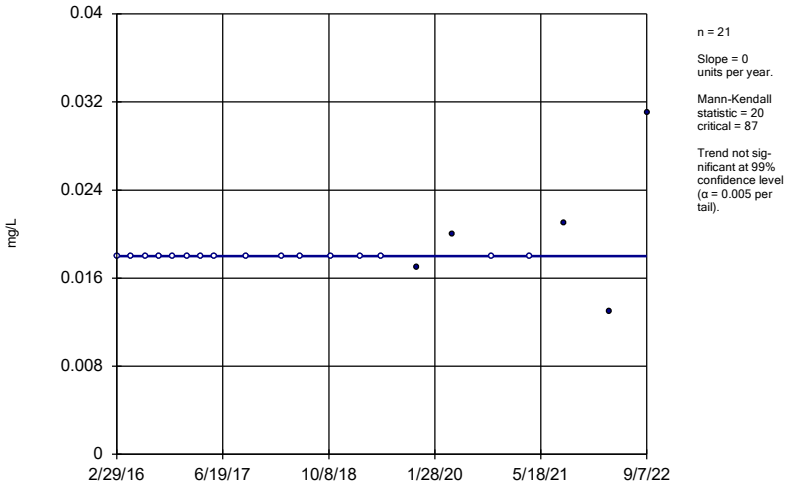
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 AM

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).

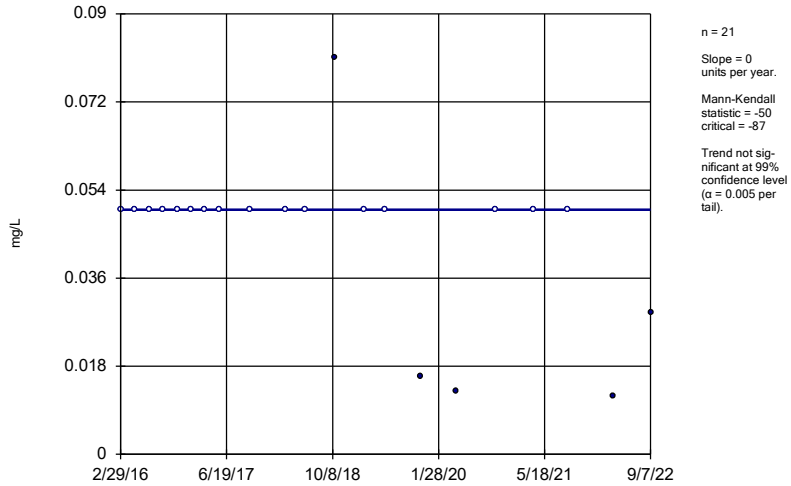
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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

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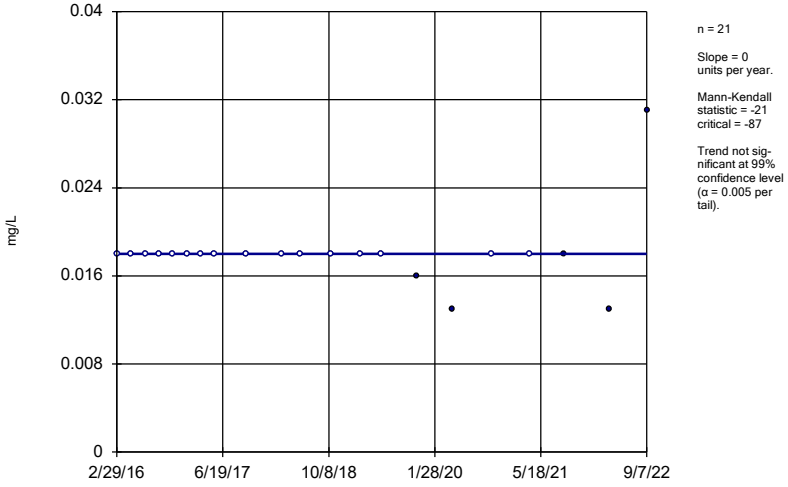
Hollow symbols indicate censored values.

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).

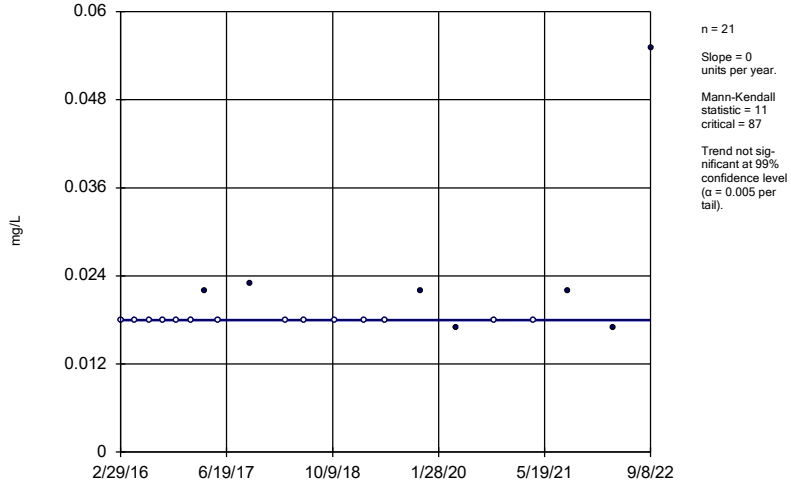
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

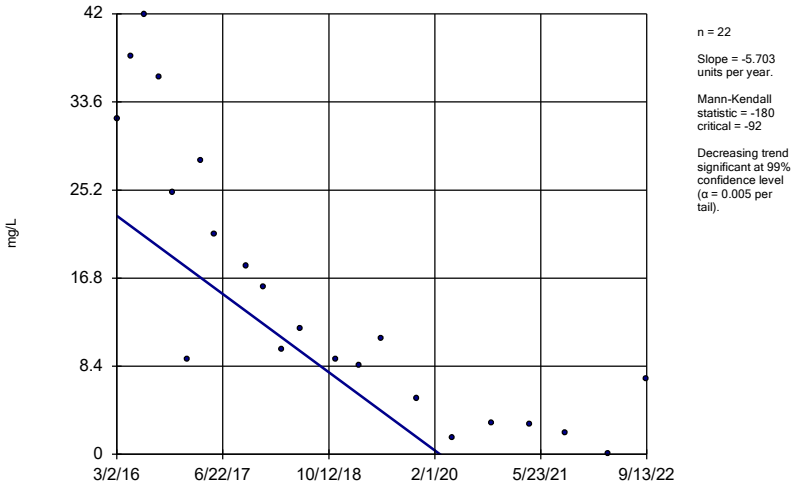
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

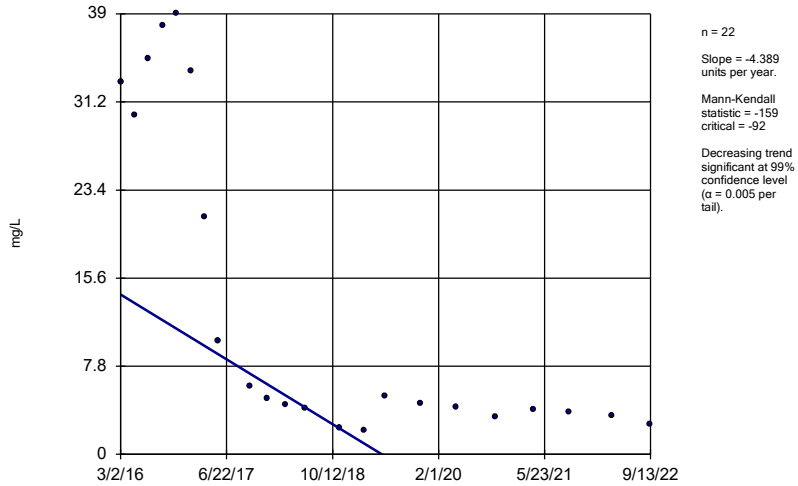
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

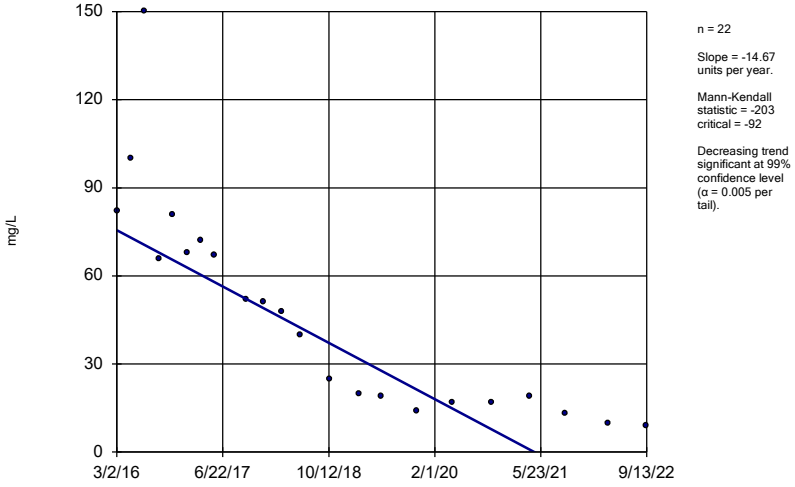
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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

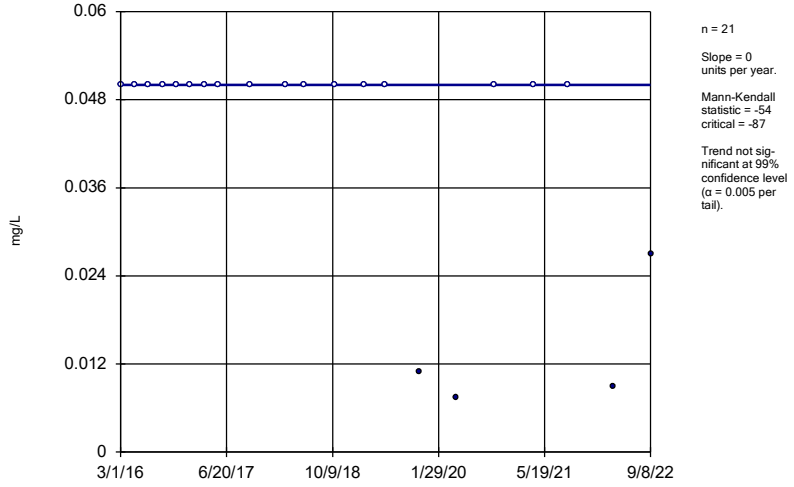
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

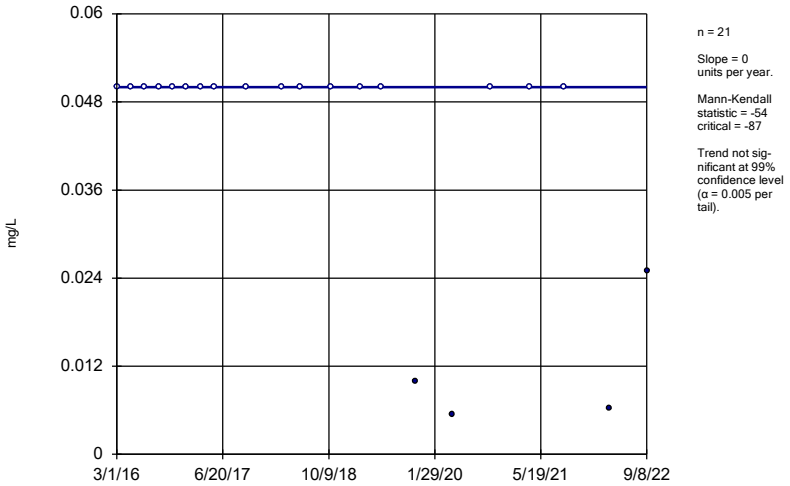
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

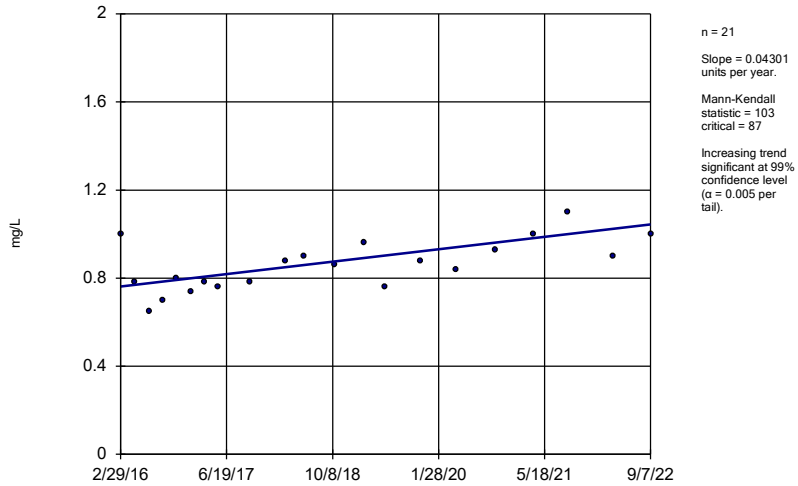
Constituent: Boron Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

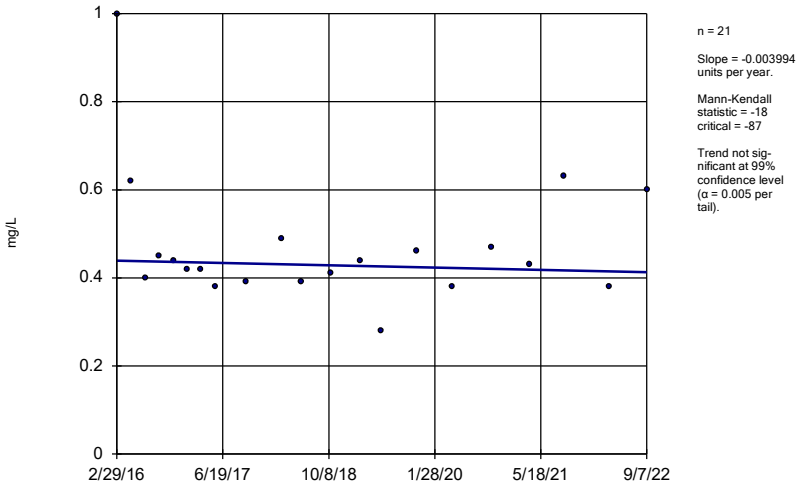
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

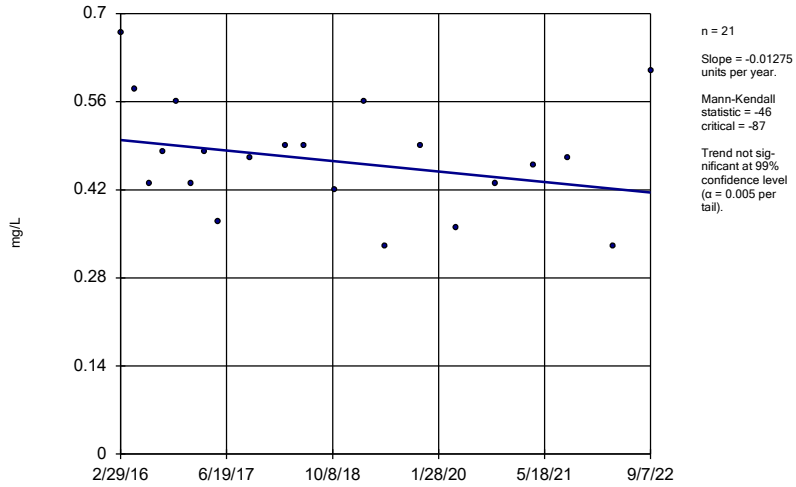
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

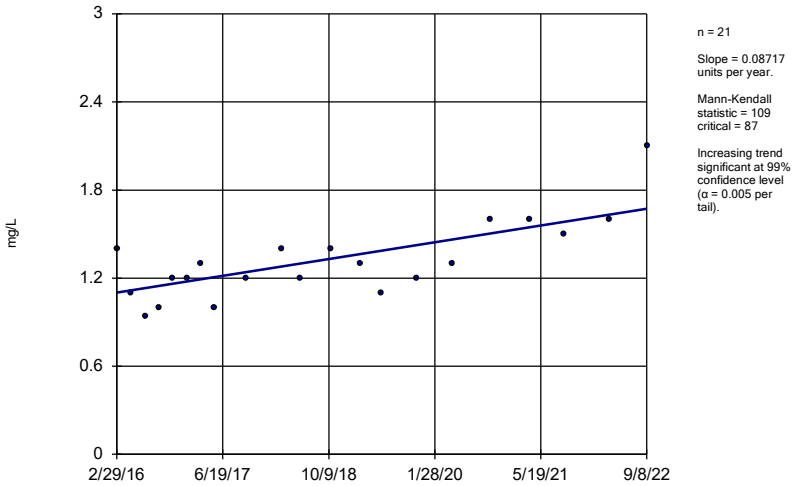
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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

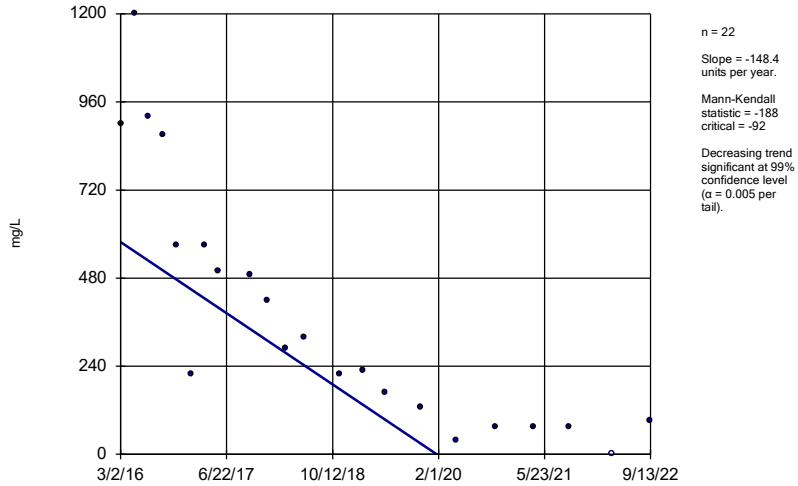
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

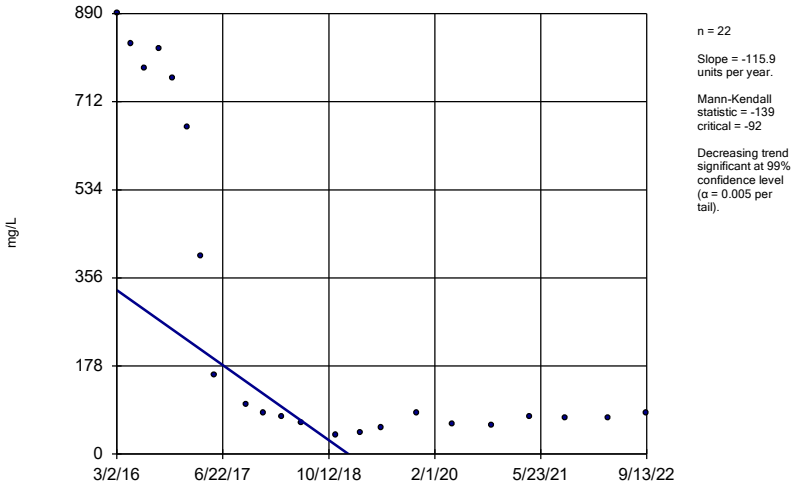
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

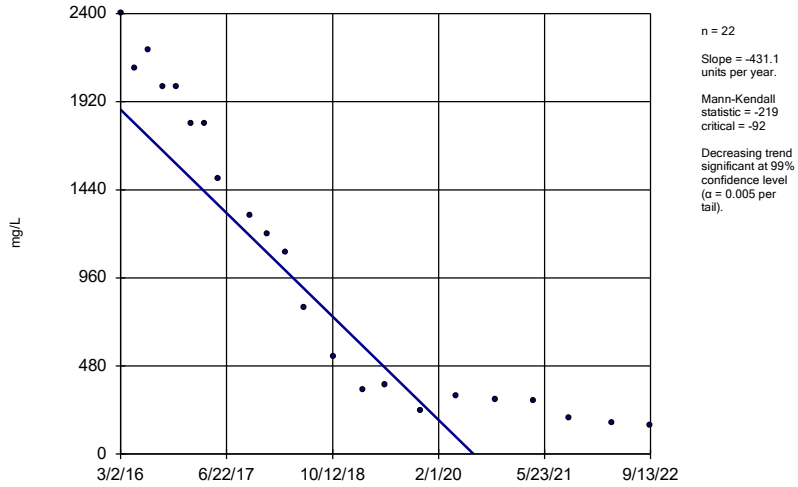
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

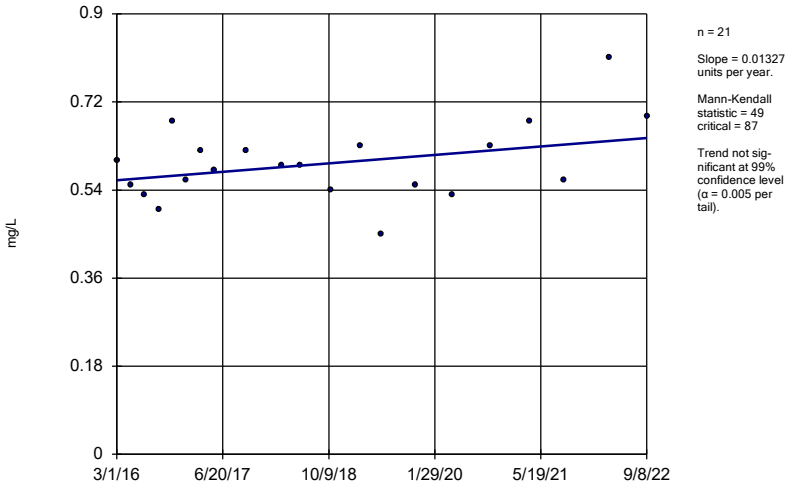
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

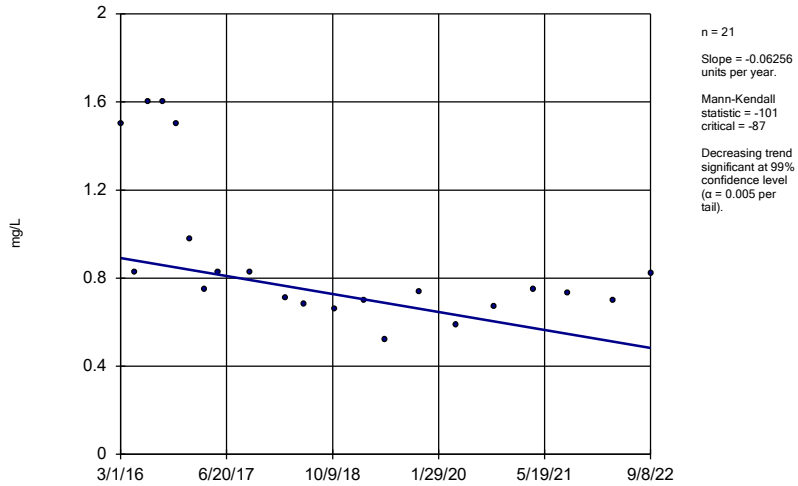
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

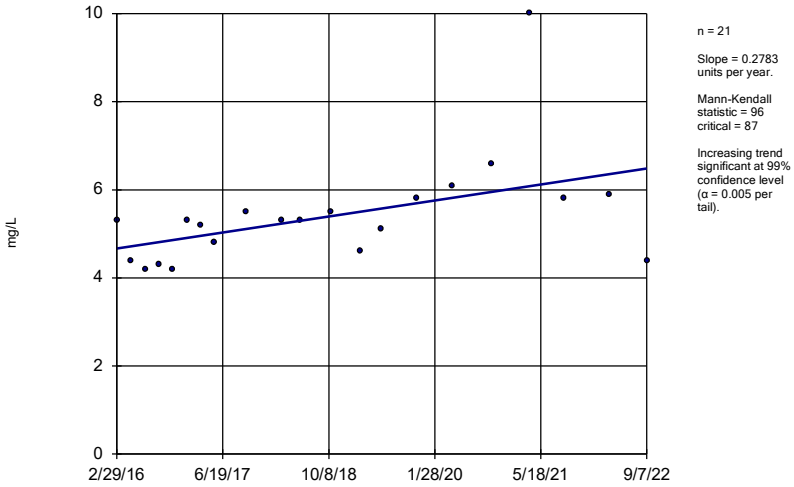
Constituent: Calcium Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

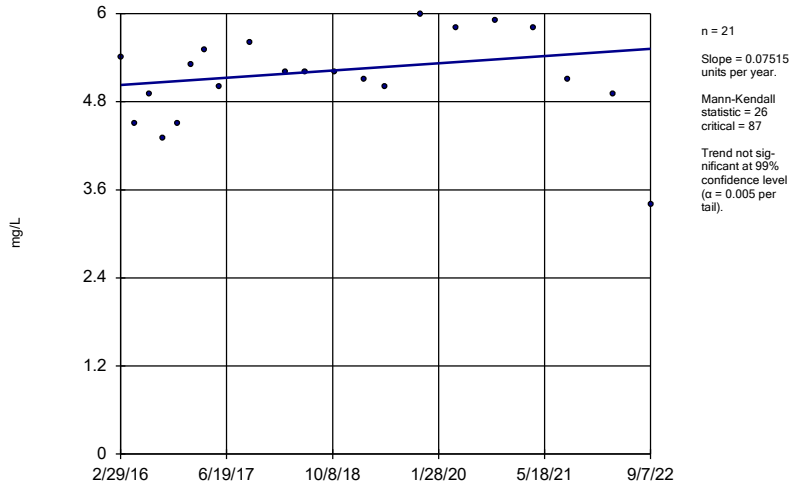
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

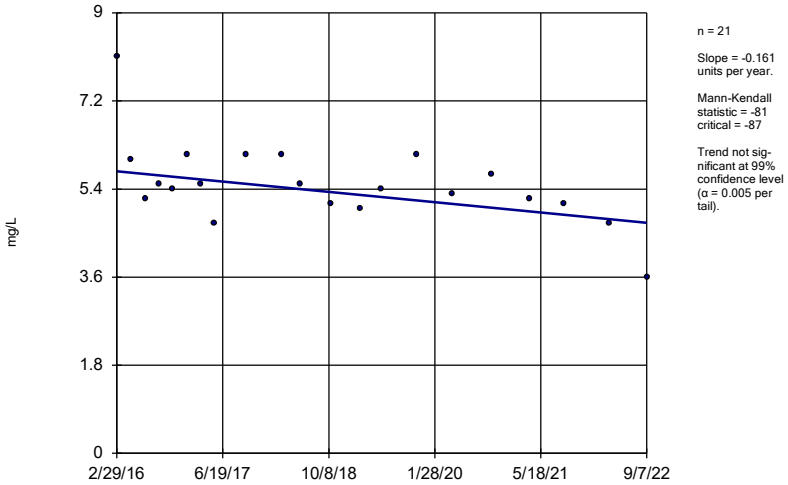
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

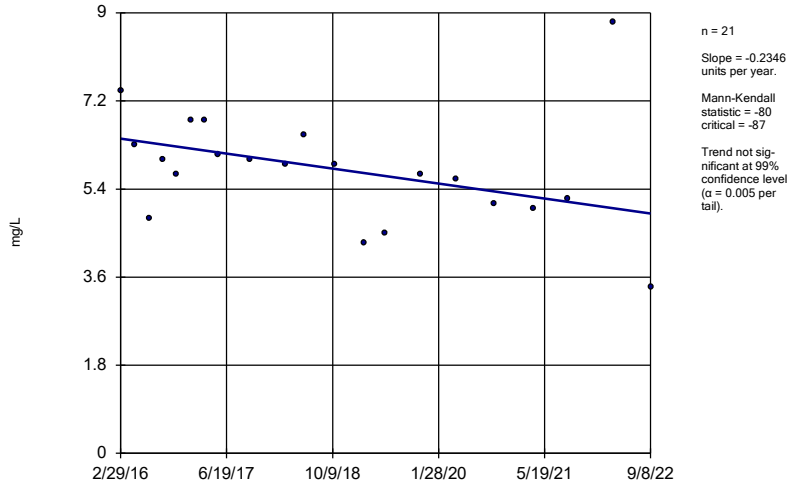
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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

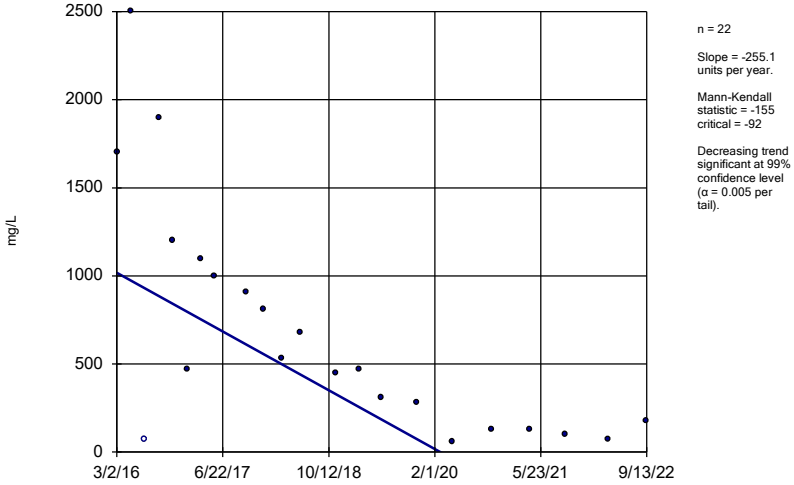
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

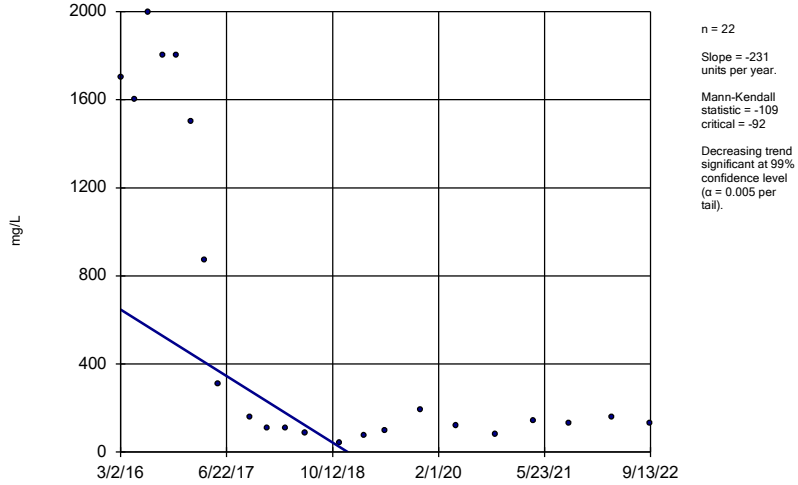
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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

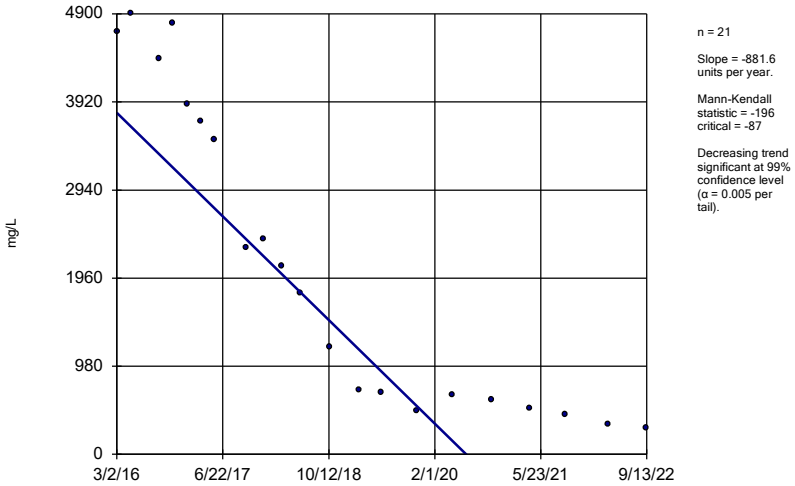
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

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

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).

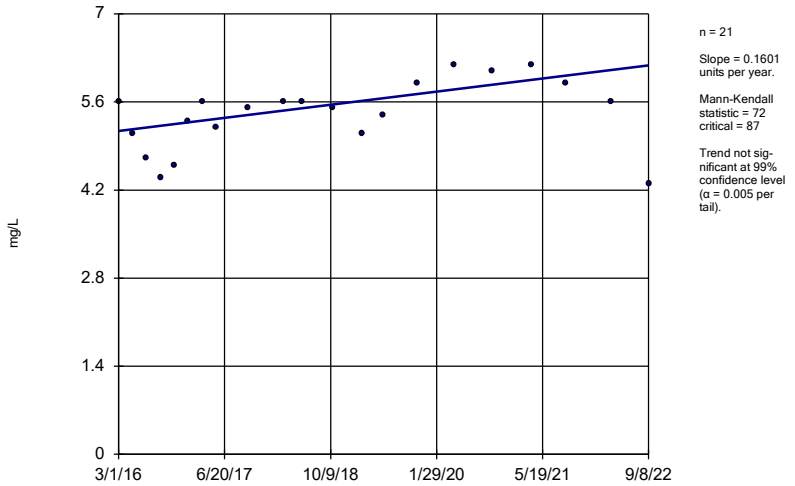
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

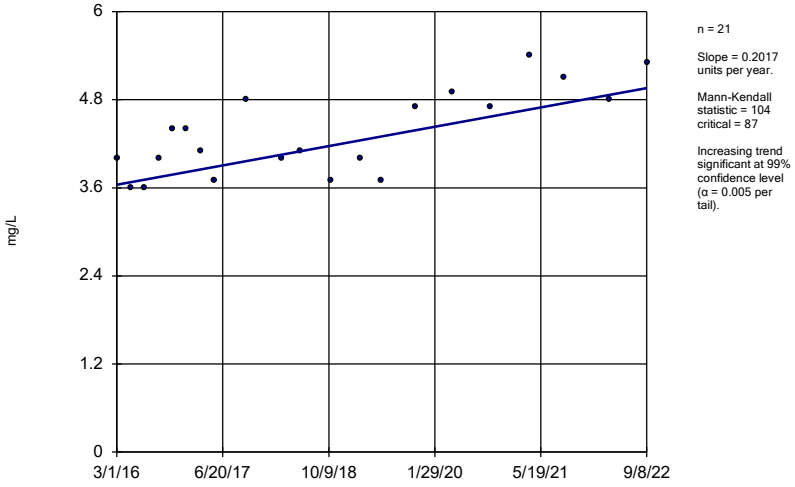
Constituent: Chloride Analysis Run 1/13/2023 1:34 AM View: 200 Series Trend Test

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).

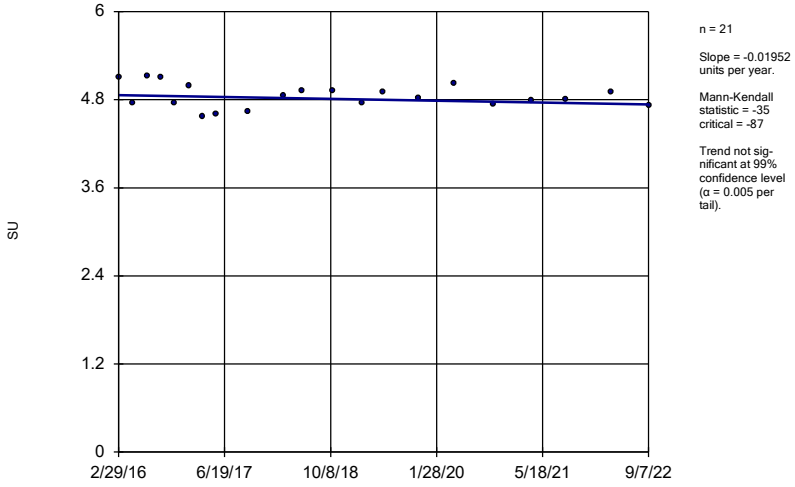
Constituent: Chloride Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

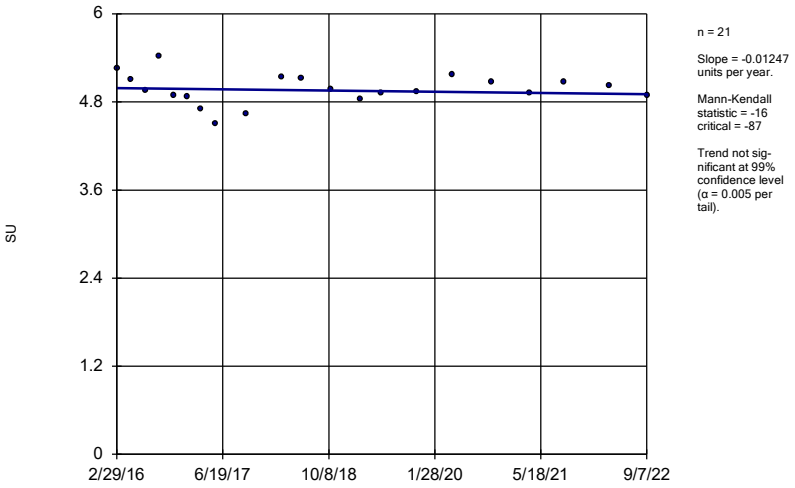
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

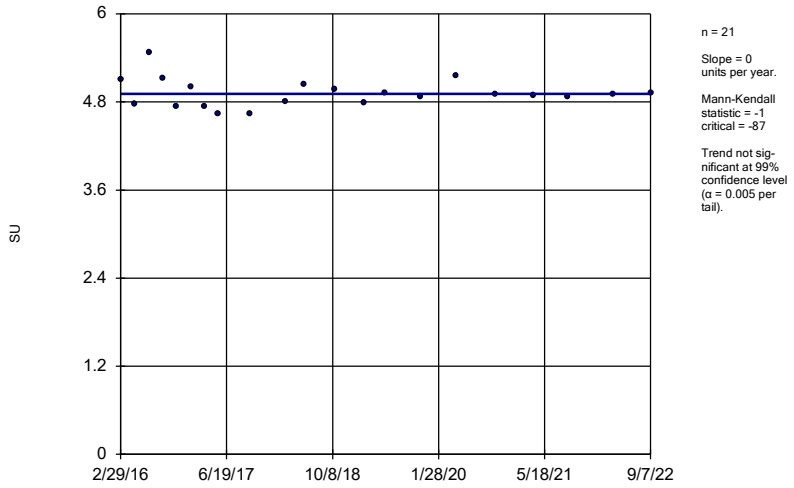
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

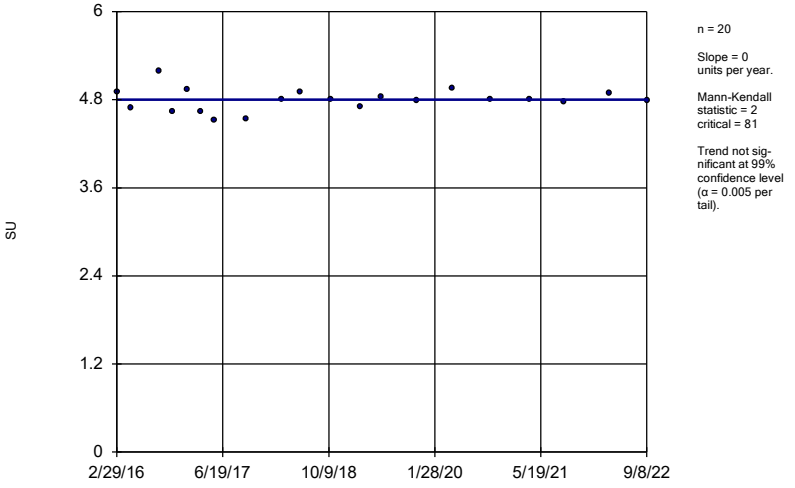
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

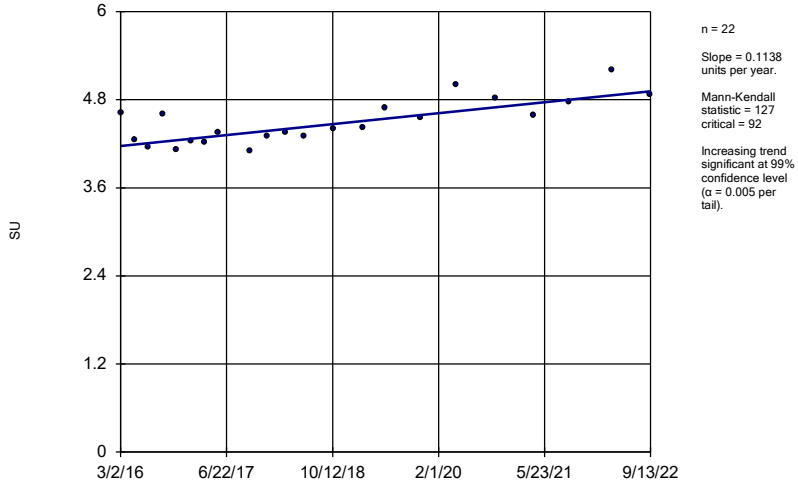
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

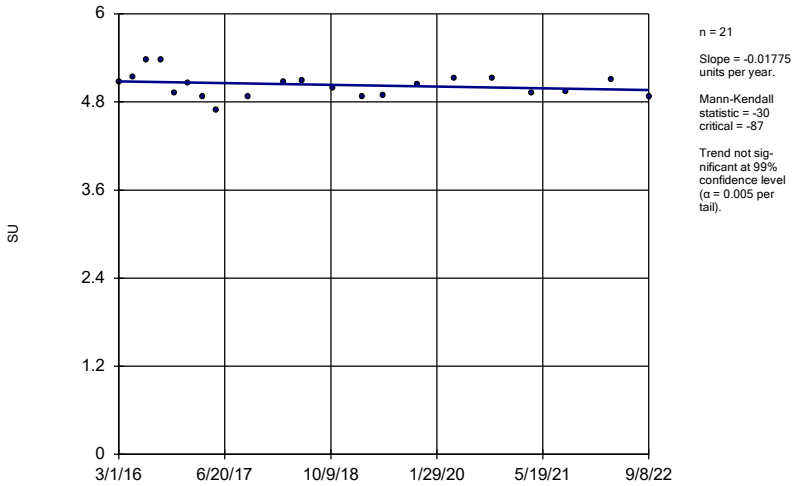
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

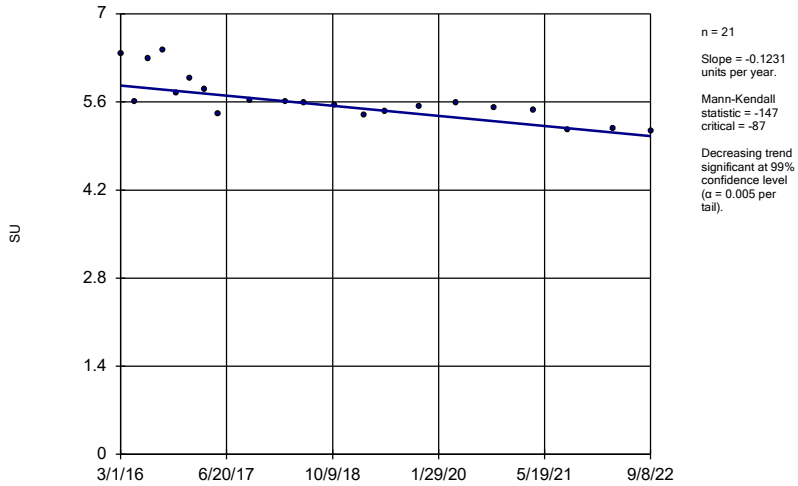
Constituent: Field pH Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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

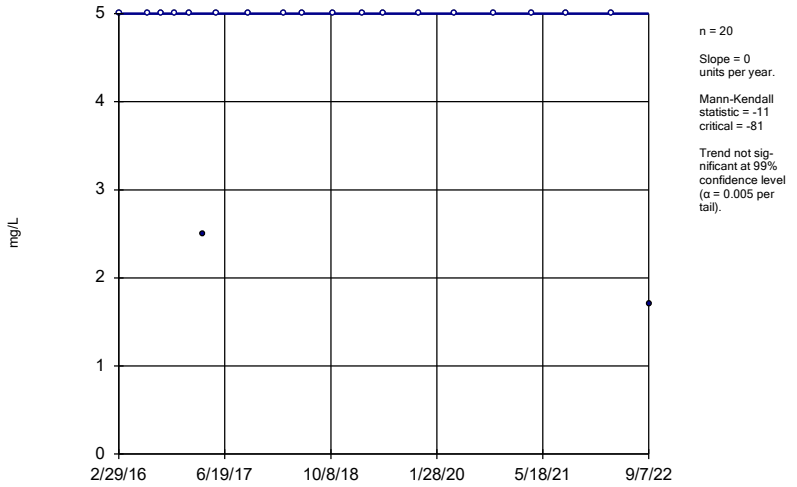
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

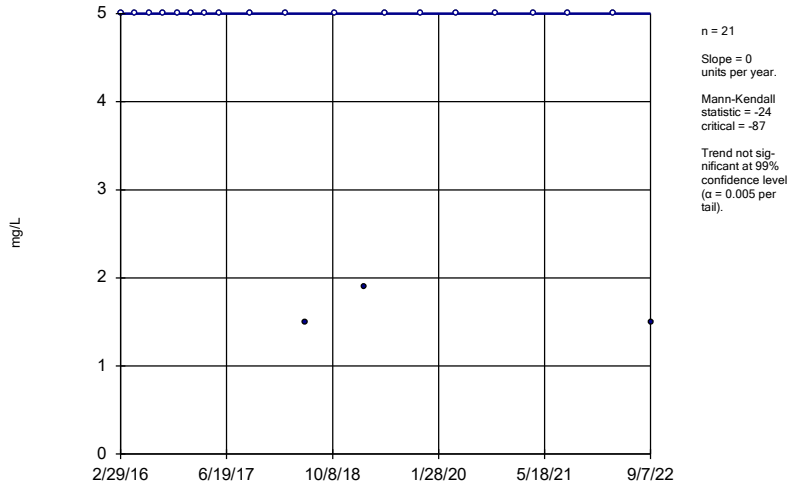
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

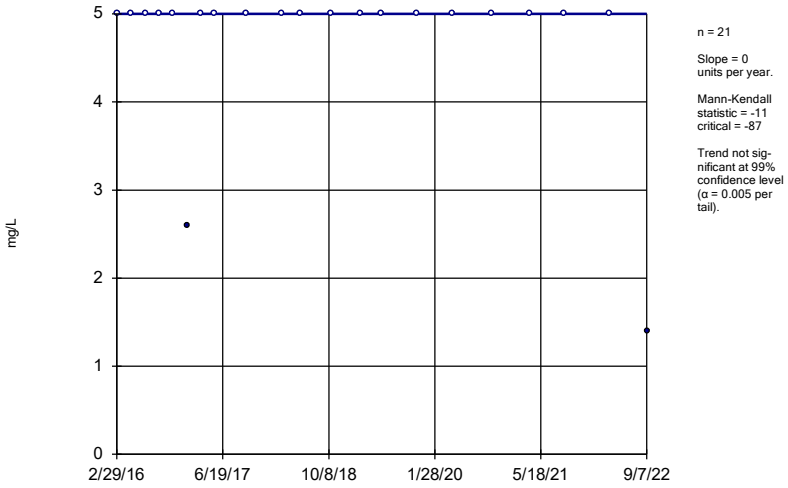
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

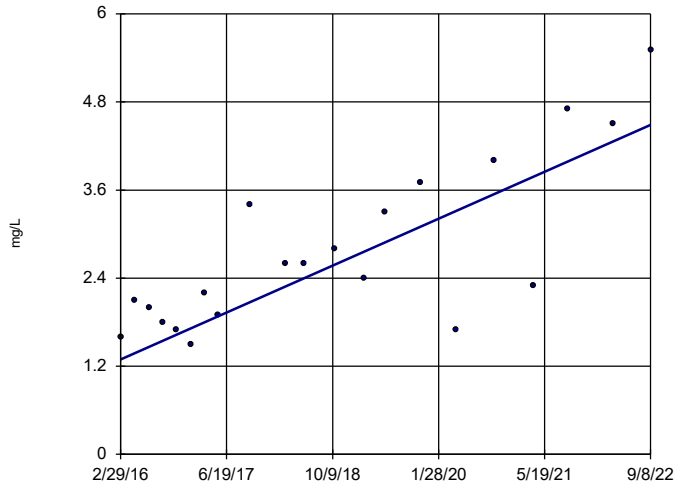
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

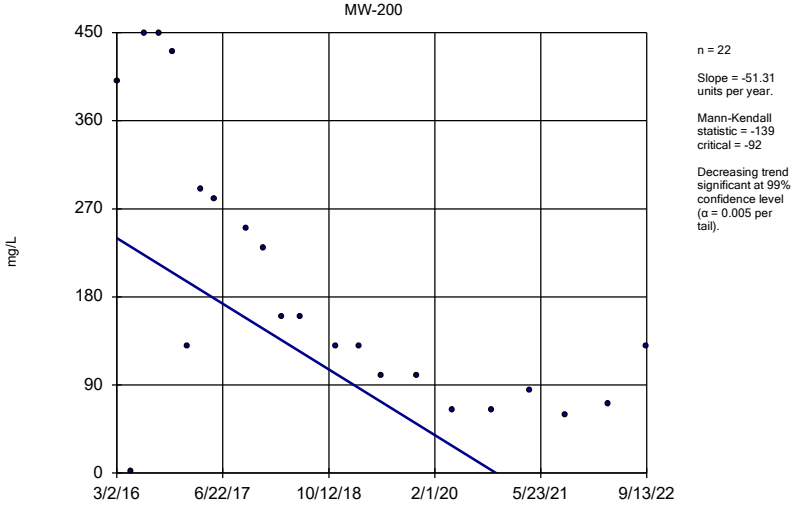
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

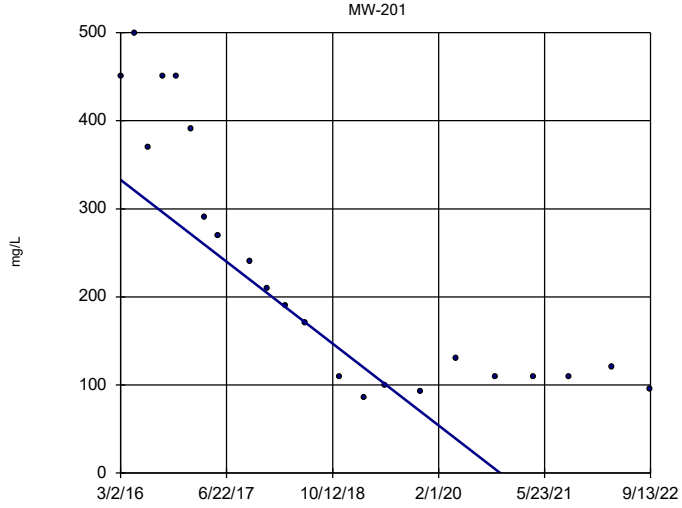
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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).

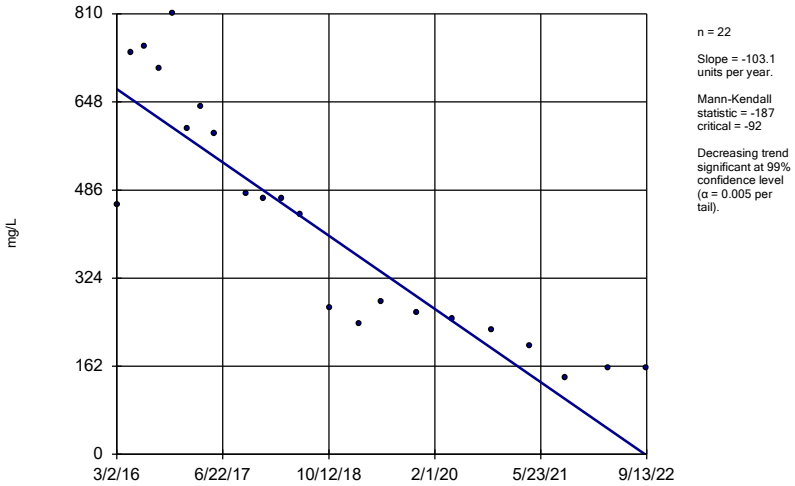
Constituent: Sulfate Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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

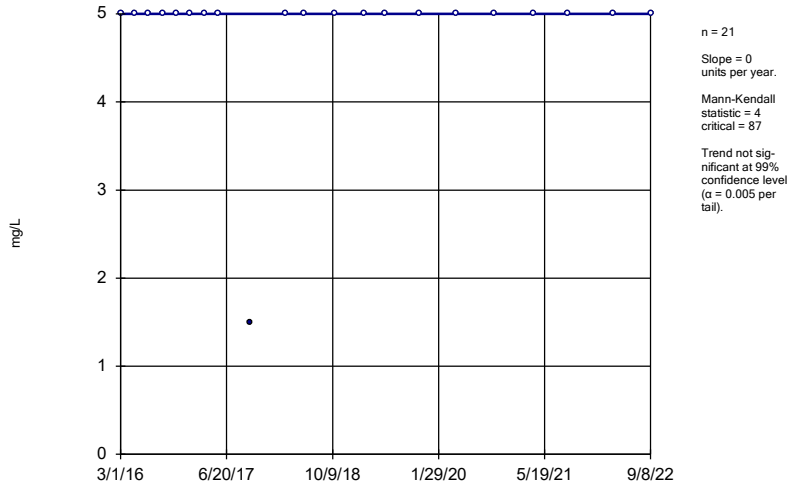
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

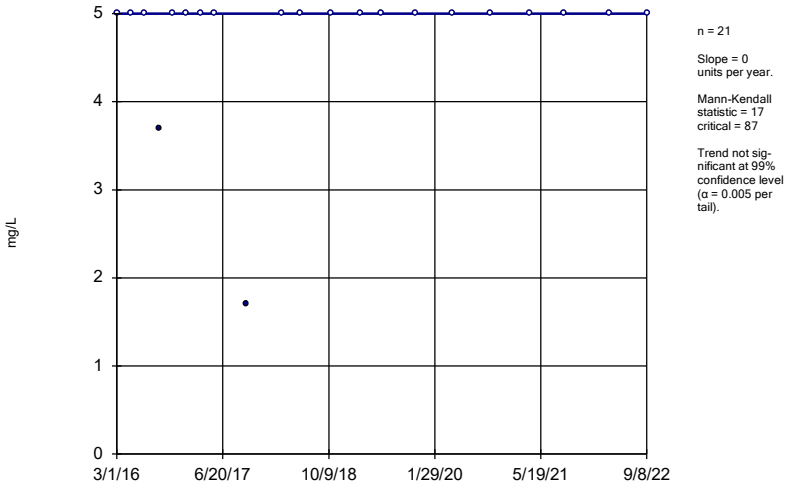
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

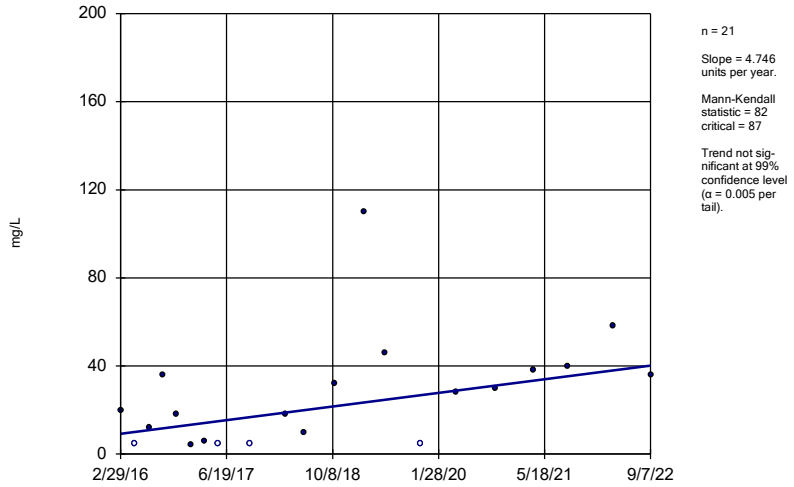
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

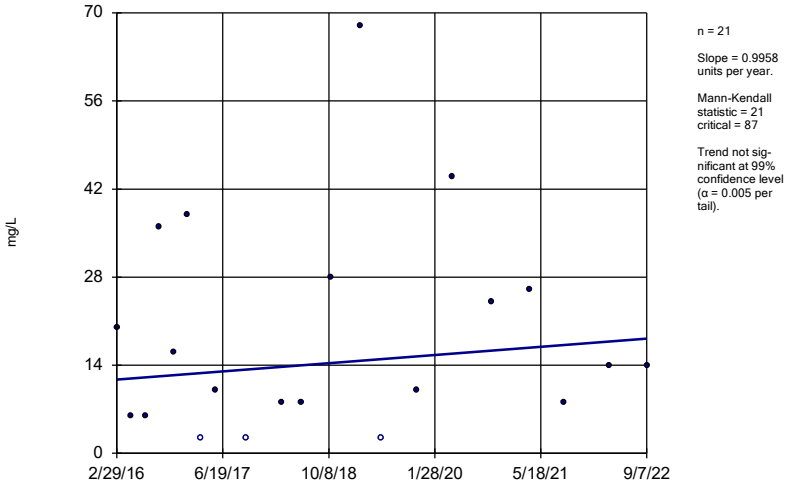
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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

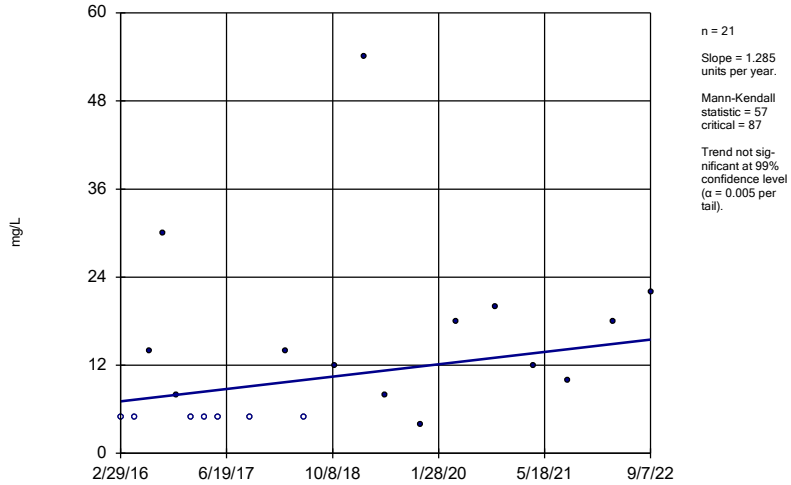
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

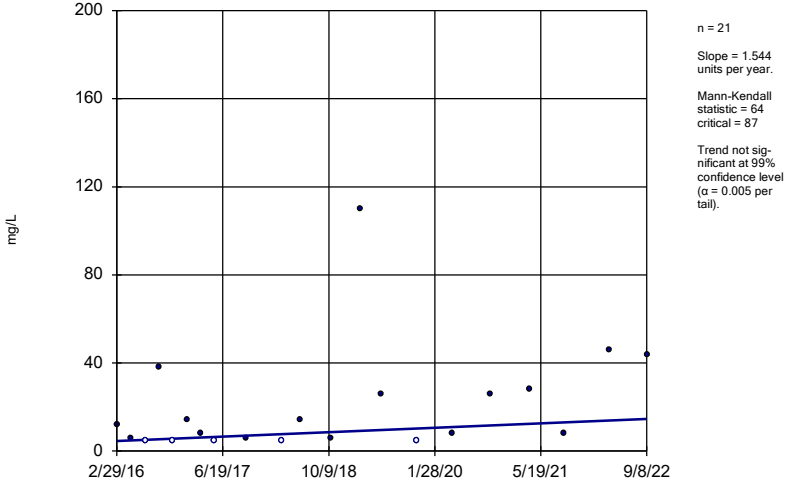
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

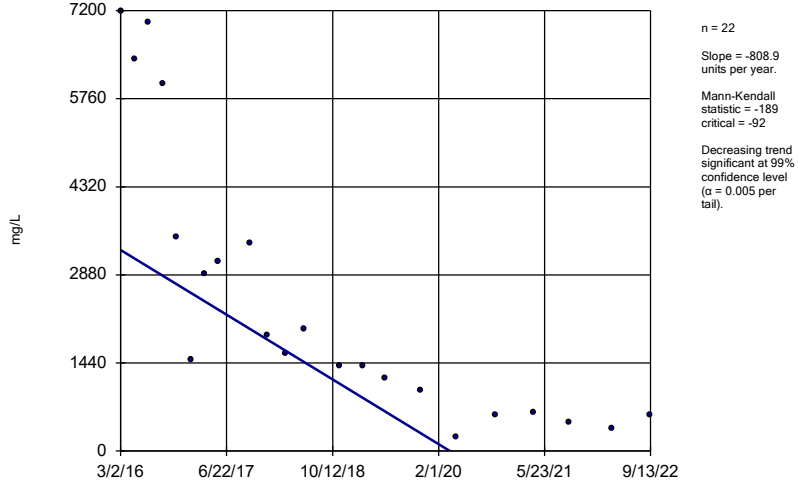
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

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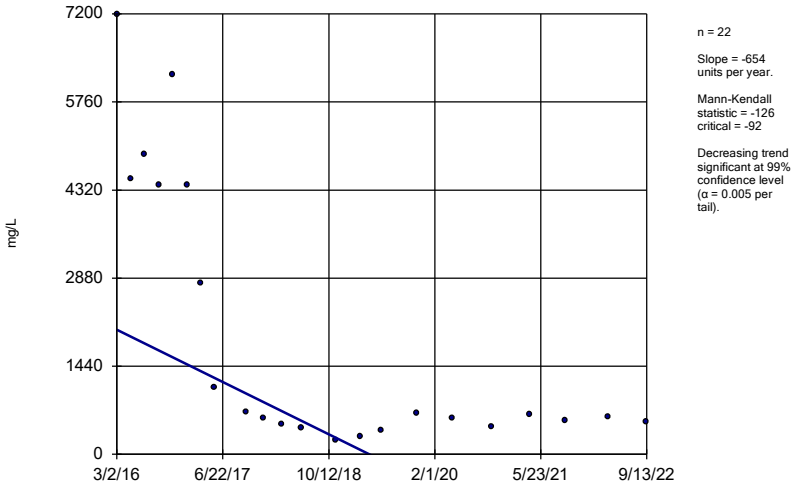
Sen's Slope Estimator

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).

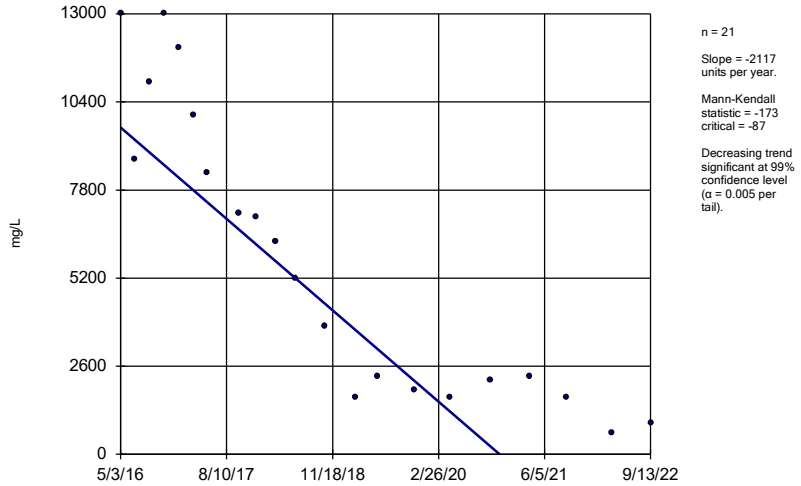
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:35 AM View: 200 Series Trend Test

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

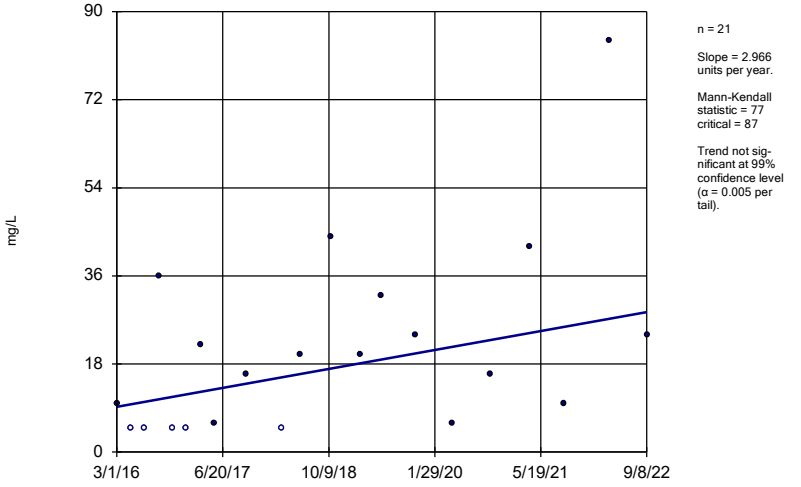
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

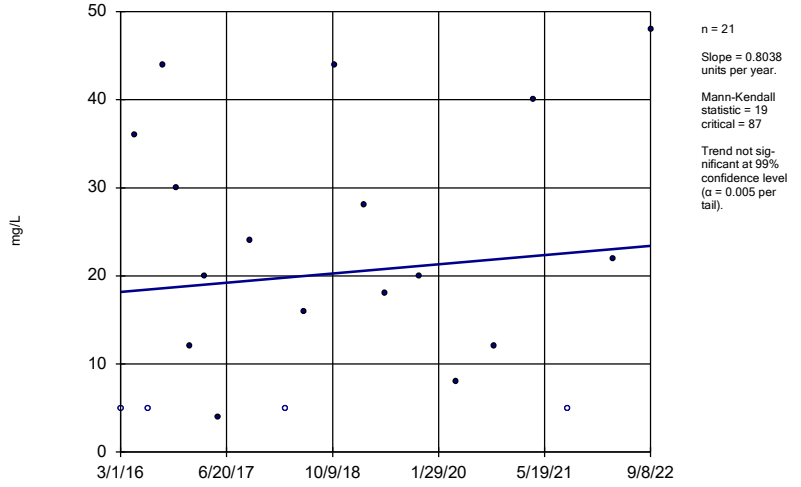
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

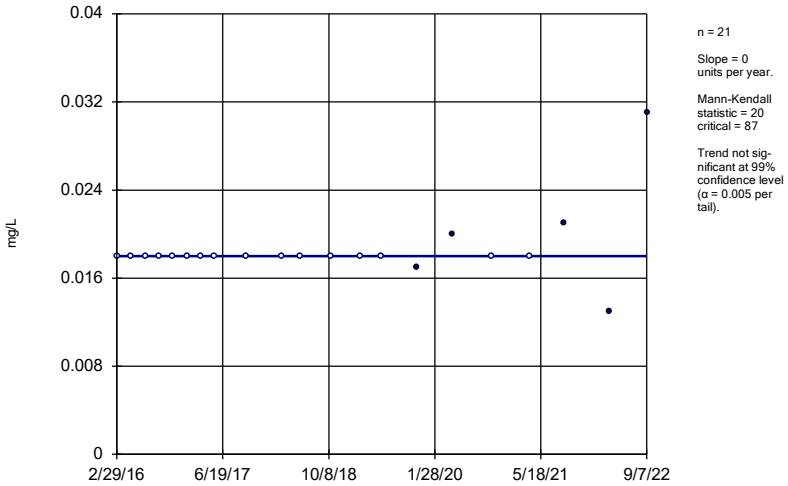
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:58 AM

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

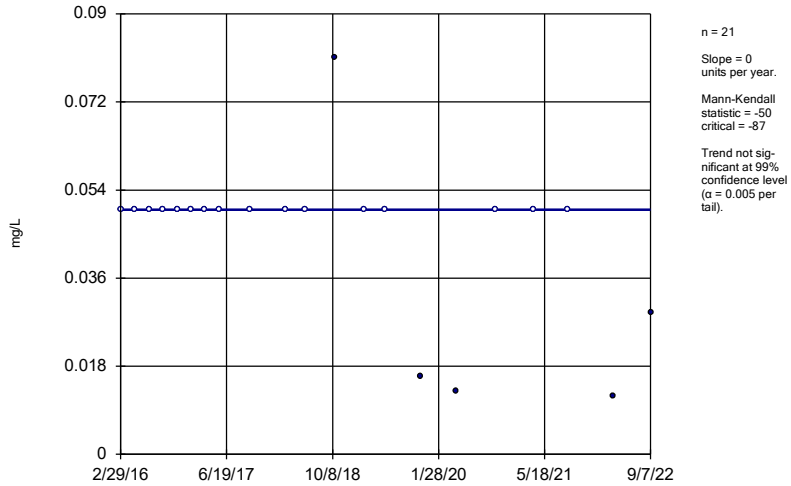
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

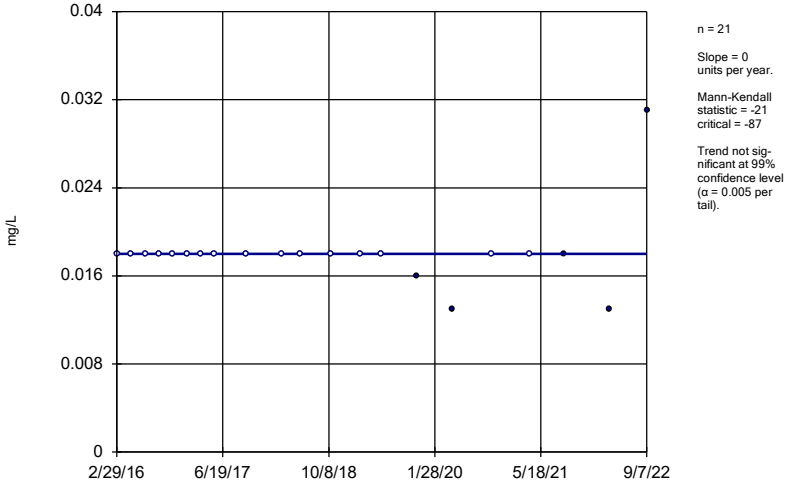
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

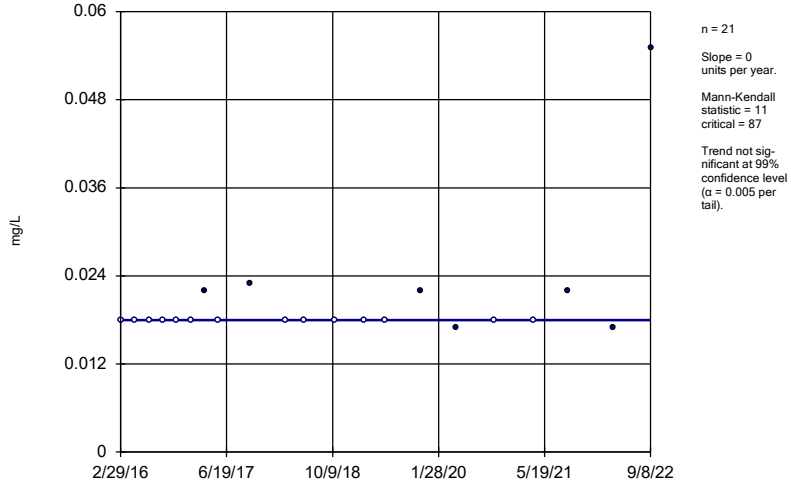
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

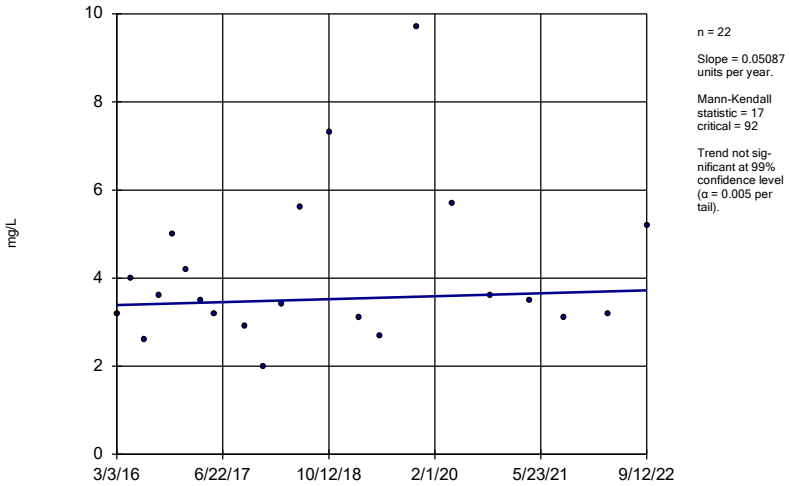
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

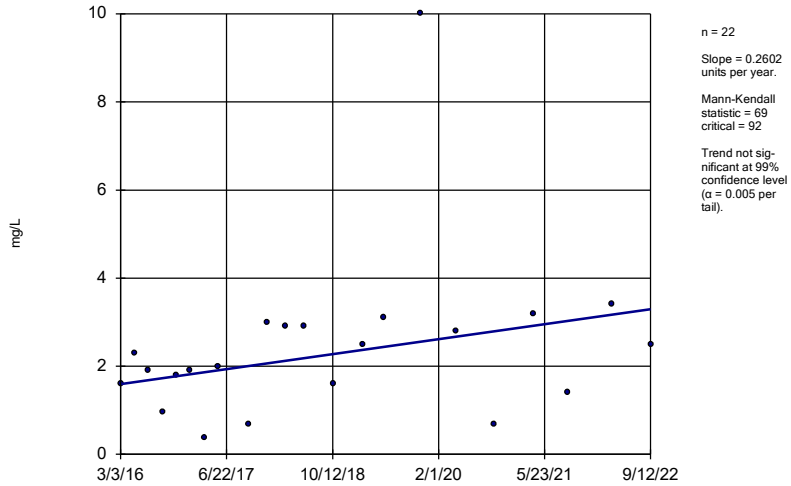
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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

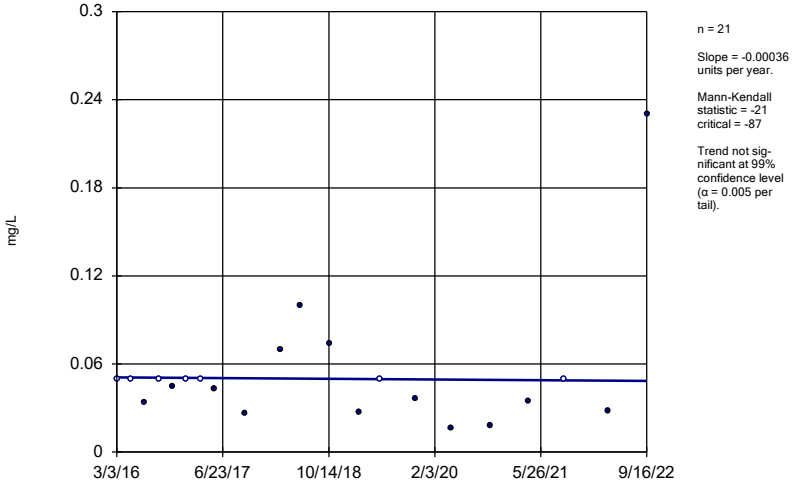
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

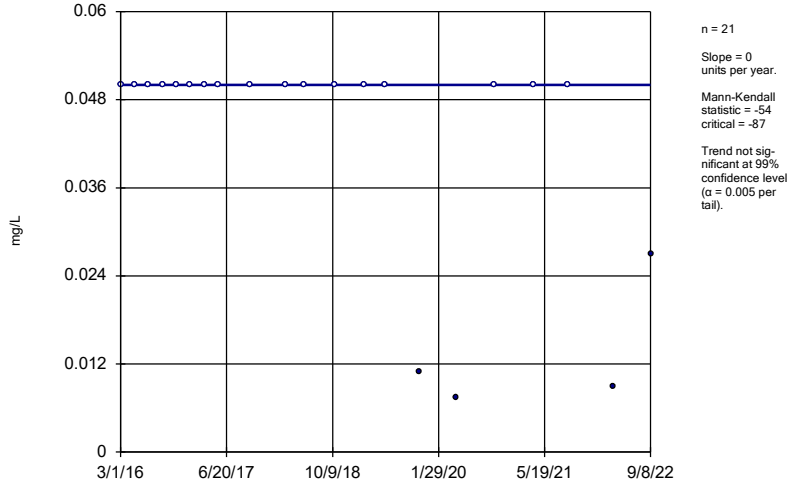
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

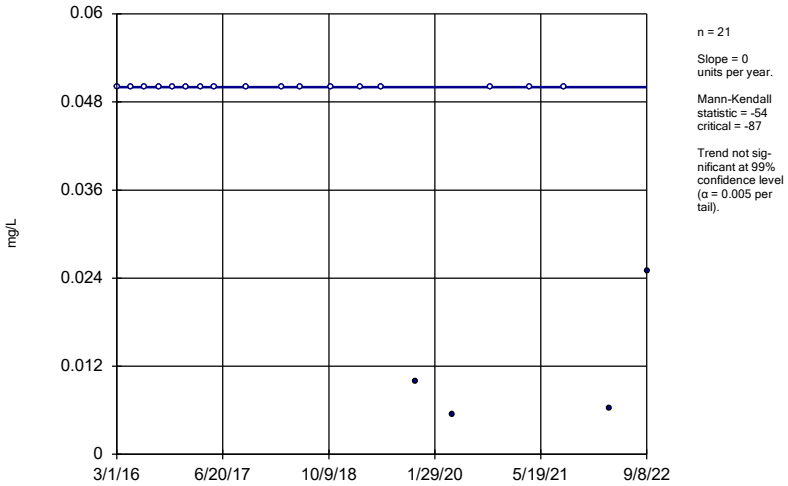
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

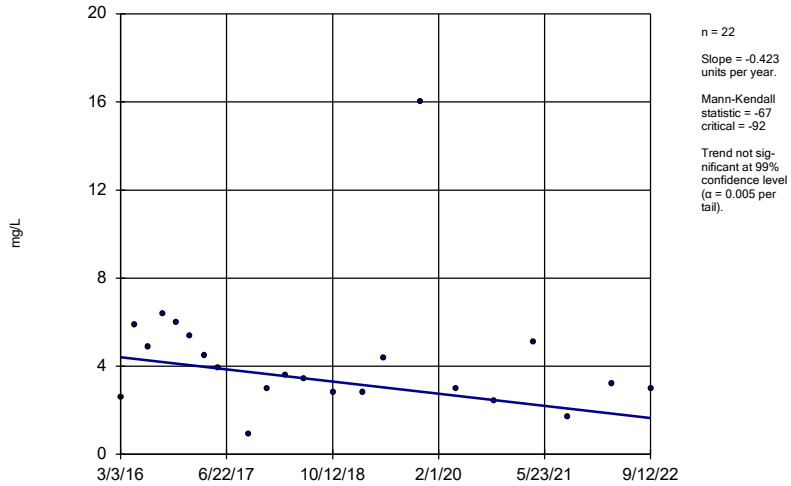
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

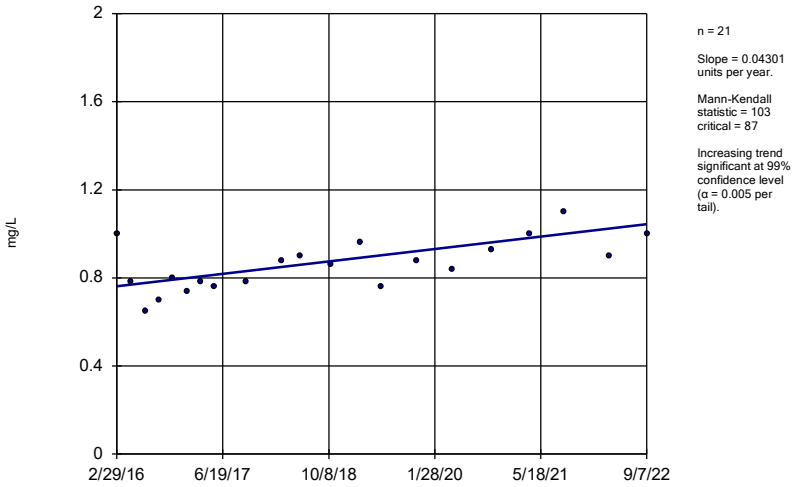
Constituent: Boron Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

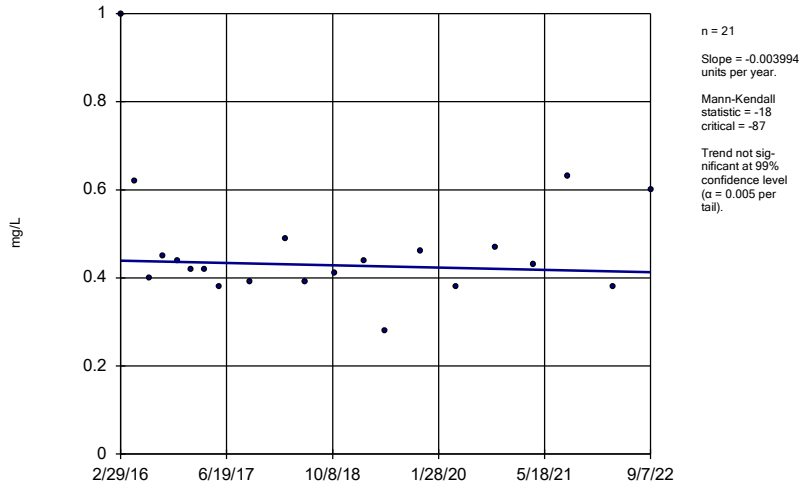
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

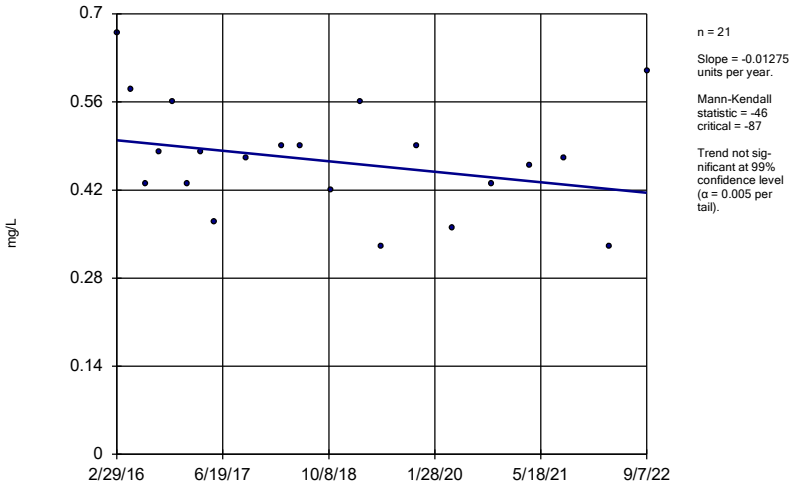
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

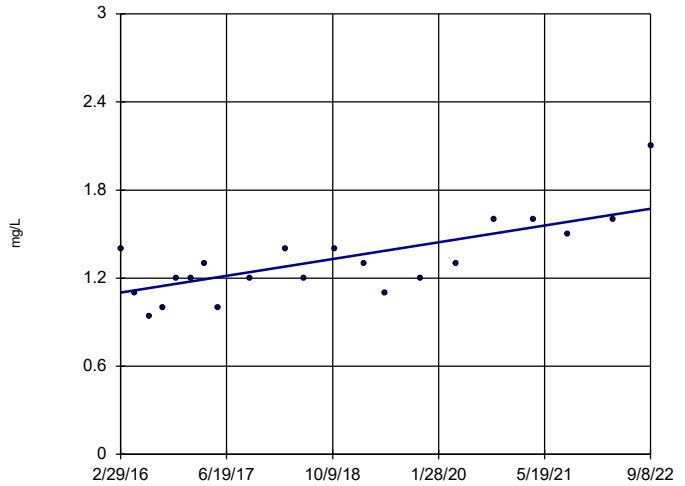
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

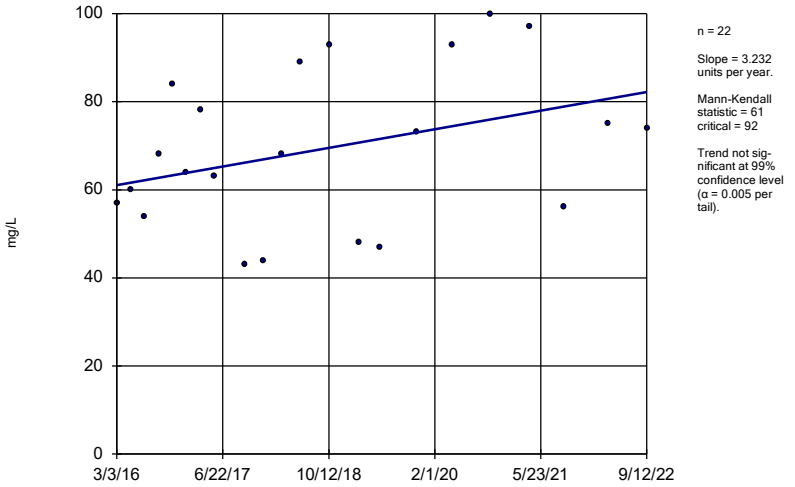
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

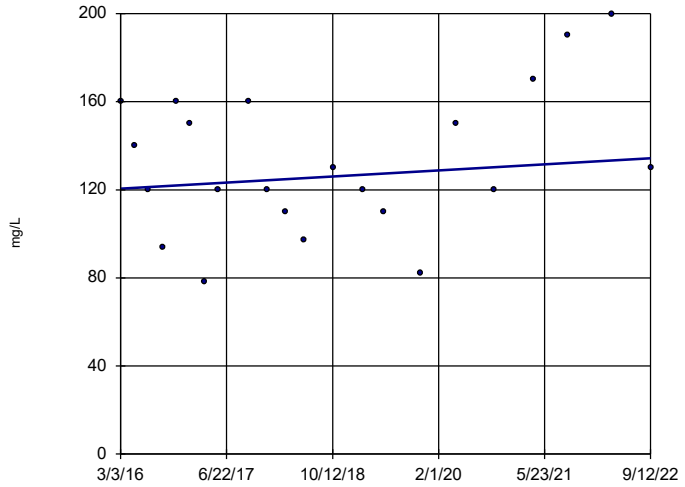
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

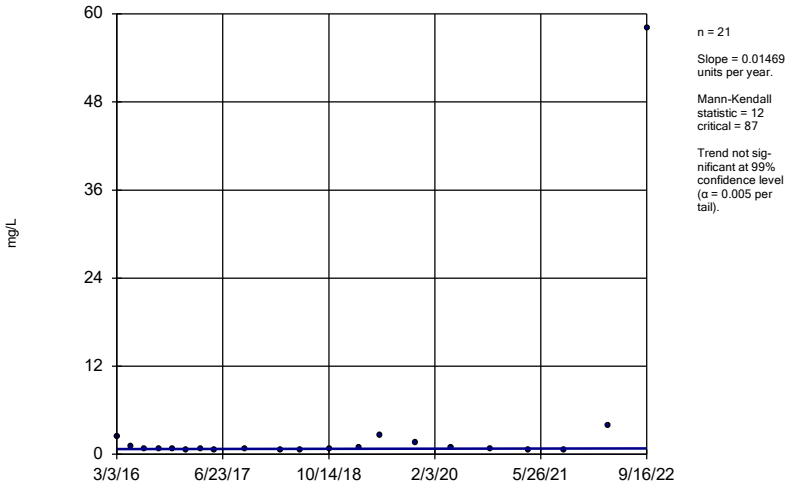
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

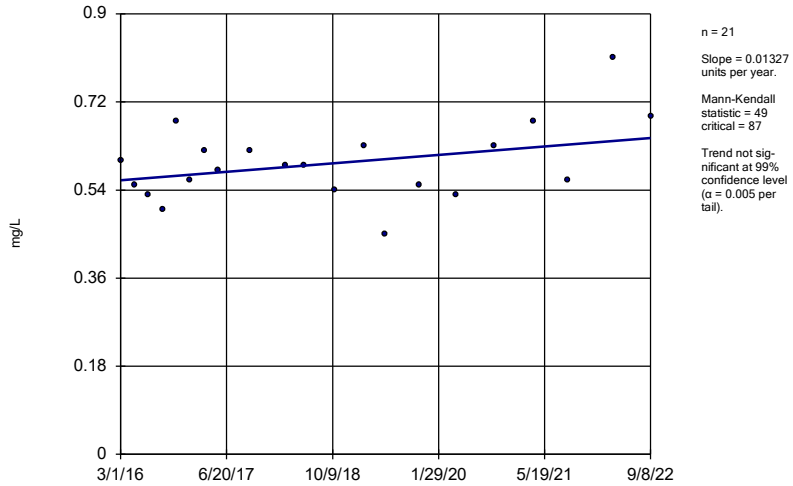
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

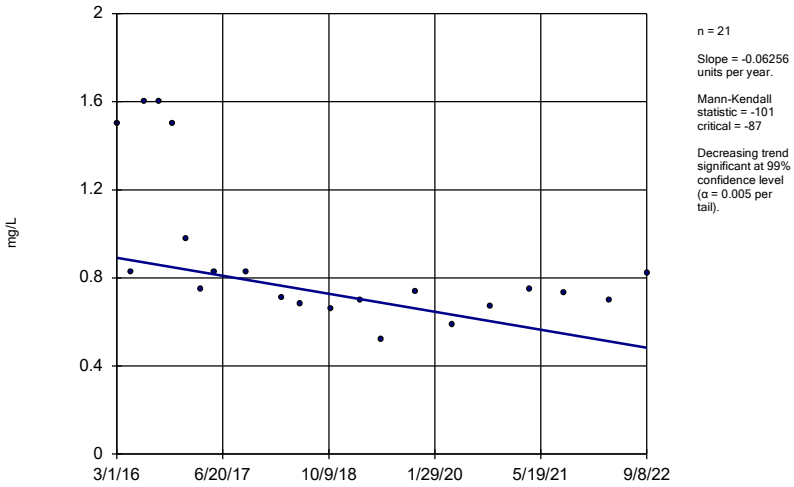
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

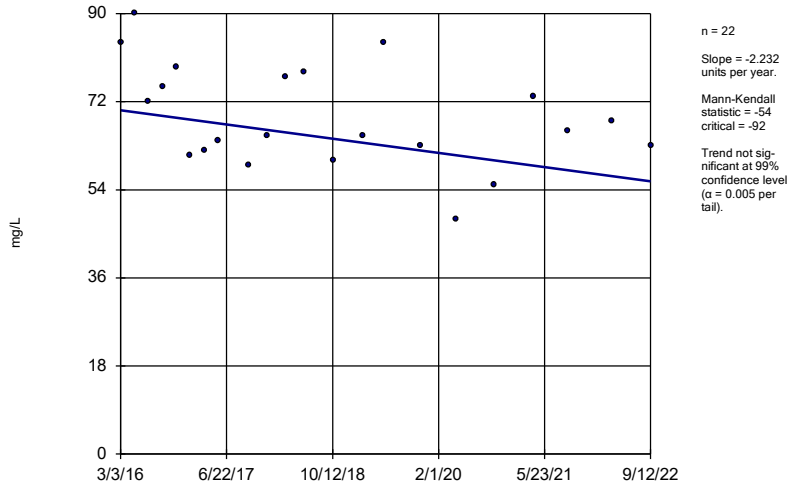
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

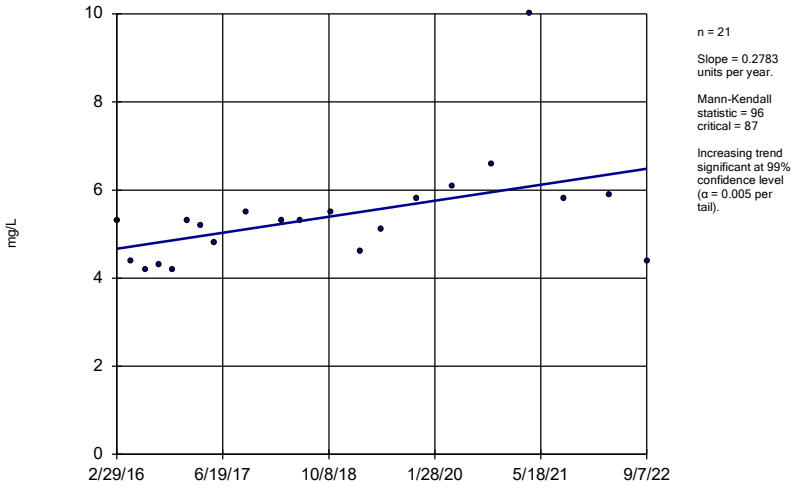
Constituent: Calcium Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

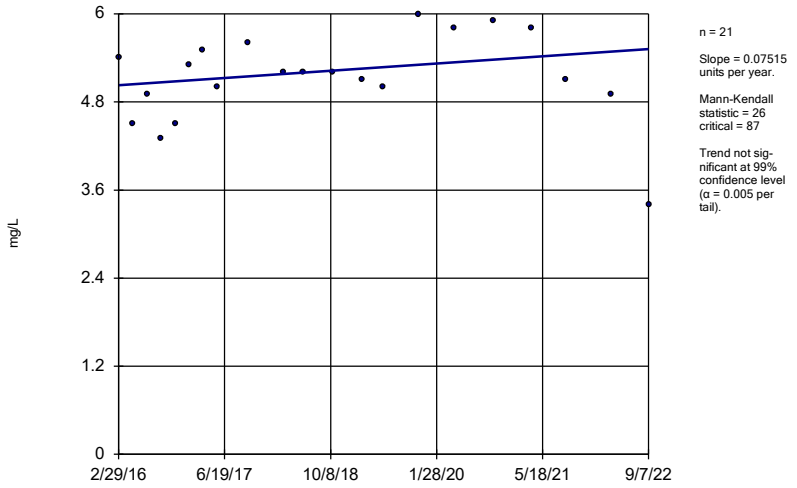
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

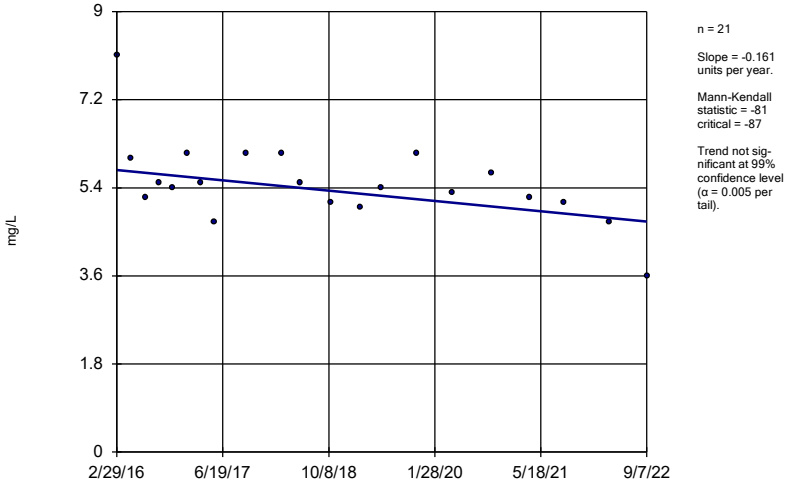
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

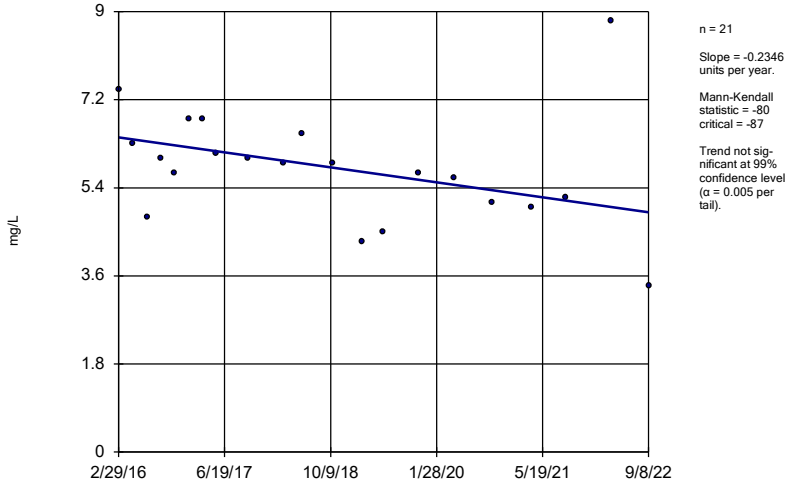
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

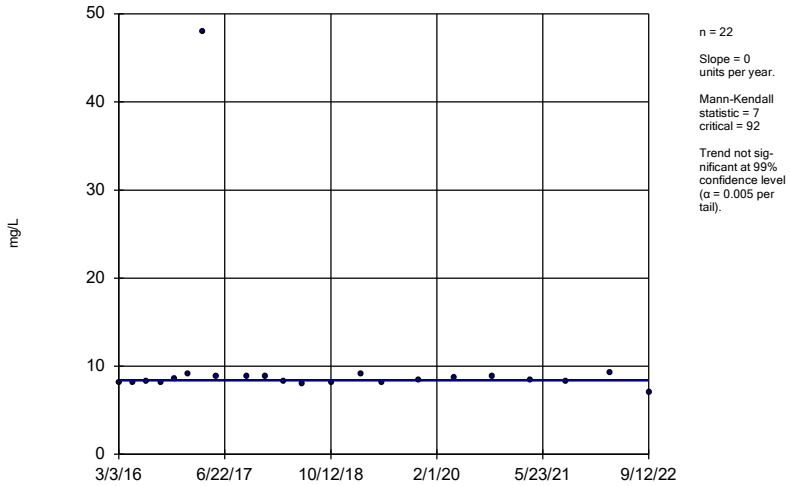
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

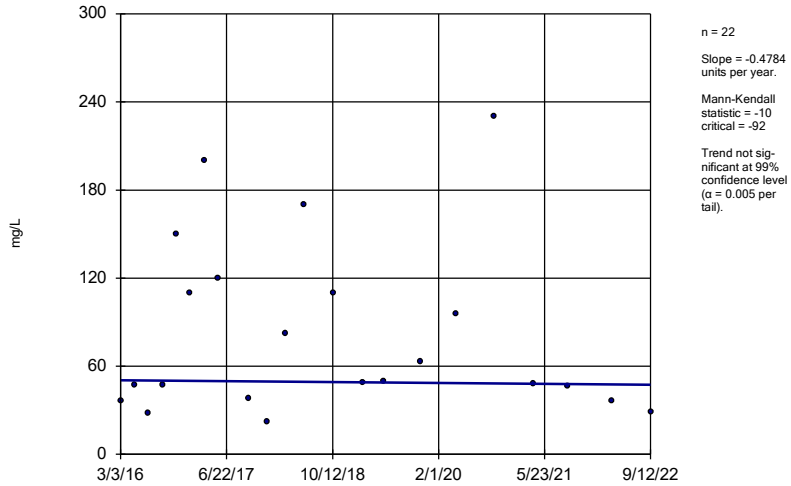
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

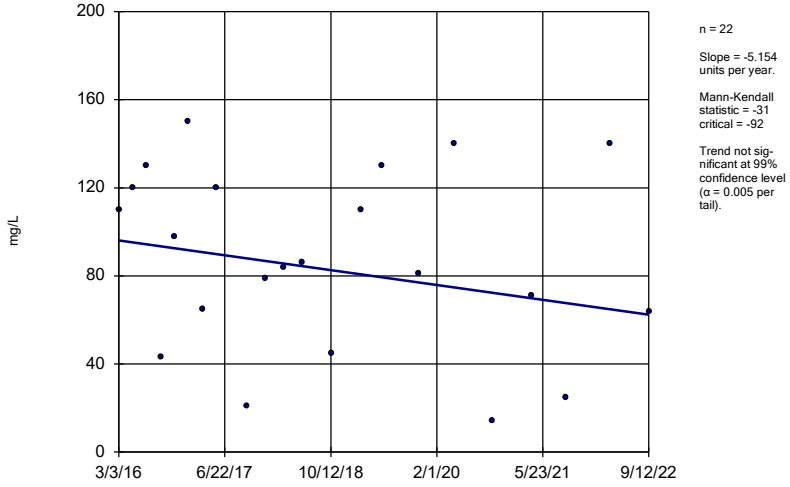
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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

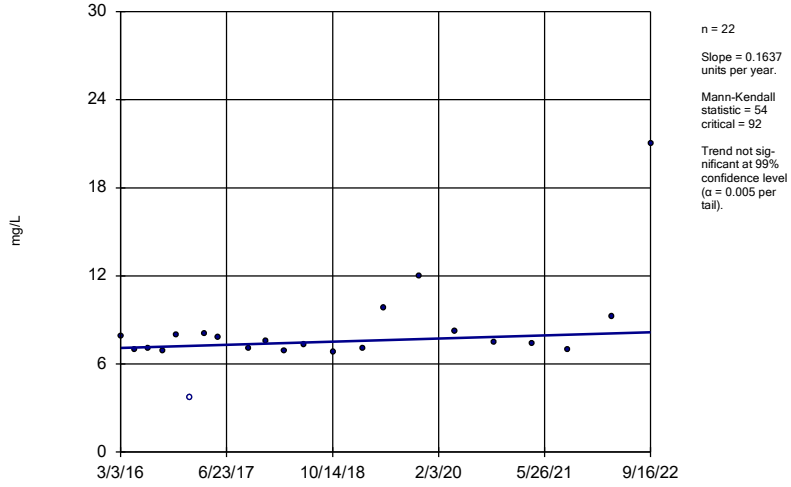
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

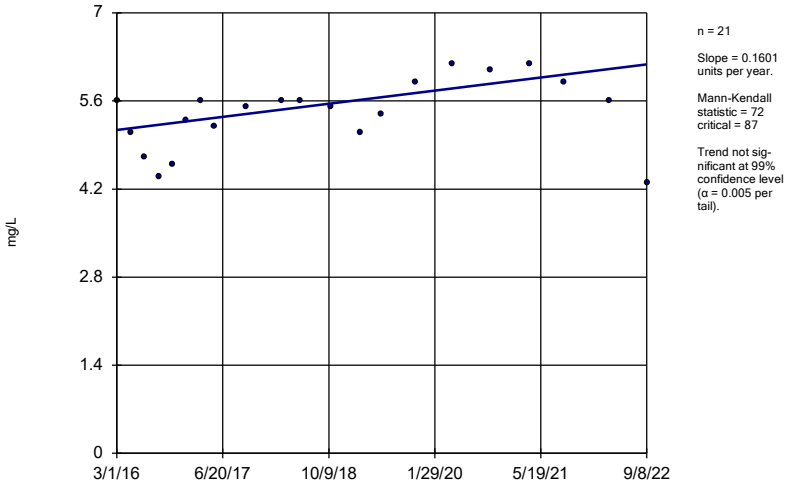
Trend not significant at 99% confidence level (α = 0.005 per tail).

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).

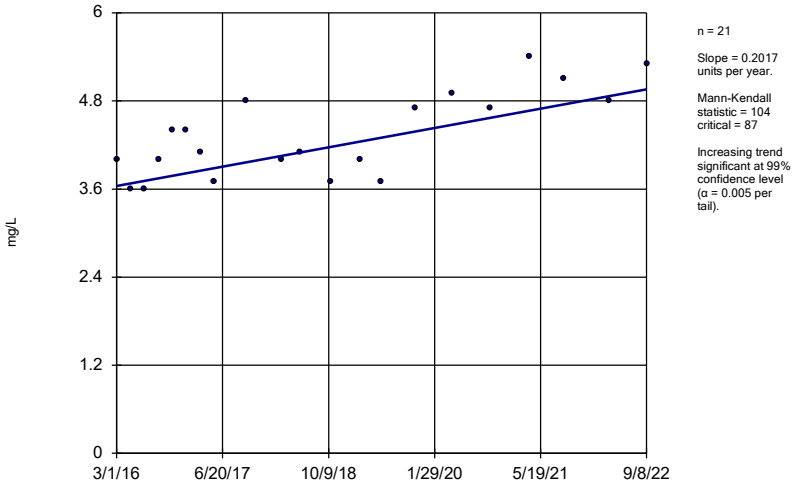
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

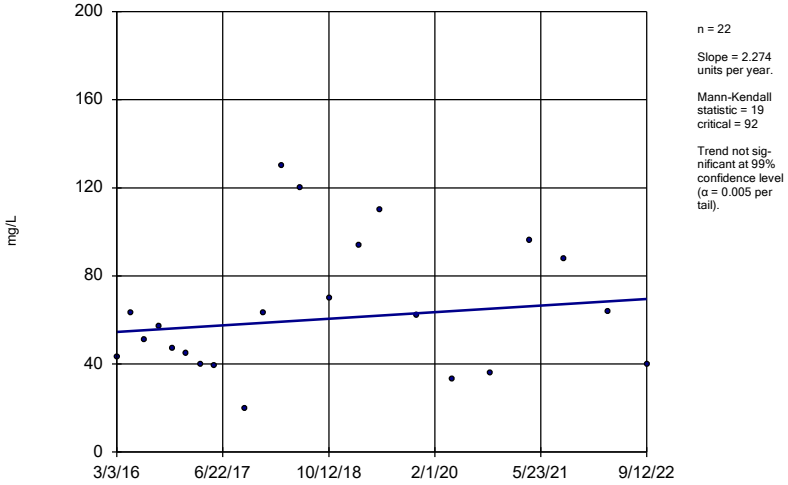
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

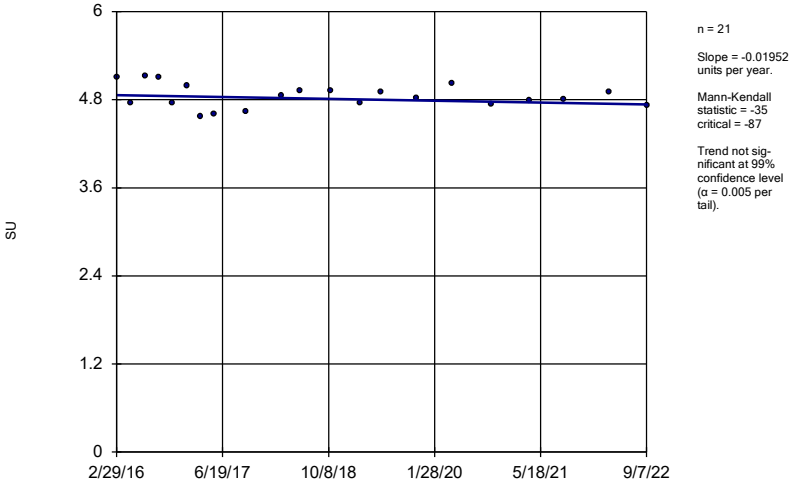
Constituent: Chloride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

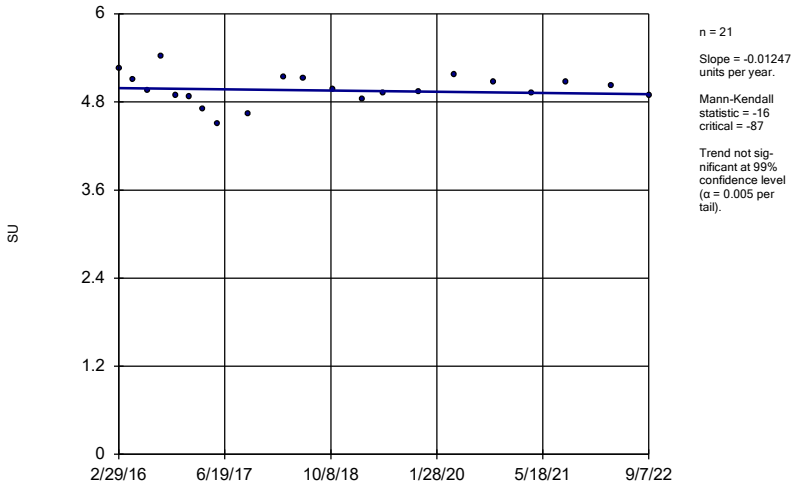
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

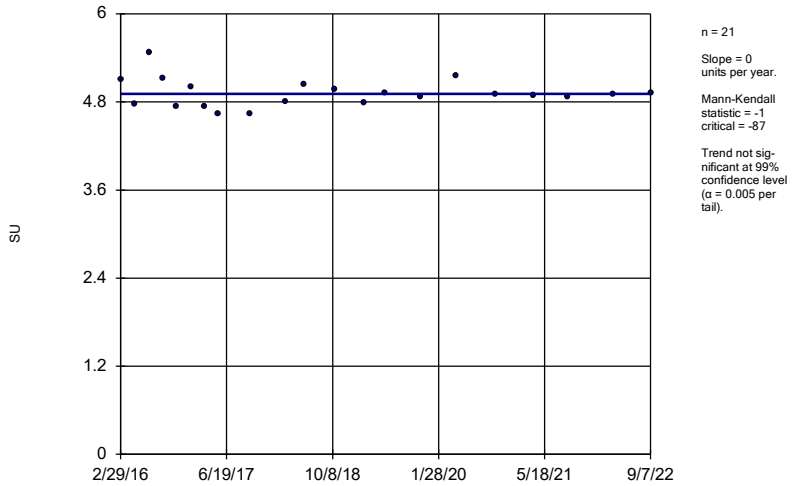
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

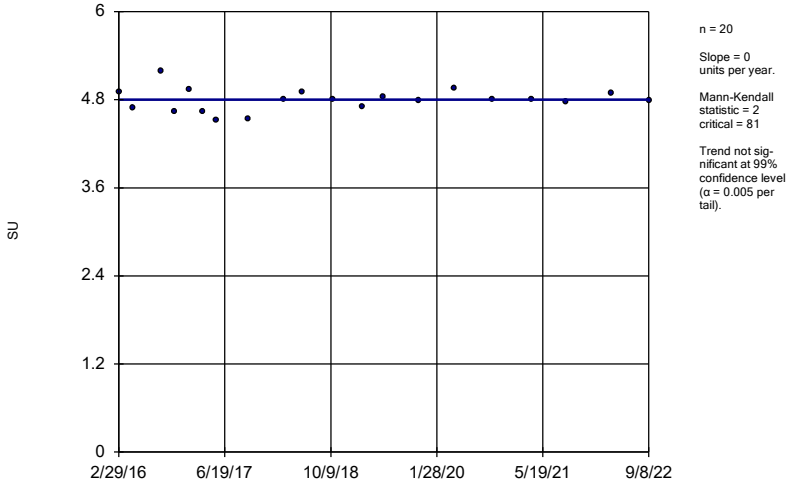
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

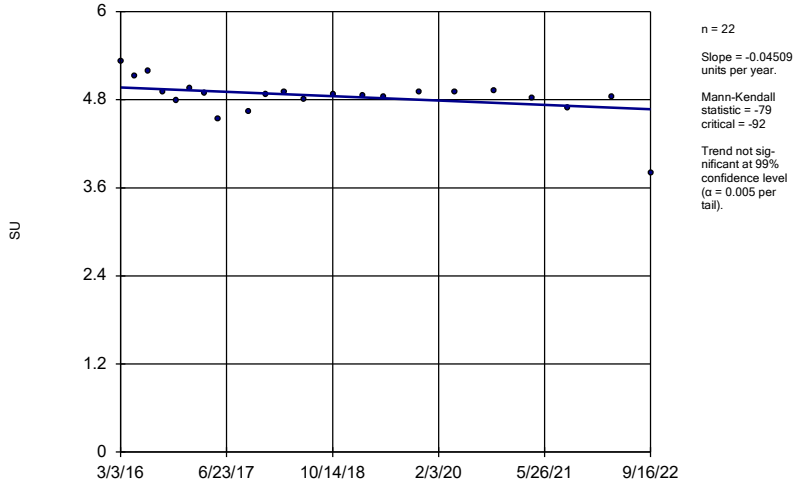
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

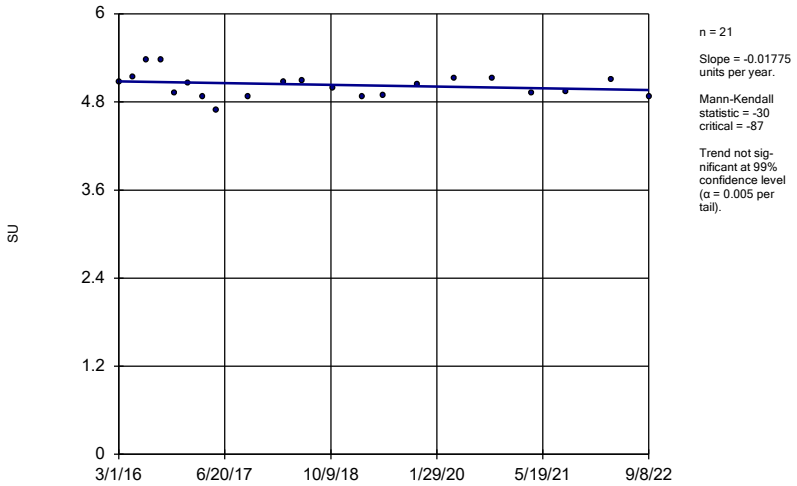
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

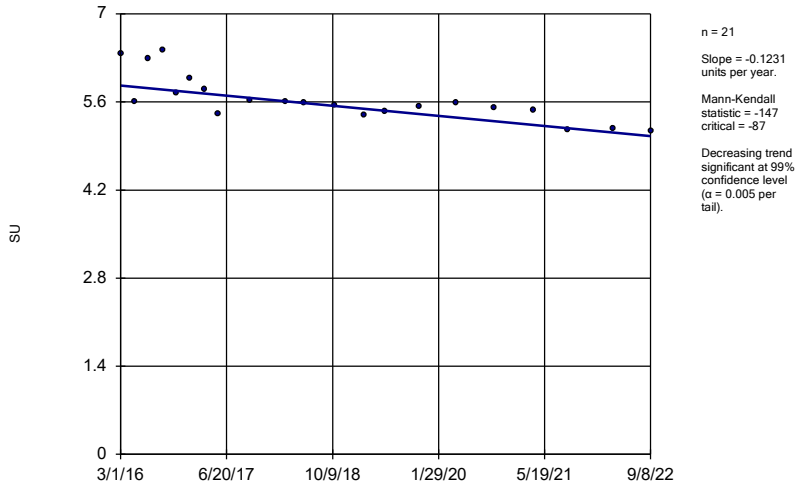
Constituent: Field pH Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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

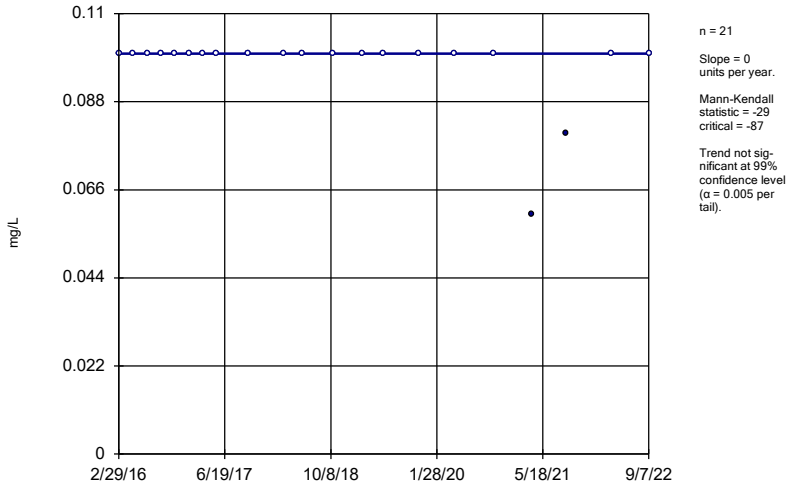
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

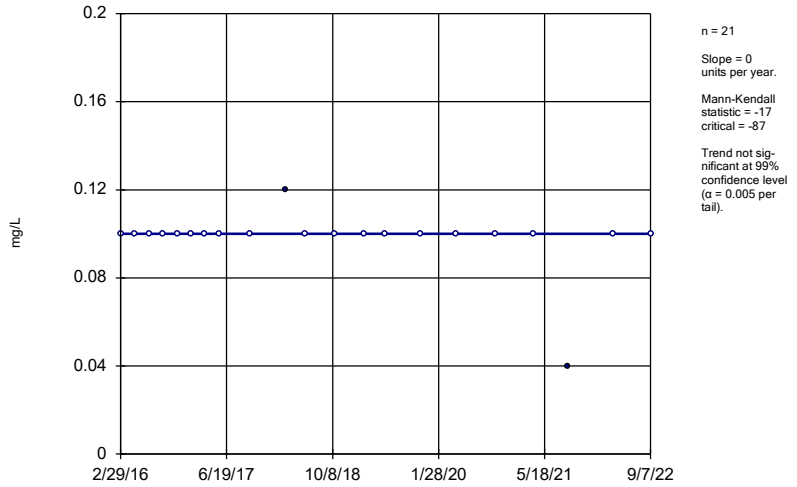
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

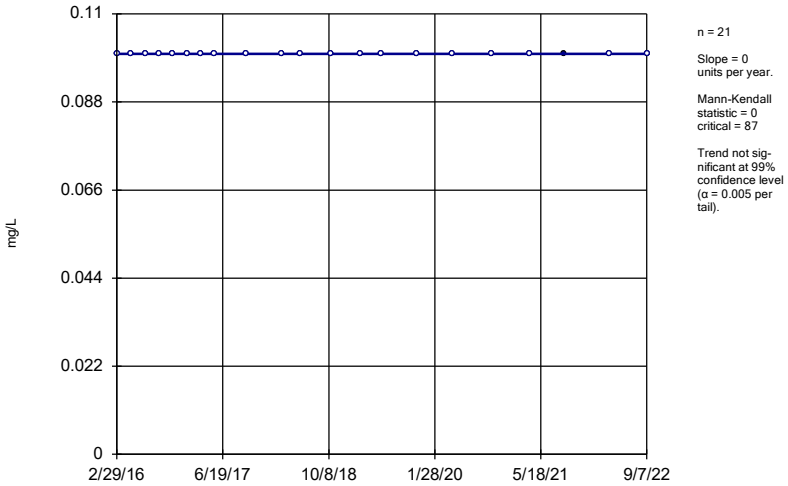
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

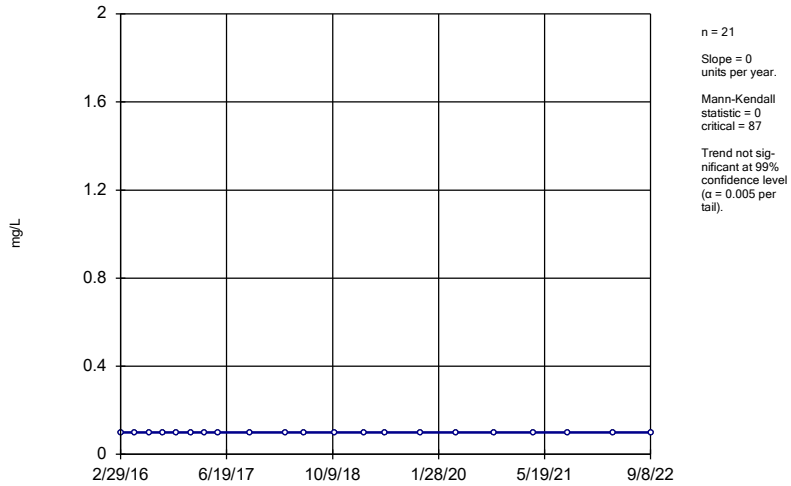
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

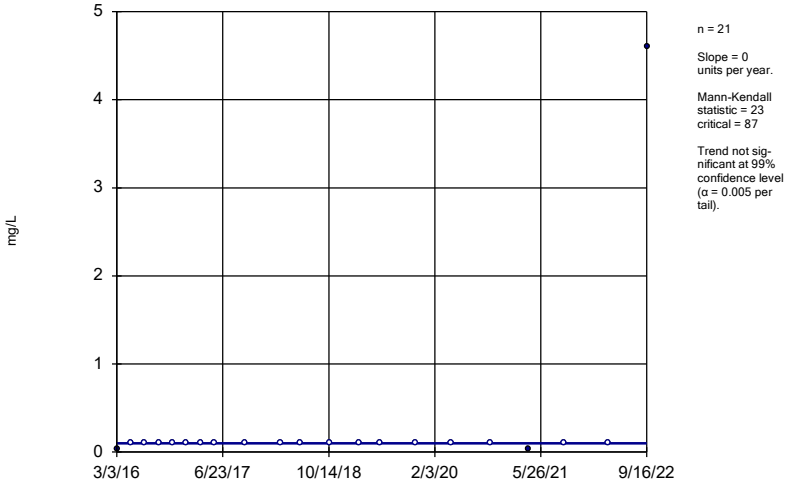
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

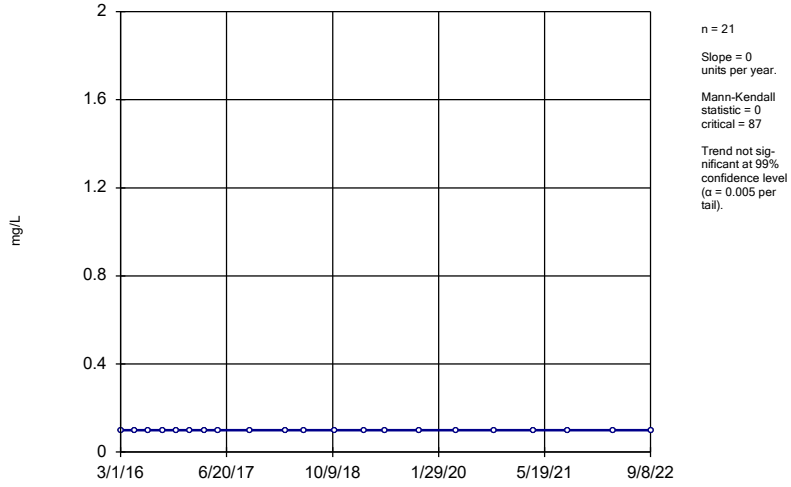
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

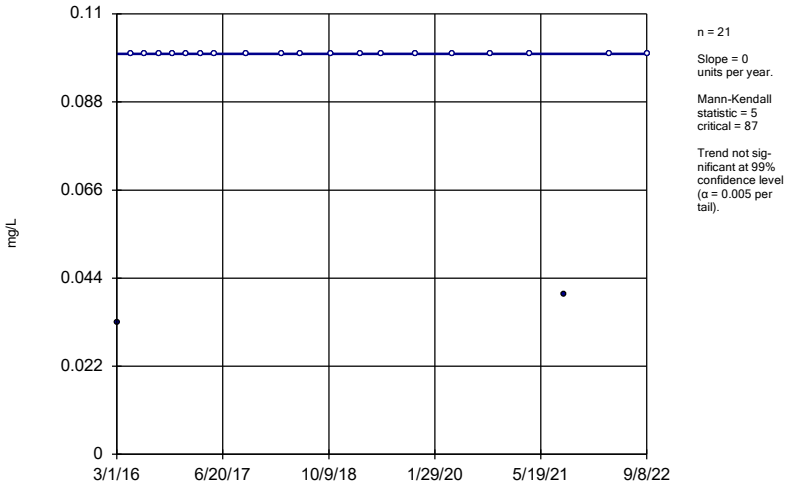
Constituent: Fluoride Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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

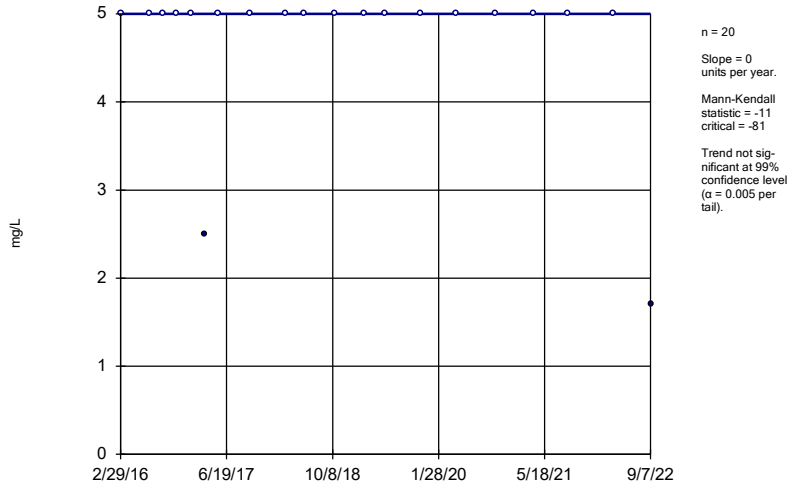
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

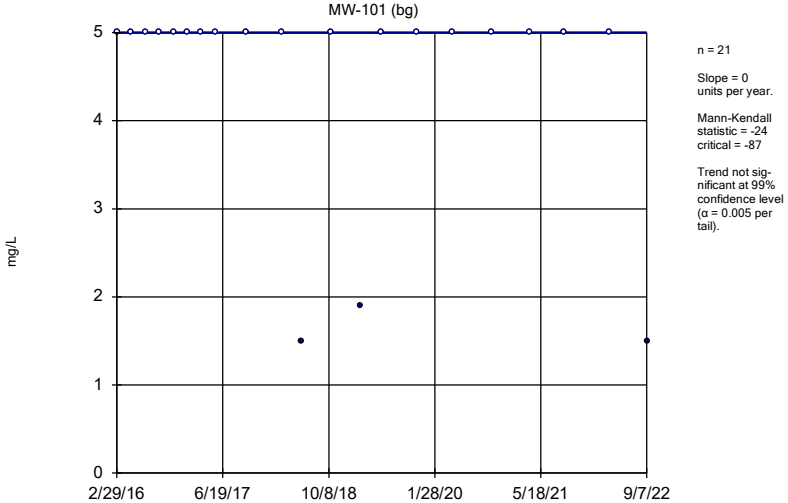
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

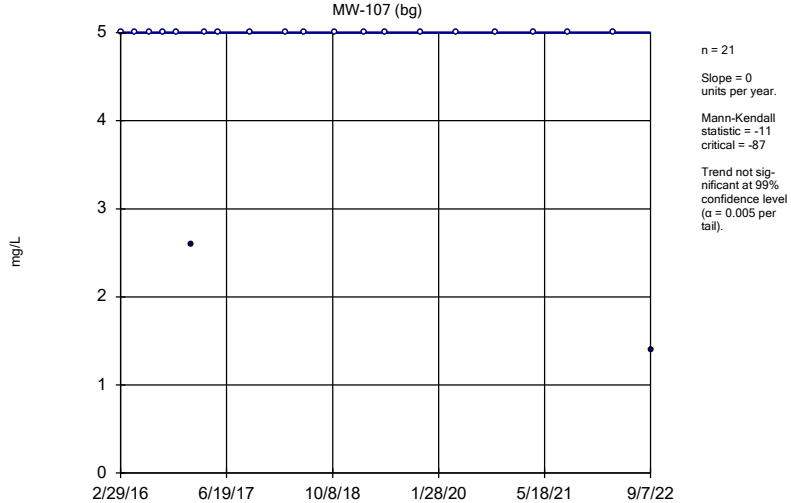
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

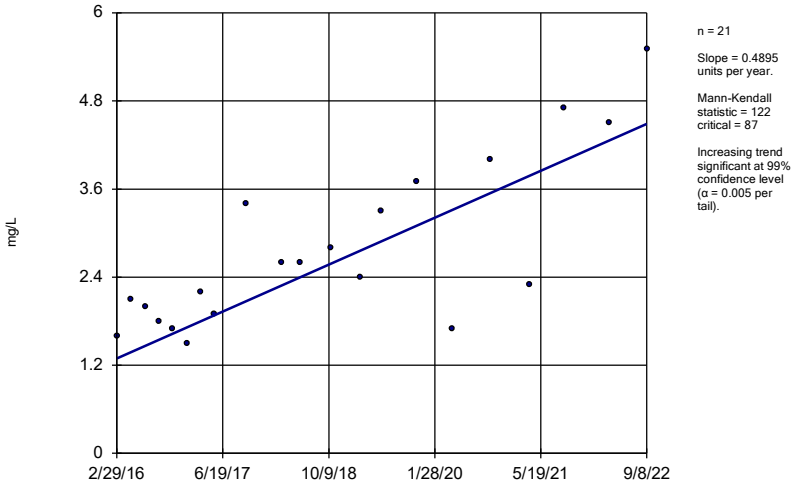
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

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).

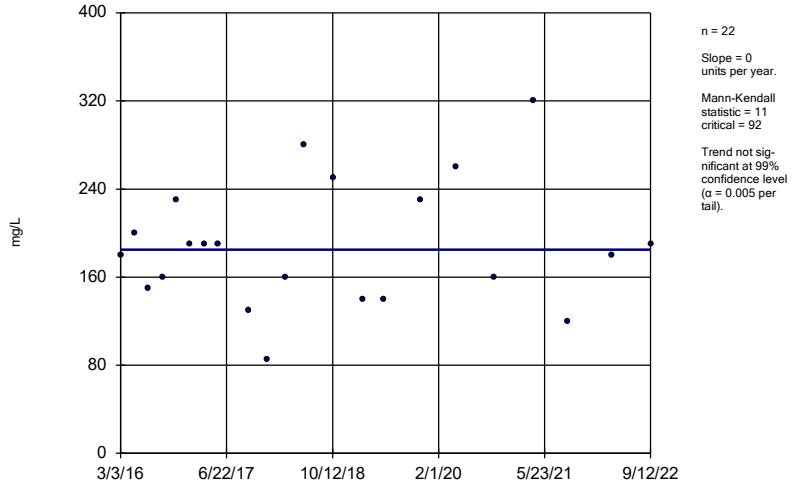
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

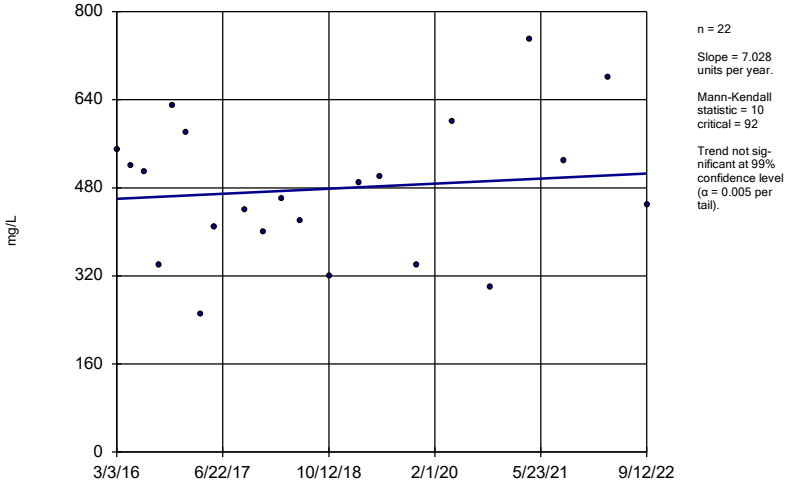
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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

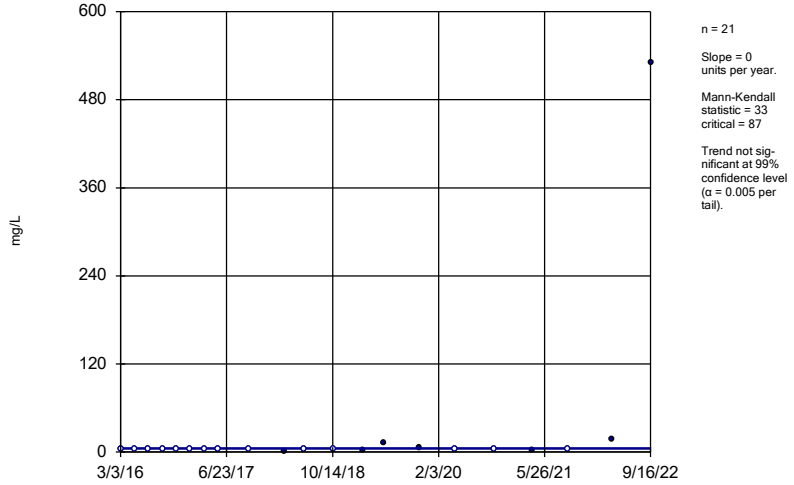
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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).

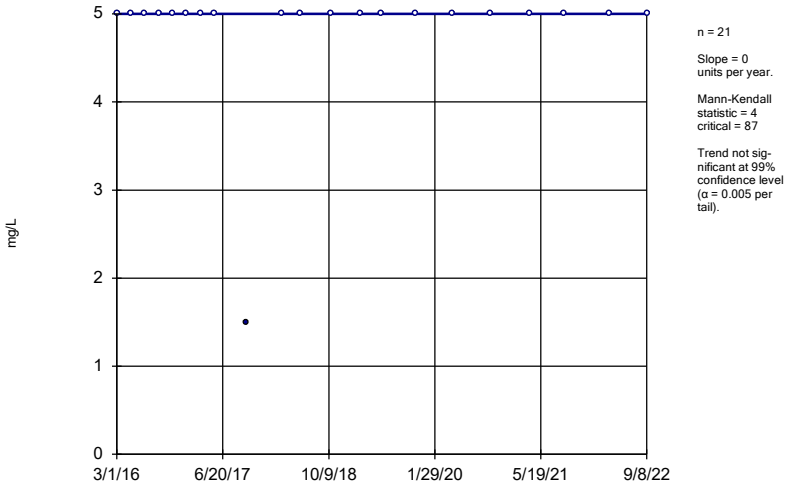
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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 significant at 99% confidence level (α = 0.005 per tail).

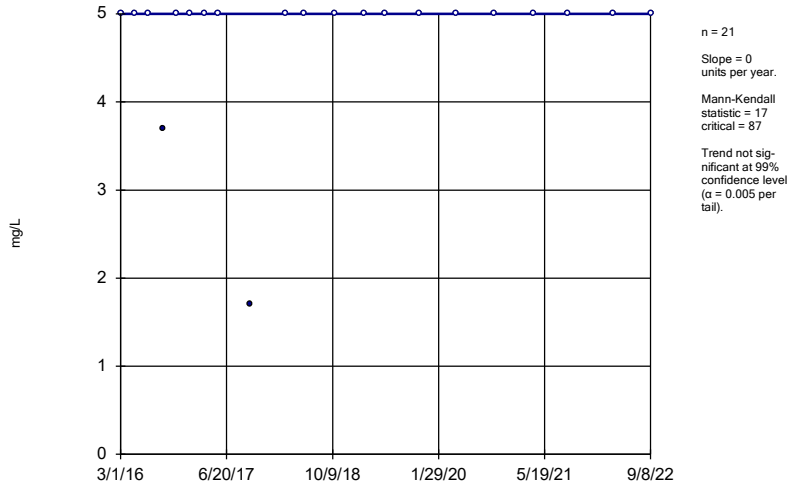
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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-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).

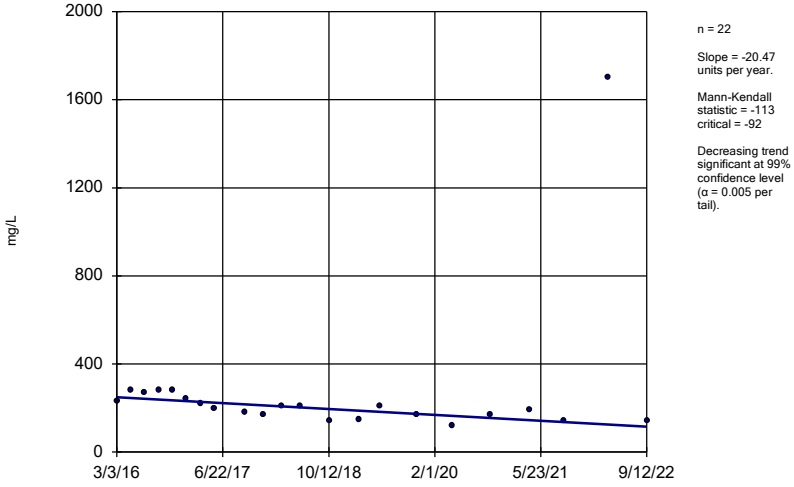
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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).

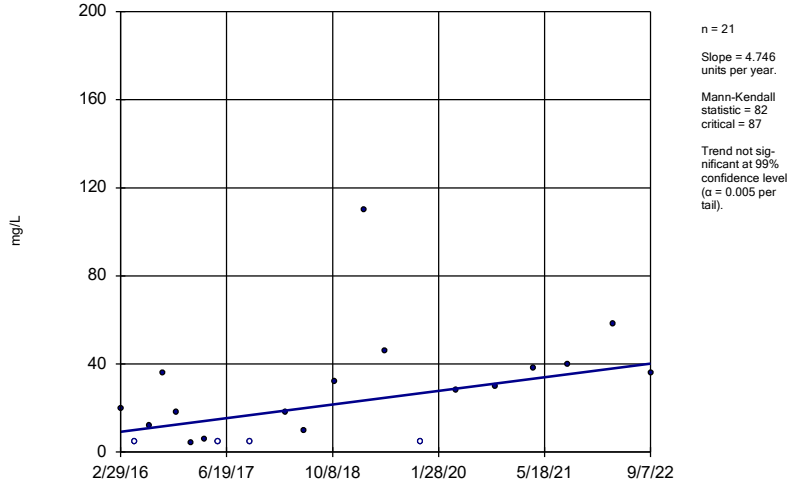
Constituent: Sulfate Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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 significant at 99% confidence level (α = 0.005 per tail).

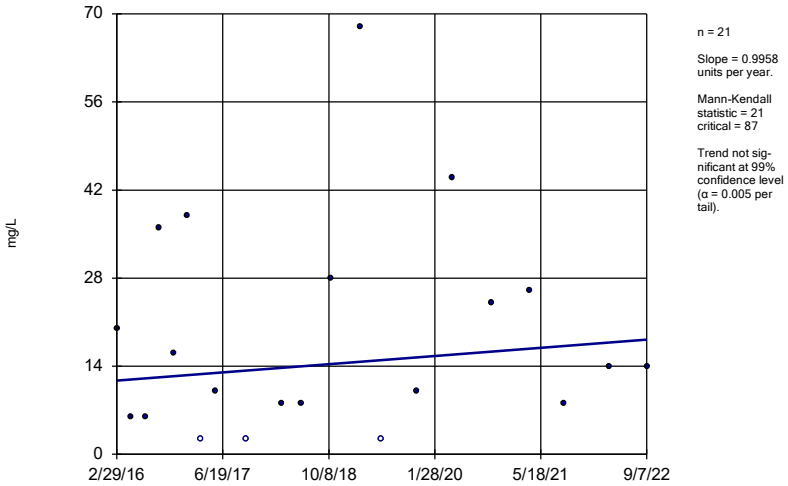
Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:56 AM View: 300 Series - Trend Test

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-101 (bg)



n = 21

Slope = 0.9958 units per year.

Mann-Kendall statistic = 21
critical = 87

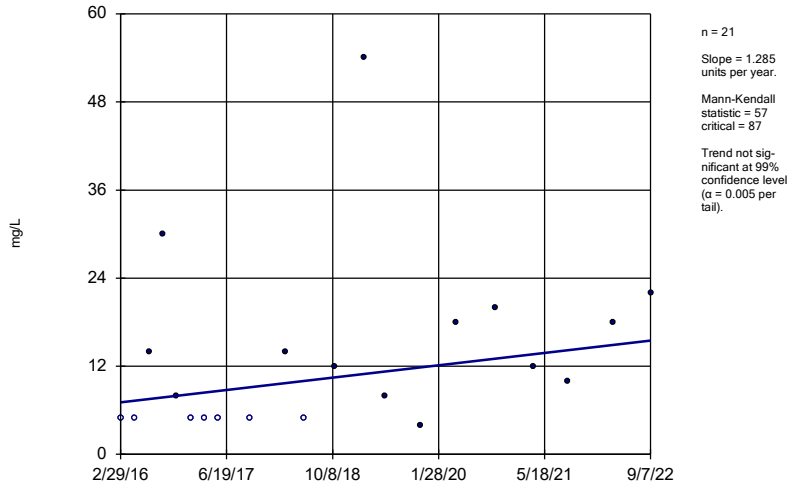
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

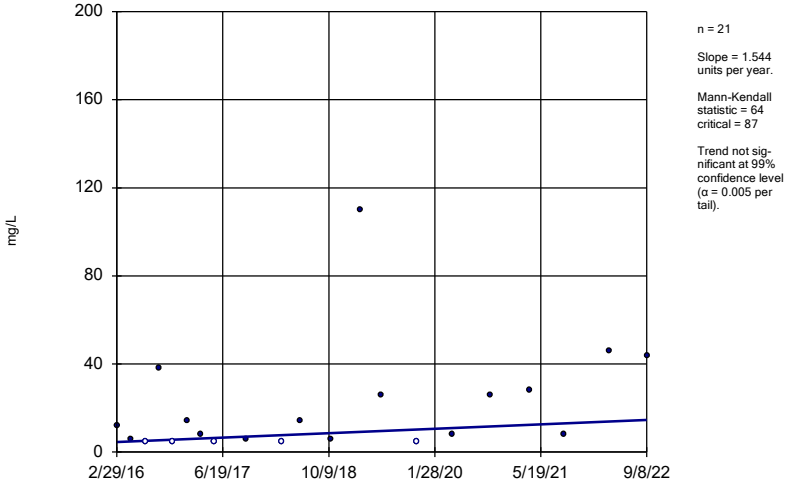
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

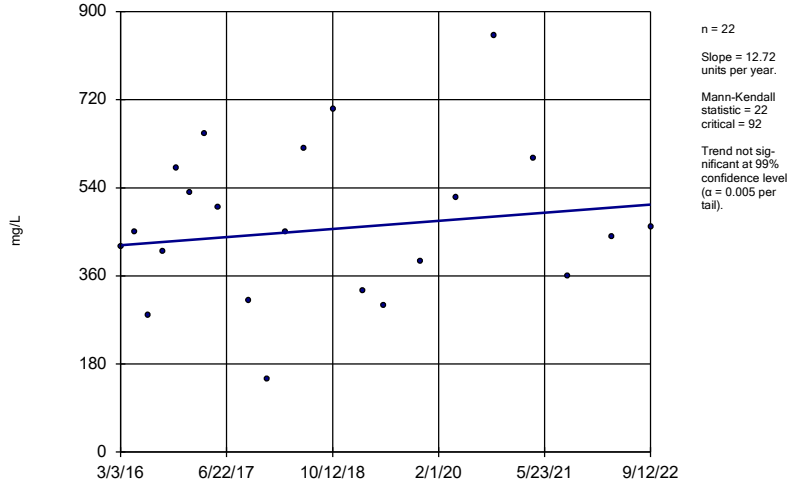
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

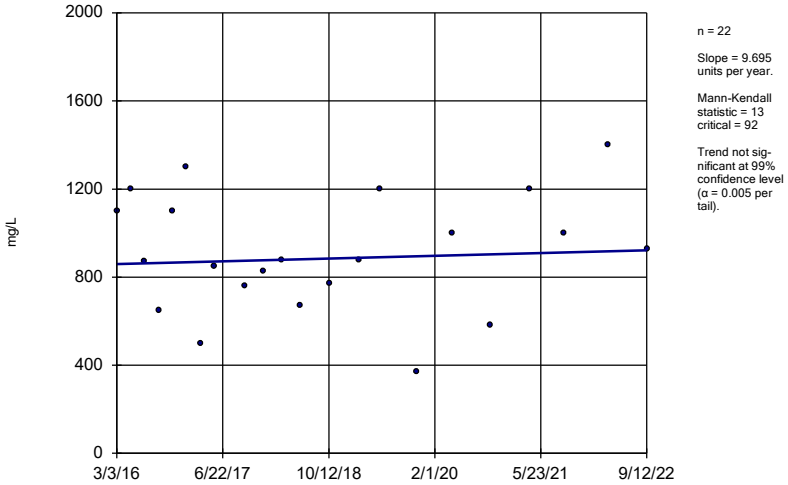
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

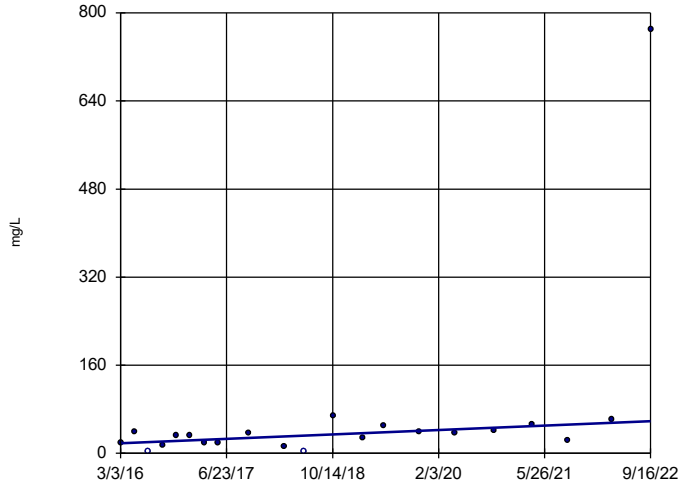
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

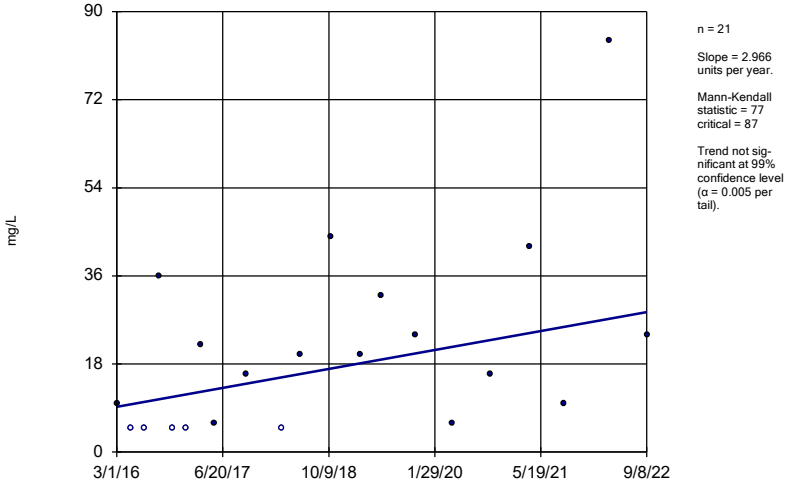
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

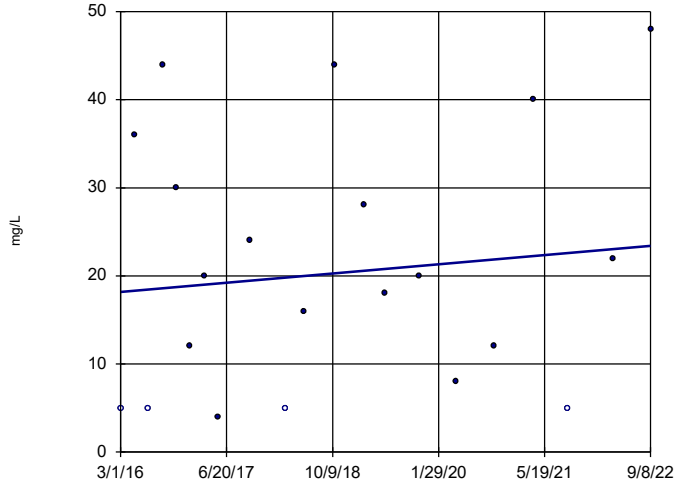
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

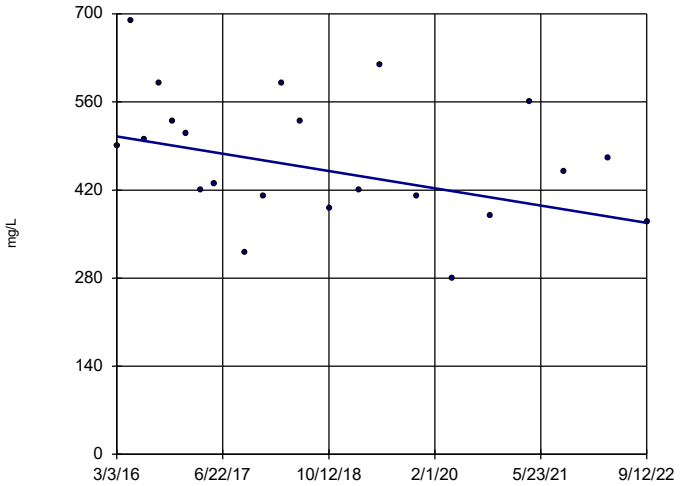
Trend not significant at 99% confidence level (α = 0.005 per tail).

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

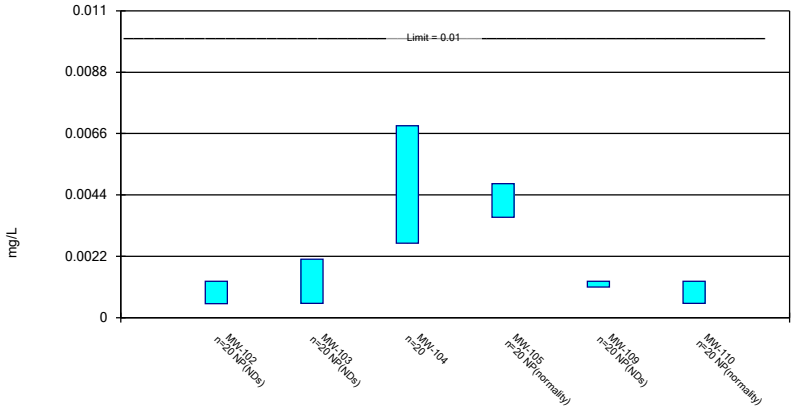
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 1:39 PM

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.

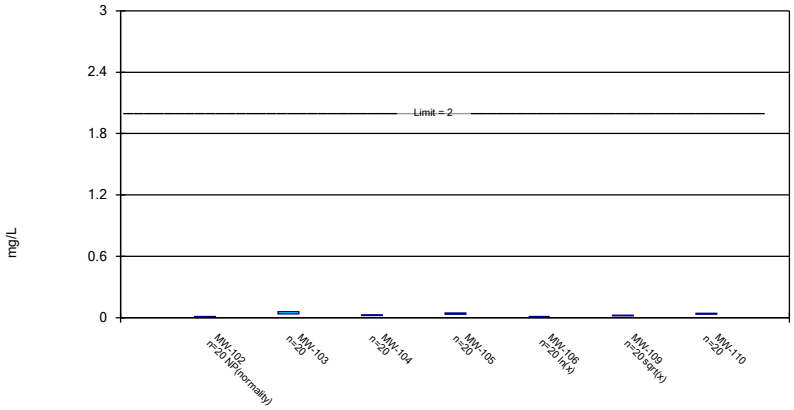


Constituent: Arsenic Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

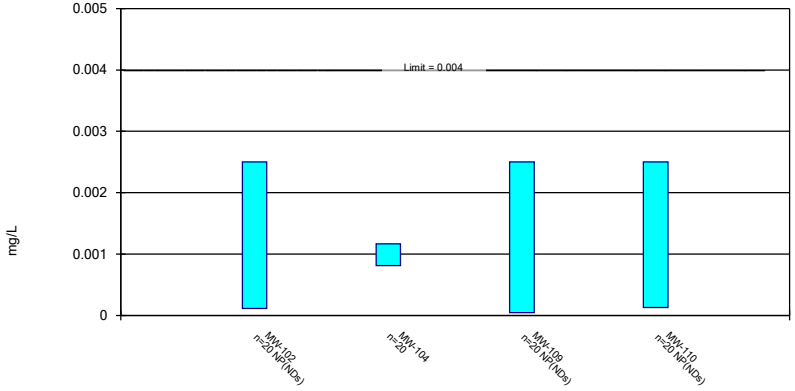


Constituent: Barium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

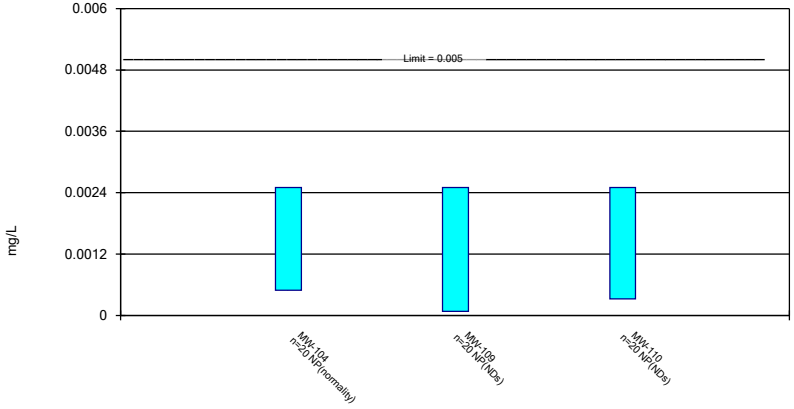


Constituent: Beryllium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

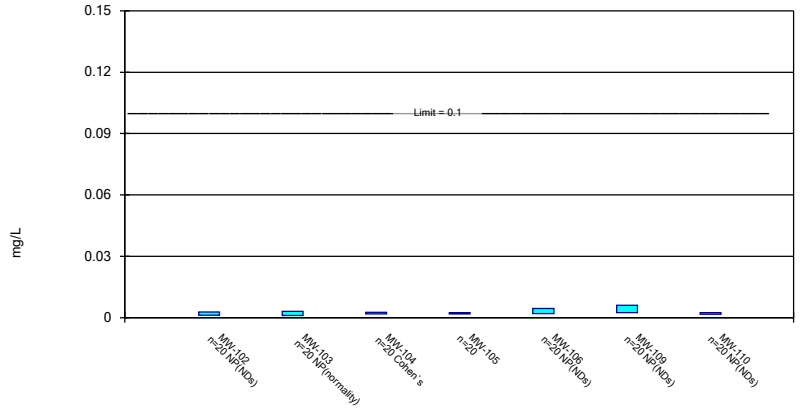


Constituent: Cadmium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.



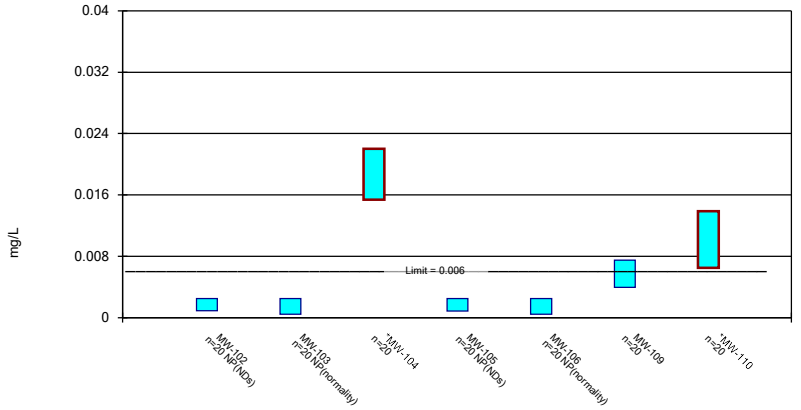
Constituent: Chromium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals

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.



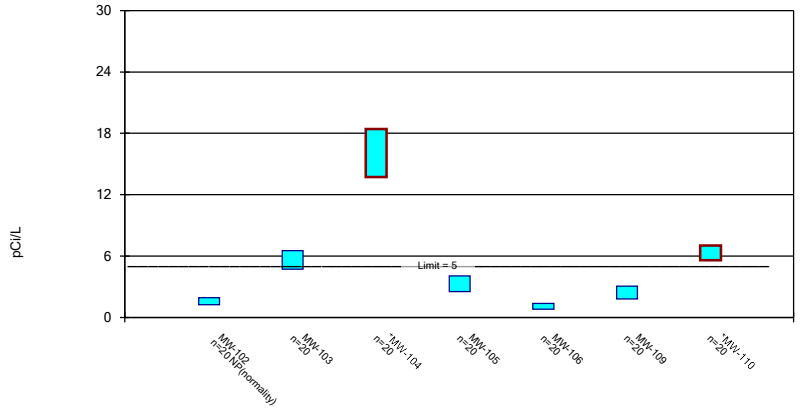
Constituent: Cobalt Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals

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.



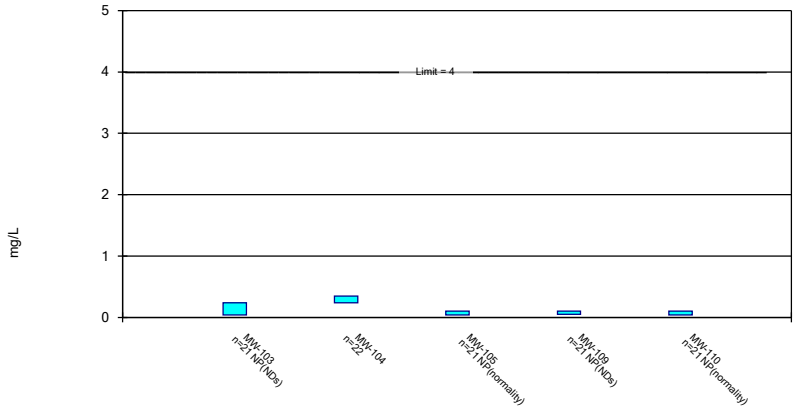
Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence

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.



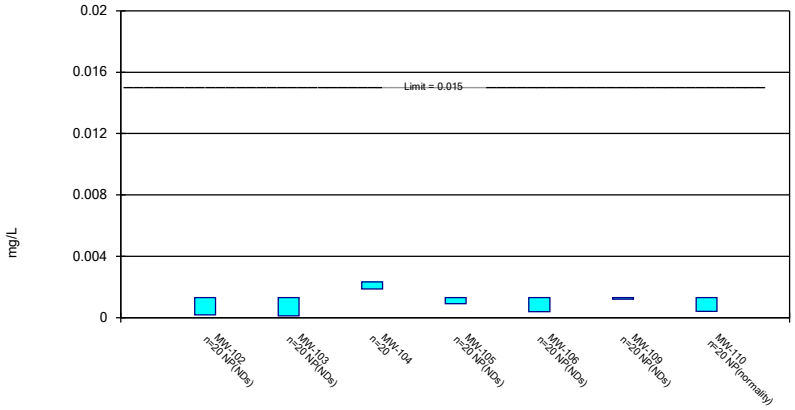
Constituent: Fluoride Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals

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.

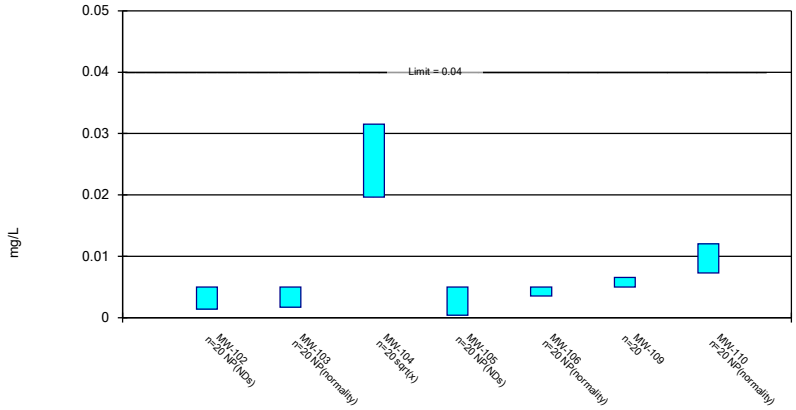


Constituent: Lead Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

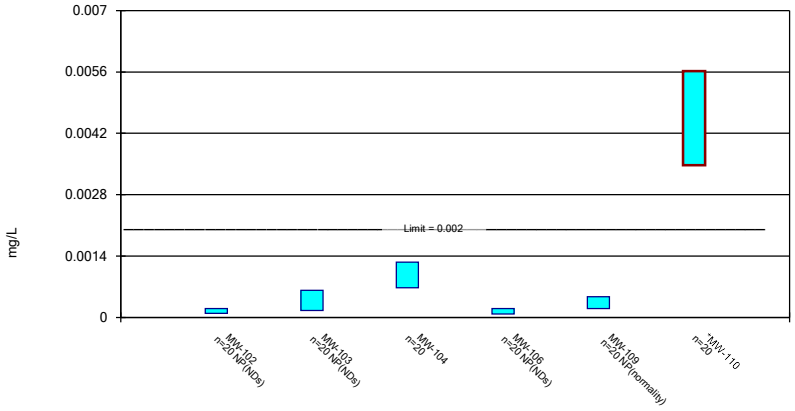


Constituent: Lithium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

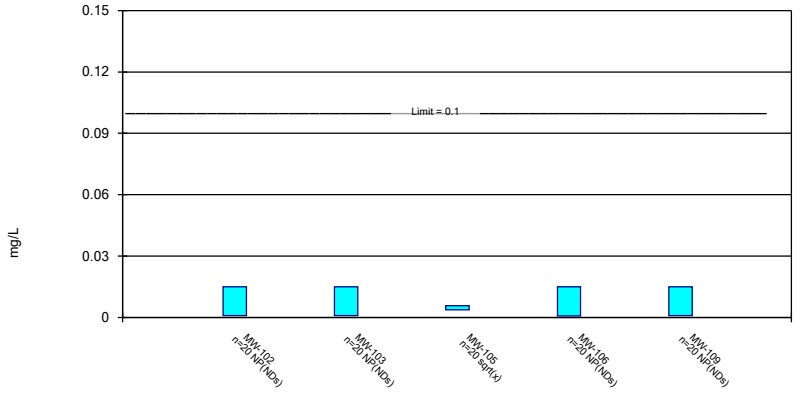


Constituent: Mercury Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

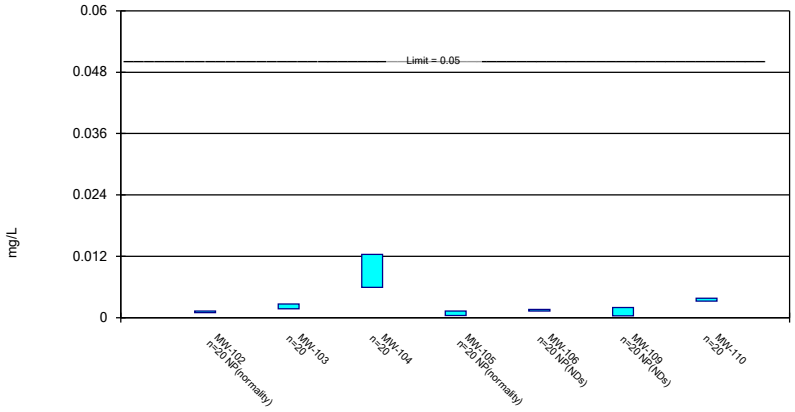
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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.

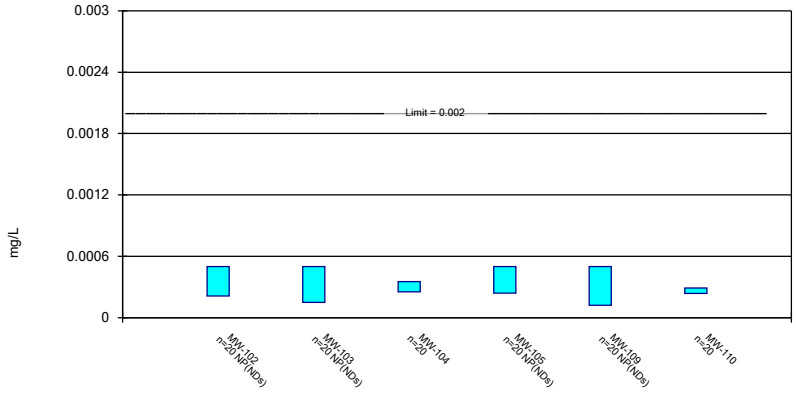


Constituent: Selenium Analysis Run 1/13/2023 1:37 PM View: 100 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.**

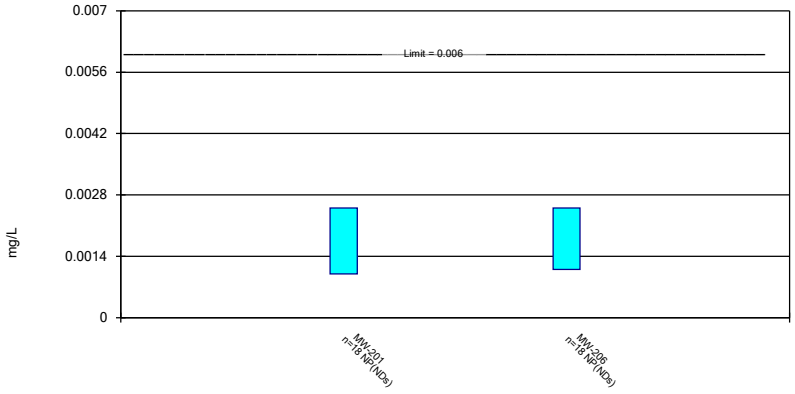
Confidence Interval Summary Table - 200 Series - All Results

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.

Non-Parametric Confidence Interval

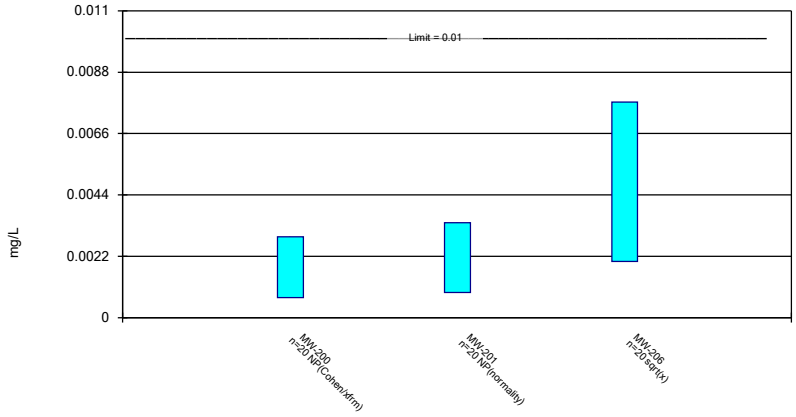
Compliance Limit is not exceeded. Per-well alpha = 0.01.



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

Parametric and Non-Parametric (NP) Confidence Interval

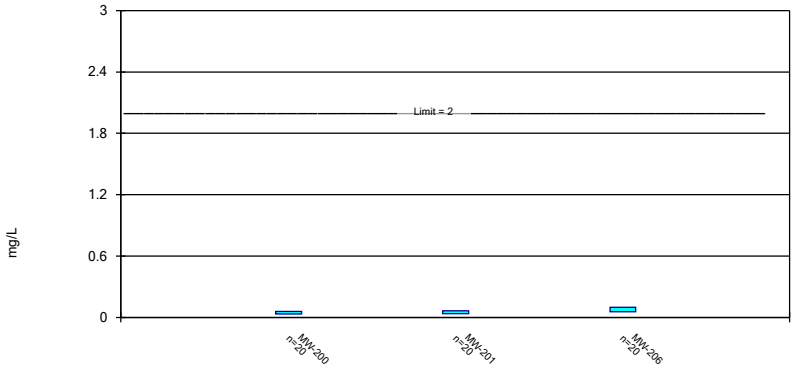
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

Parametric Confidence Interval

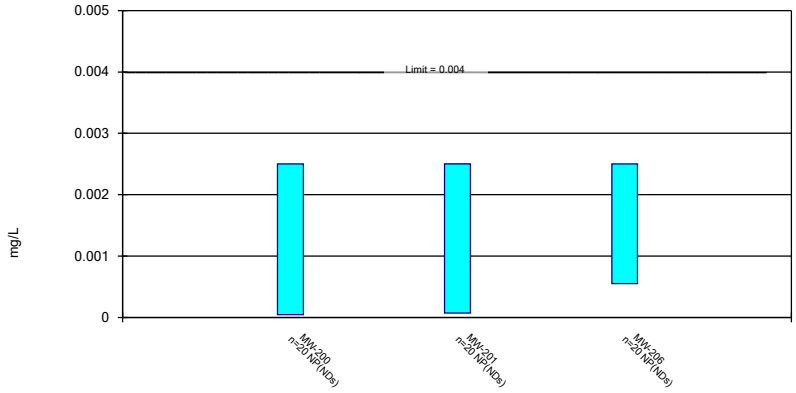
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

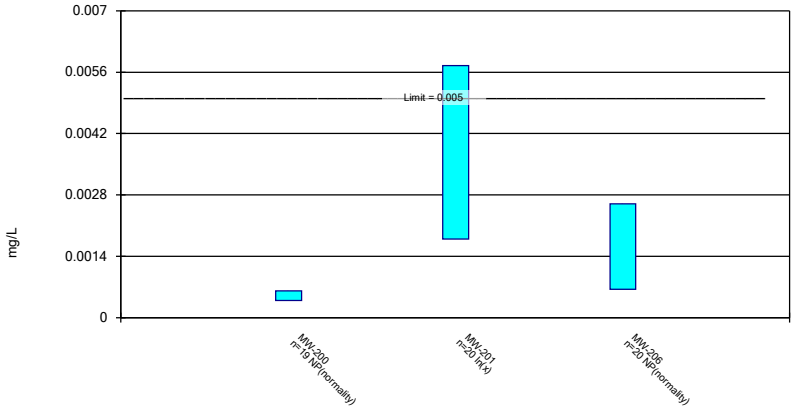


Constituent: Beryllium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

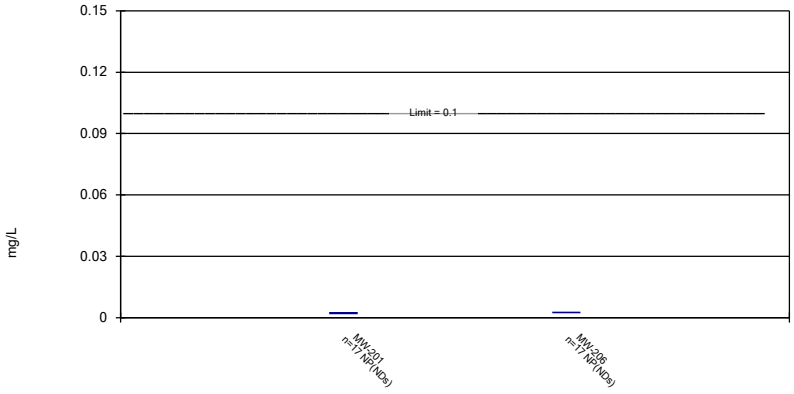


Constituent: Cadmium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

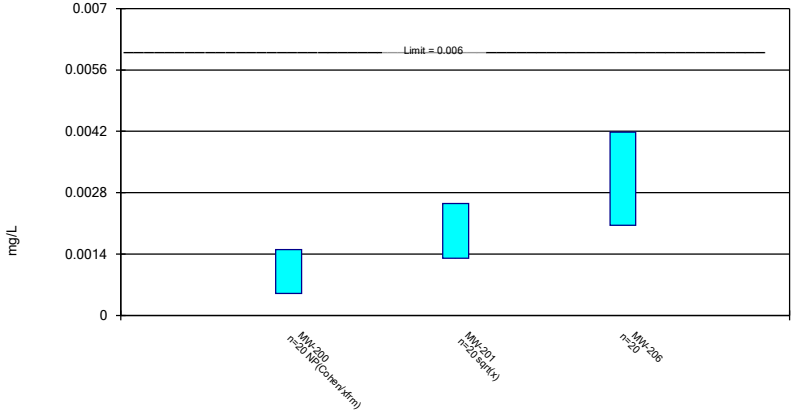


Constituent: Chromium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

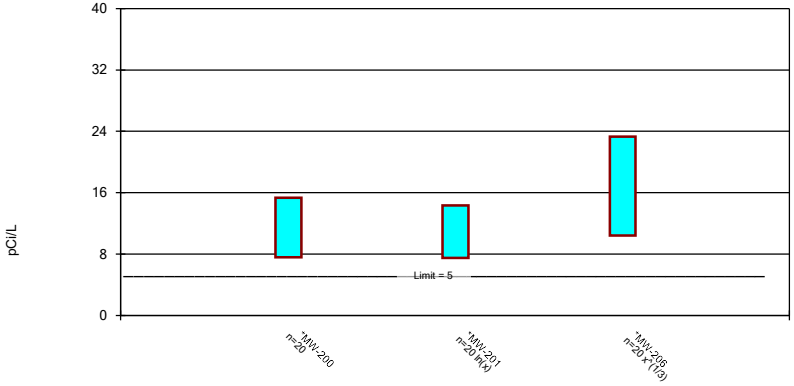


Constituent: Cobalt Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

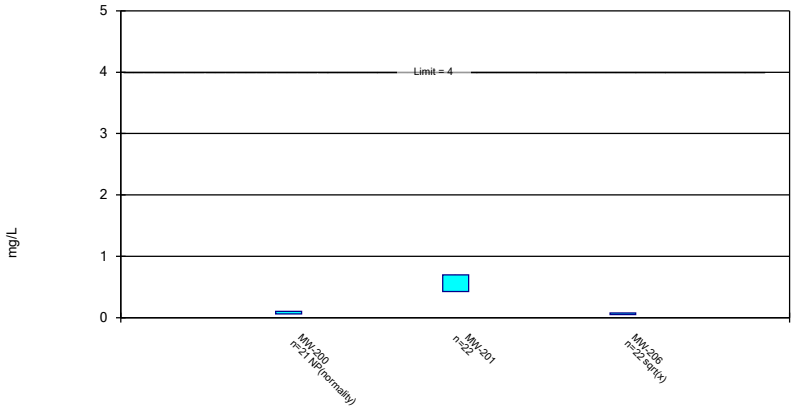


Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

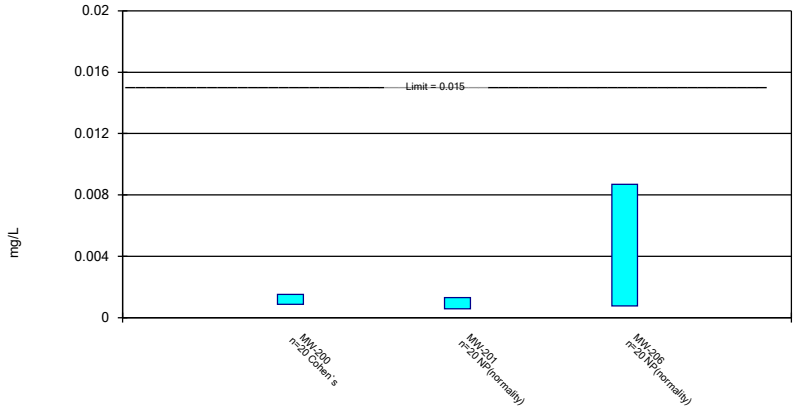


Constituent: Fluoride Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

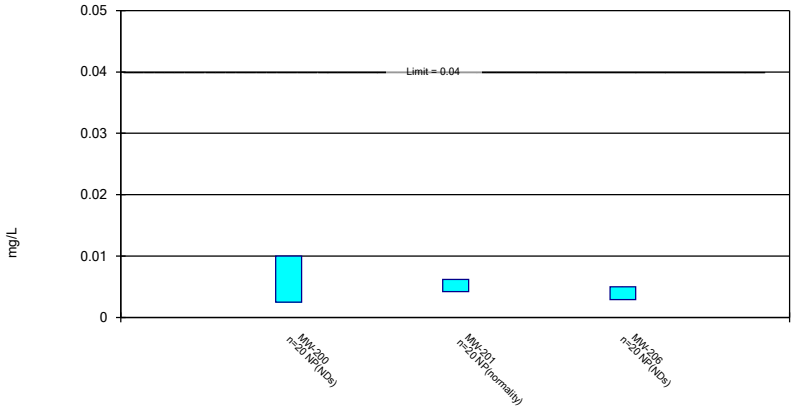


Constituent: Lead Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

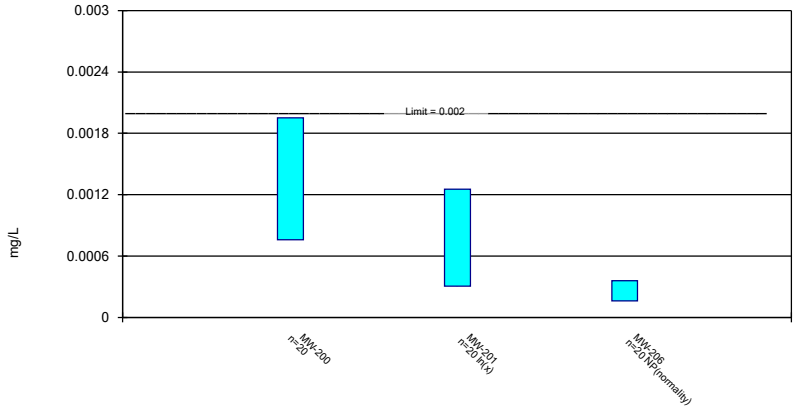


Constituent: Lithium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

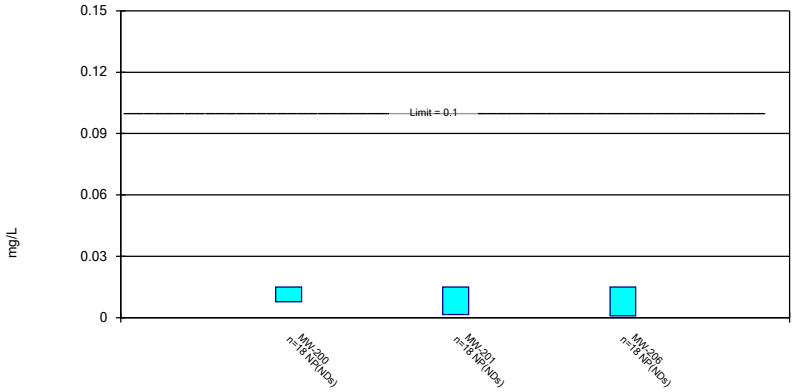


Constituent: Mercury Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

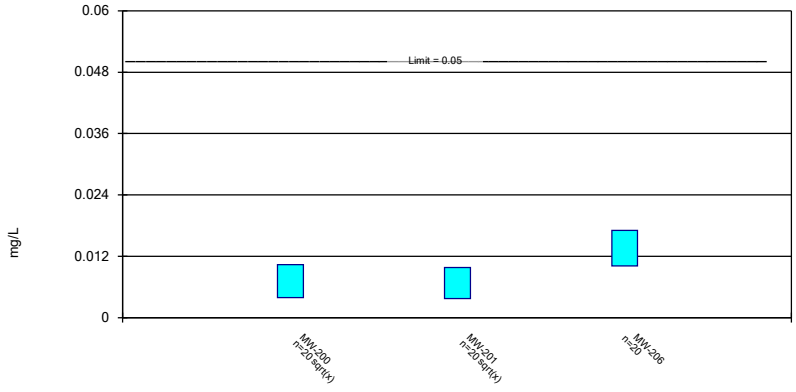


Constituent: Molybdenum Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

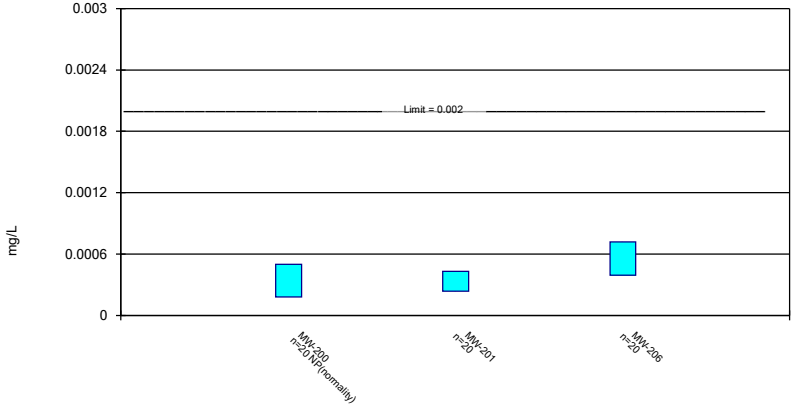


Constituent: Selenium Analysis Run 1/13/2023 1:42 PM View: 200 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

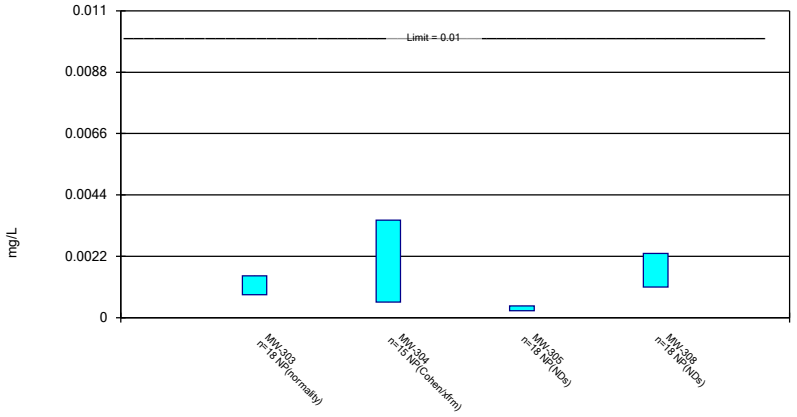
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant Printed 1/13/2023, 2:00 AM

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.

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

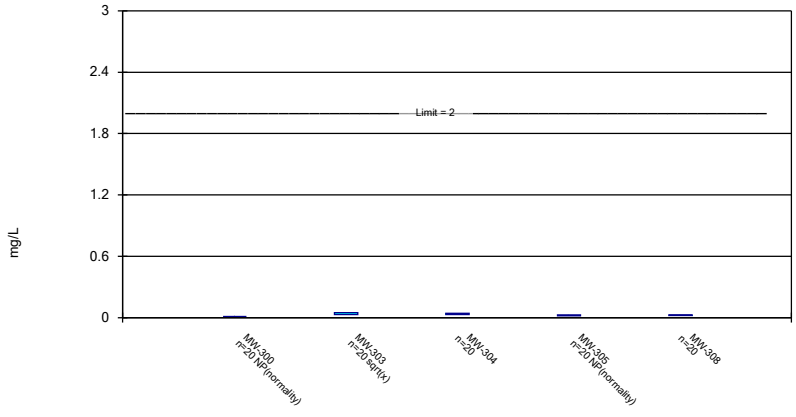


Constituent: Arsenic Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

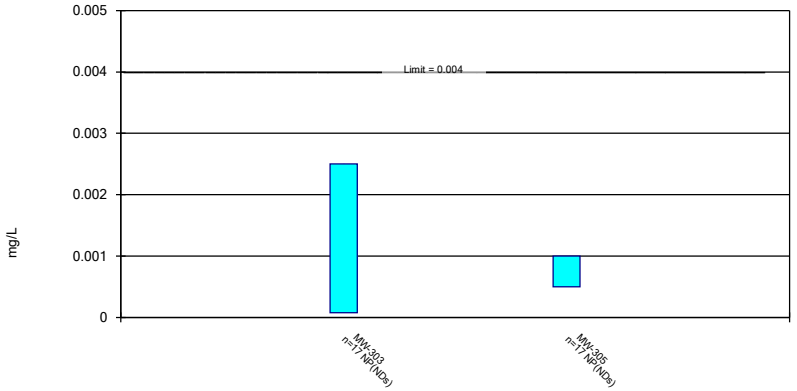


Constituent: Barium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

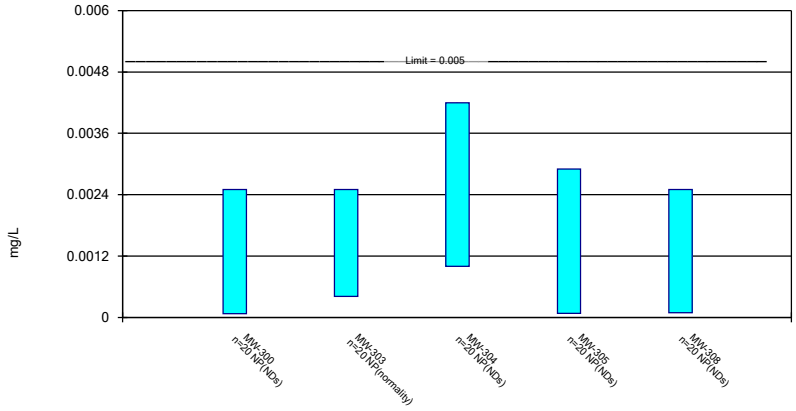


Constituent: Beryllium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

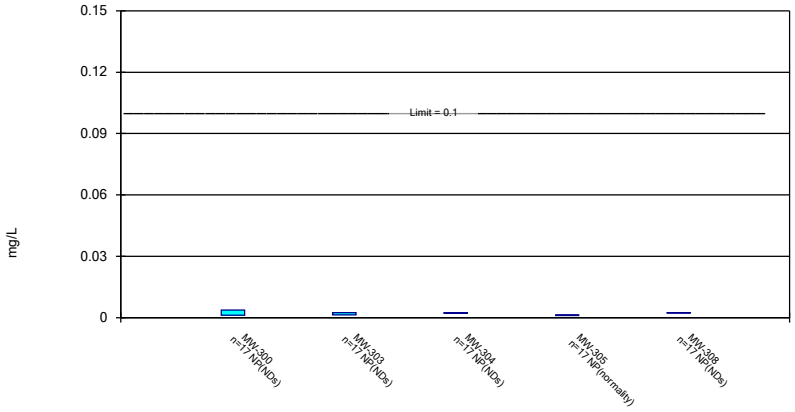


Constituent: Cadmium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

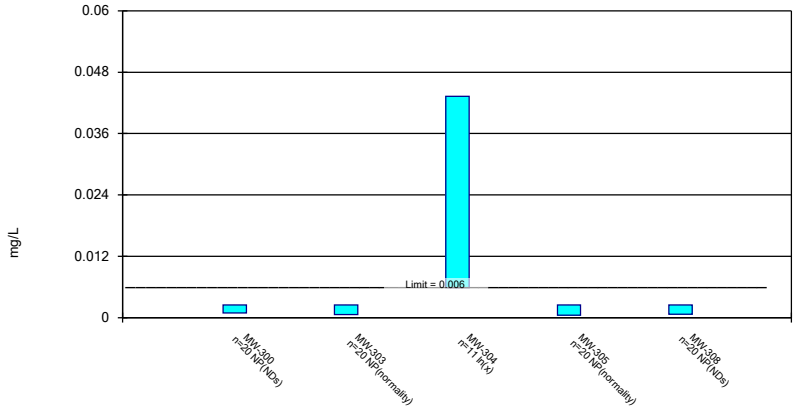


Constituent: Chromium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

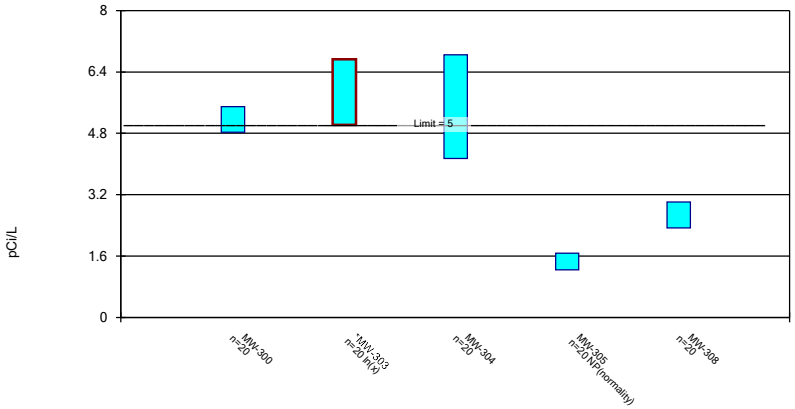


Constituent: Cobalt Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

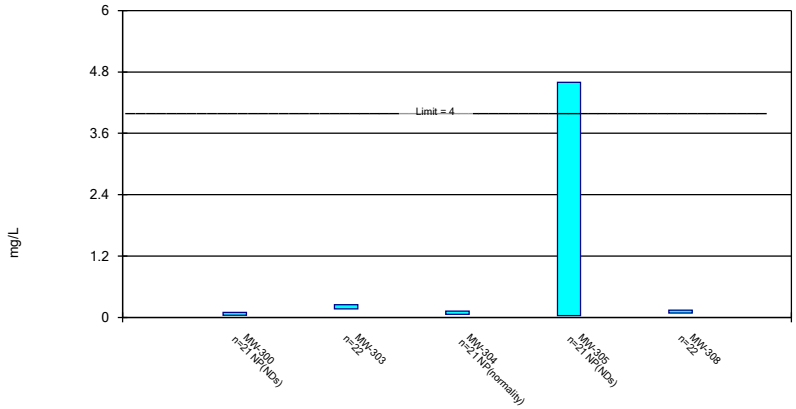


Constituent: Combined Radium 226 + 228 Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

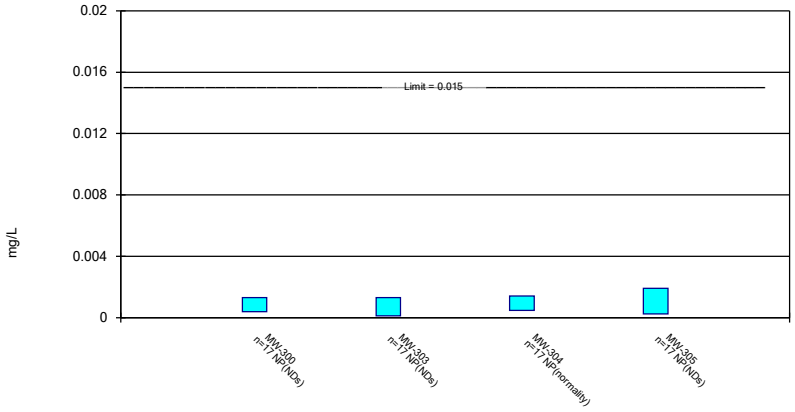


Constituent: Fluoride Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

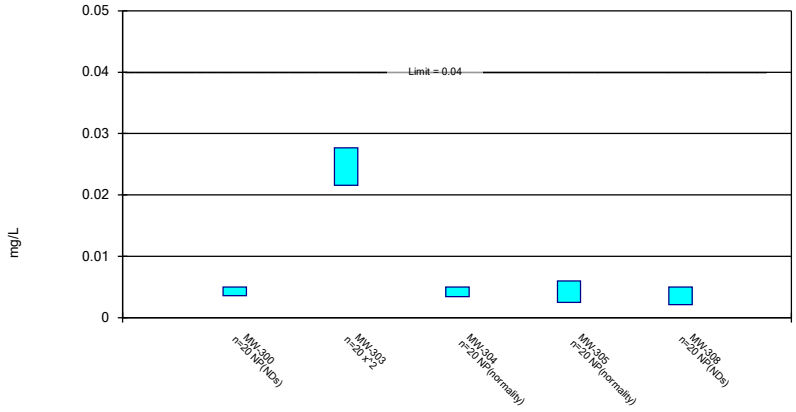


Constituent: Lead Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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.

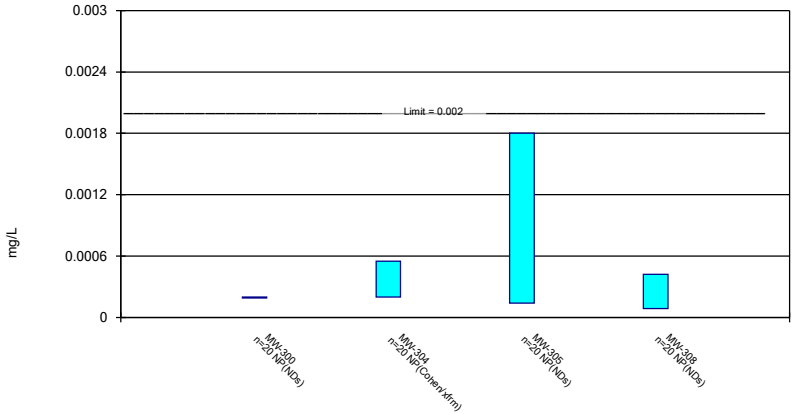


Constituent: Lithium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

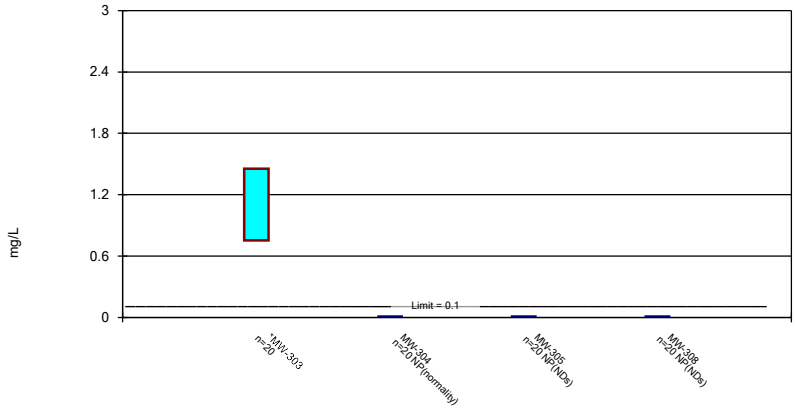


Constituent: Mercury Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Parametric and Non-Parametric (NP) Confidence Interval

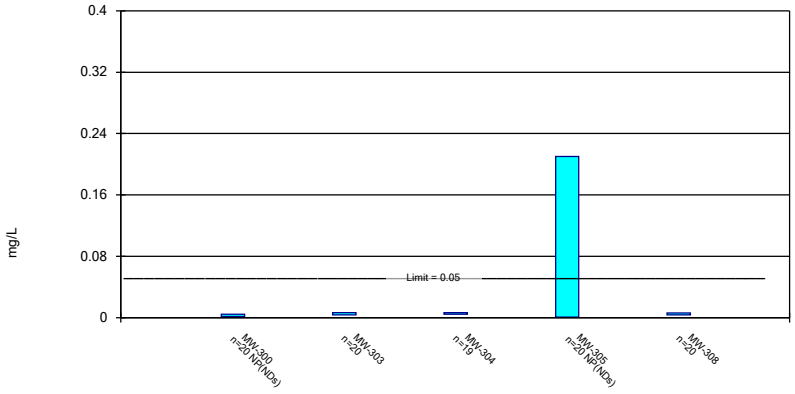
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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.

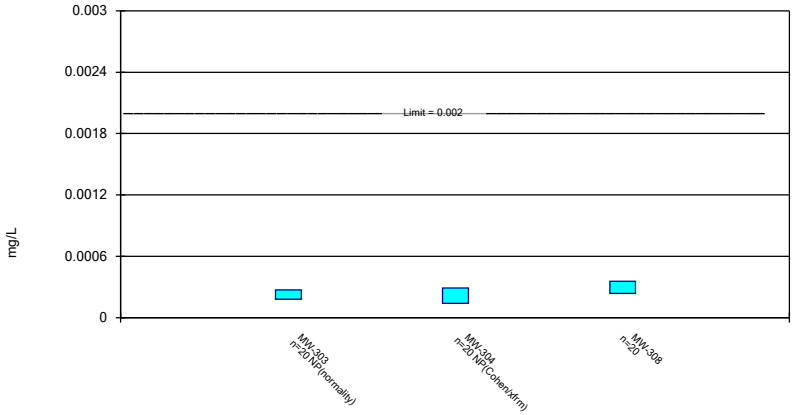


Constituent: Selenium Analysis Run 1/13/2023 1:59 AM View: 300 Series Confidence Intervals
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

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

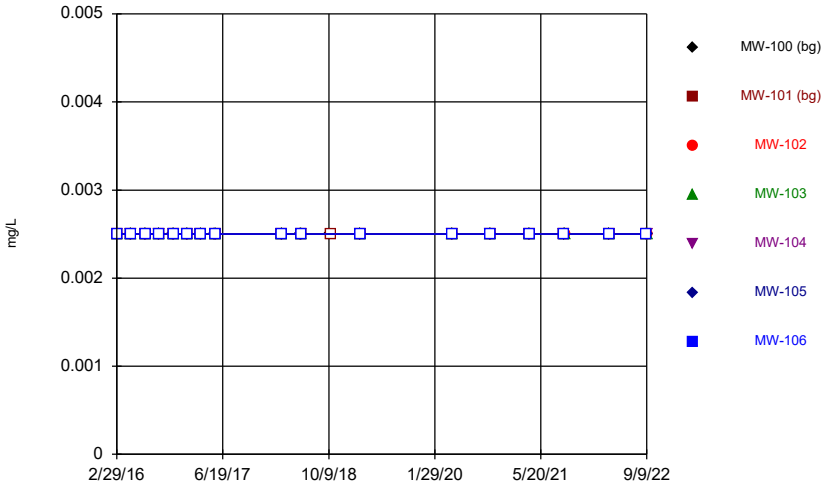
ND substitution: RL or RL/2 if <15% NDs.

Time Series - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

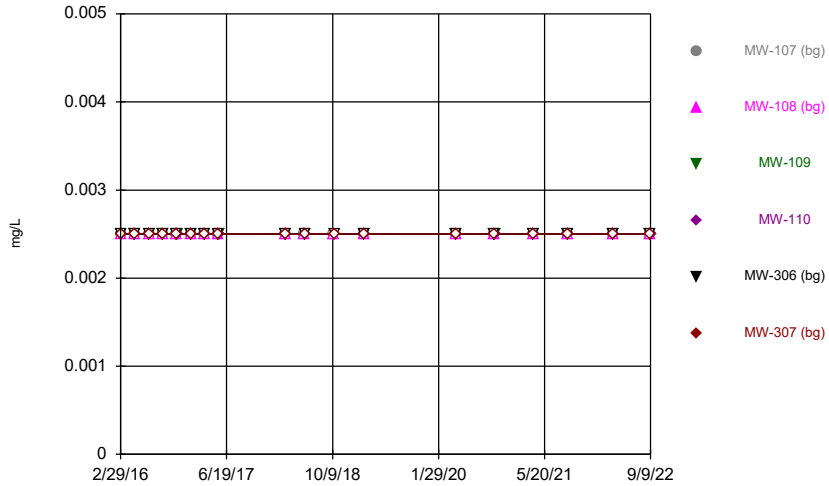
Time Series



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.

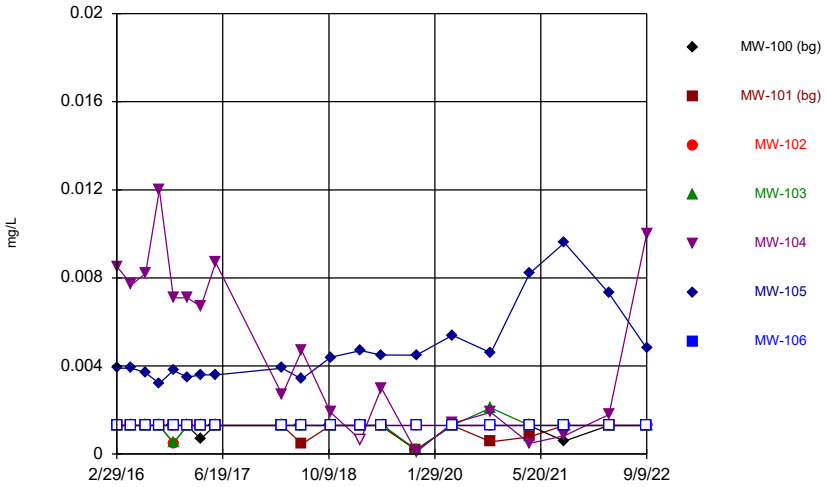
Time Series



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.

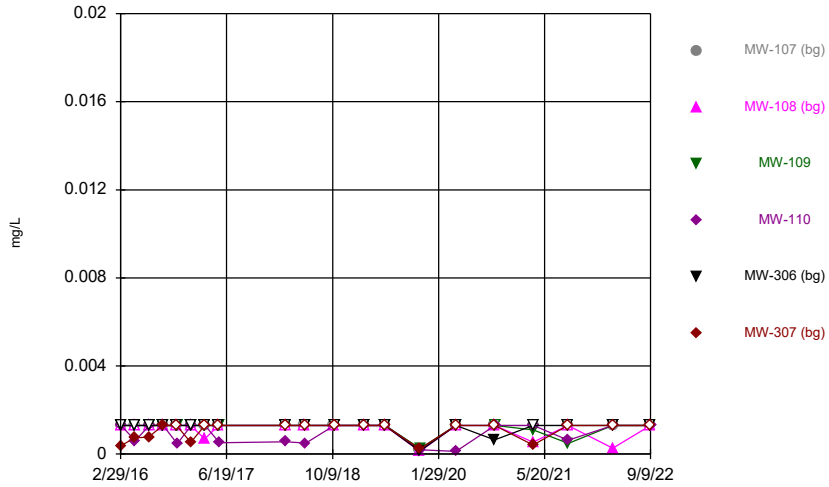
Time Series



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.

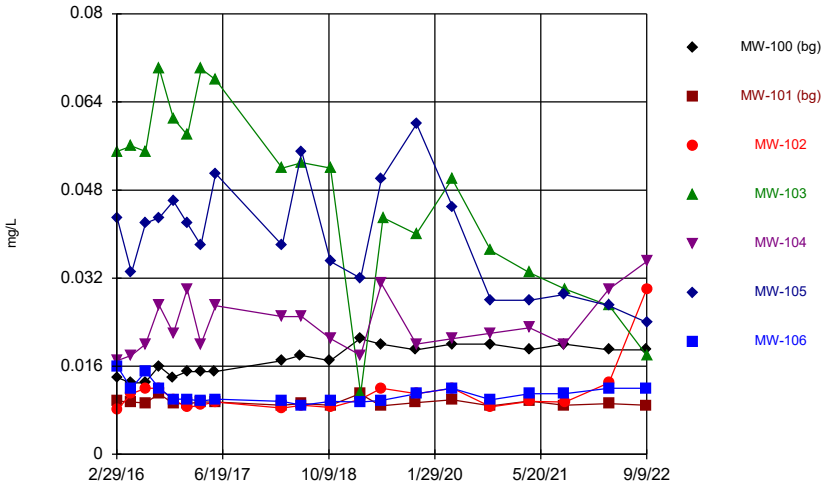
Time Series



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

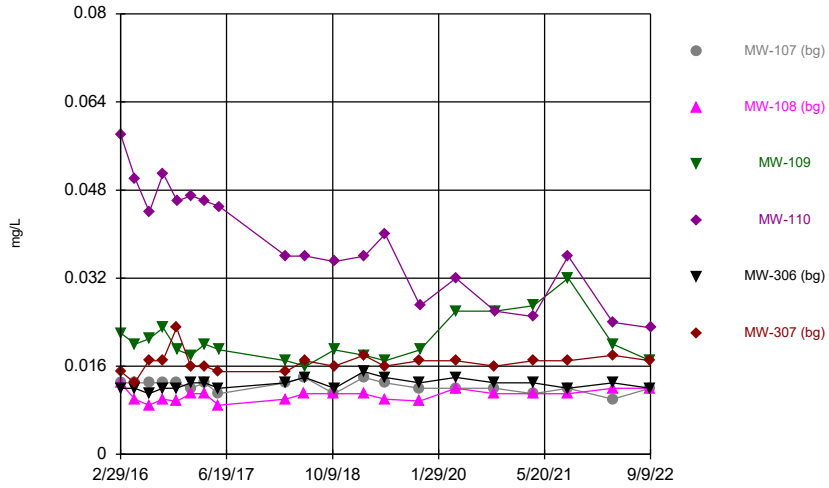
Time Series



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

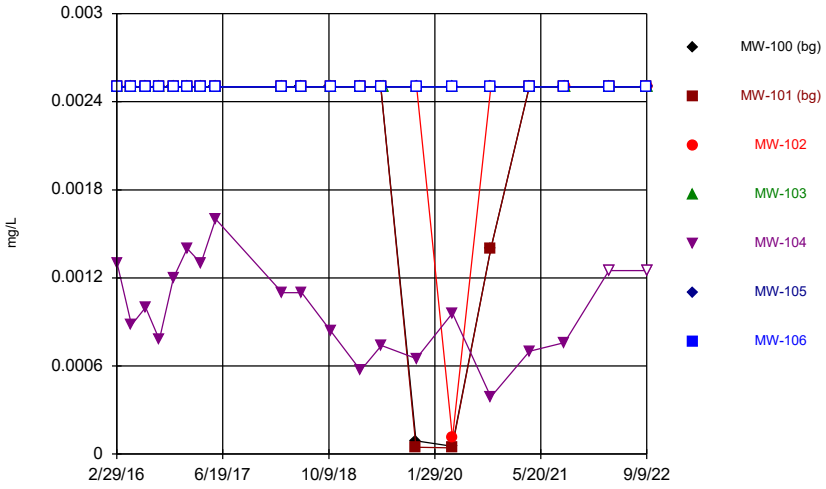
Time Series



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.

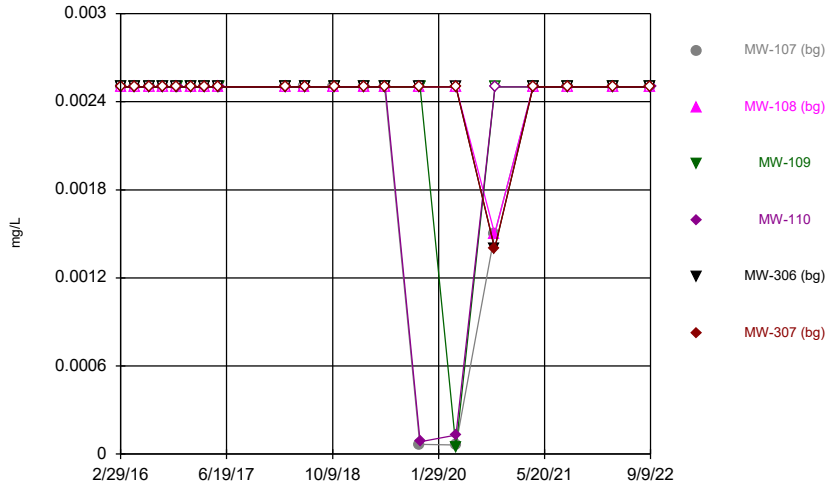
Time Series



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



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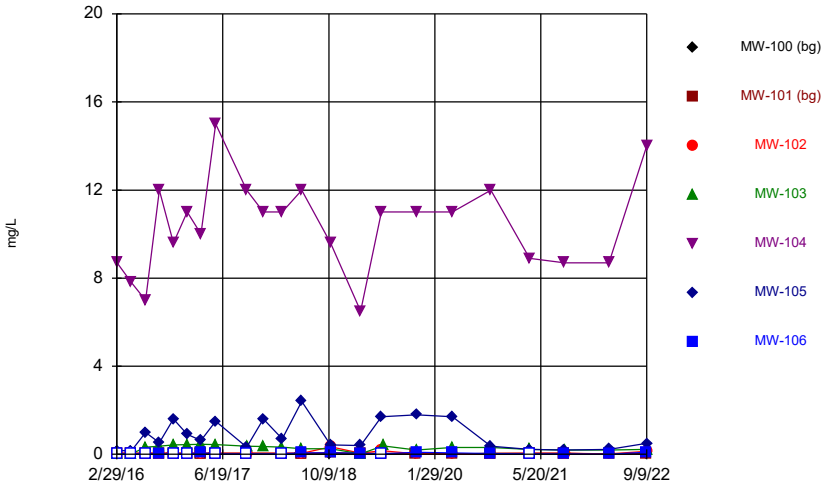
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

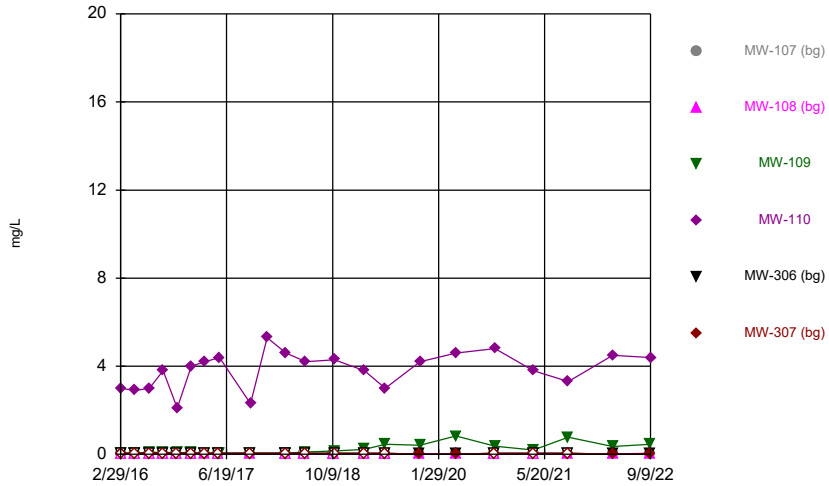
Time Series



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.

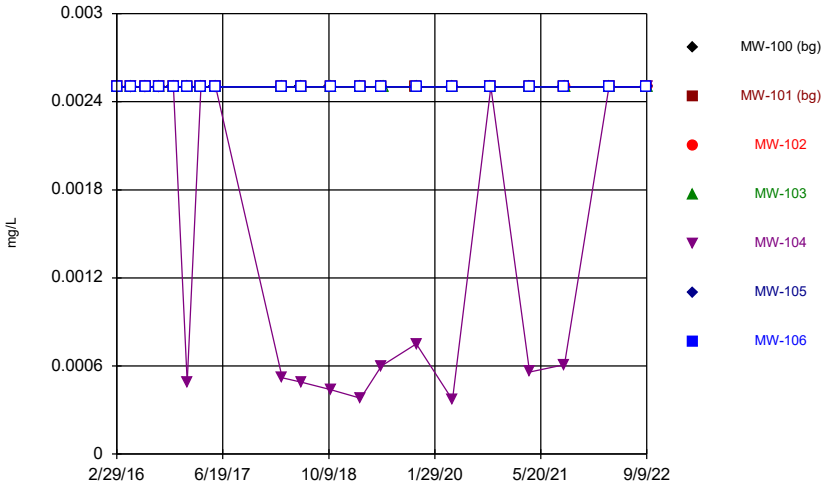
Time Series



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.

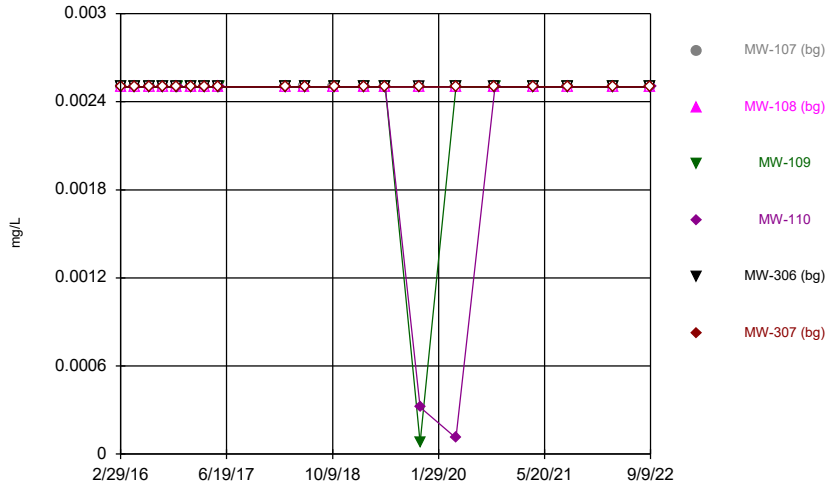
Time Series



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.

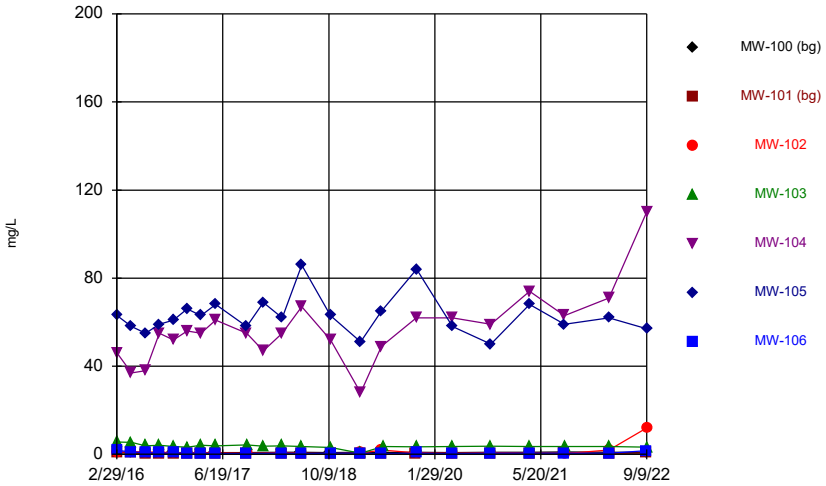
Time Series



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

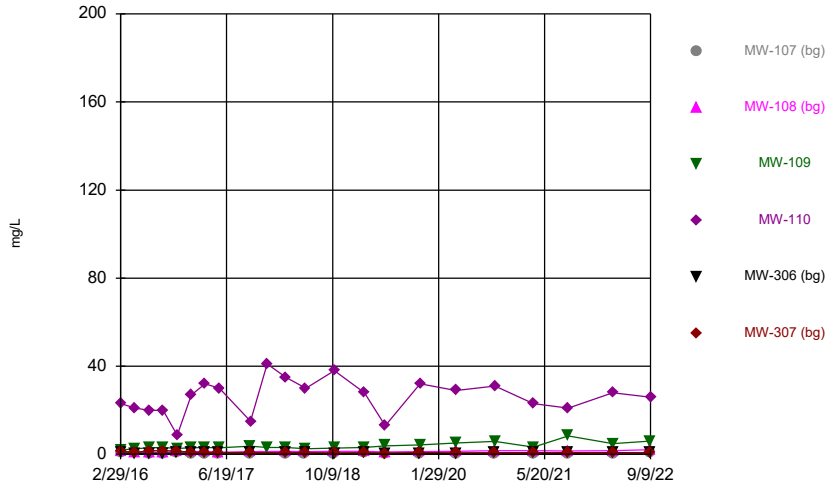


Constituent: Calcium Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Time Series

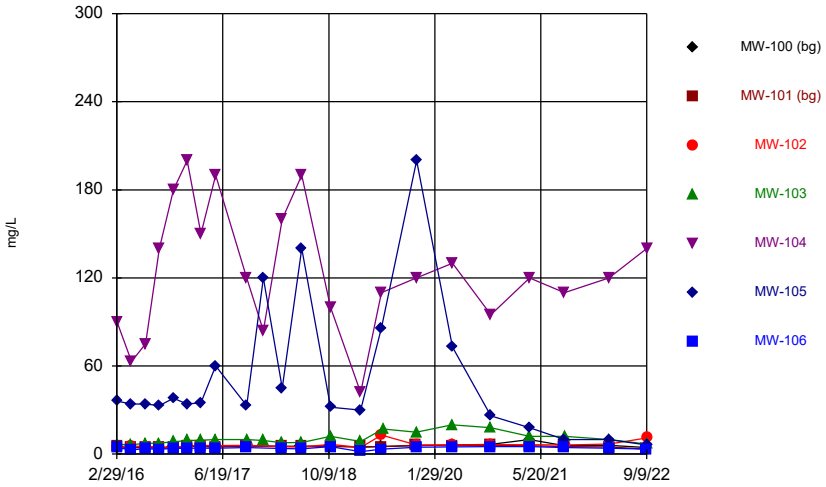


Constituent: Calcium Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Time Series

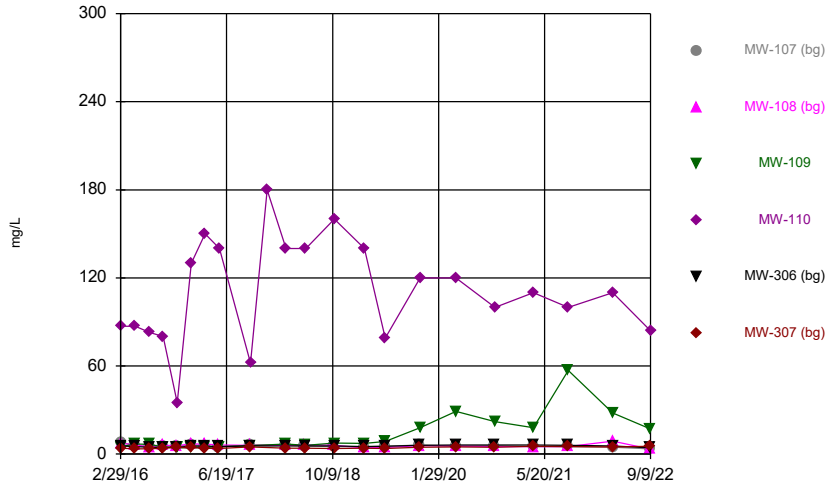


Constituent: Chloride Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Time Series

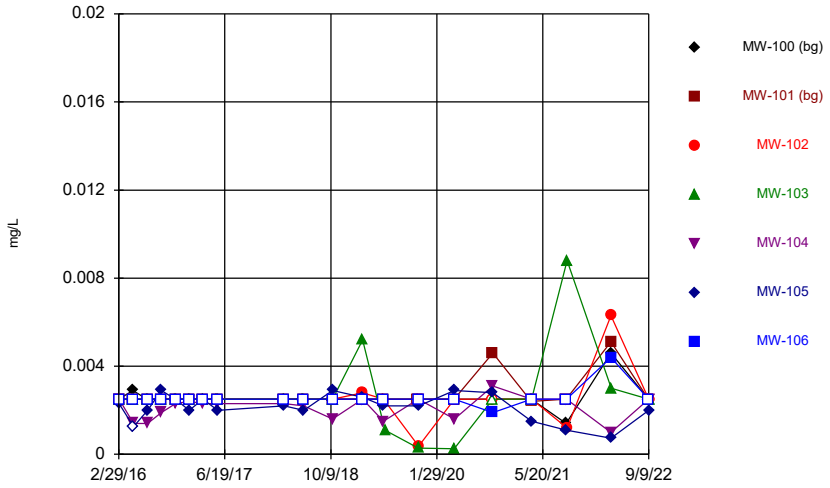


Constituent: Chloride Analysis Run 1/12/2023 10:46 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG
Hollow symbols indicate censored values.

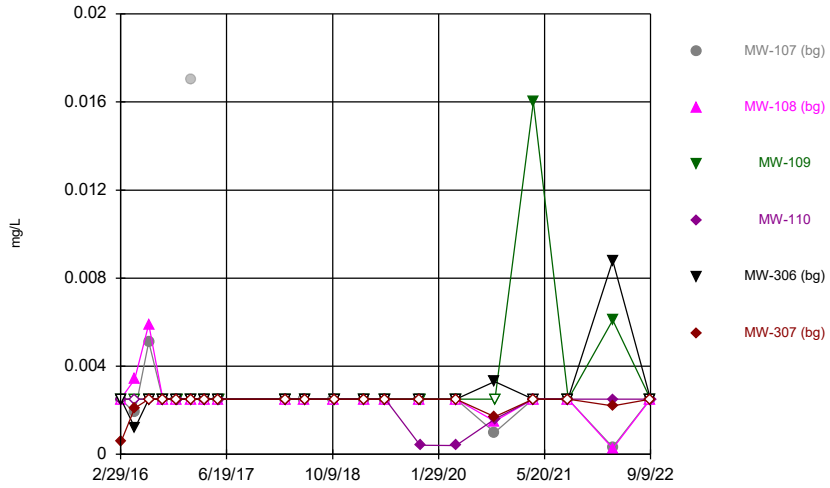
Time Series



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.

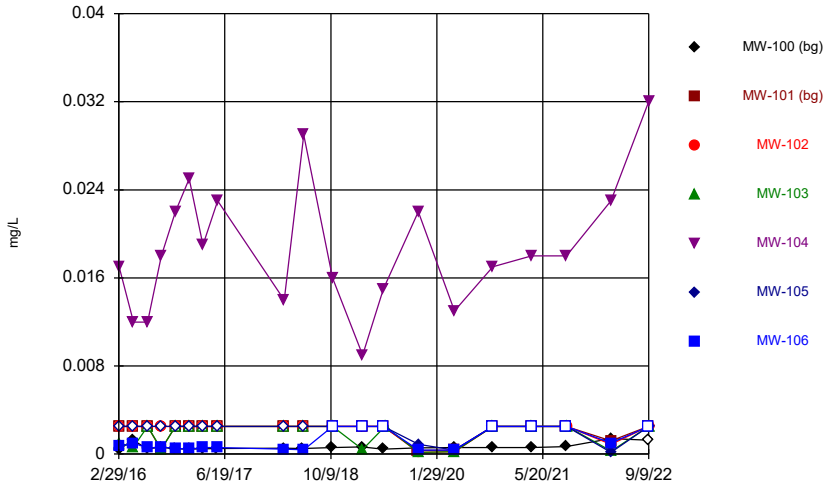
Time Series



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.

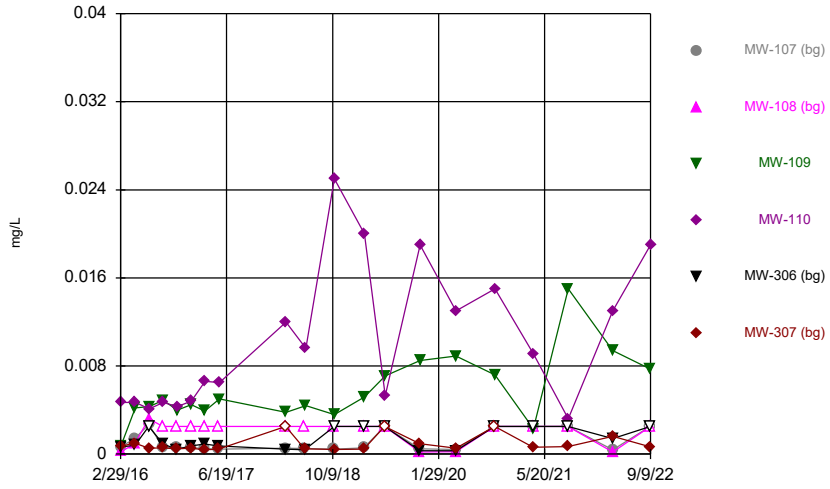
Time Series



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.

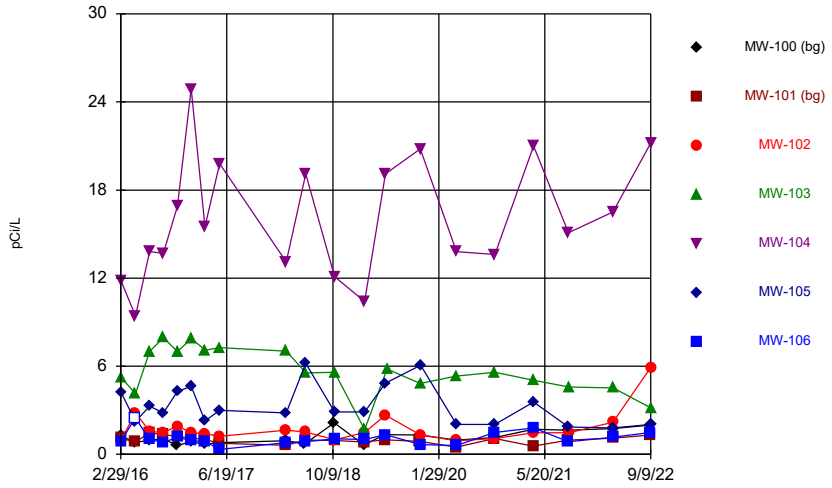
Time Series



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.

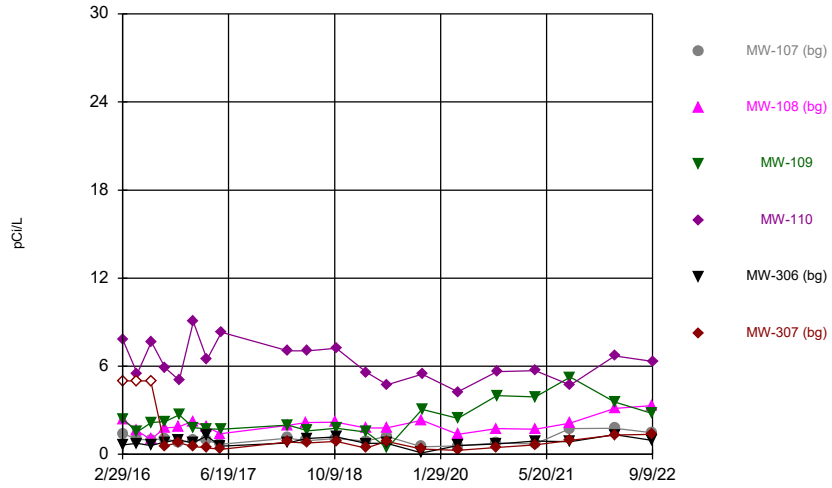
Time Series



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.

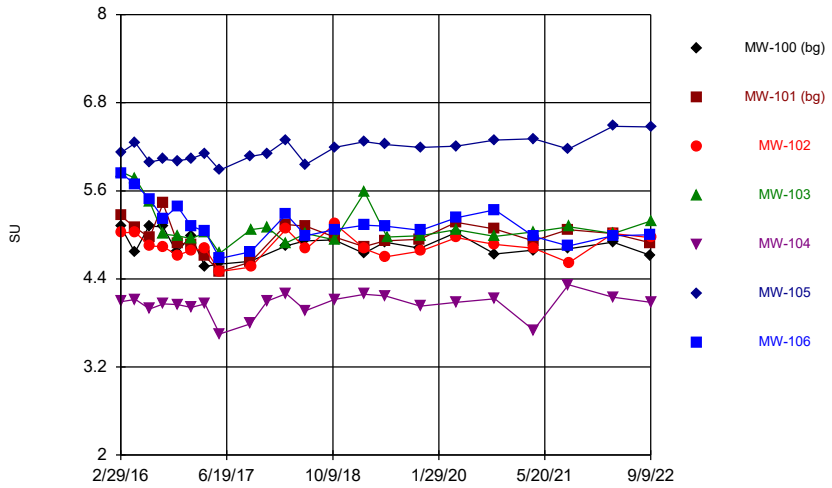
Time Series



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

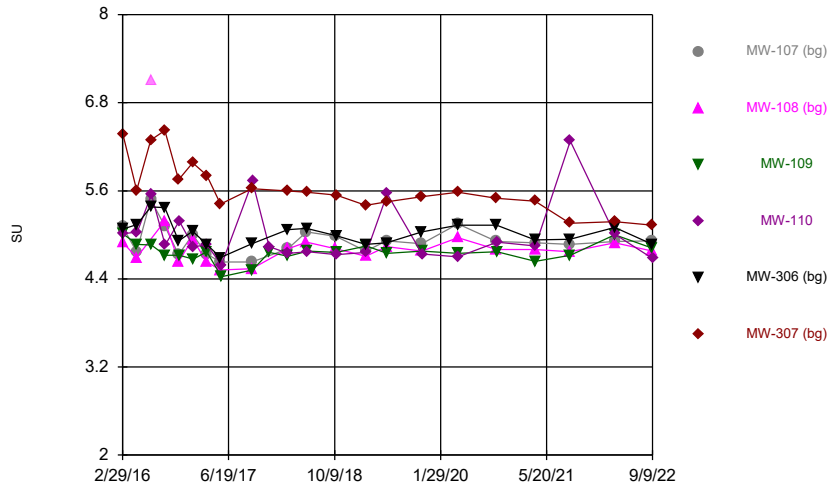
Time Series



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

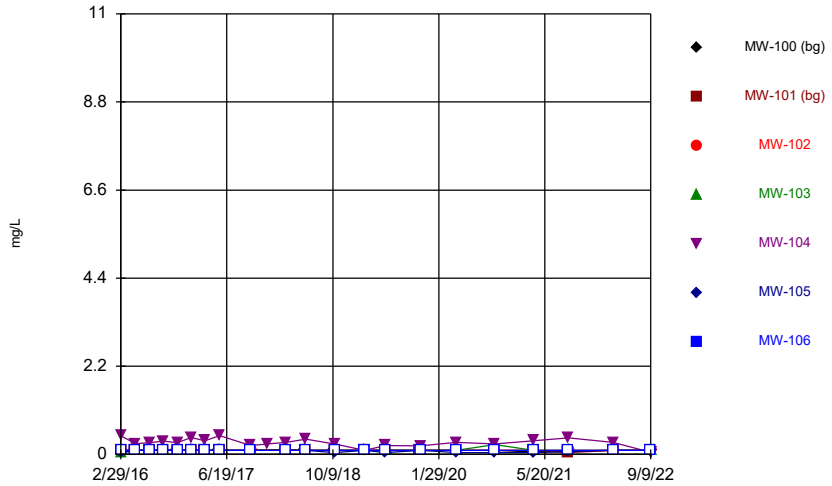
Time Series



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.

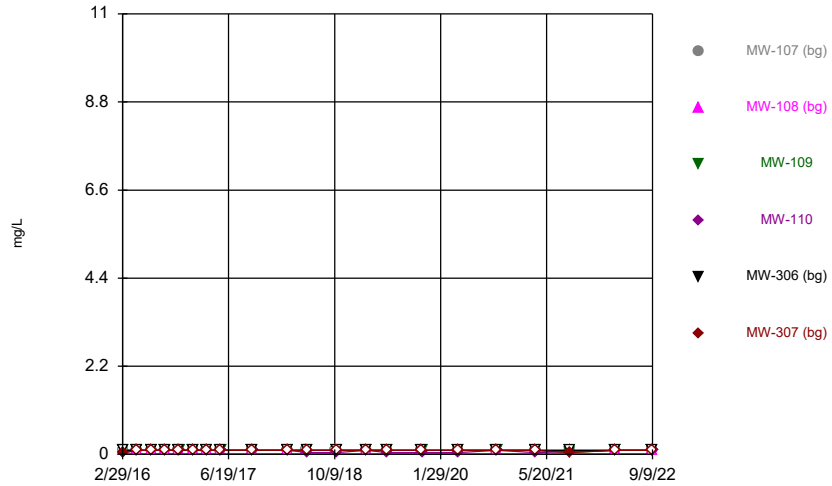
Time Series



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.

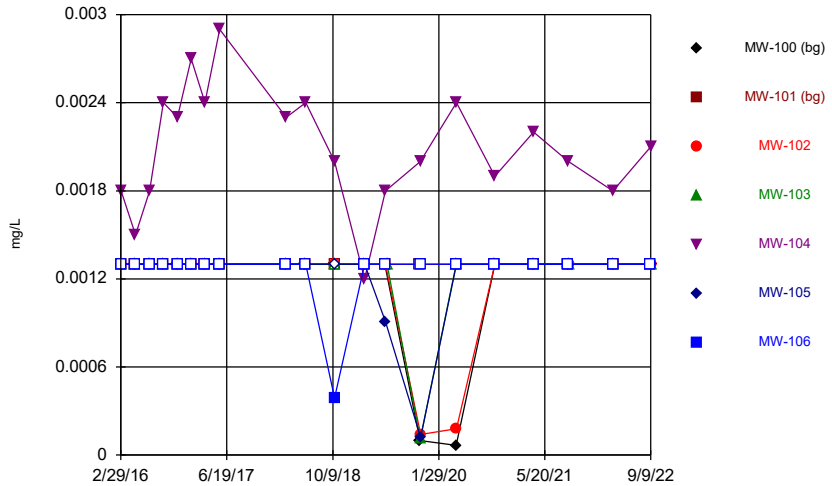
Time Series



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.

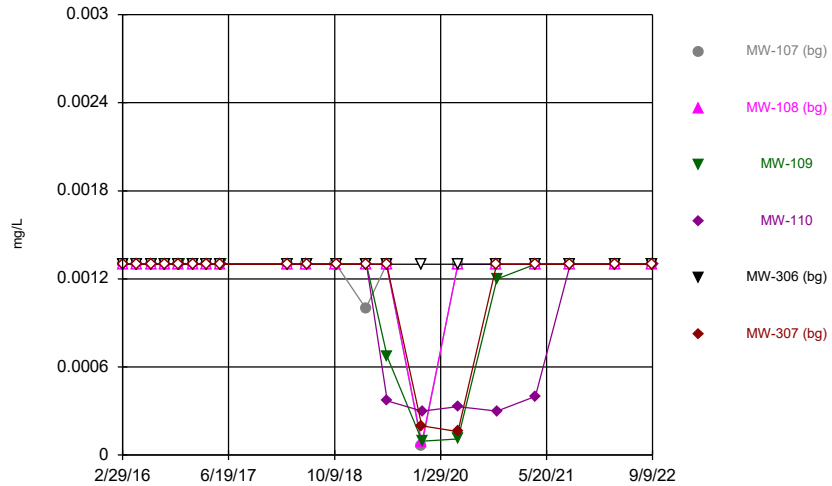
Time Series



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.

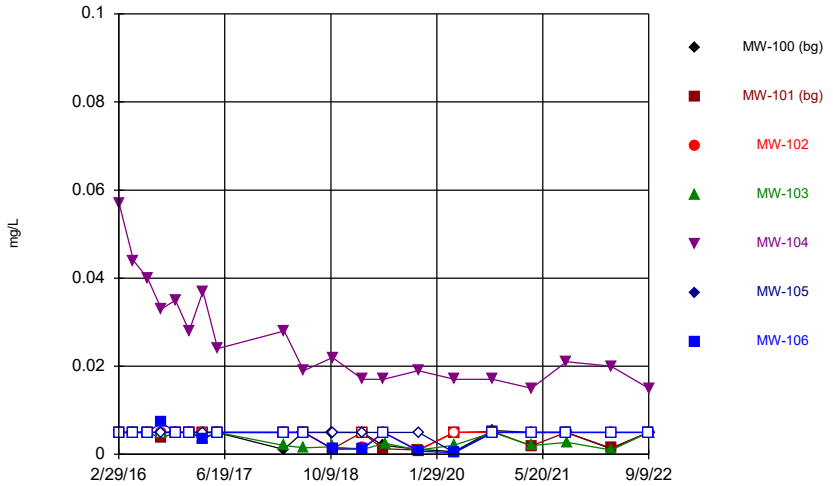
Time Series



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.

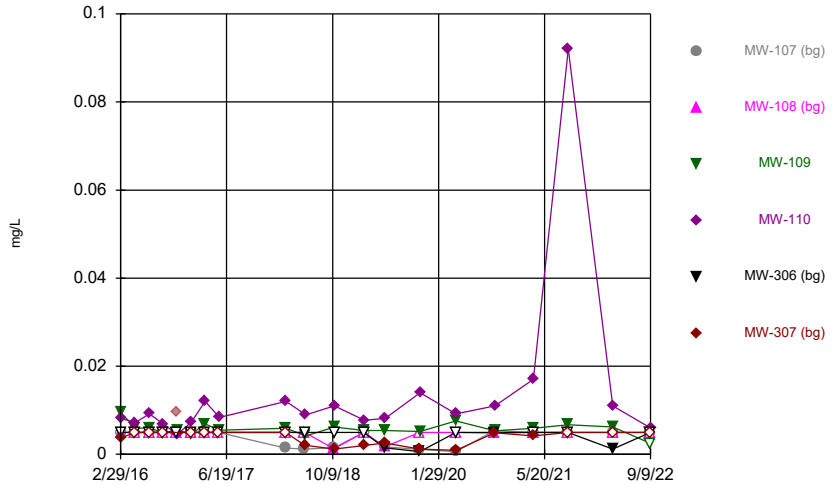
Time Series



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.

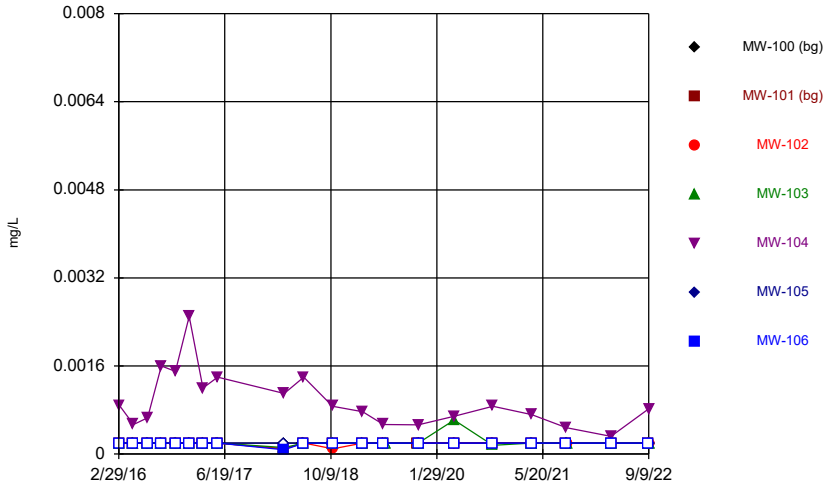
Time Series



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.

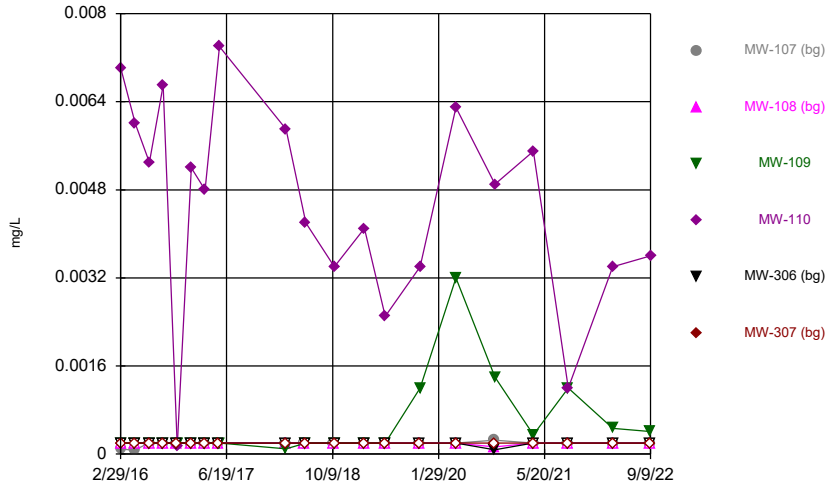
Time Series



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.

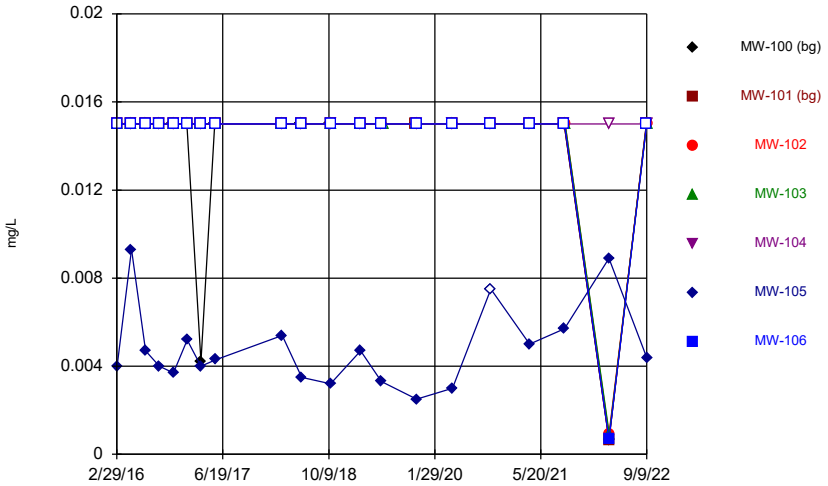
Time Series



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.

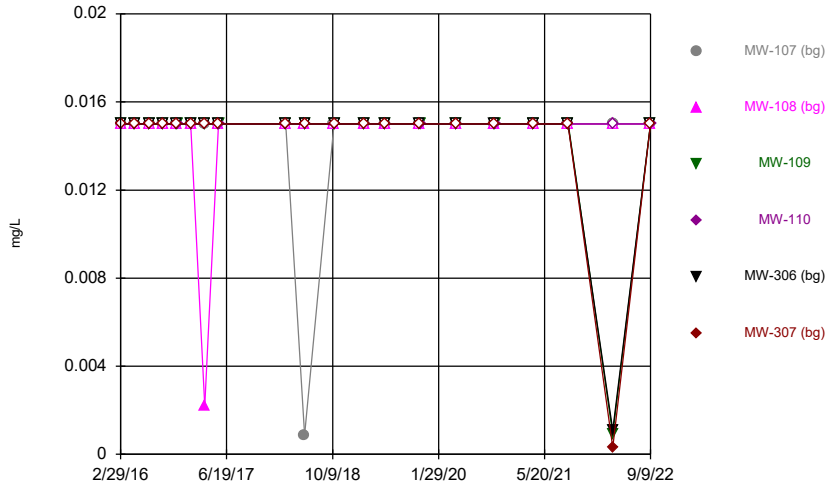
Time Series



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.

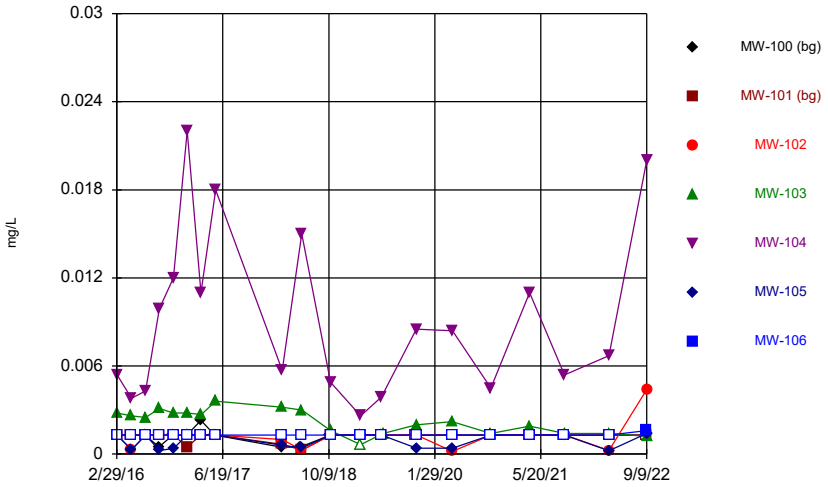
Time Series



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.

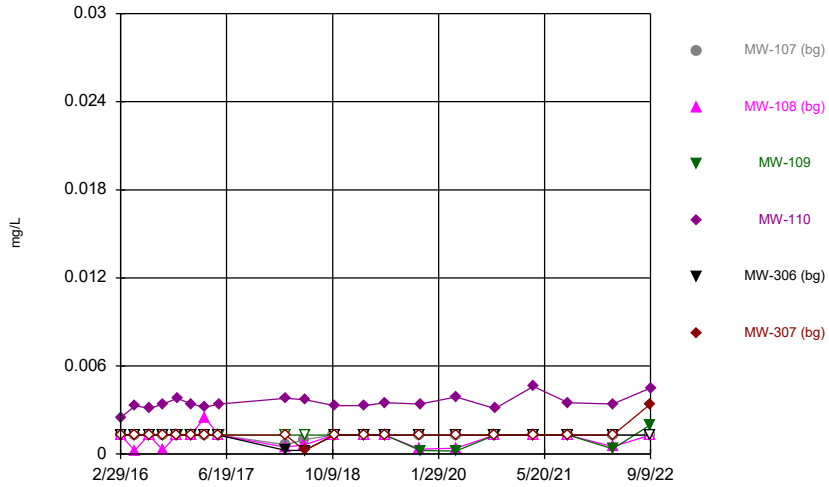
Time Series



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.

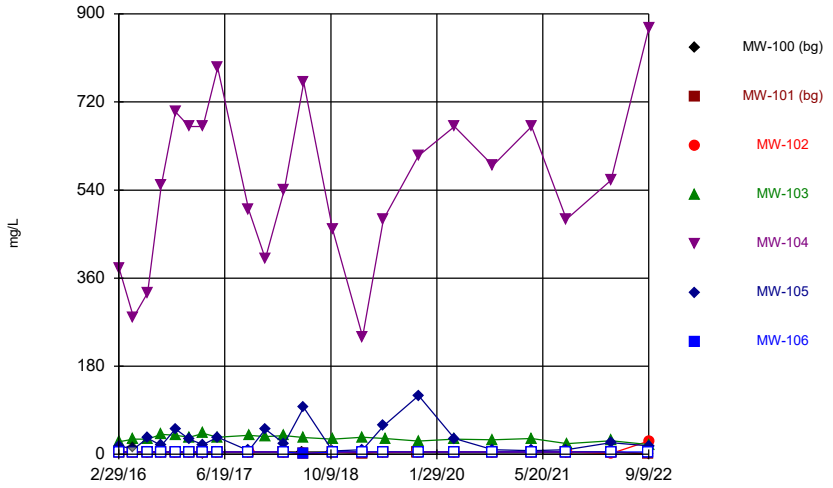
Time Series



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.

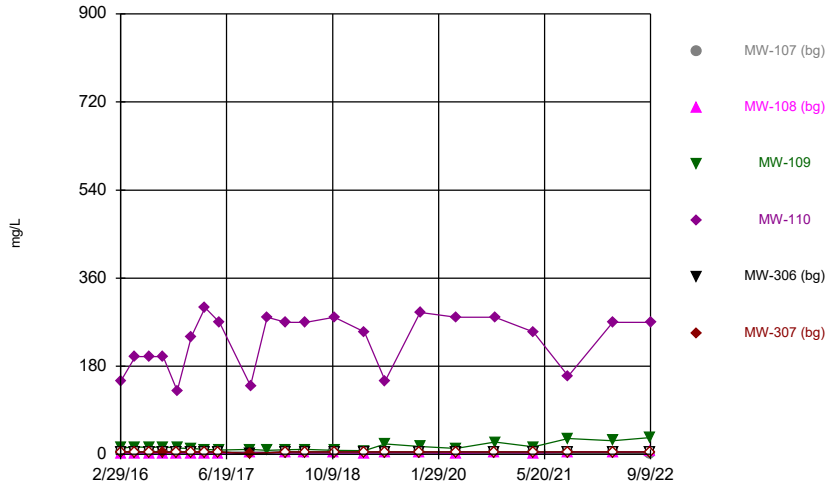
Time Series



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.

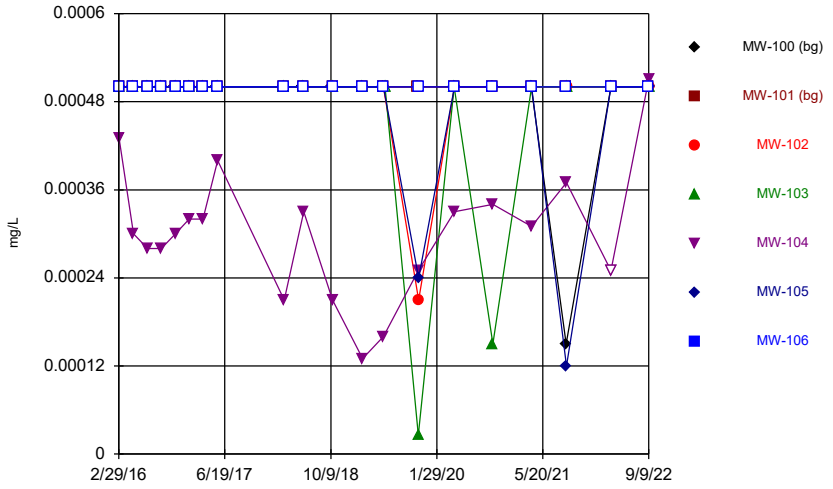
Time Series



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.

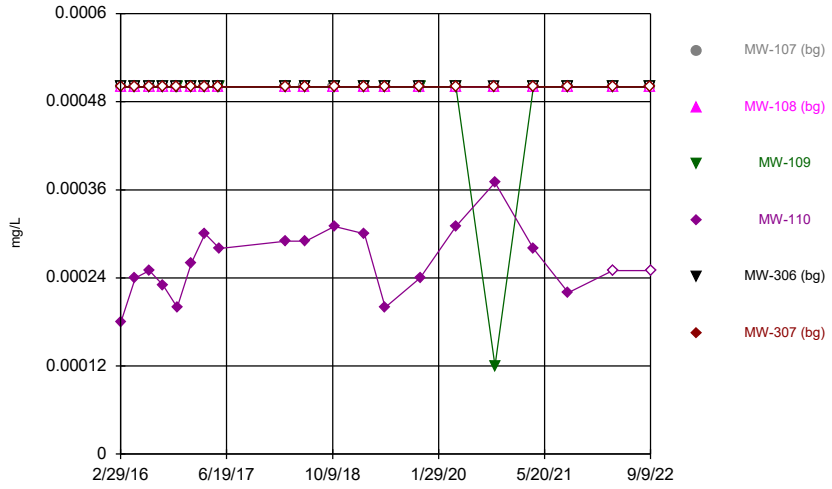
Time Series



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.

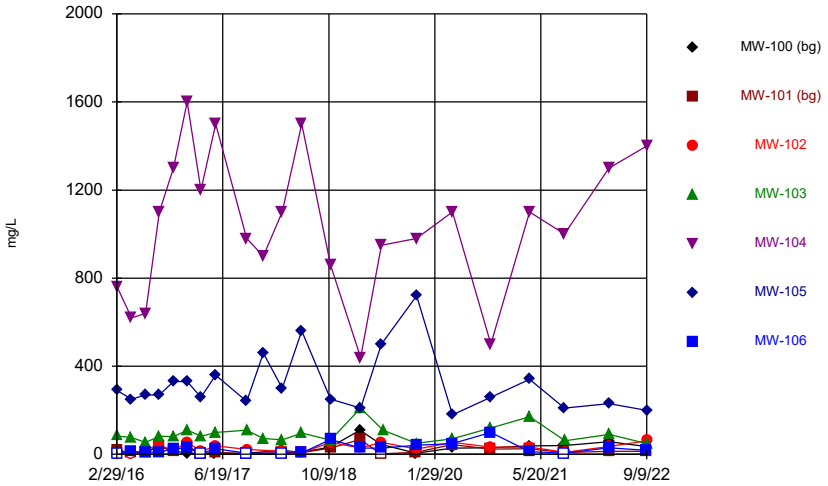
Time Series



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.

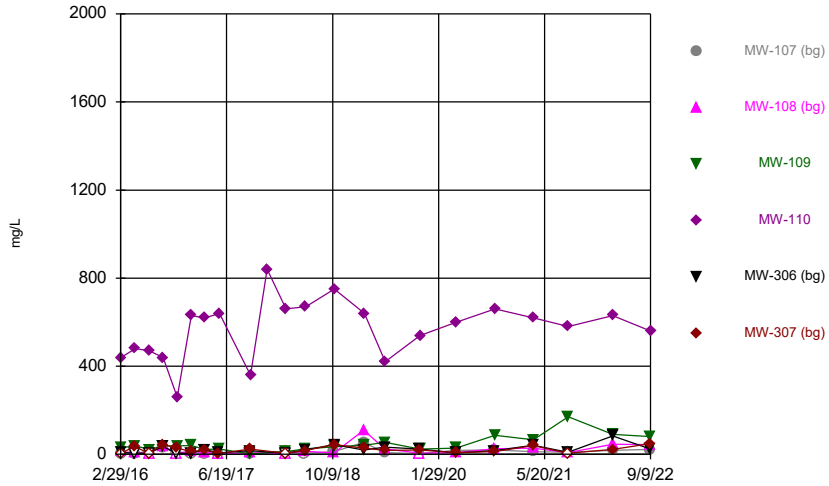
Time Series



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

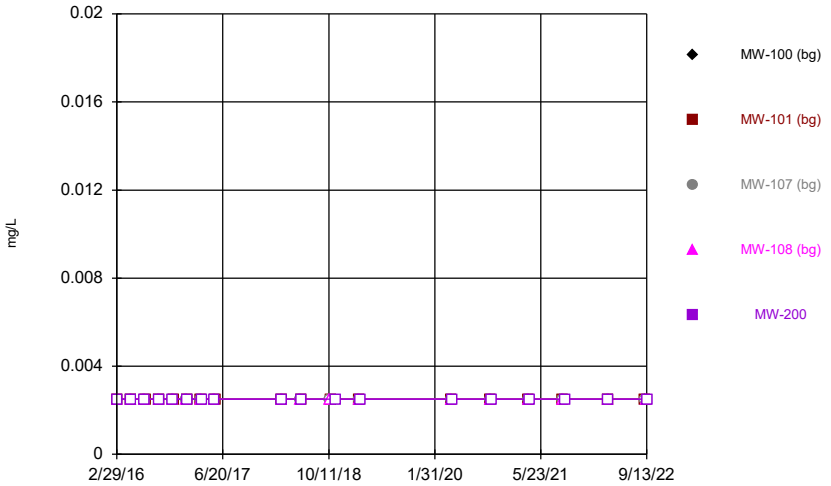
	MW-107 (bg)	MW-108 (bg)	MW-109	MW-110	MW-306 (bg)	MW-307 (bg)
2/29/2016	<5	12				
3/1/2016					10	<5
3/2/2016			30	440		
5/2/2016	<5	6				36
5/3/2016					<5	
5/5/2016			38	480		
7/5/2016	14	<5			<5	<5
7/7/2016			22	470		
9/6/2016	30	38			36	44
9/7/2016			38	440		
11/7/2016	8	<5			<5	30
11/10/2016			38	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.

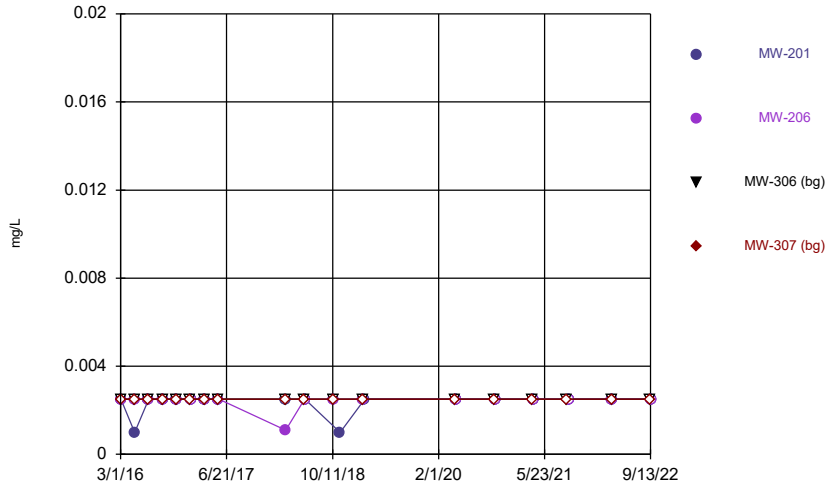
Time Series



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.

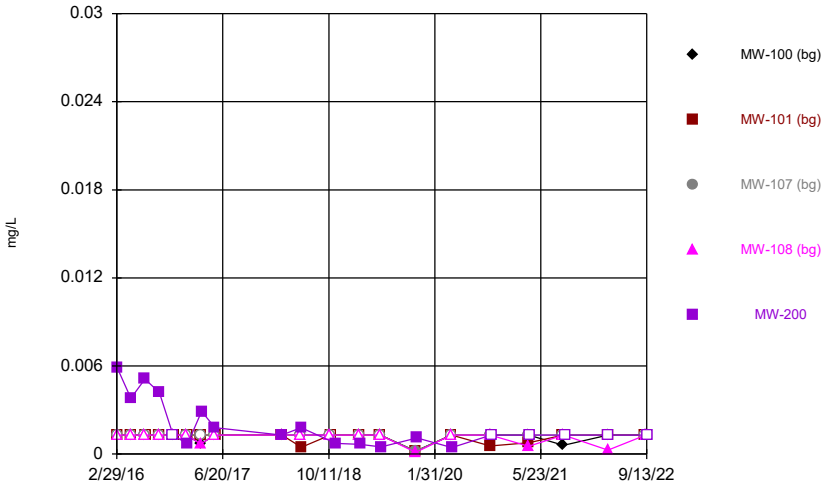
Time Series



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.

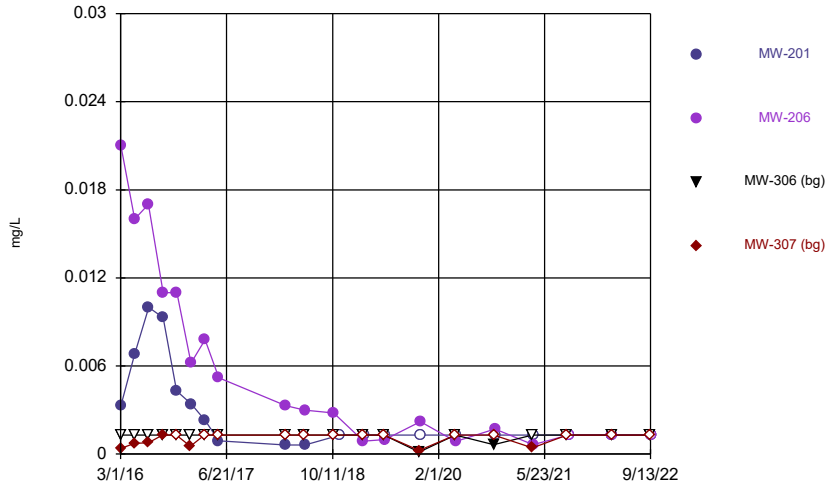
Time Series



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.

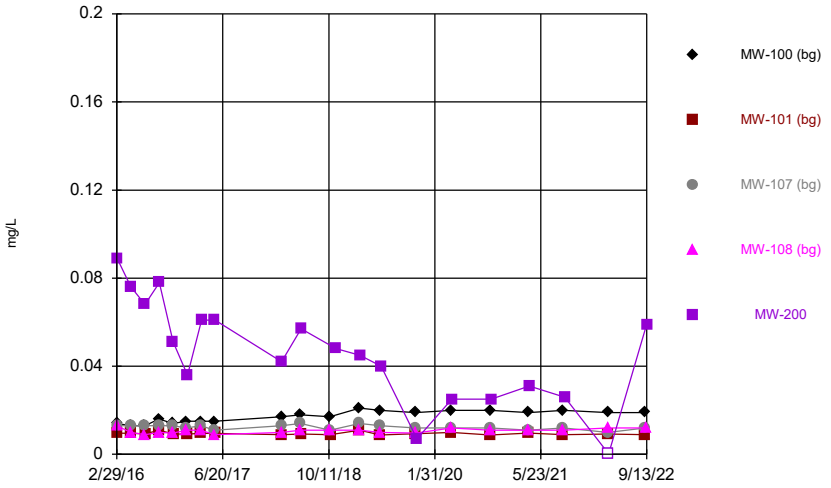
Time Series



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.

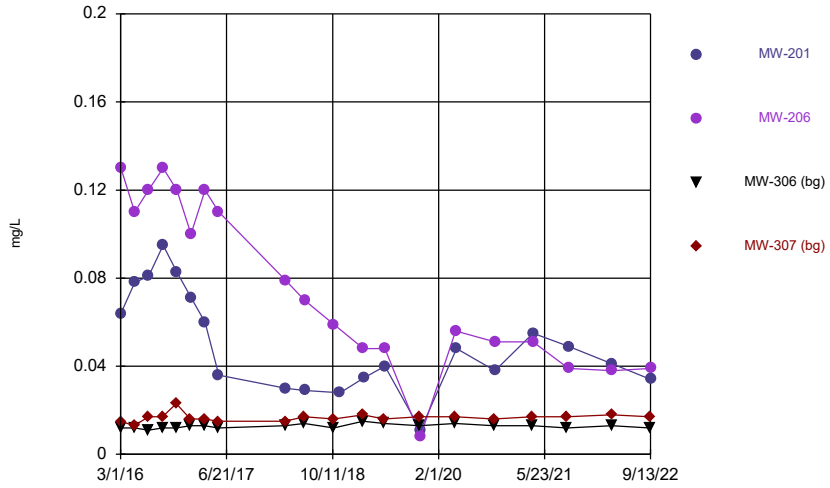
Time Series



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

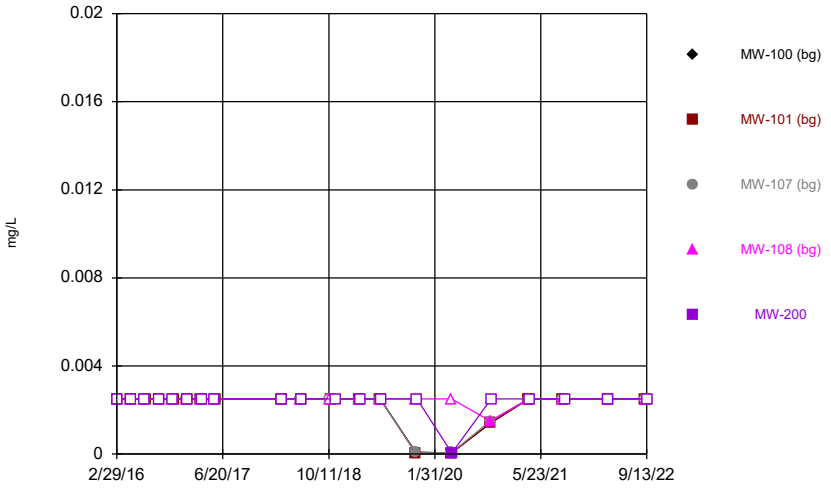
Time Series



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.

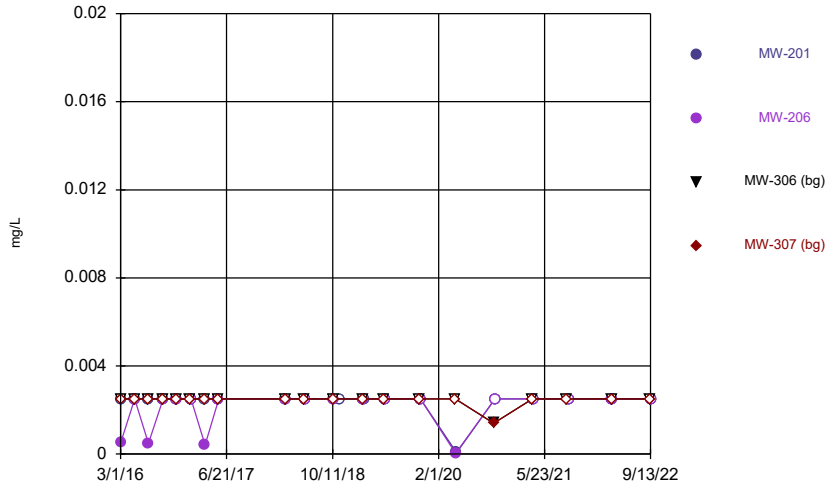
Time Series



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.

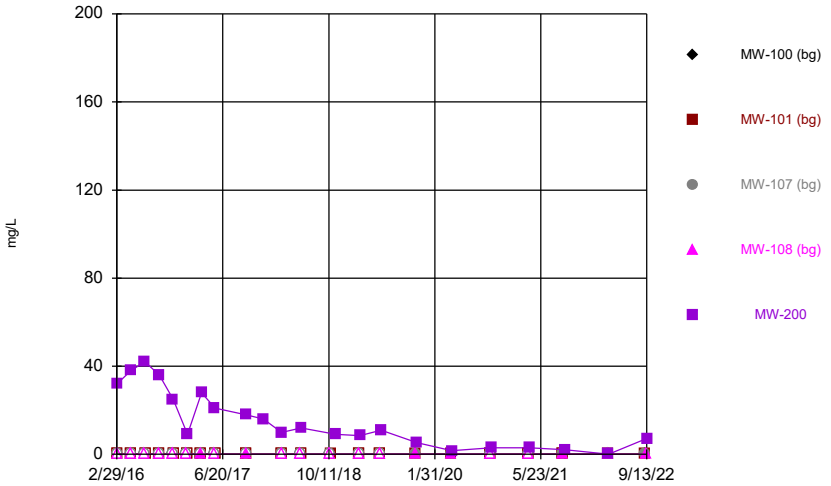
Time Series



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.

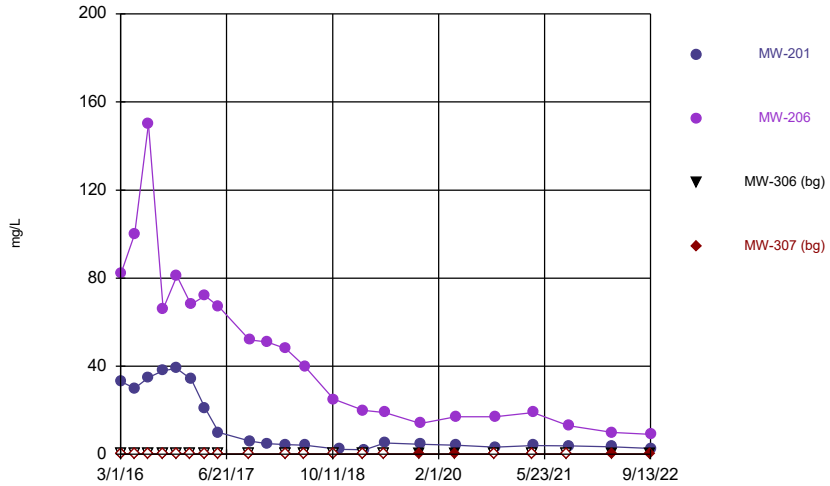
Time Series



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.

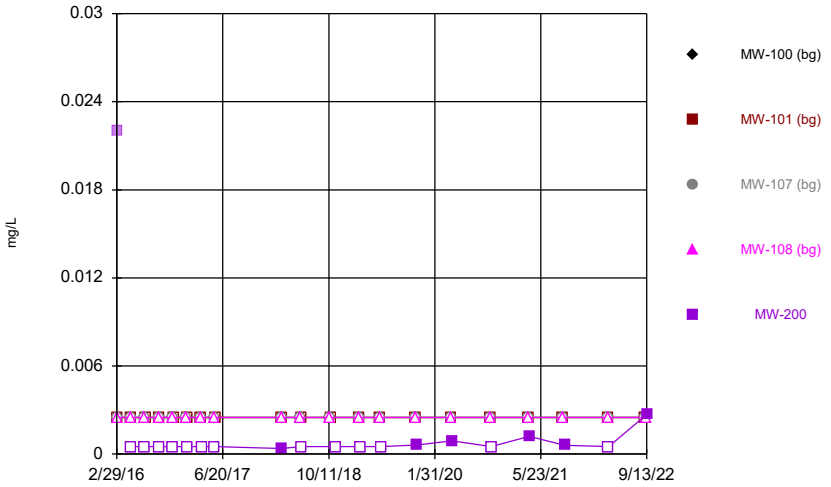
Time Series



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.

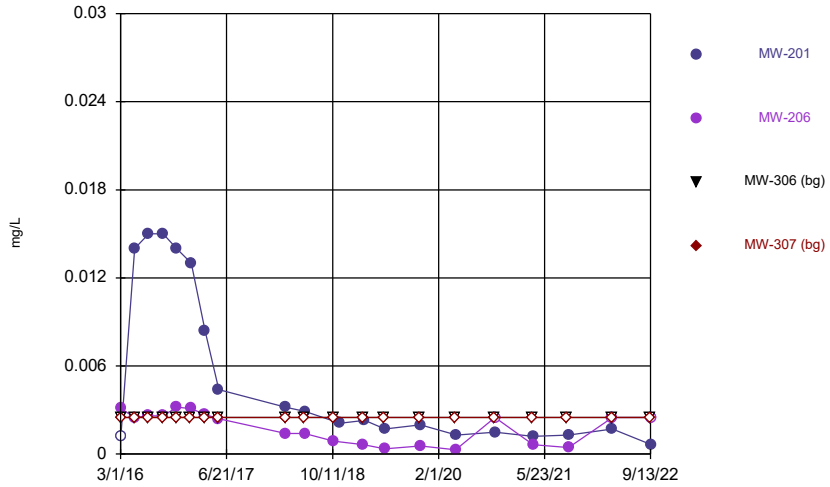
Time Series



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.

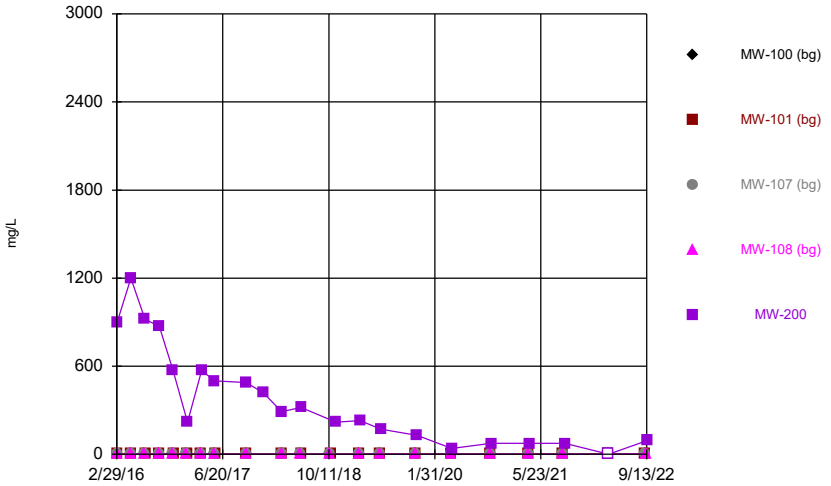
Time Series



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.

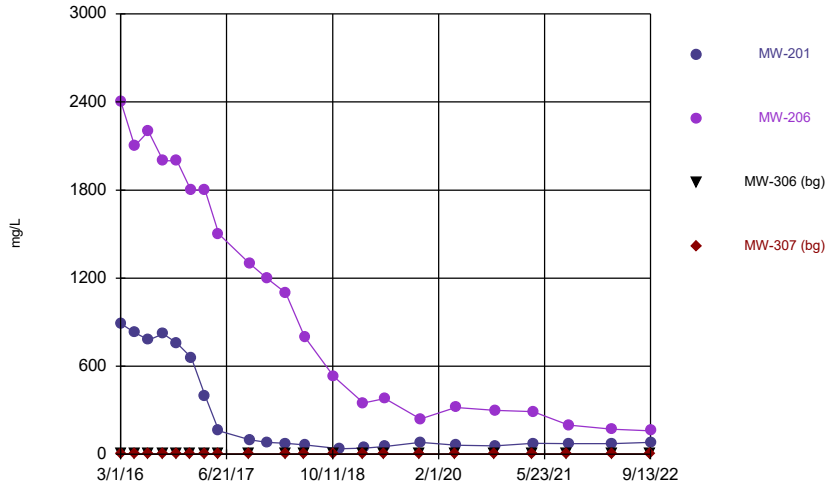
Time Series



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

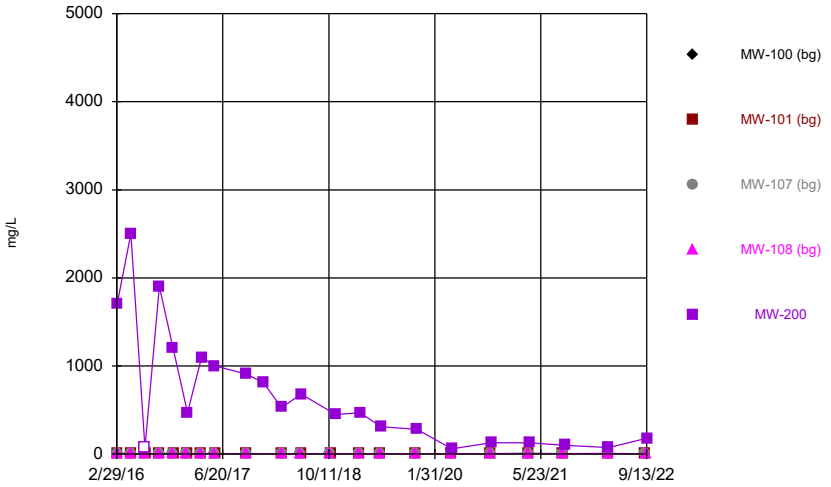
Time Series



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.

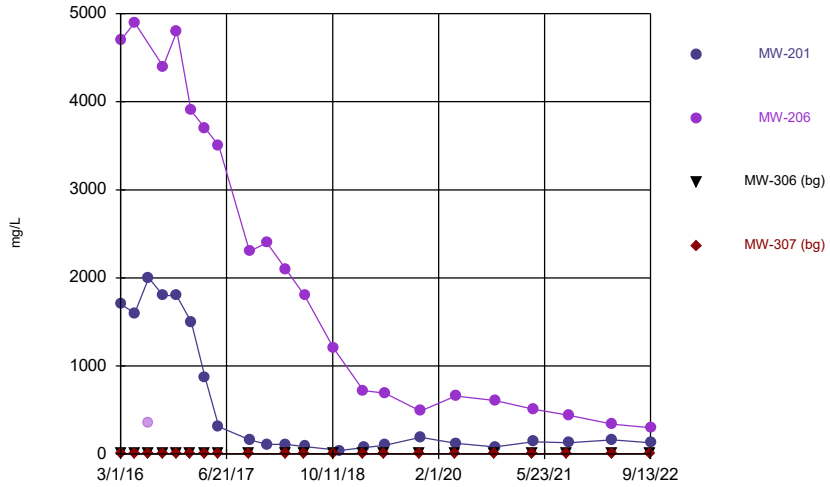
Time Series



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

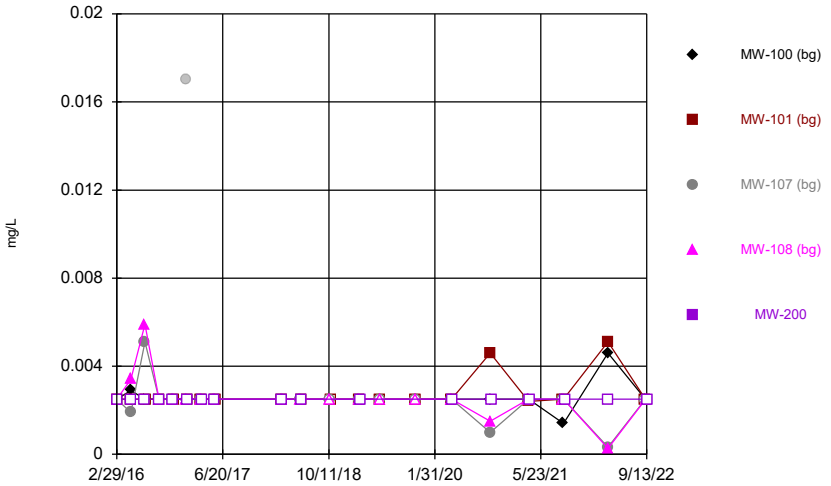
Time Series



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.

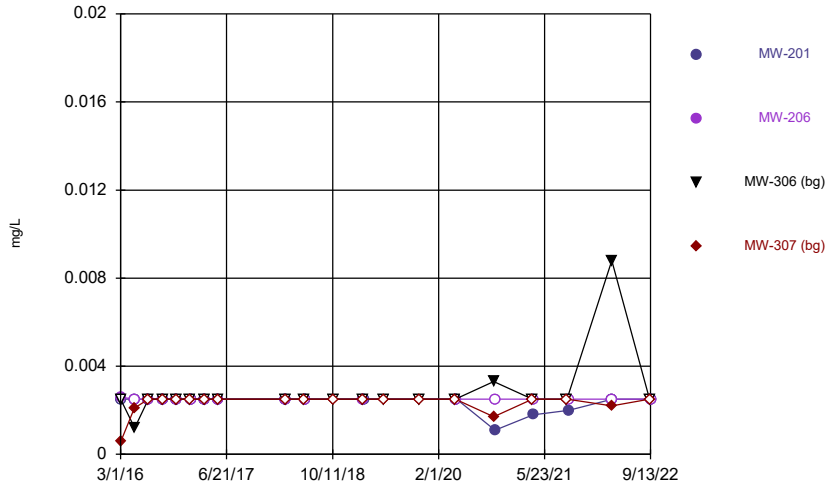
Time Series



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.

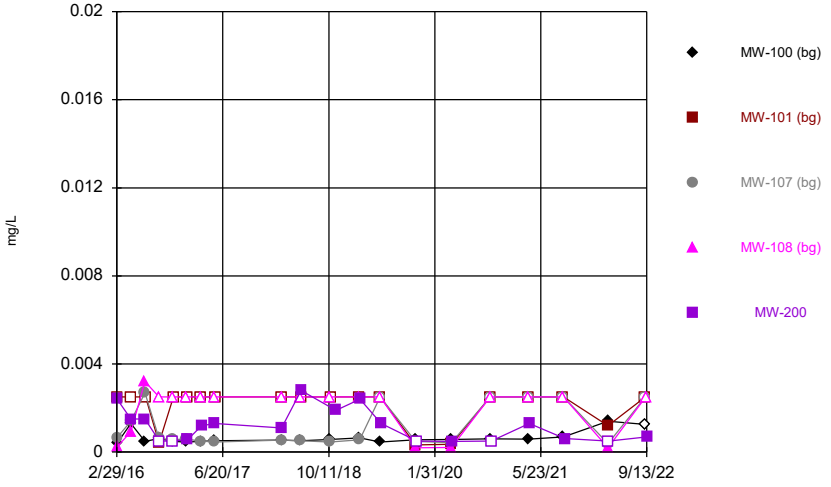
Time Series



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.

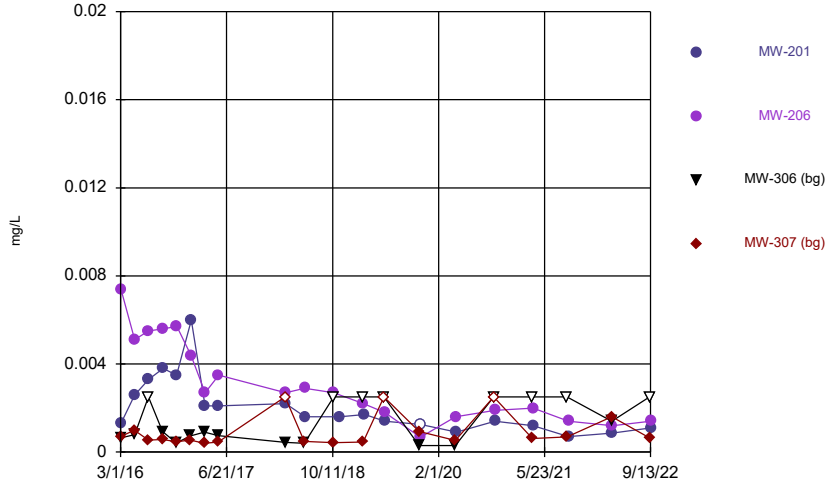
Time Series



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.

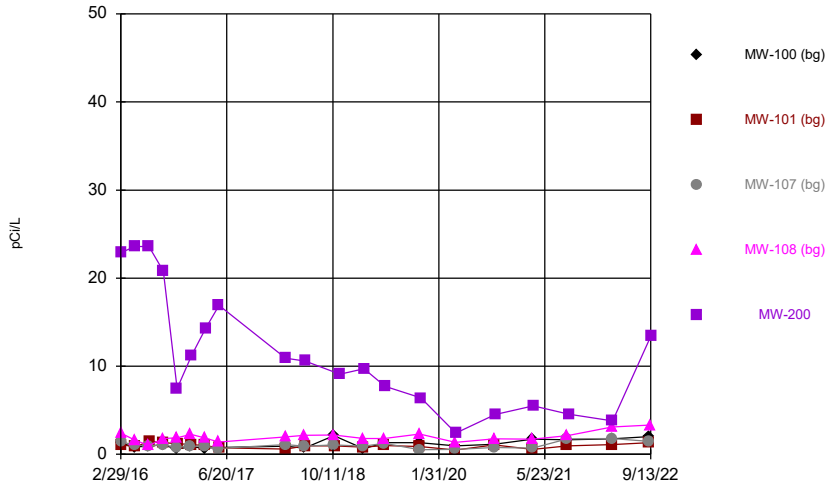
Time Series



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

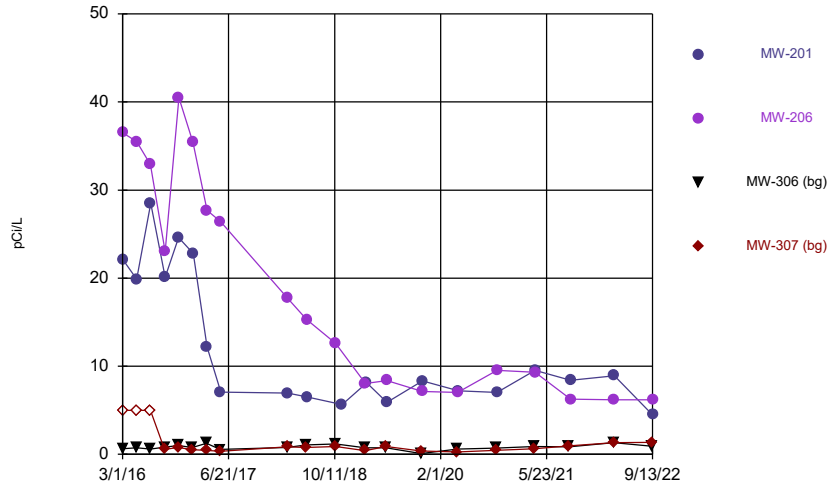
Time Series



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.

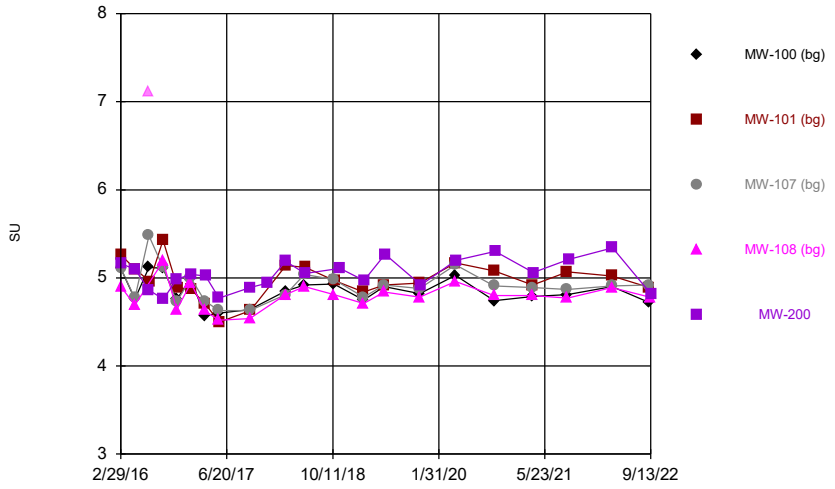
Time Series



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

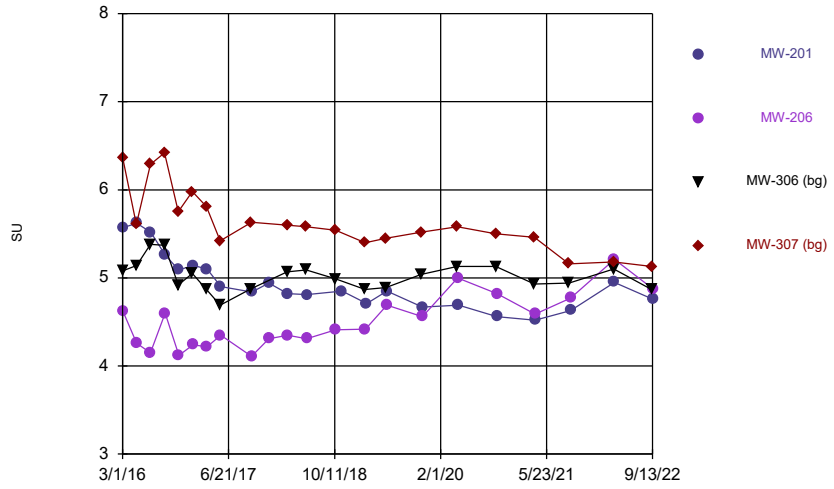
Time Series



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

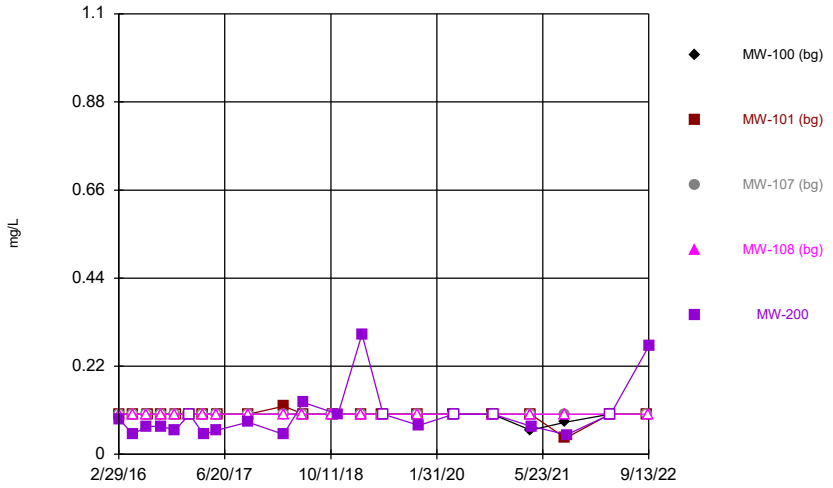
Time Series



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.

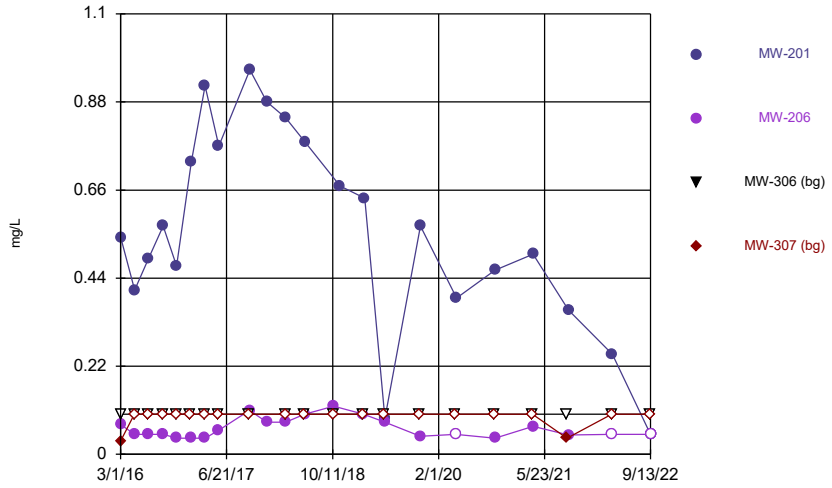
Time Series



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.

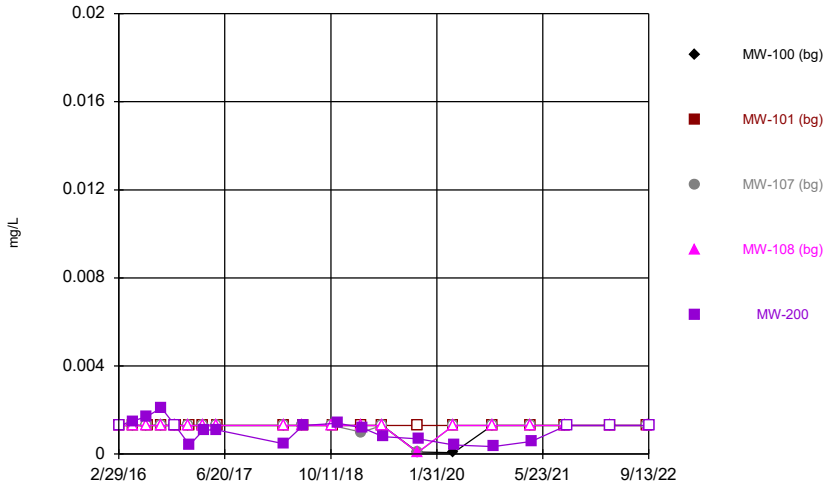
Time Series



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.

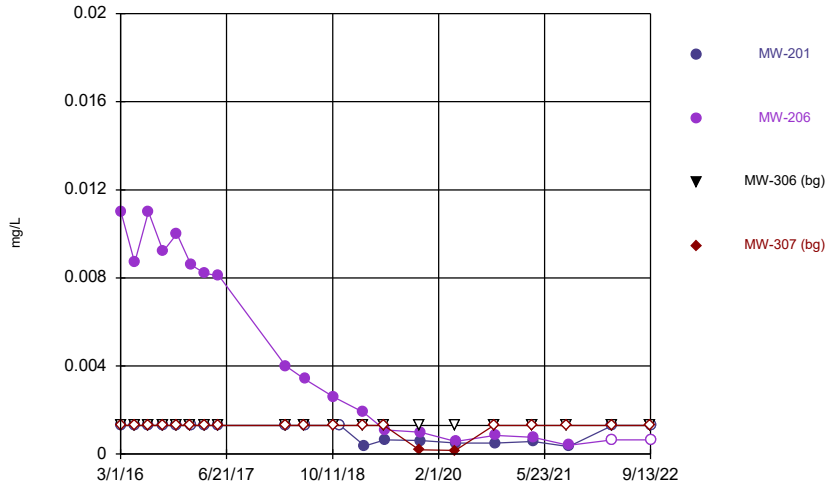
Time Series



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.

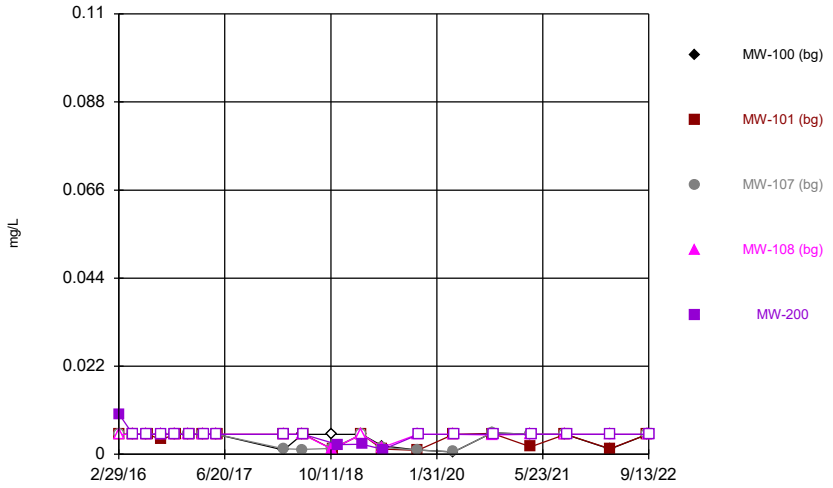
Time Series



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.

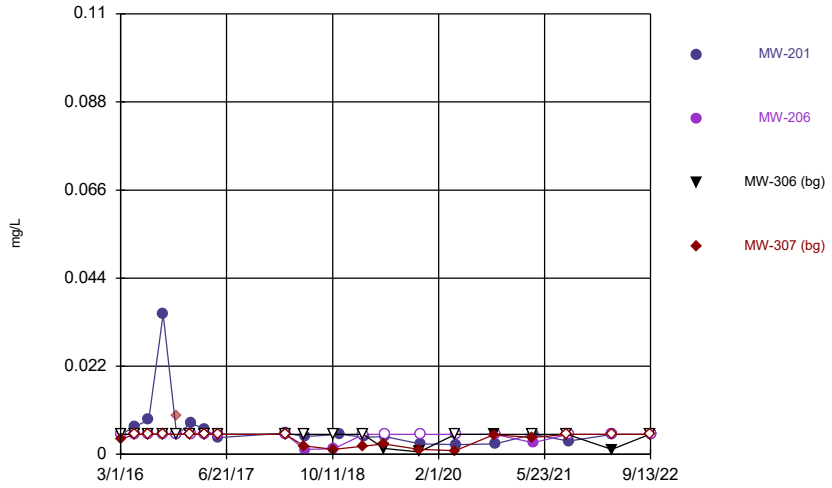
Time Series



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.

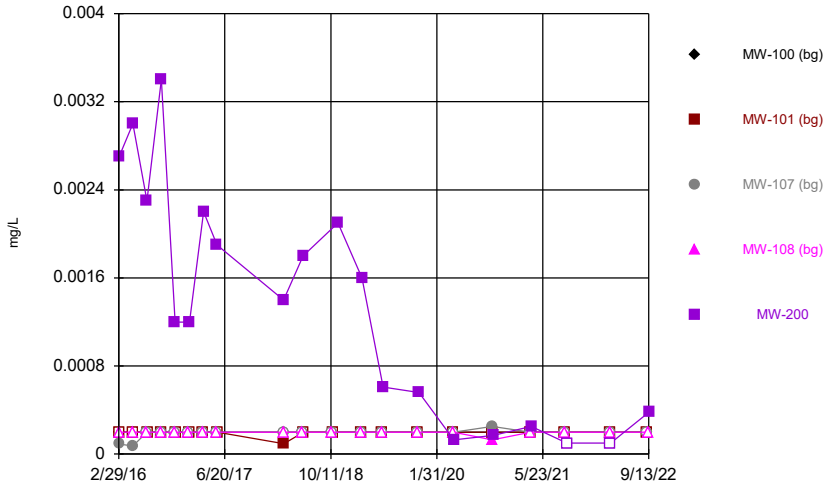
Time Series



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.

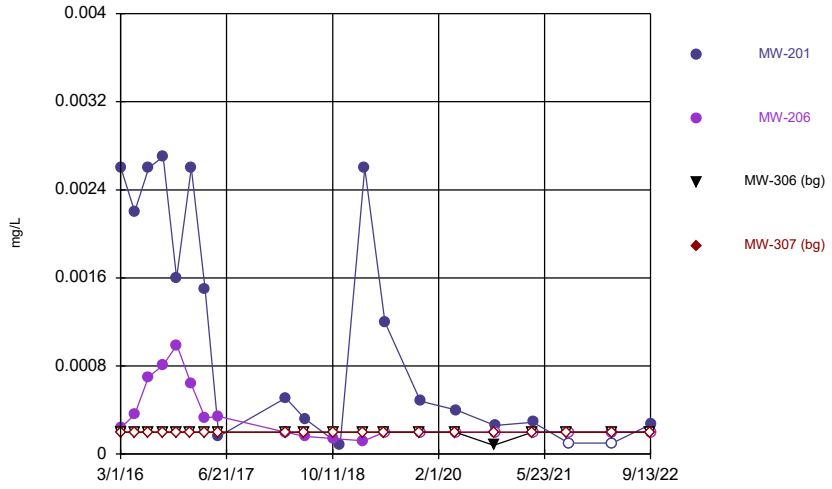
Time Series



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.

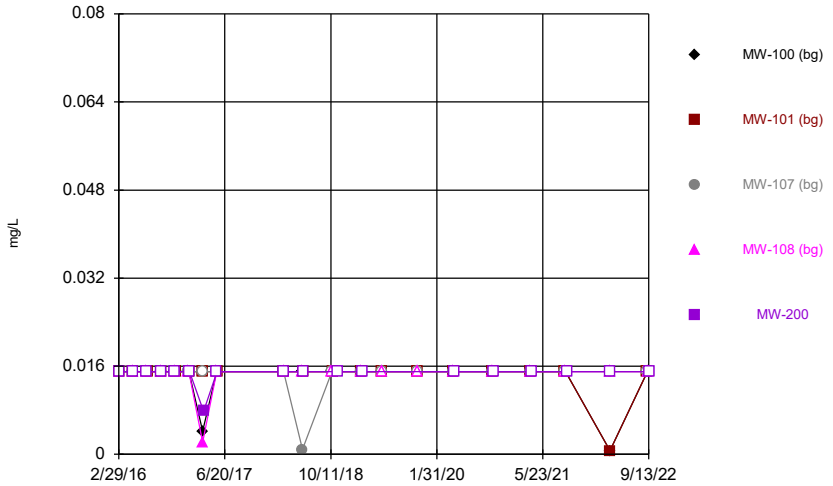
Time Series



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.

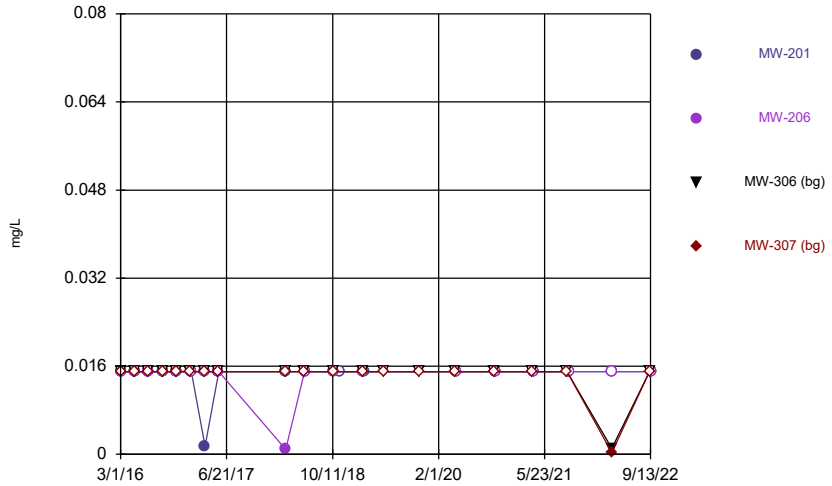
Time Series



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.

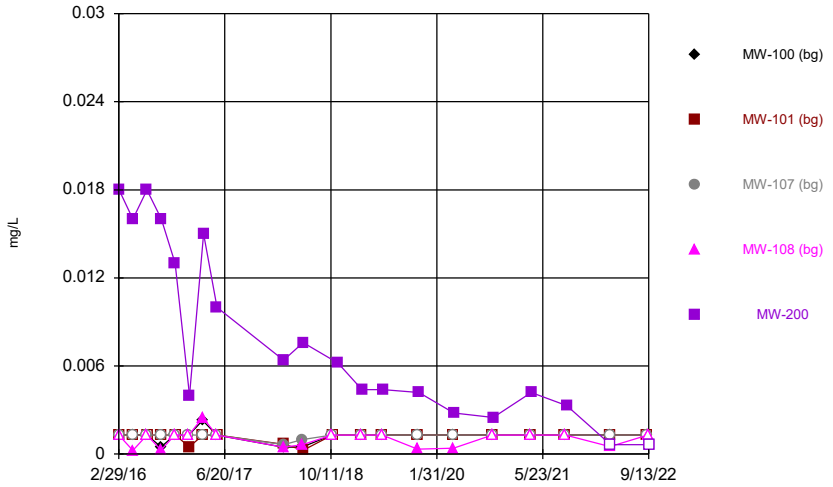
Time Series



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.

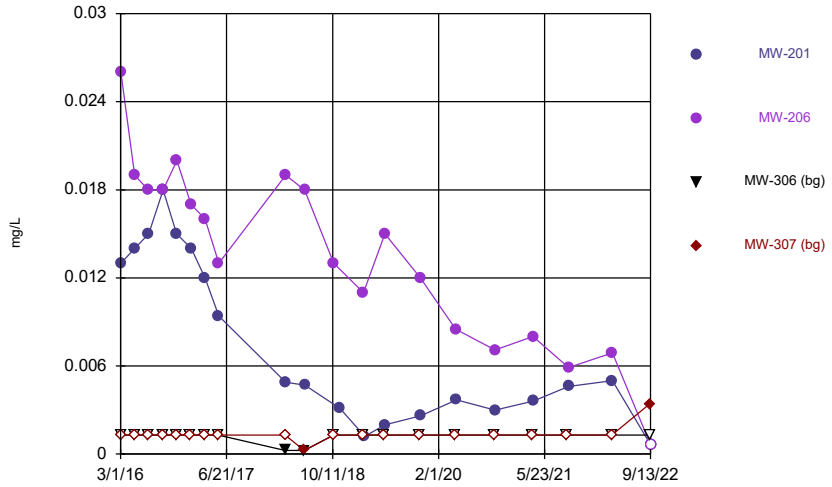
Time Series



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.

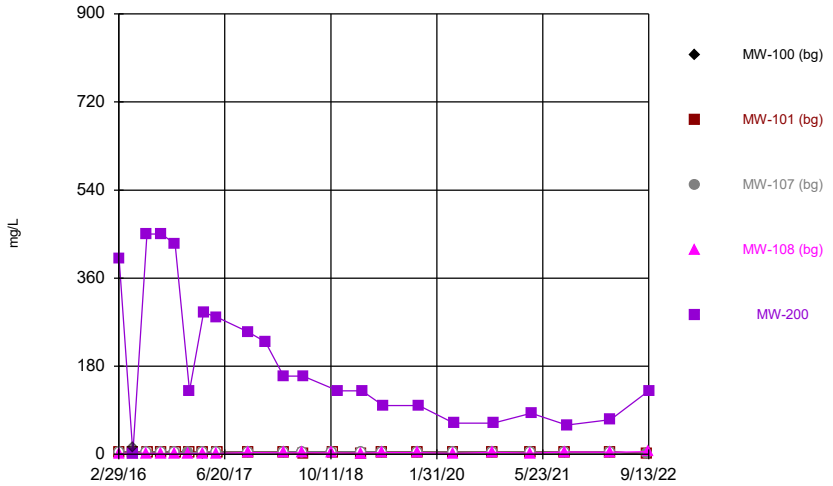
Time Series



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.

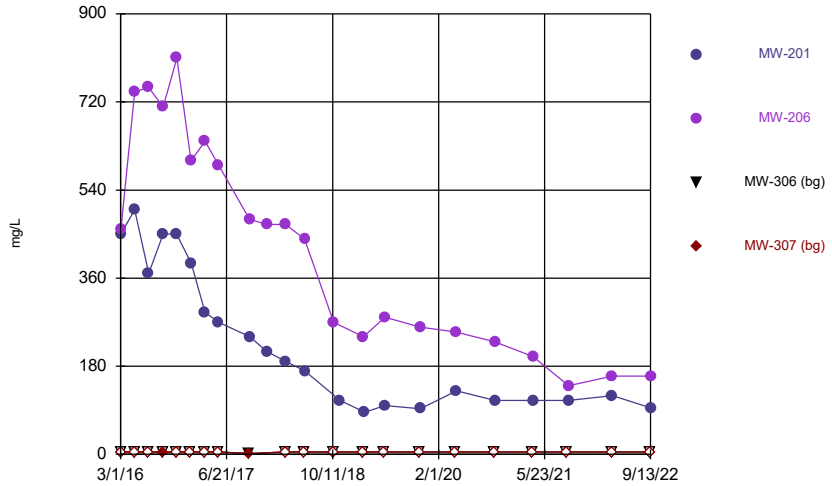
Time Series



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.

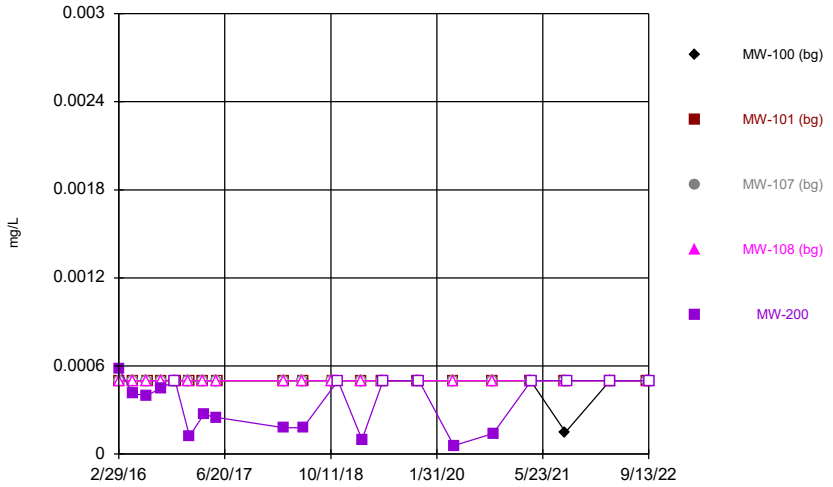
Time Series



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.

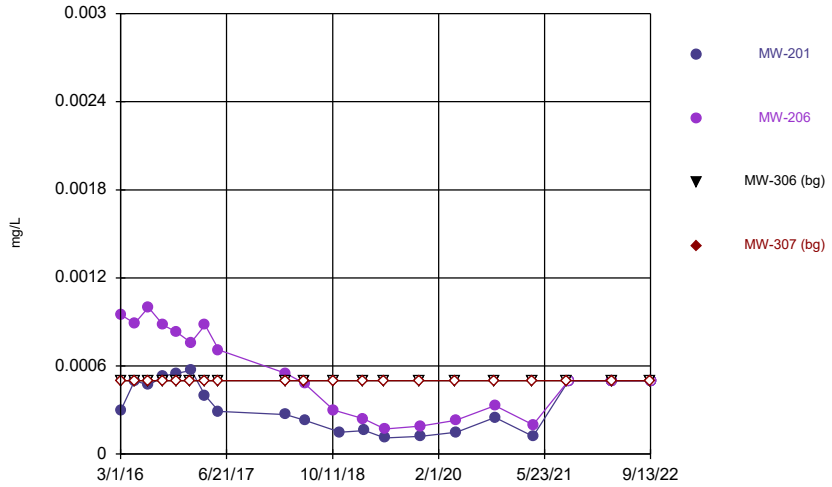
Time Series



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.

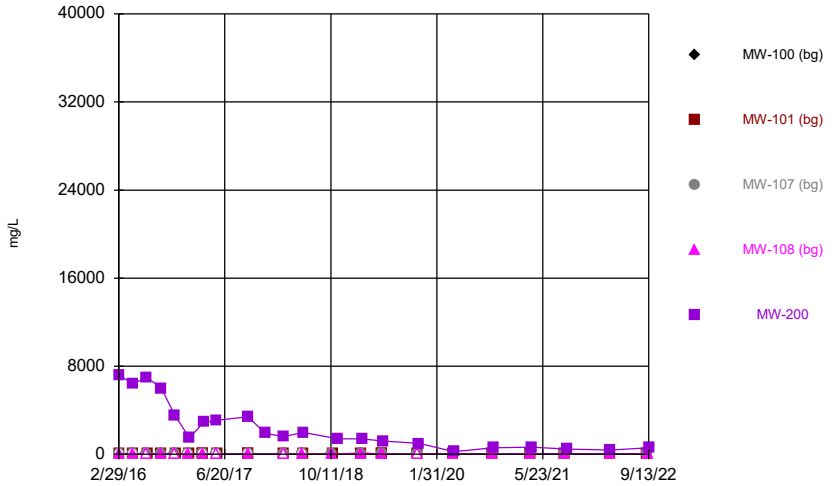
Time Series



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.

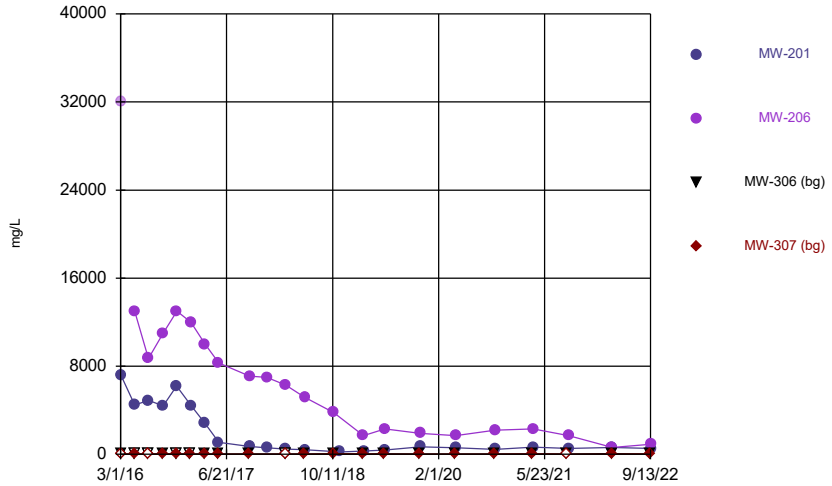
Time Series



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

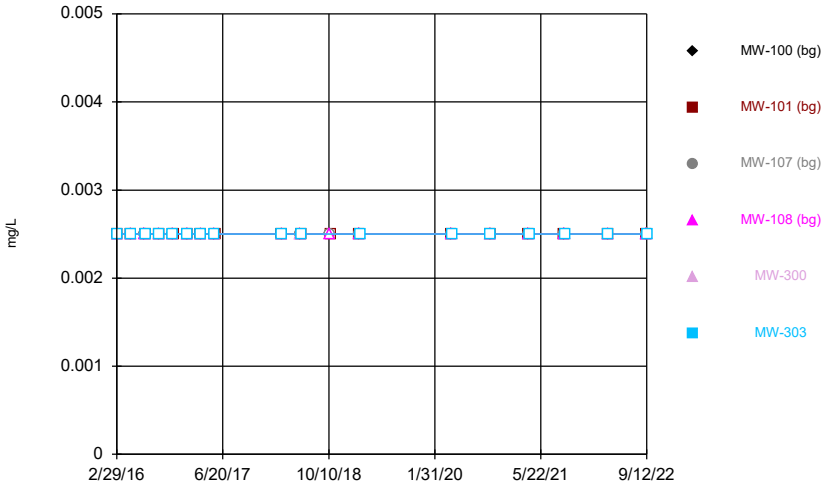
	MW-201	MW-206	MW-306 (bg)	MW-307 (bg)
3/1/2016			10	<5
3/2/2016	7200	32000 (o)		
5/2/2016				36
5/3/2016		13000	<5	
5/4/2016	4500			
7/5/2016		8700	<5	<5
7/6/2016	4900			
9/6/2016			36	44
9/8/2016	4400	11000 (Q)		
11/7/2016			<5	30
11/8/2016	6200			
11/9/2016		13000		
1/9/2017			<5	12
1/12/2017		12000		
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.

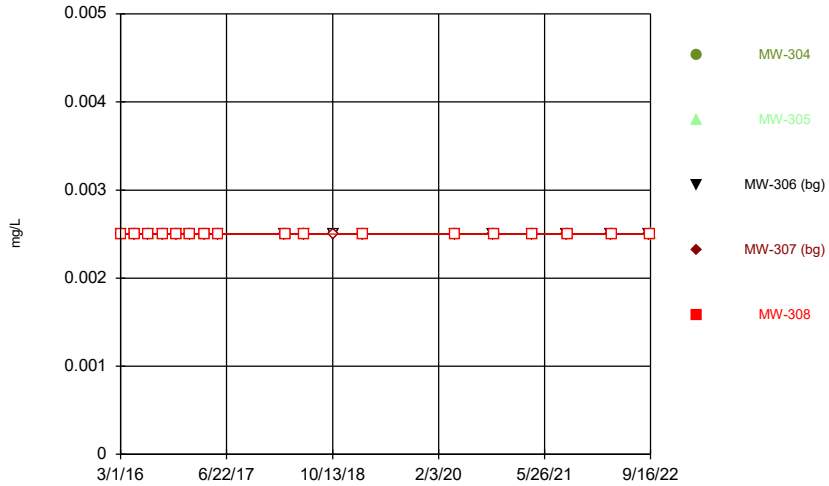
Time Series



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.

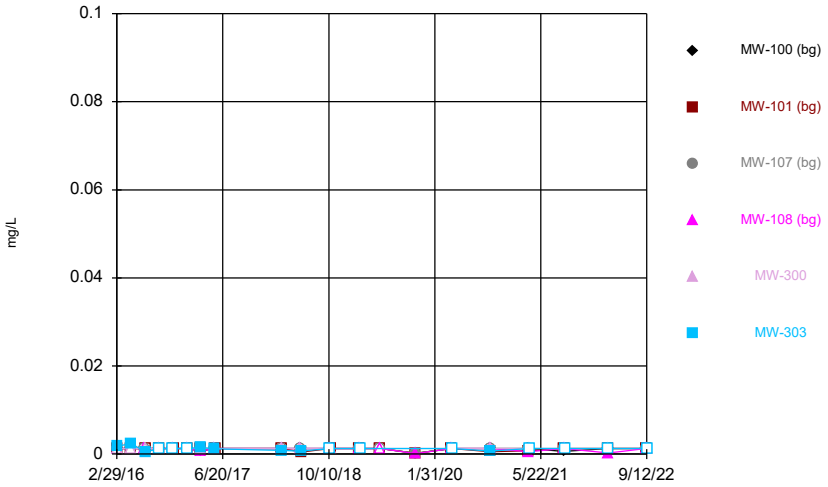
Time Series



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.

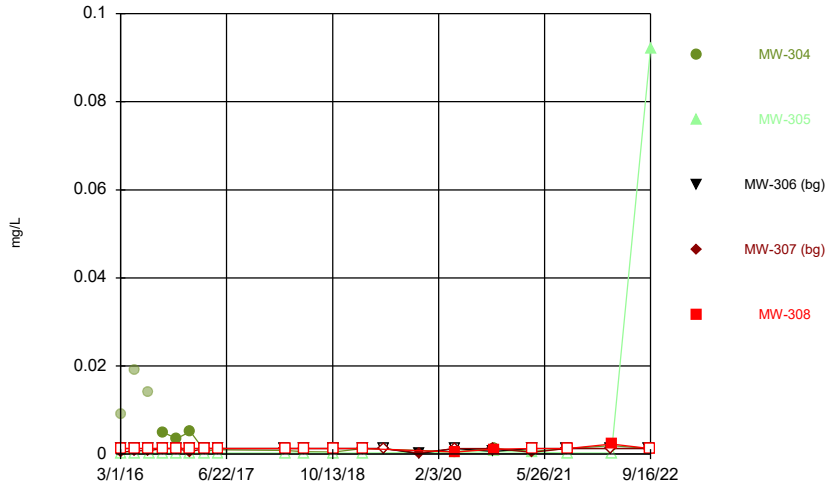
Time Series



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.

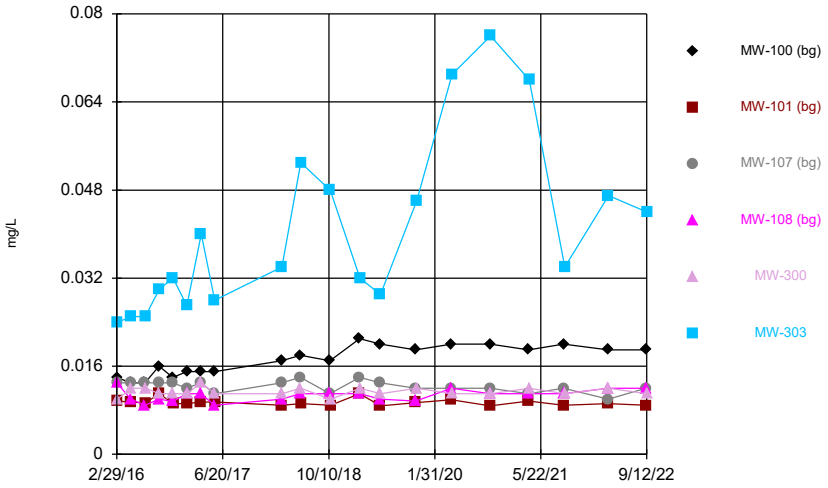
Time Series



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

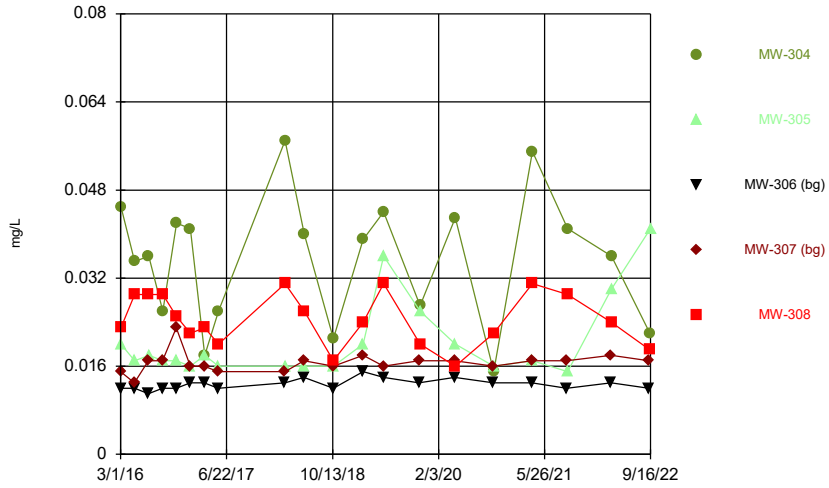
Time Series



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

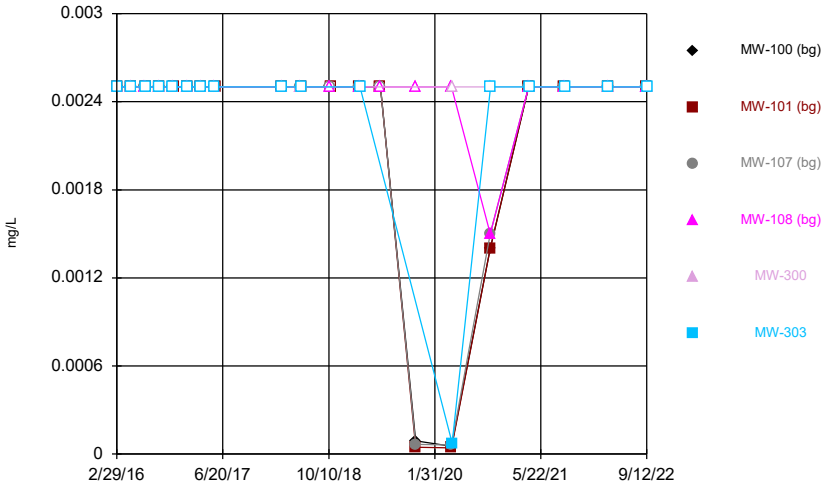
Time Series



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.

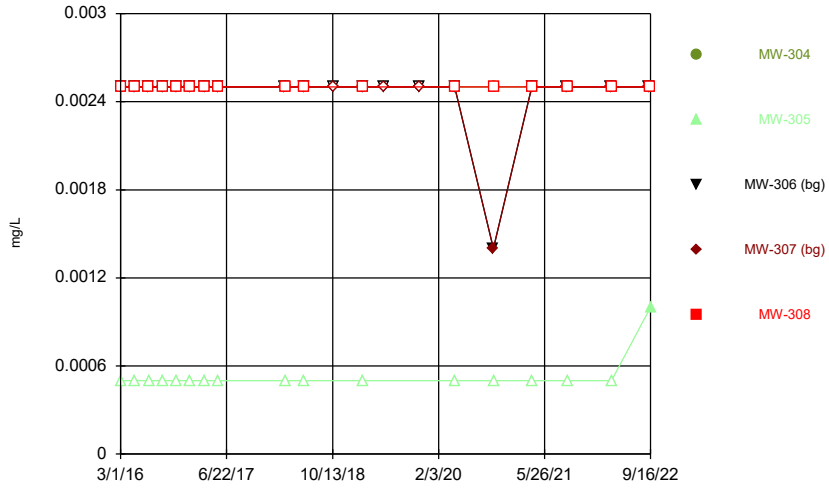
Time Series



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.

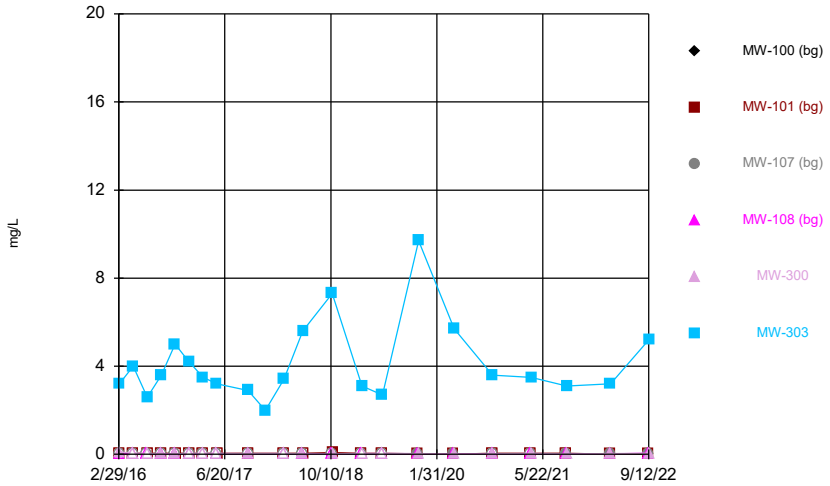
Time Series



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.

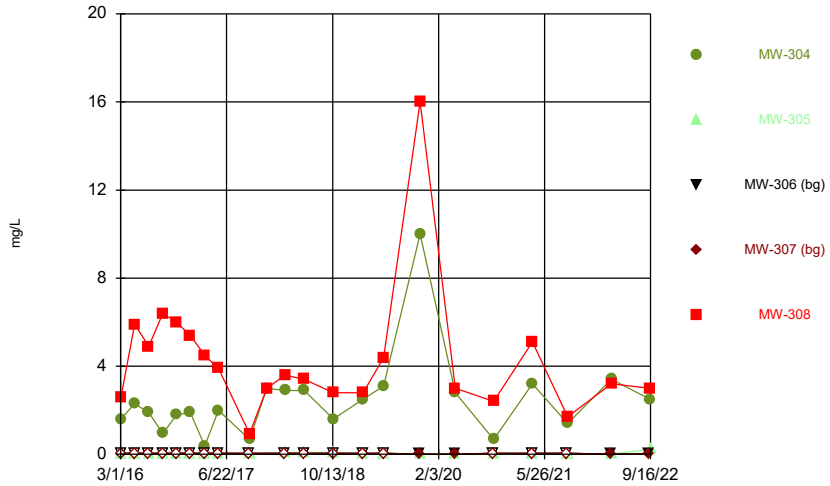
Time Series



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.

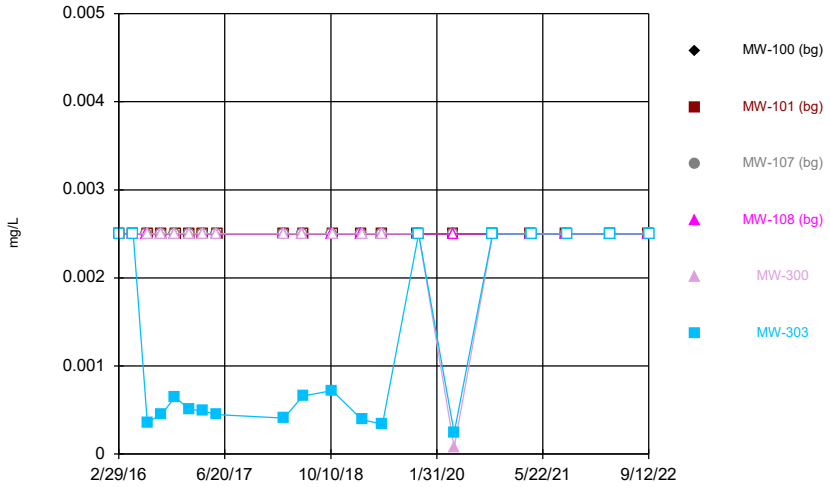
Time Series



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.

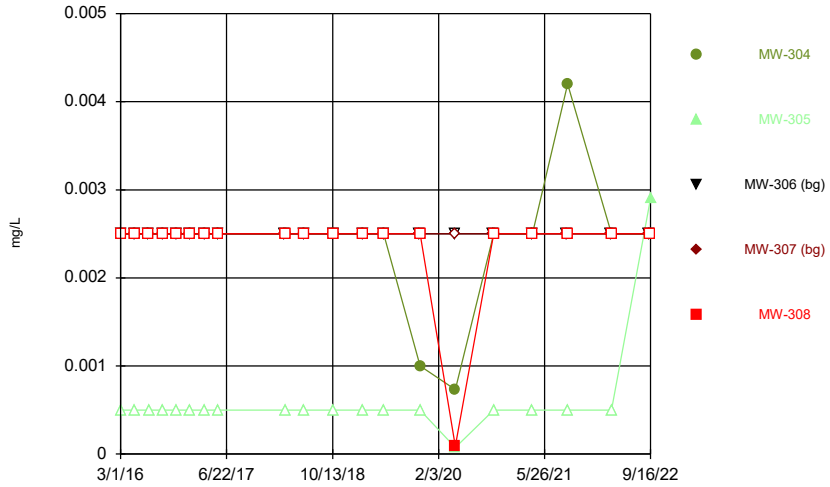
Time Series



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.

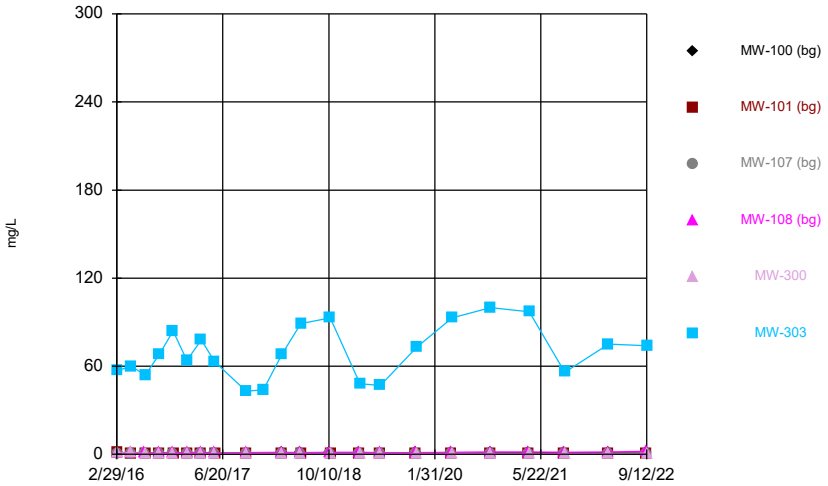
Time Series



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

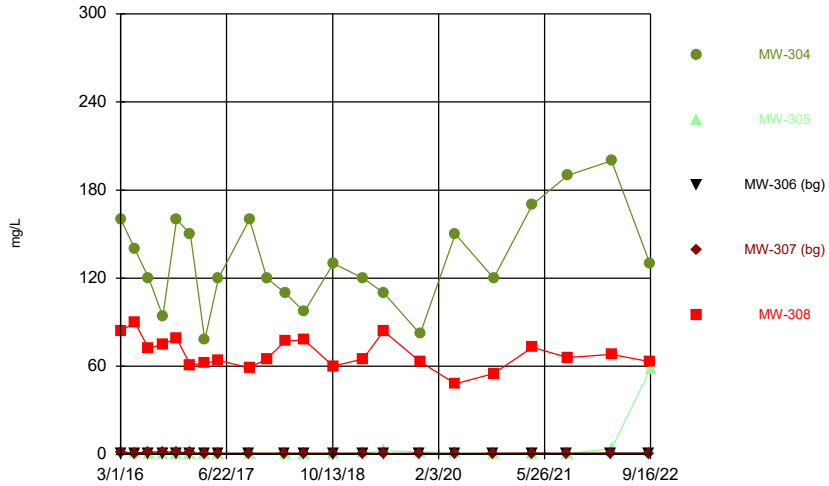
Time Series



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

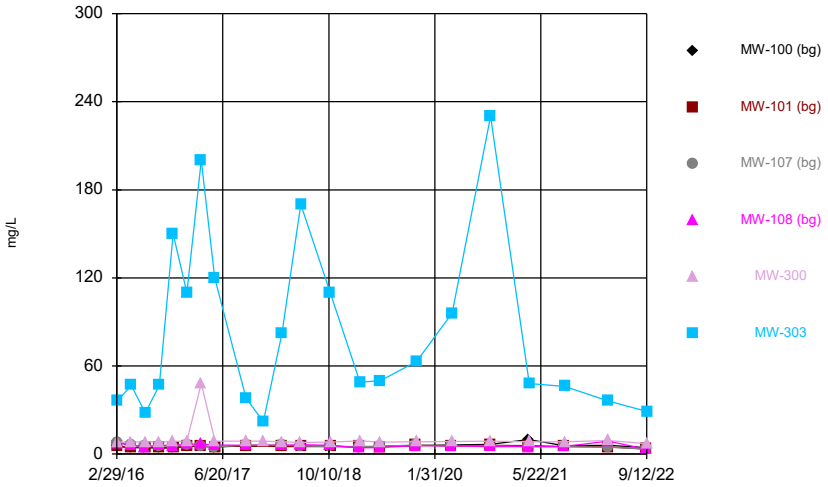
Time Series



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

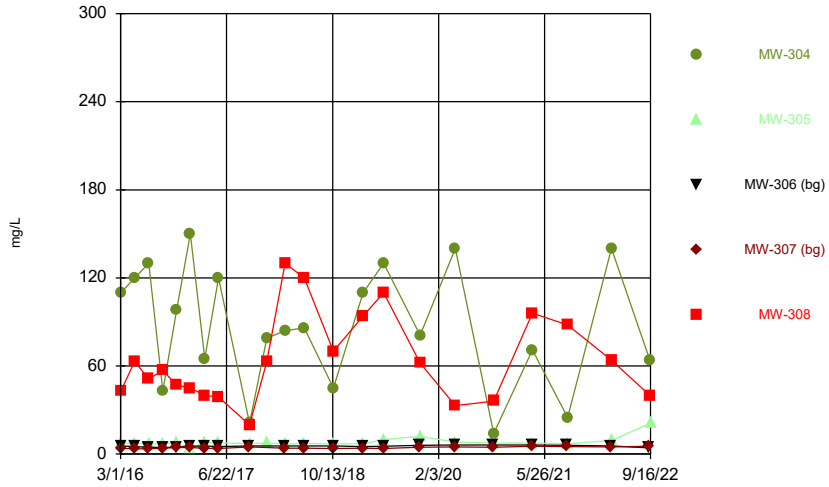
Time Series



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.

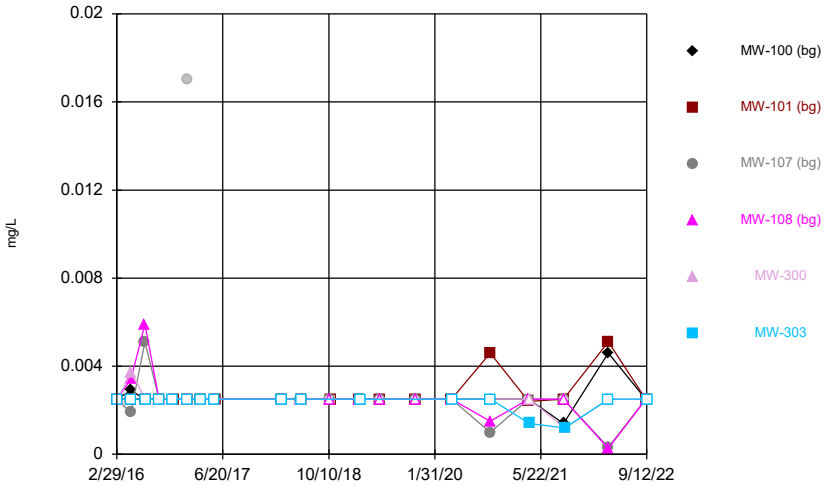
Time Series



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.

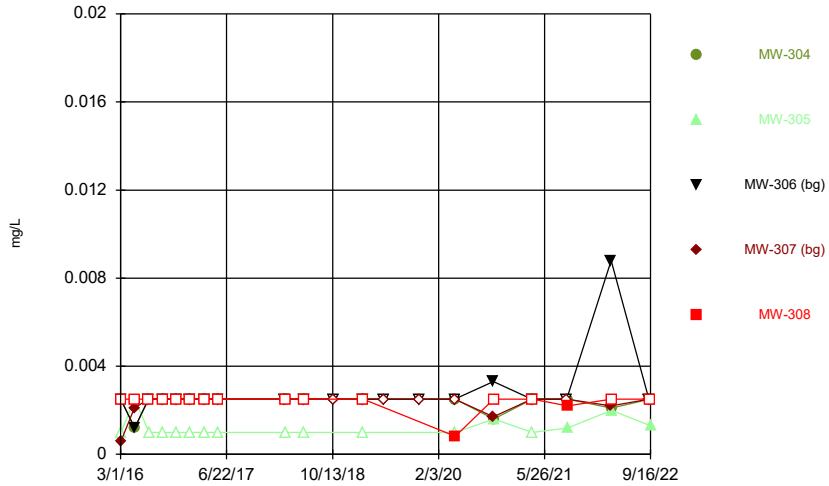
Time Series



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.

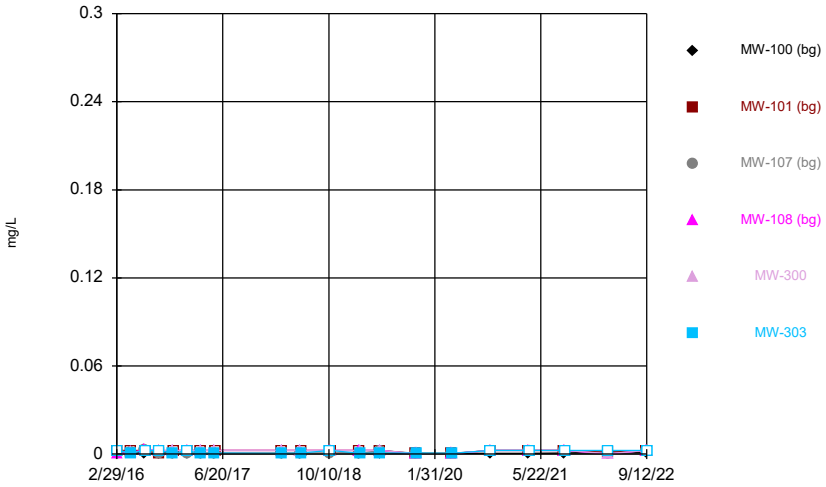
Time Series



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.

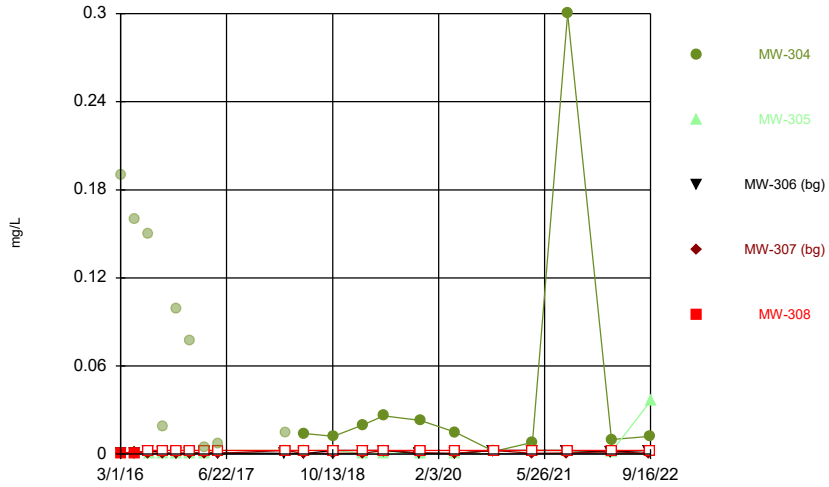
Time Series



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.

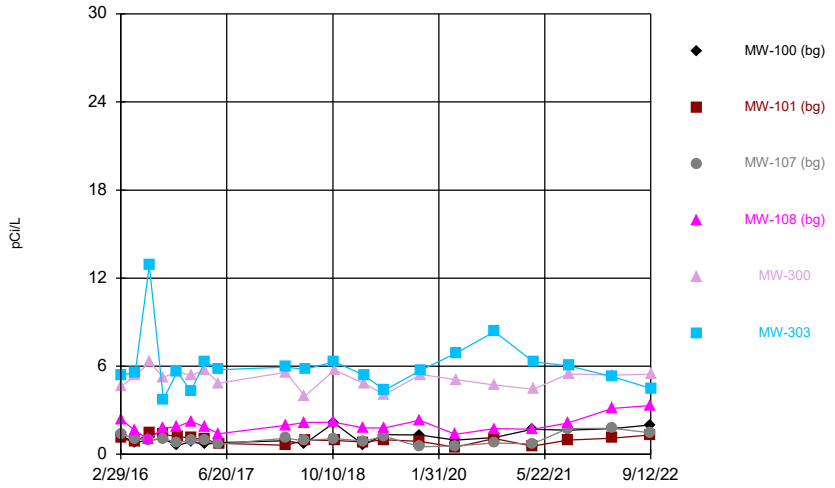
Time Series



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

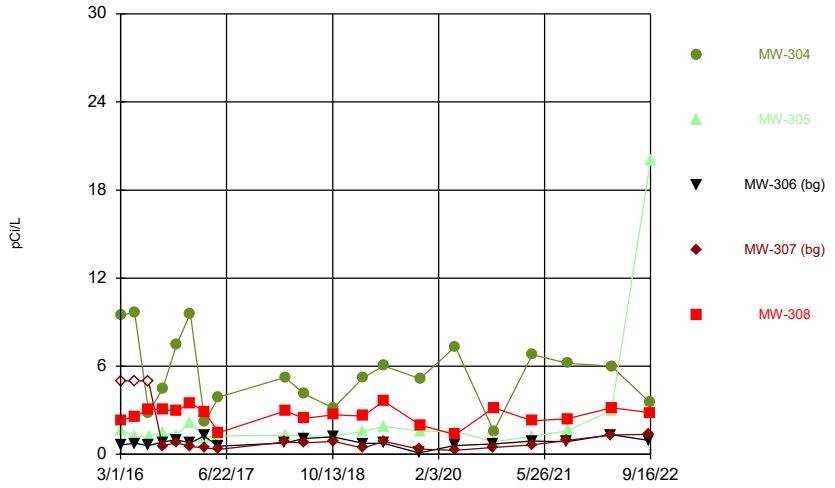
Time Series



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.

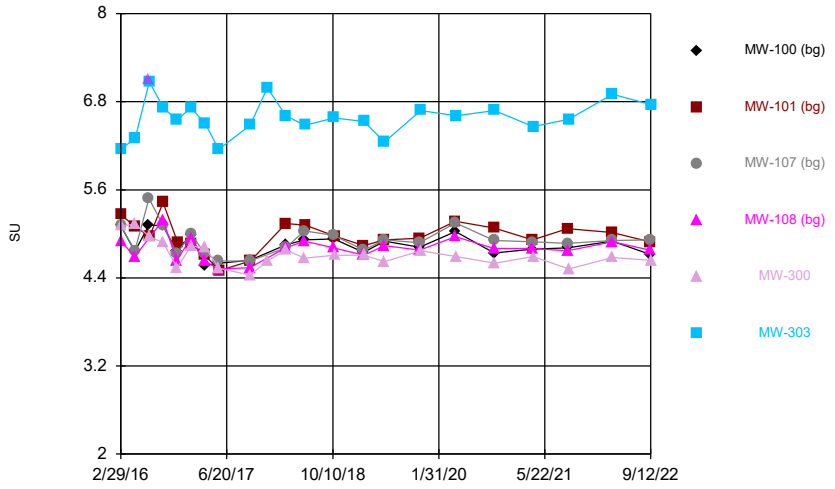
Time Series



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

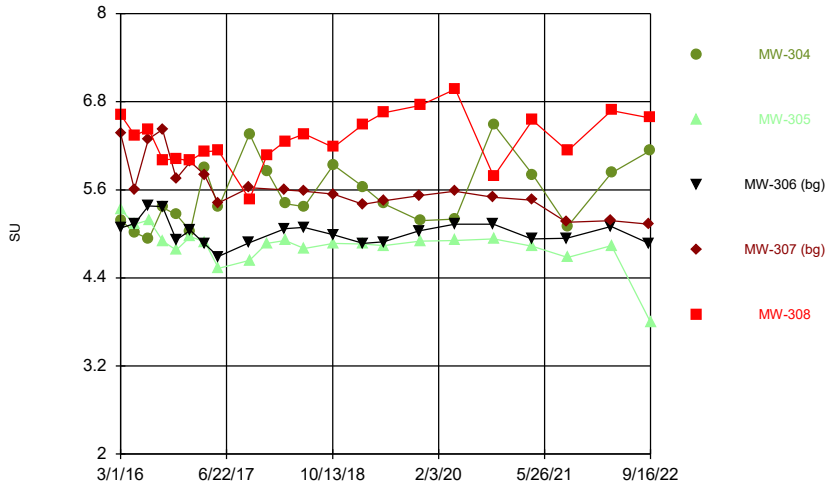
Time Series



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

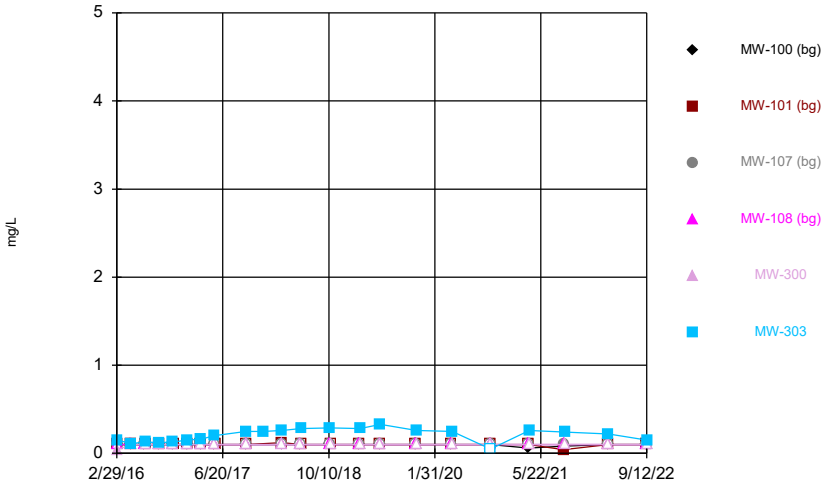
Time Series



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.

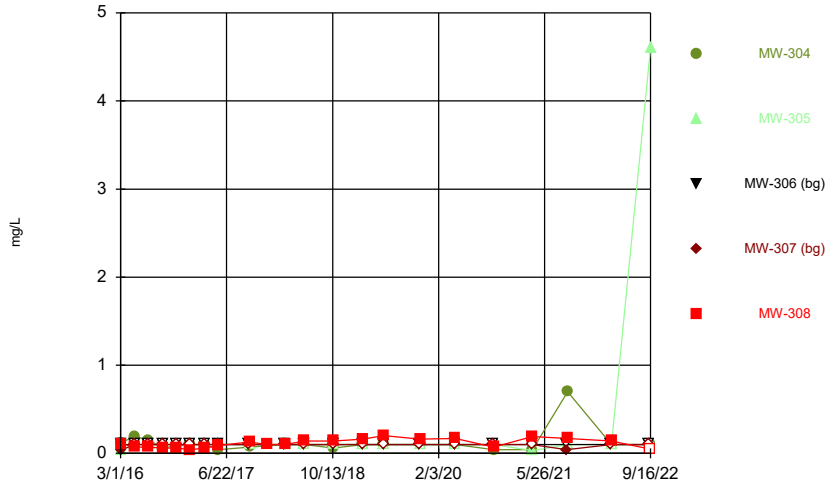
Time Series



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.

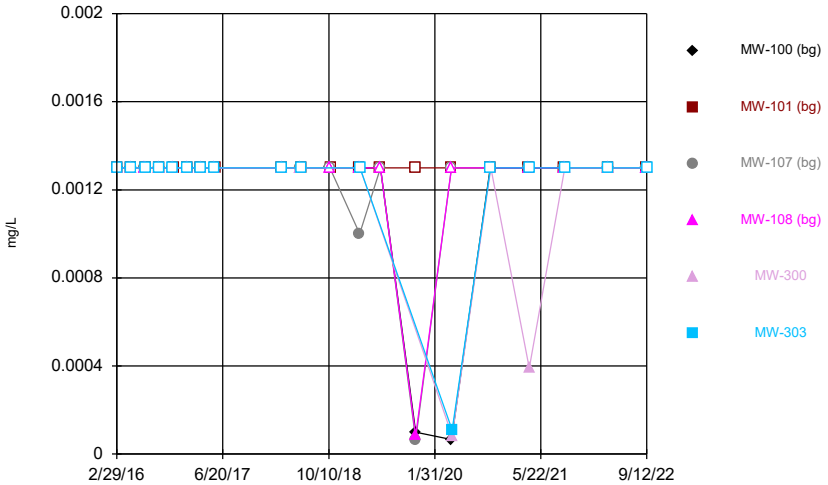
Time Series



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.

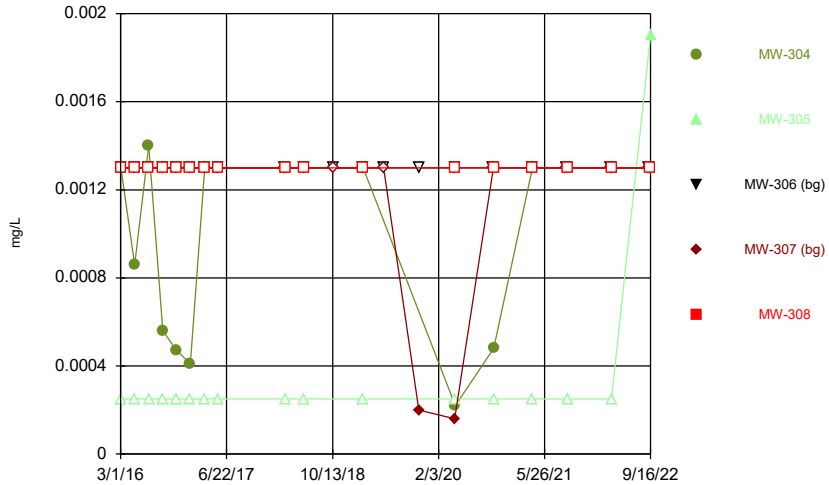
Time Series



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.

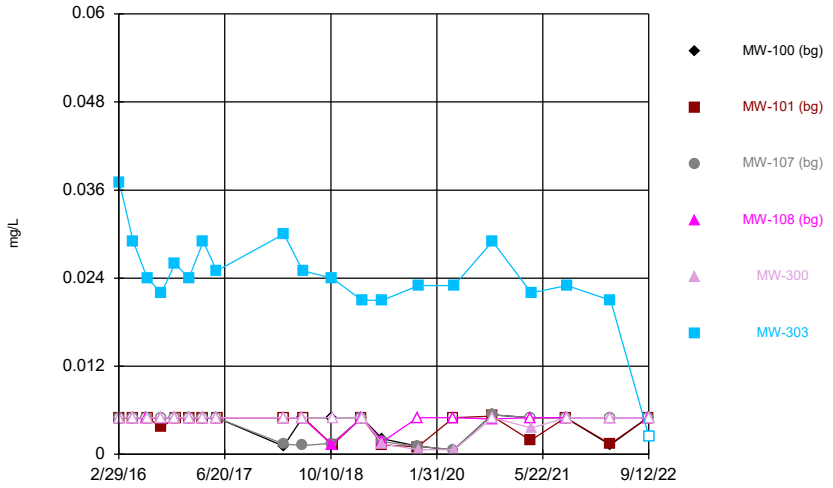
Time Series



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.

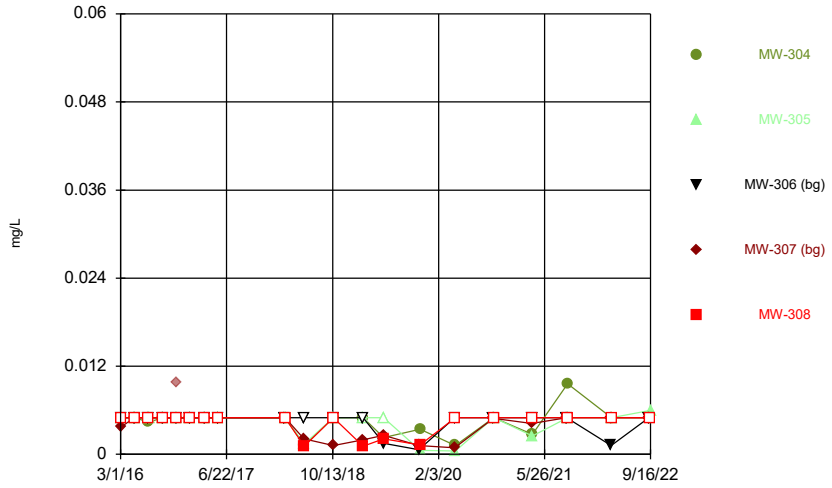
Time Series



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.

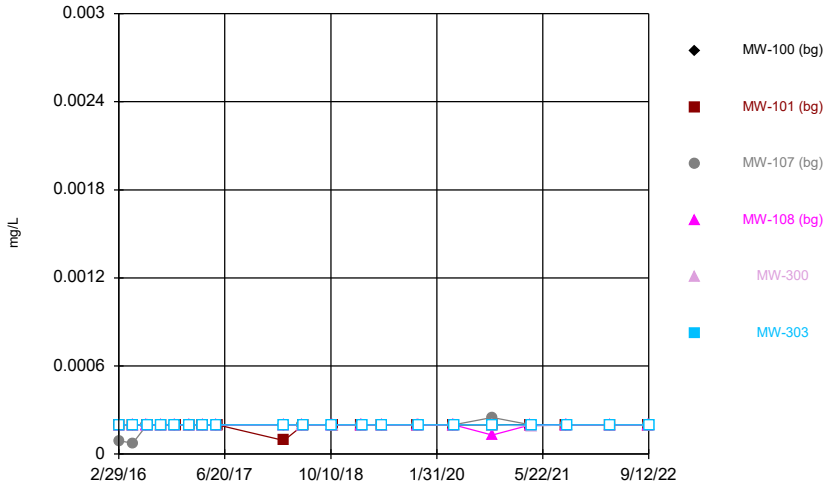
Time Series



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.

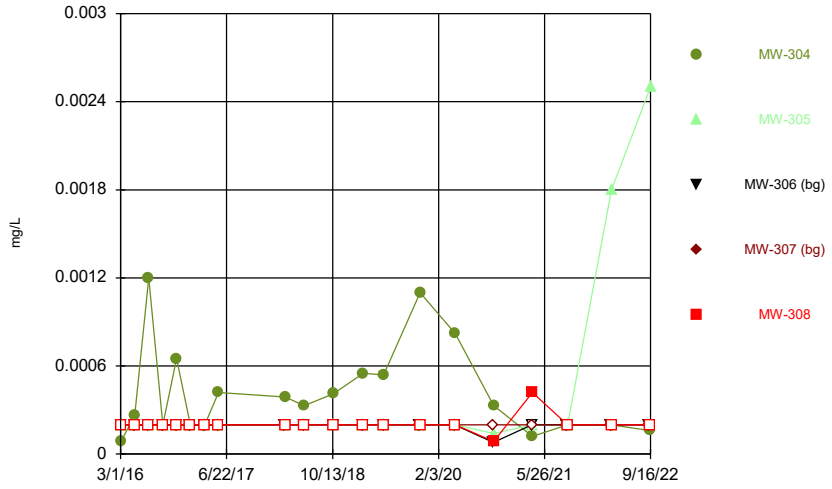
Time Series



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.

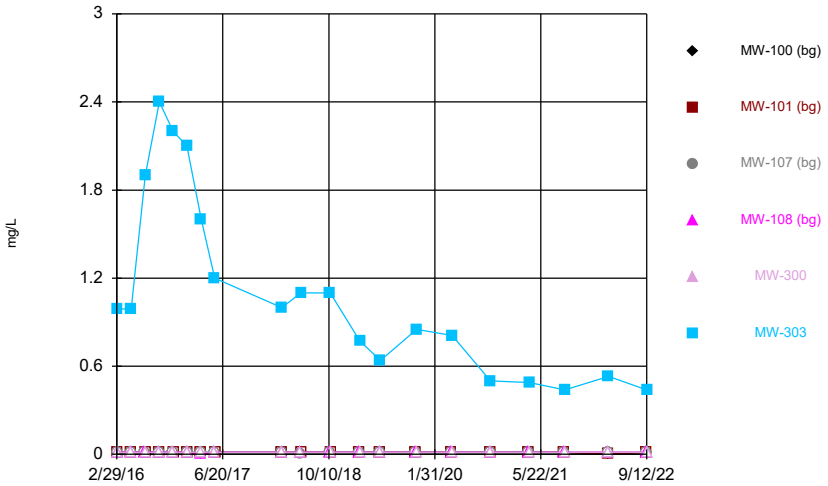
Time Series



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.

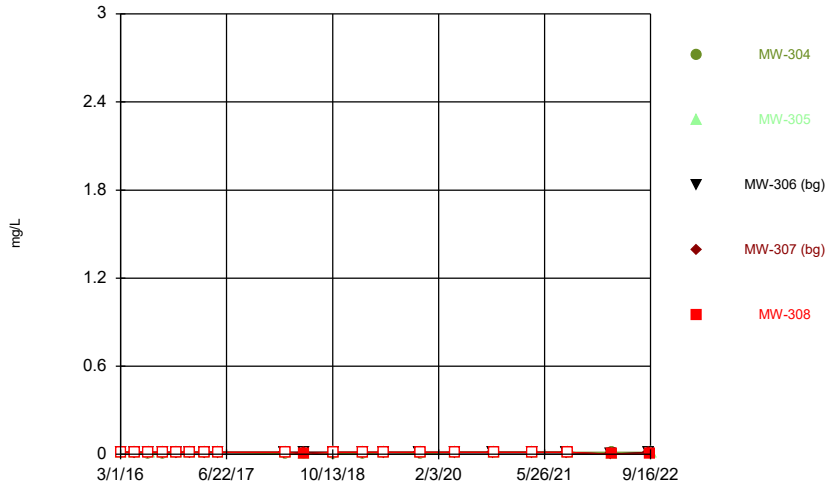
Time Series



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.

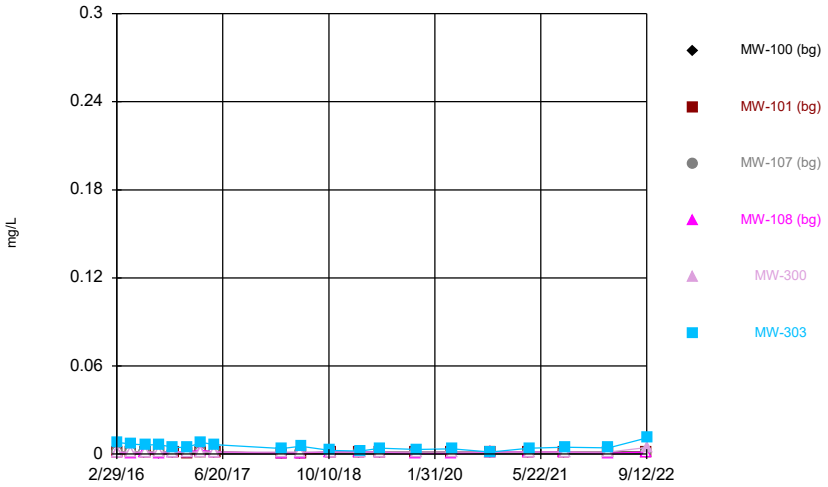
Time Series



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.

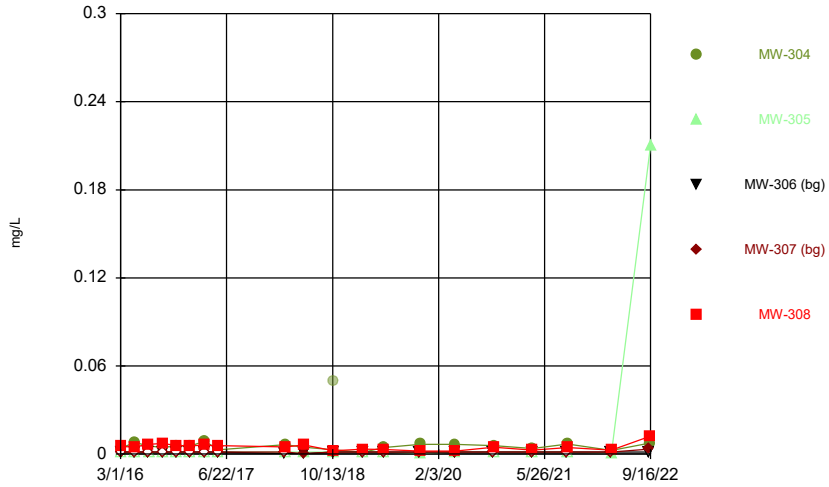
Time Series



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.

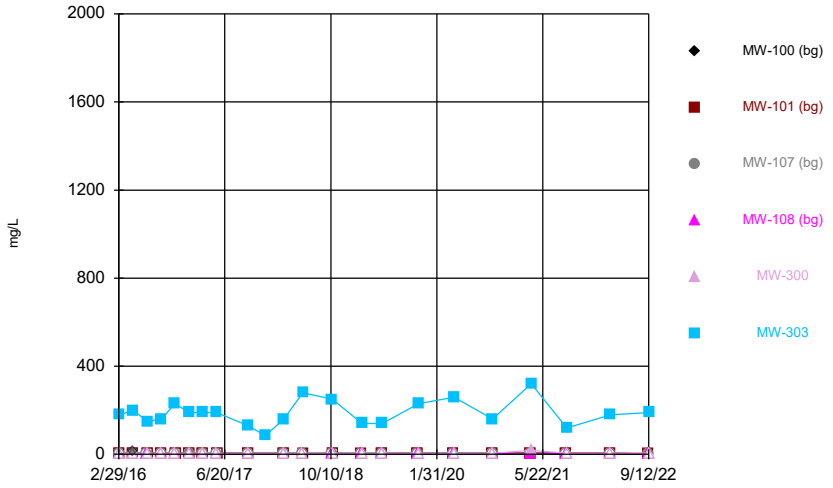
Time Series



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.

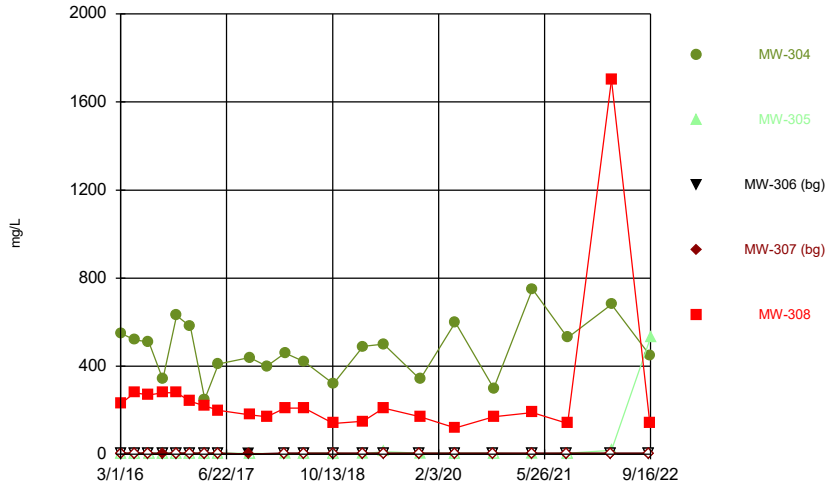
Time Series



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.

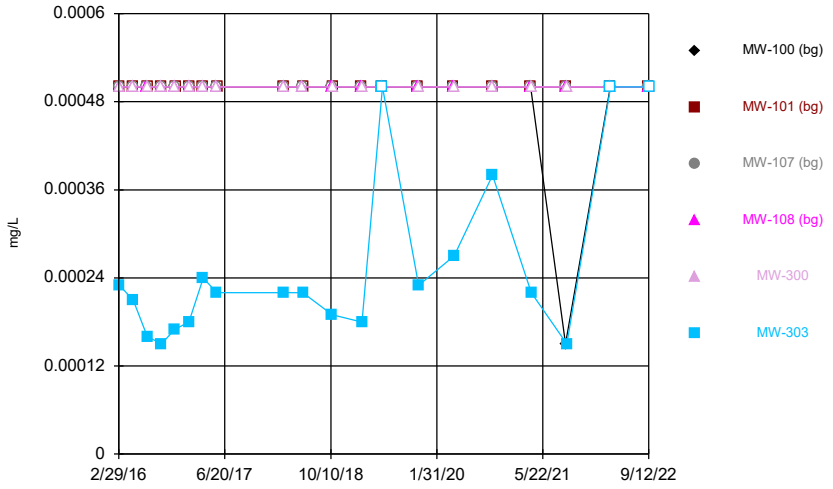
Time Series



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.

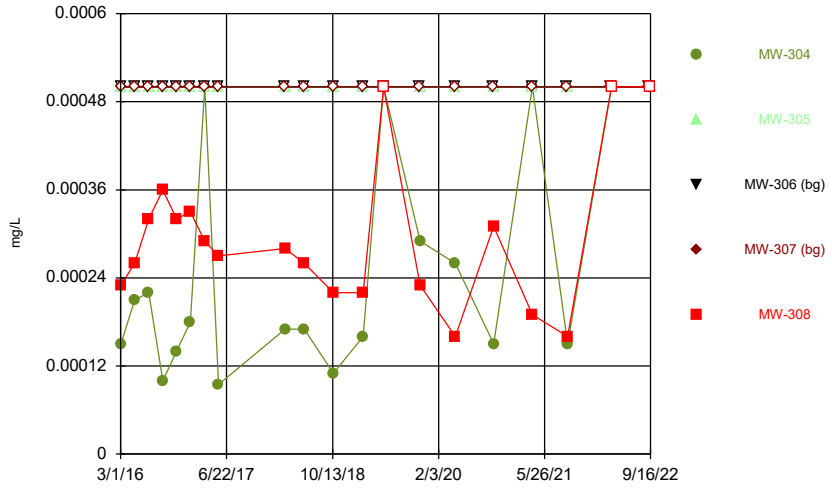
Time Series



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.

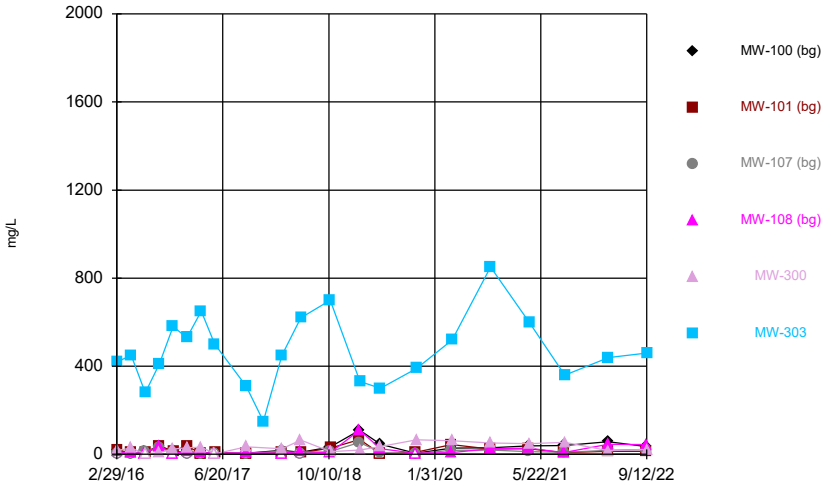
Time Series



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.

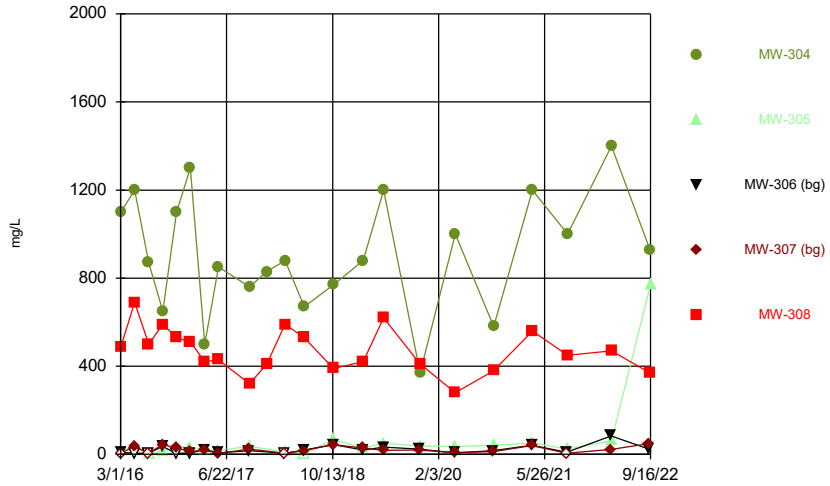
Time Series



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)

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			

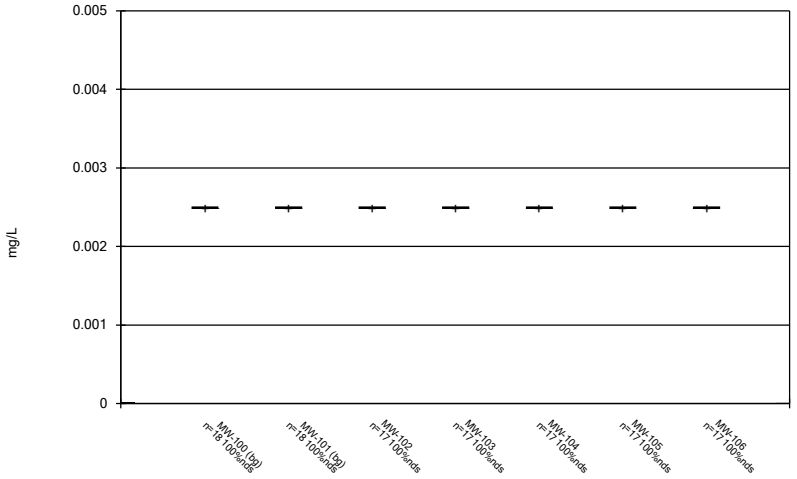
ND substitution: RL or RL/2 if <15% NDs.

Box Plots - 100, 200 & 300 Series

100 Series

Sanitas™ v.9.6.36 . UG

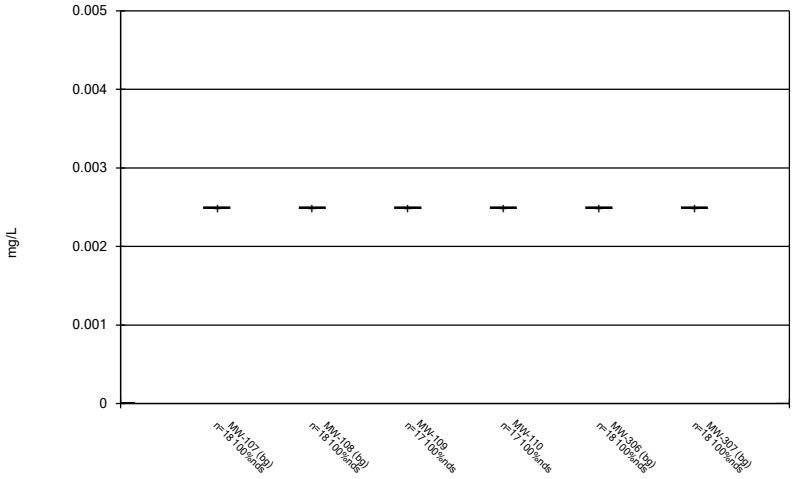
Box & Whiskers Plot



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

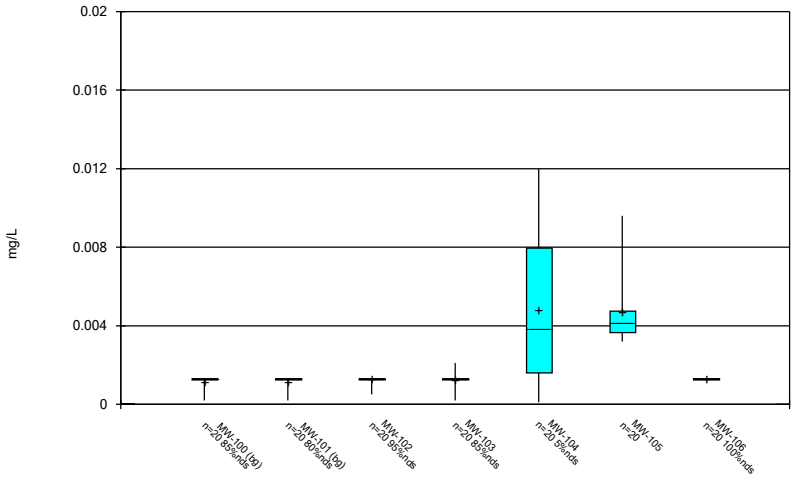
Box & Whiskers Plot



Constituent: 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

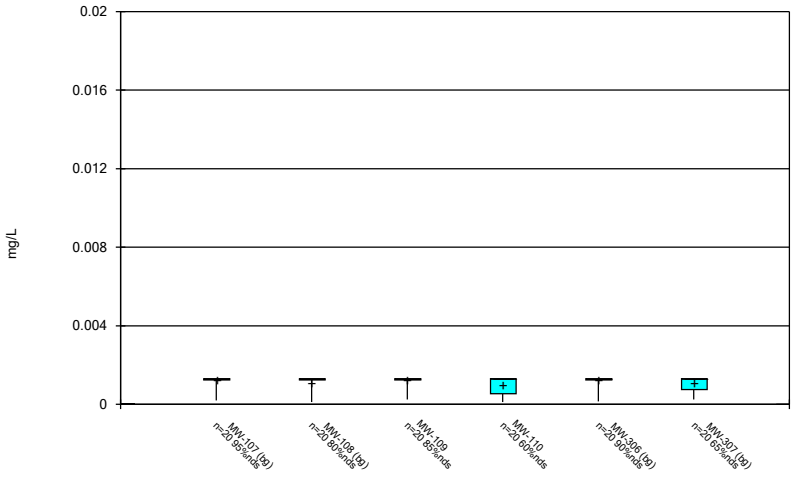
Box & Whiskers Plot



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

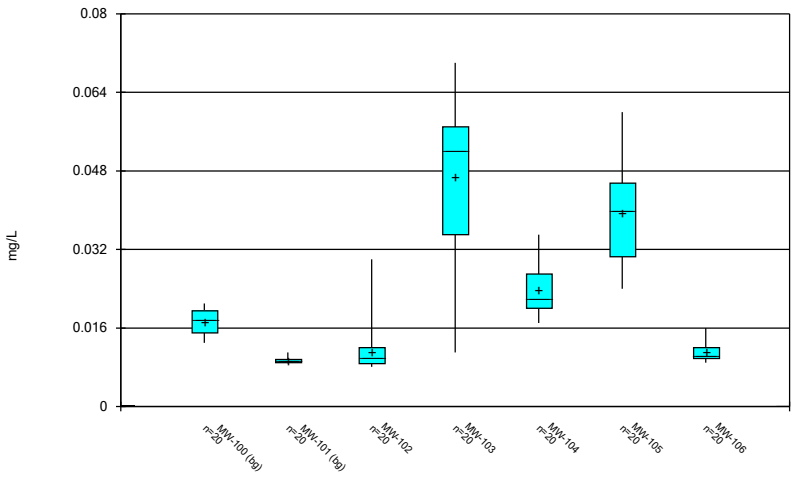
Box & Whiskers Plot



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

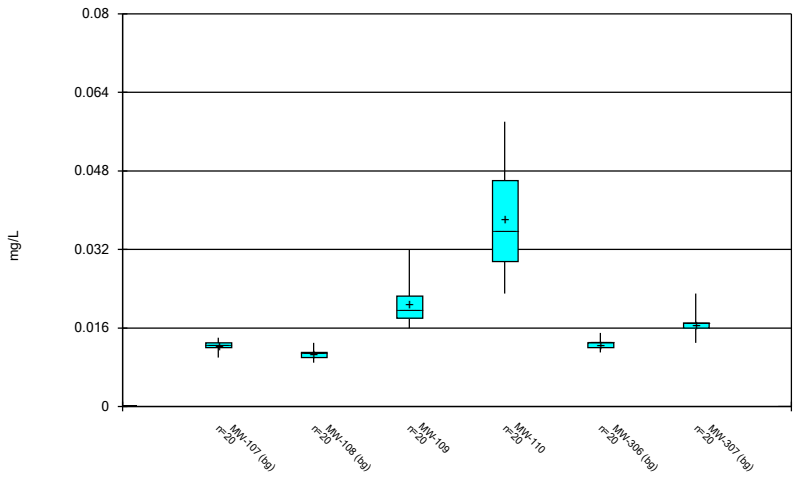
Box & Whiskers Plot



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

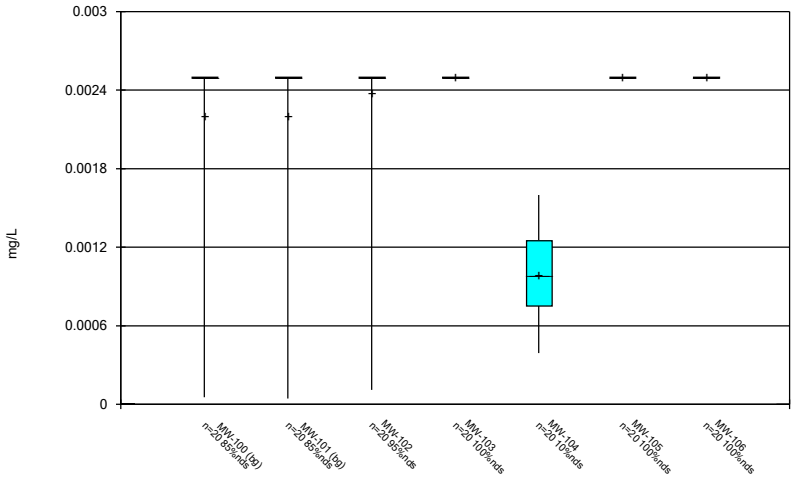
Box & Whiskers Plot



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

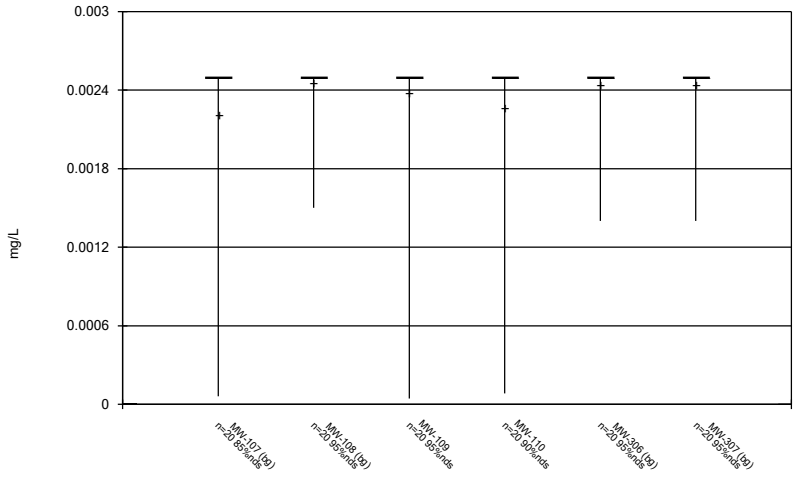
Box & Whiskers Plot



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

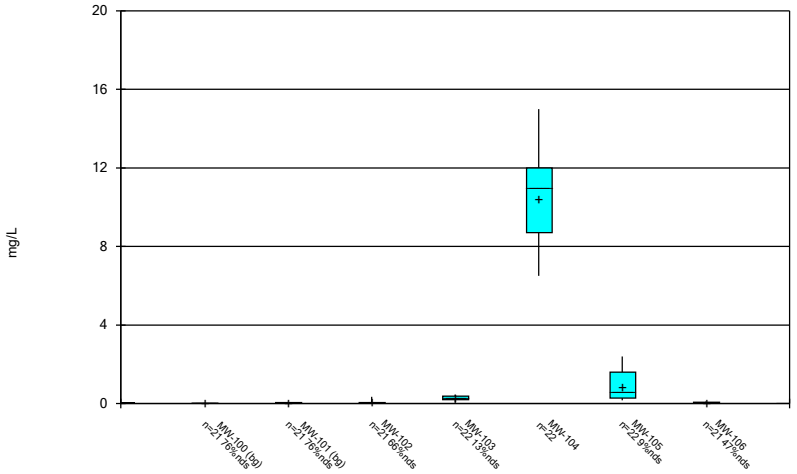
Box & Whiskers Plot



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

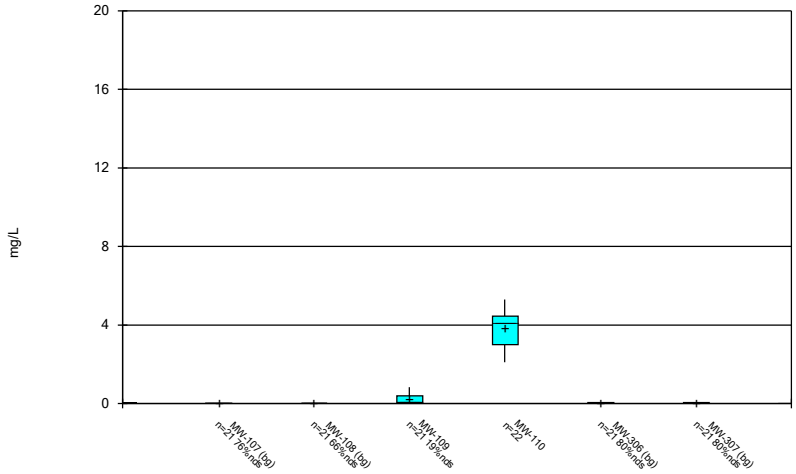
Box & Whiskers Plot



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

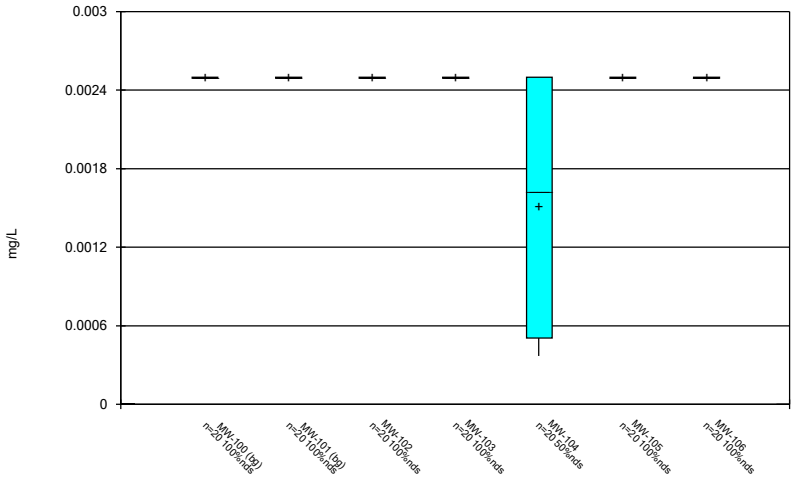
Box & Whiskers Plot



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

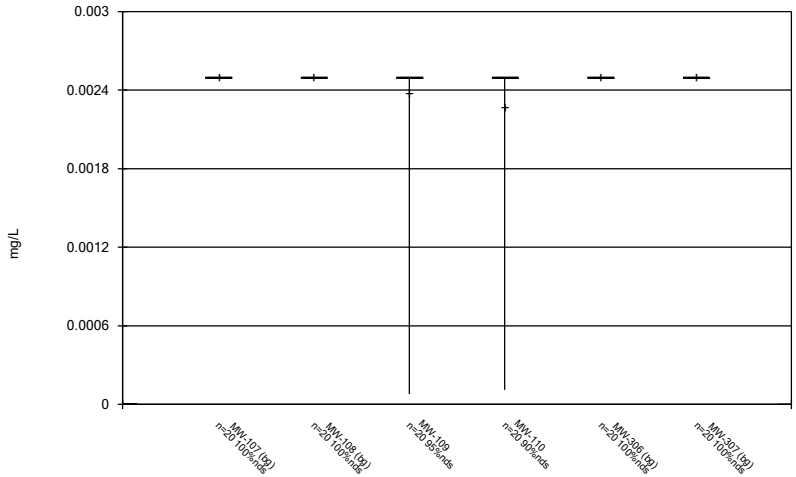
Box & Whiskers Plot



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

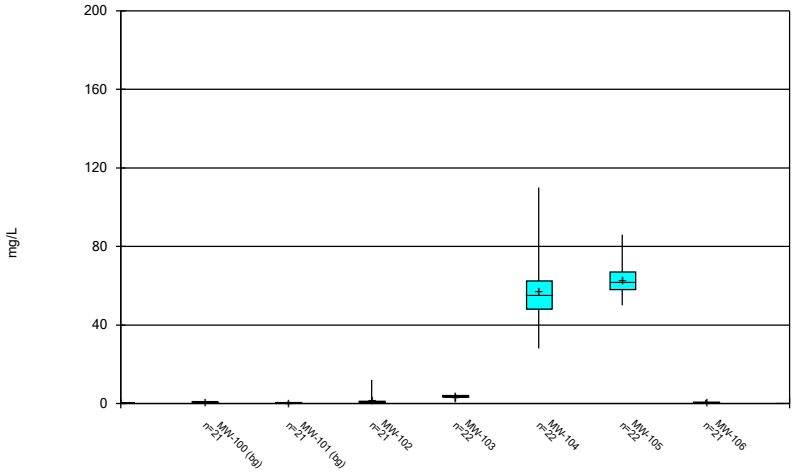
Box & Whiskers Plot



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

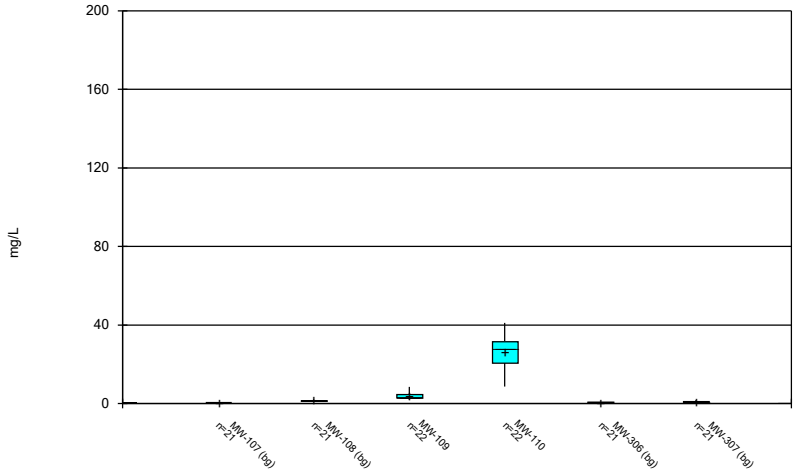
Box & Whiskers Plot



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

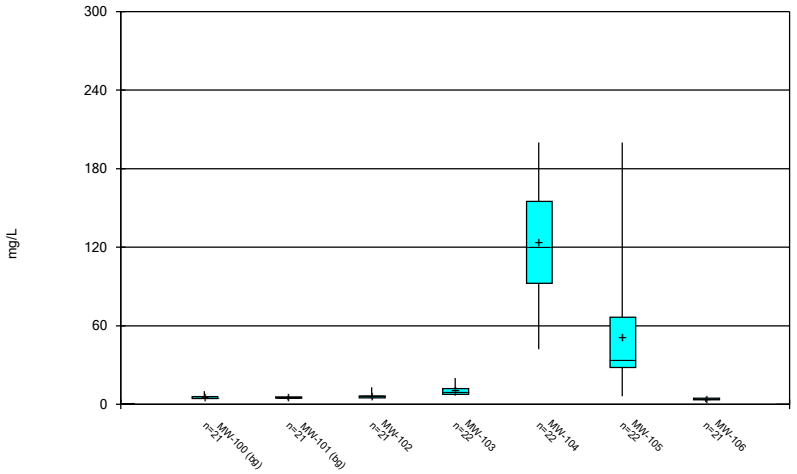
Box & Whiskers Plot



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

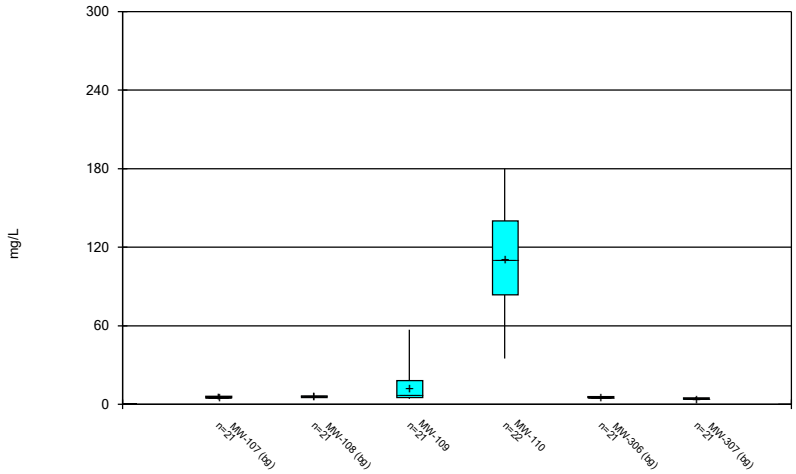
Box & Whiskers Plot



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

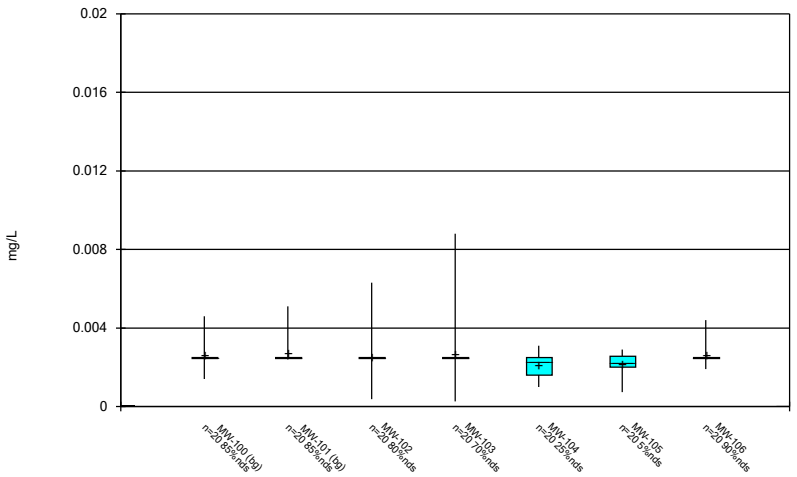
Box & Whiskers Plot



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

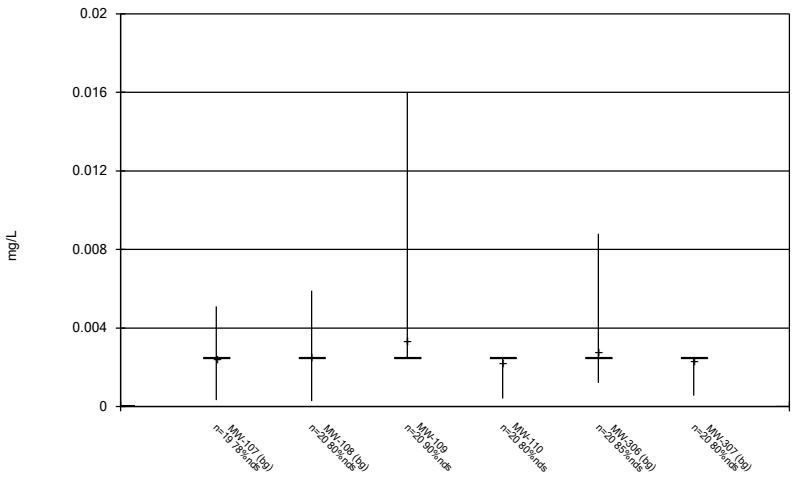
Box & Whiskers Plot



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

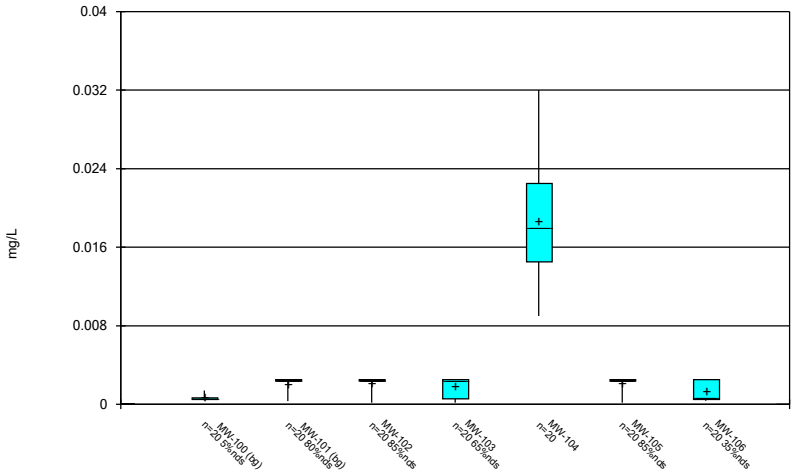
Box & Whiskers Plot



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

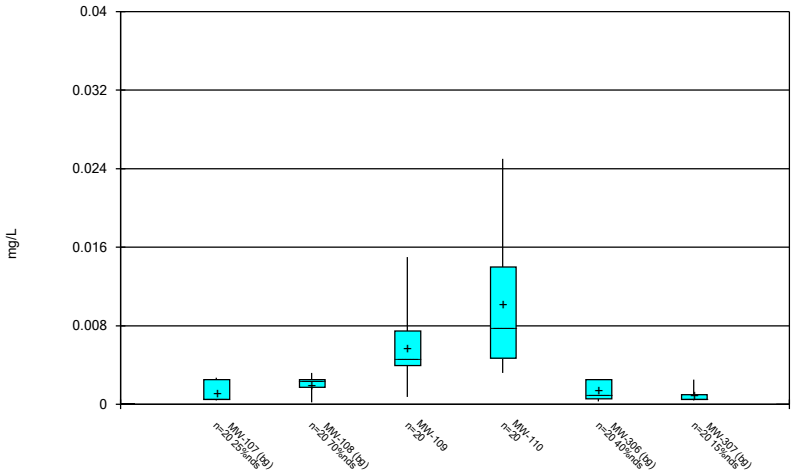
Box & Whiskers Plot



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

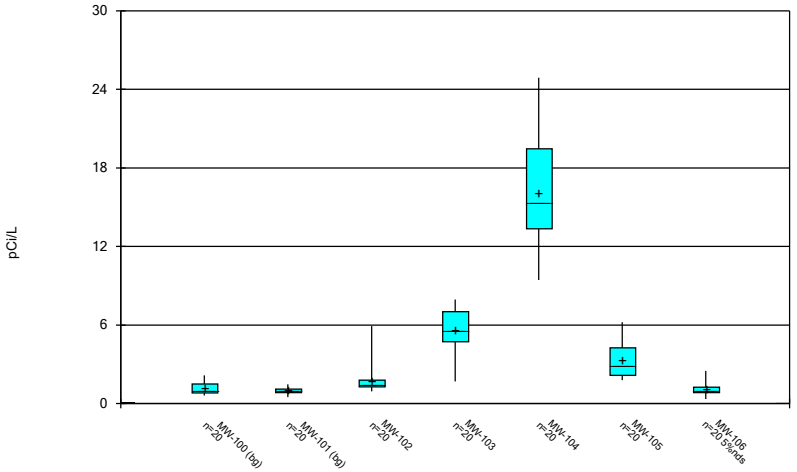
Box & Whiskers Plot



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

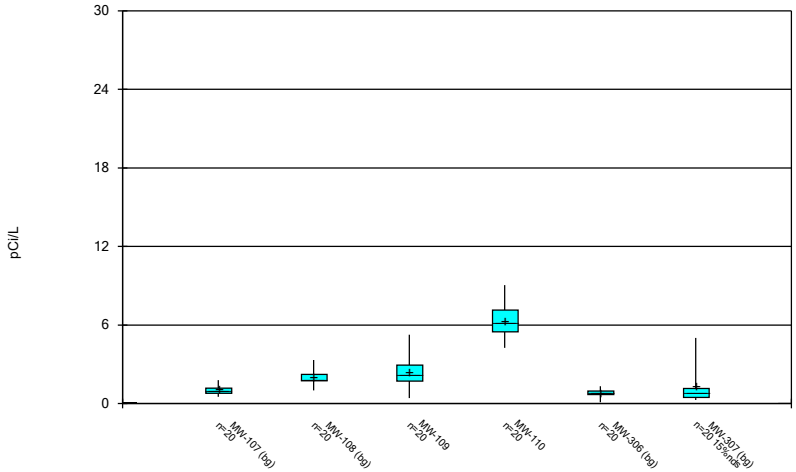
Box & Whiskers Plot



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

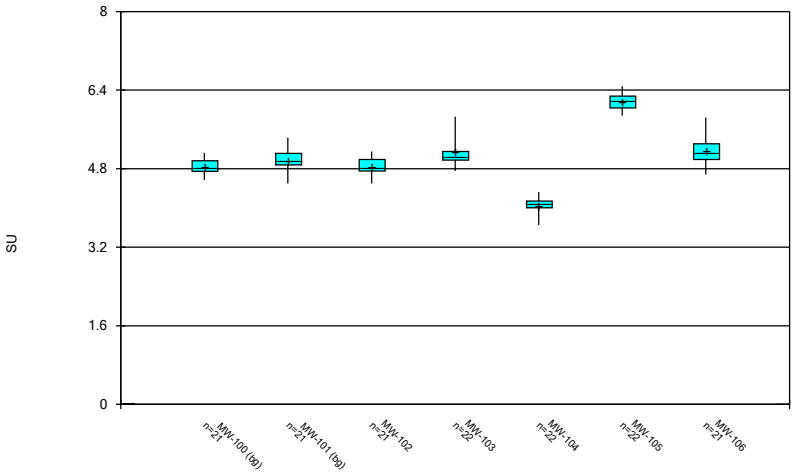
Box & Whiskers Plot



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

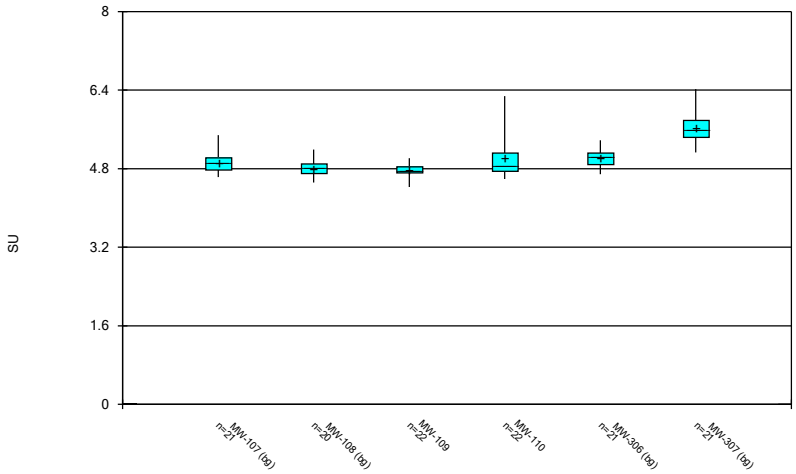
Box & Whiskers Plot



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

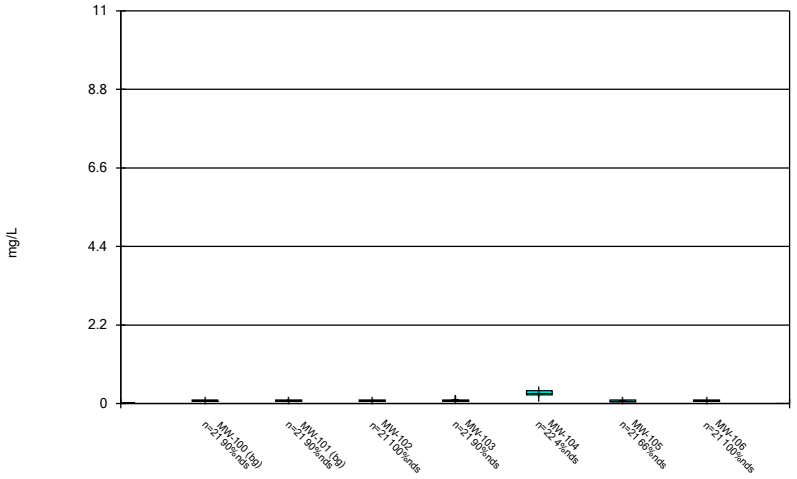
Box & Whiskers Plot



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

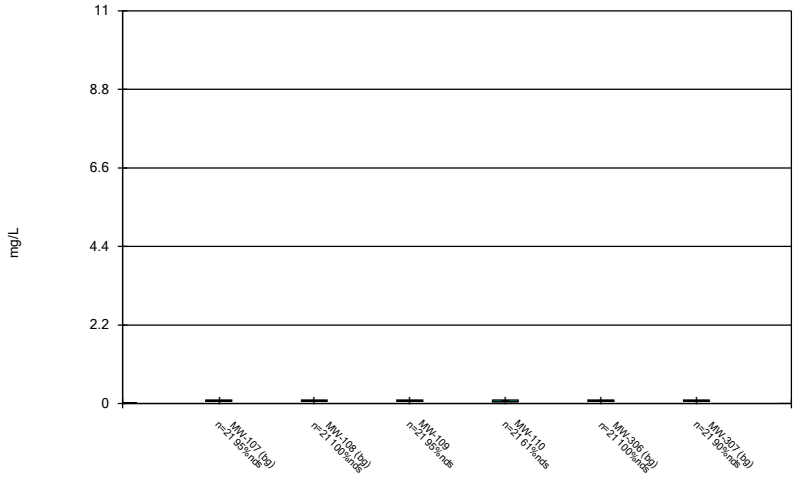


Constituent: Fluoride Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

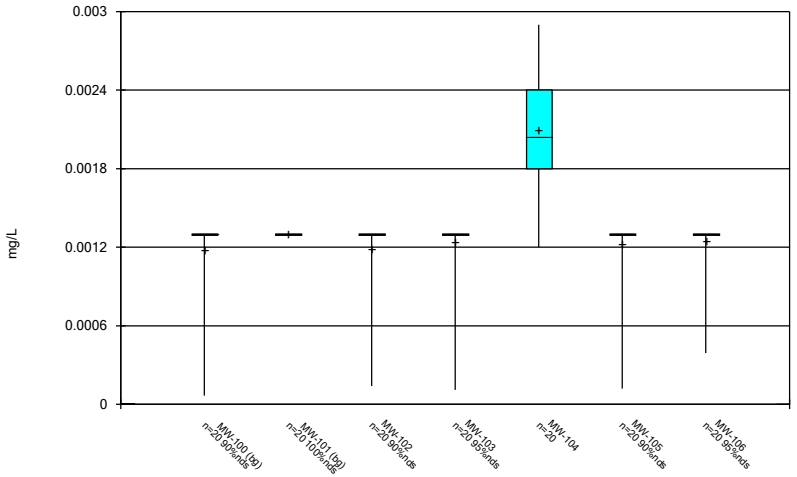


Constituent: Fluoride Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

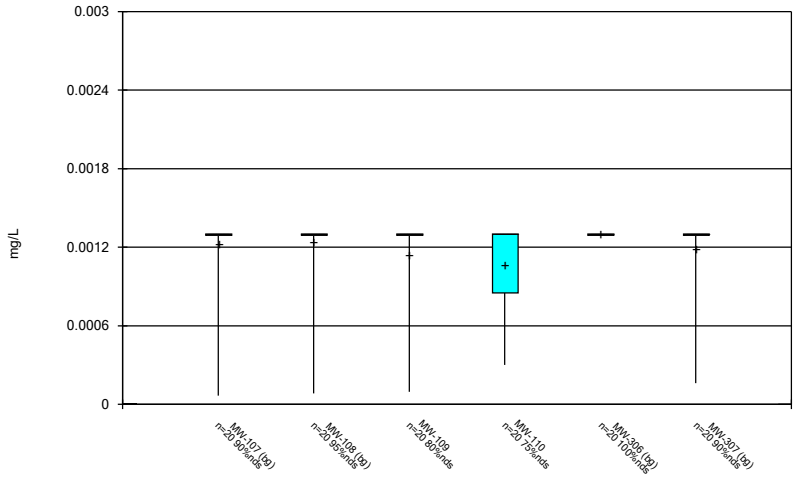


Constituent: Lead Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

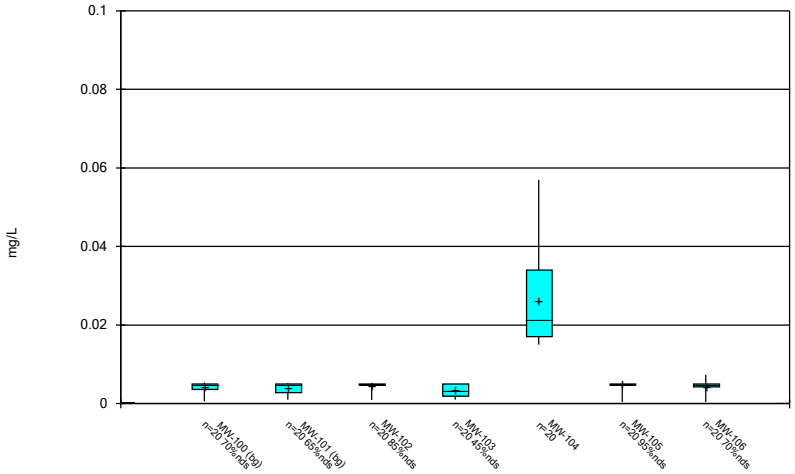


Constituent: Lead Analysis Run 1/12/2023 10:48 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

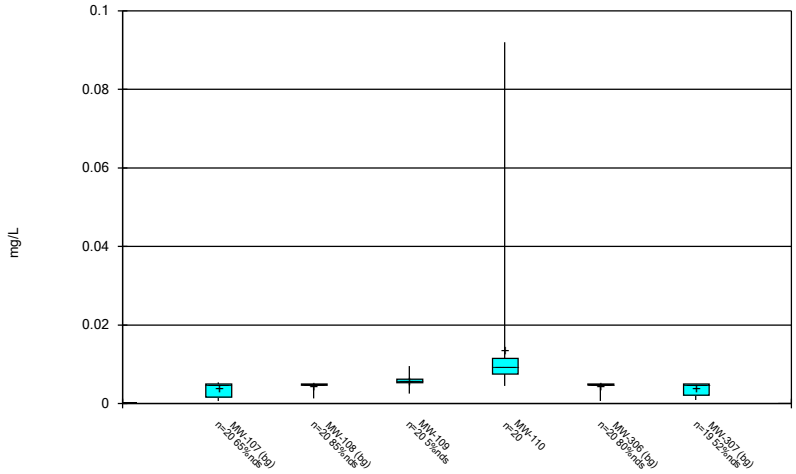


Constituent: Lithium Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

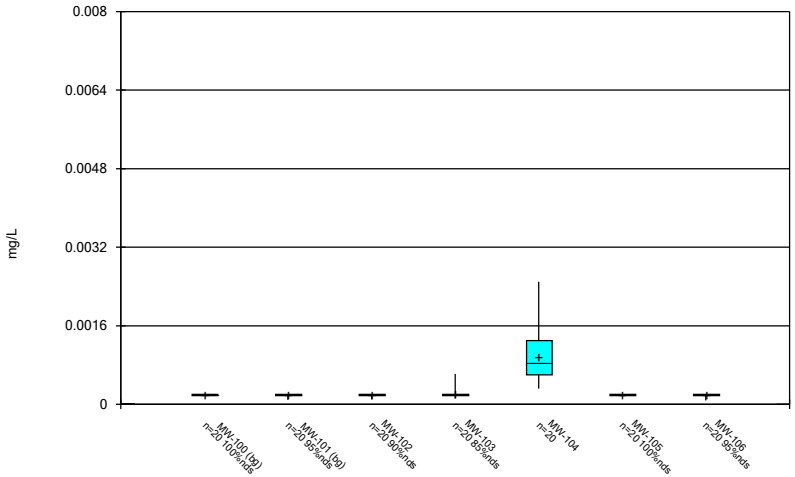


Constituent: Lithium Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

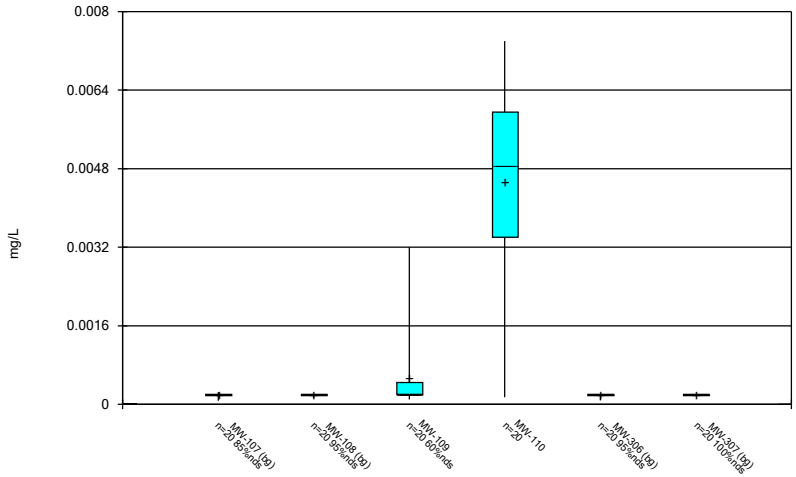


Constituent: Mercury Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

Box & Whiskers Plot

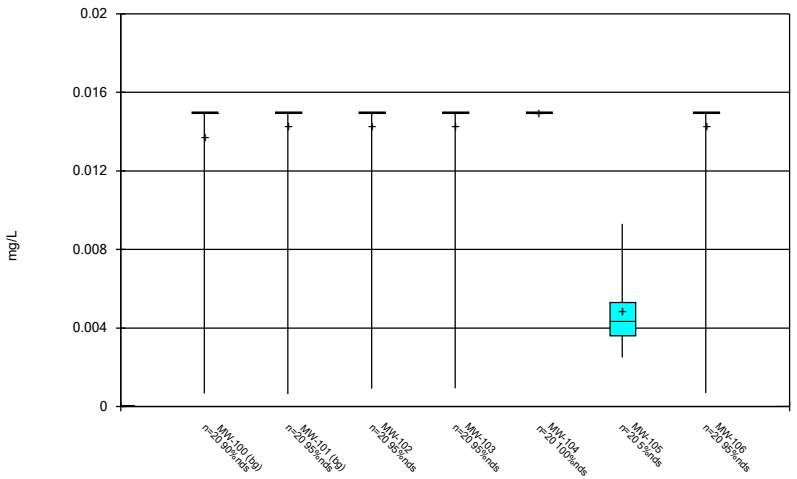


Constituent: Mercury Analysis Run 1/12/2023 10:49 PM View: 100 Series General

Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

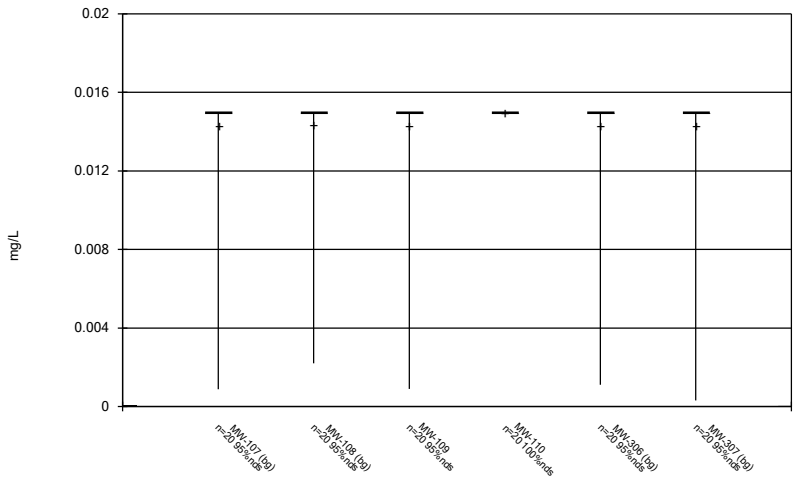
Box & Whiskers Plot



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

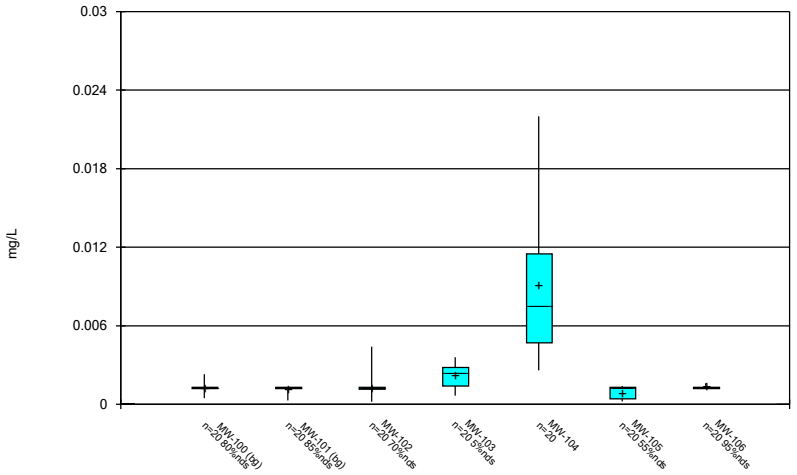
Box & Whiskers Plot



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

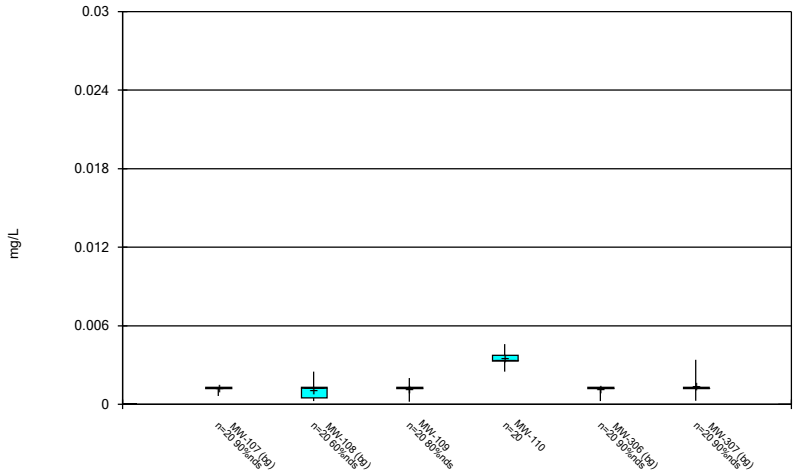
Box & Whiskers Plot



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

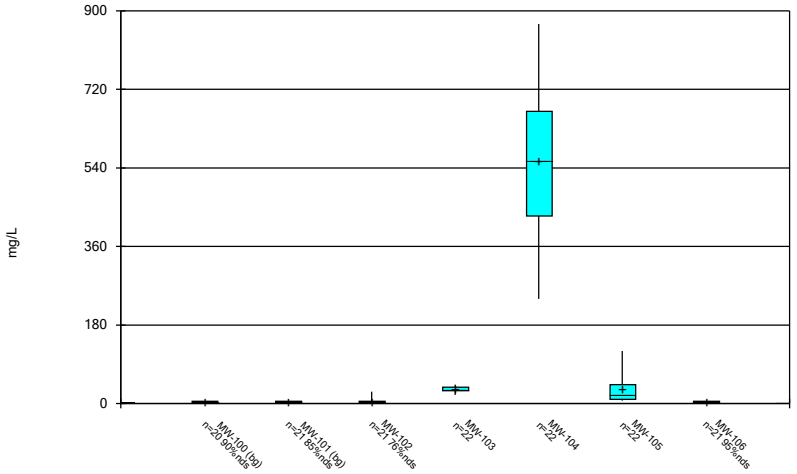
Box & Whiskers Plot



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

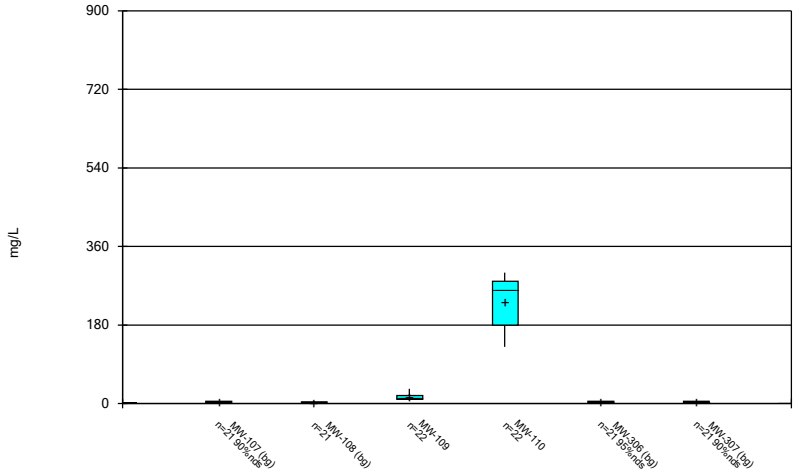
Box & Whiskers Plot



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

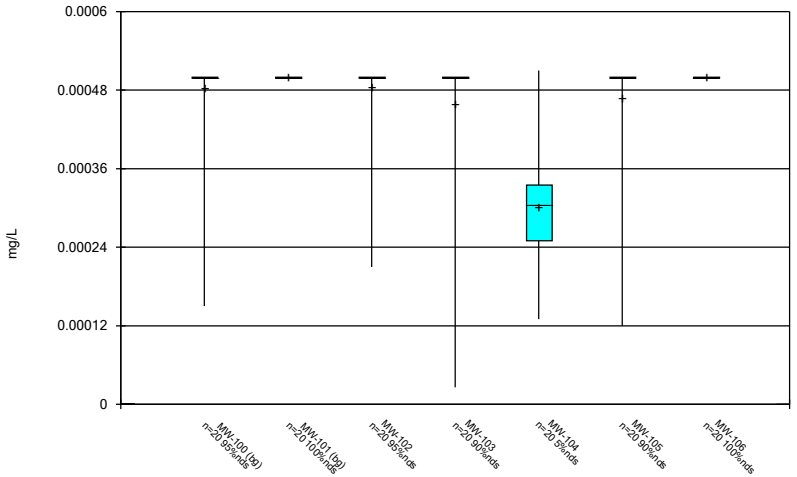
Box & Whiskers Plot



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

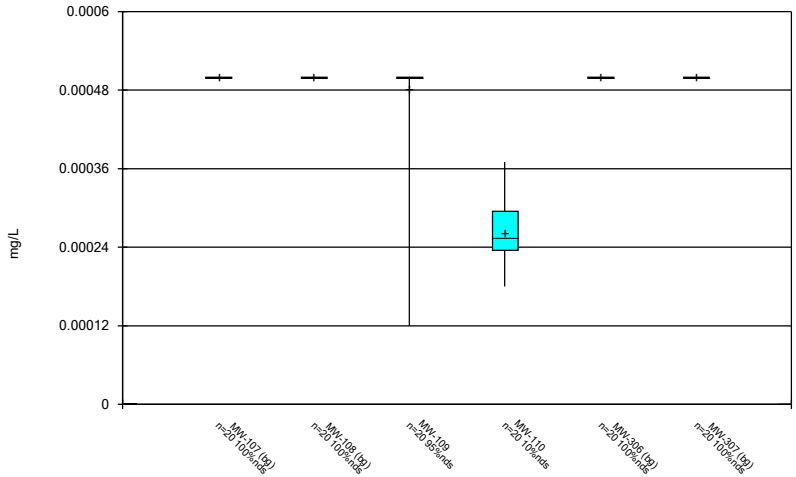
Box & Whiskers Plot



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

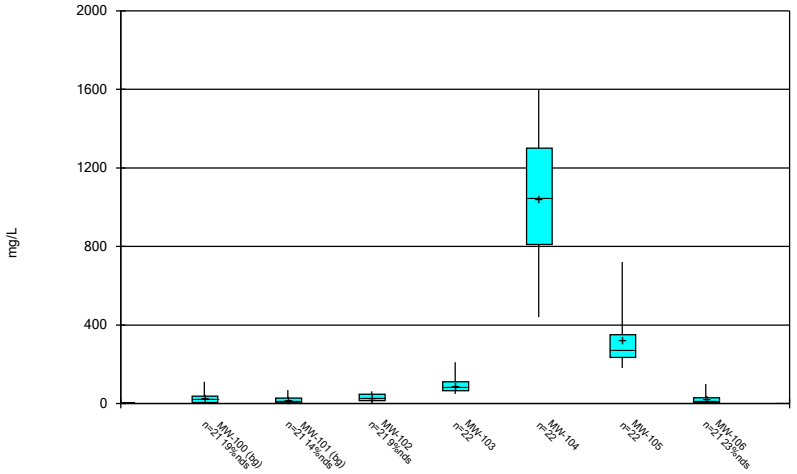
Sanitas™ v.9.6.36 . UG

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

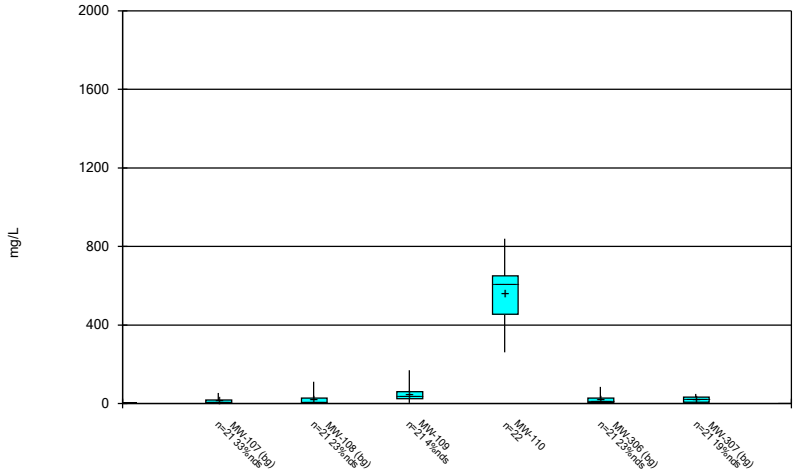
Box & Whiskers Plot



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

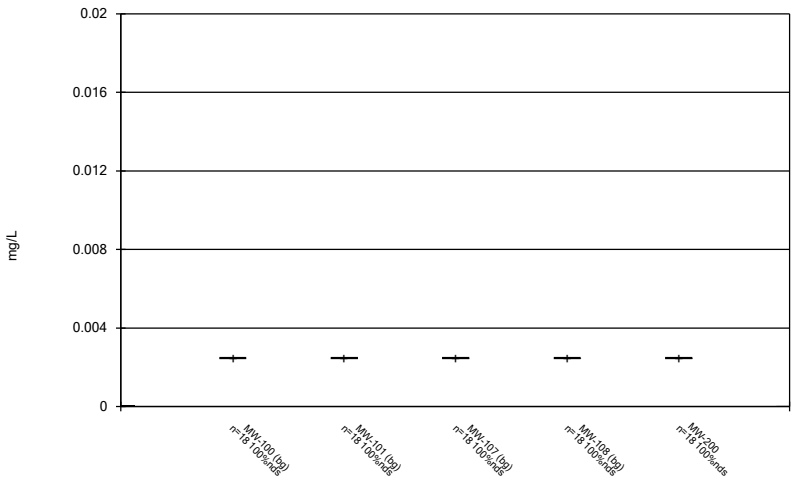


Constituent: Total Dissolved Solids Analysis Run 1/12/2023 10:49 PM View: 100 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

200 Series

Sanitas™ v.9.6.36 . UG

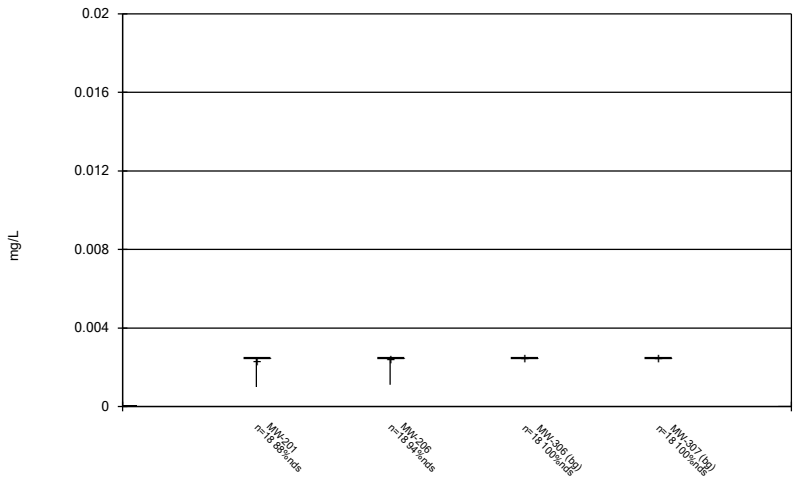
Box & Whiskers Plot



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

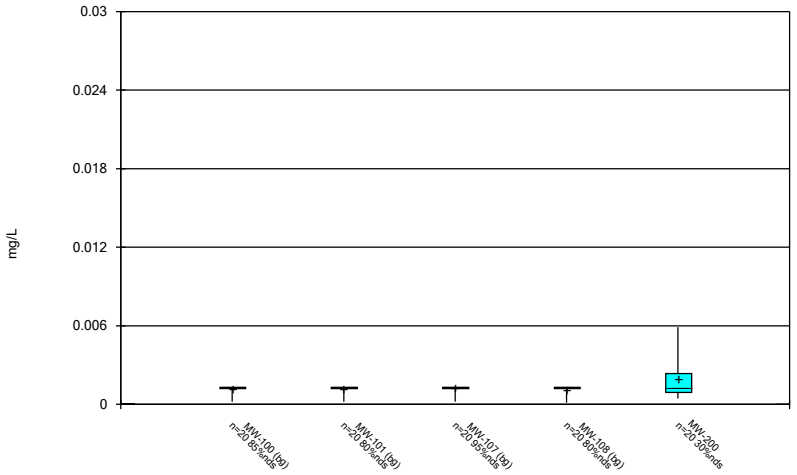
Box & Whiskers Plot



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

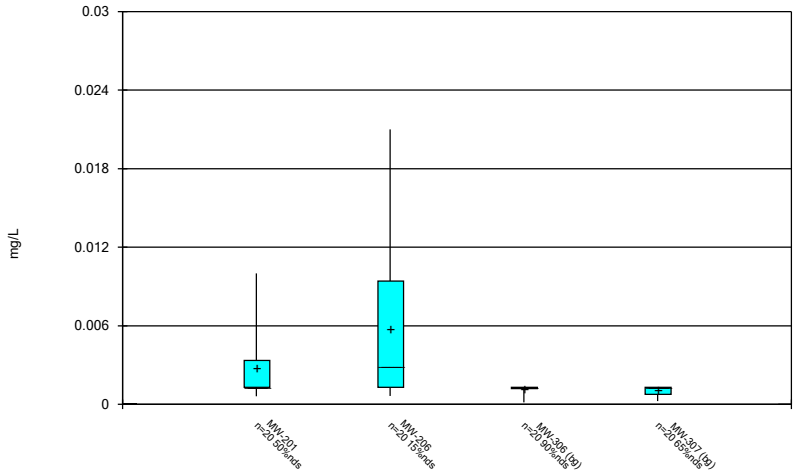
Box & Whiskers Plot



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

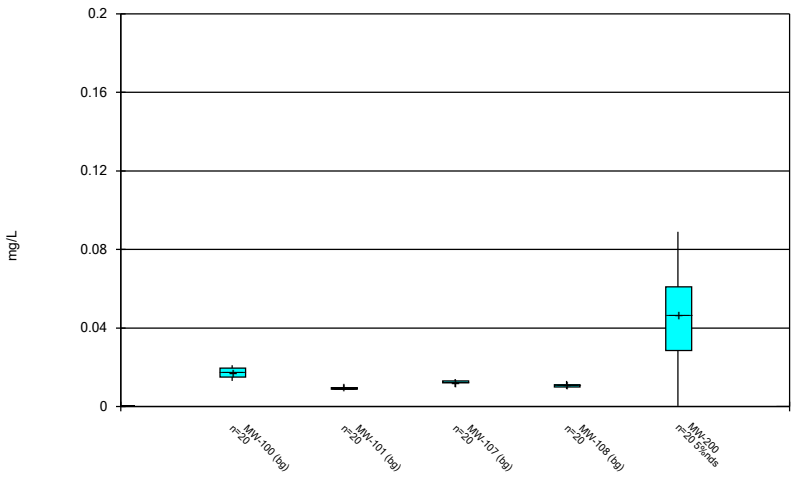
Box & Whiskers Plot



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

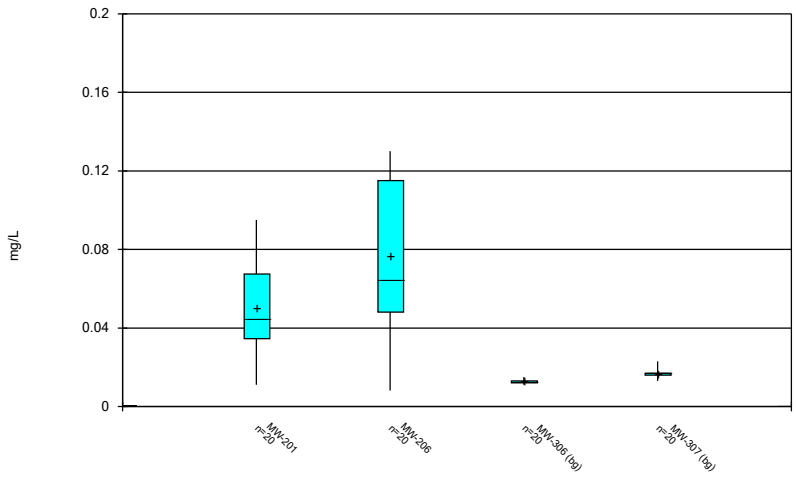
Box & Whiskers Plot



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

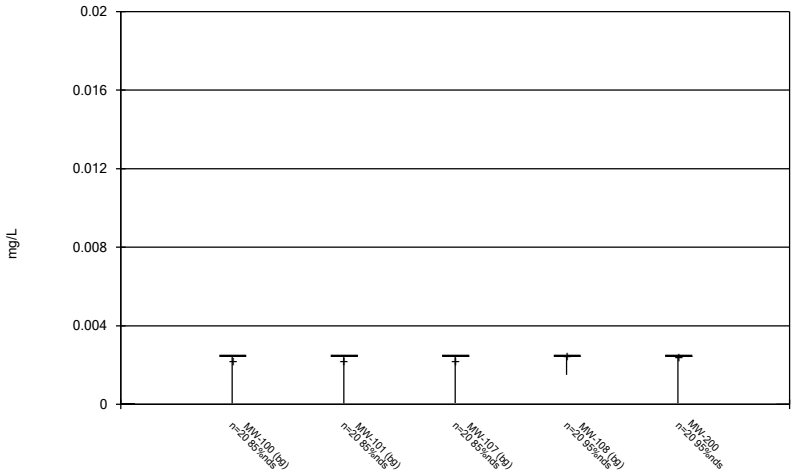
Box & Whiskers Plot



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

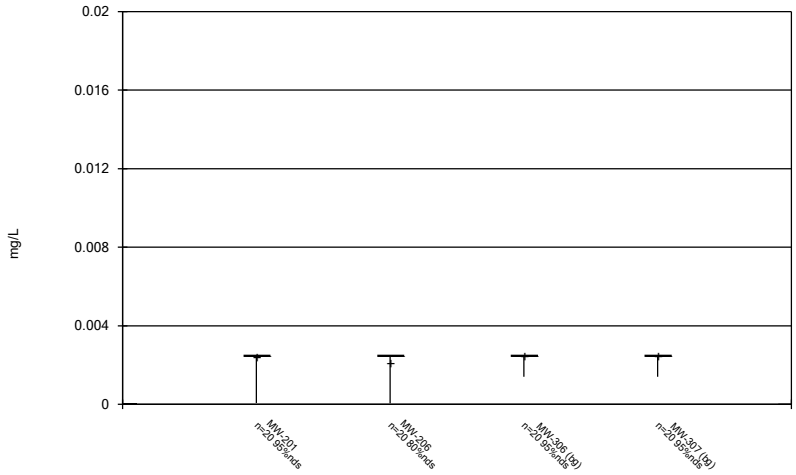
Box & Whiskers Plot



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

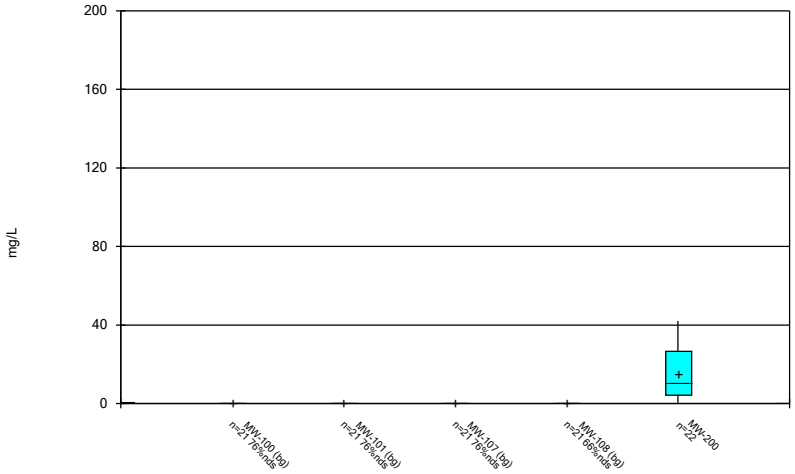
Box & Whiskers Plot



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

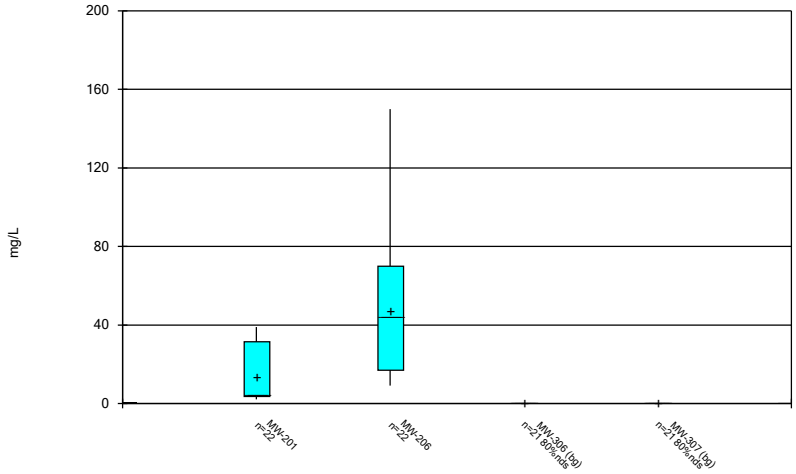
Box & Whiskers Plot



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

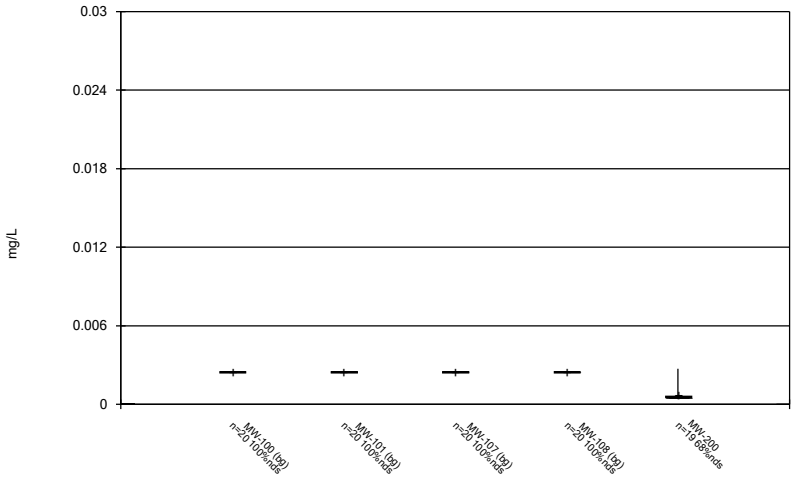
Box & Whiskers Plot



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

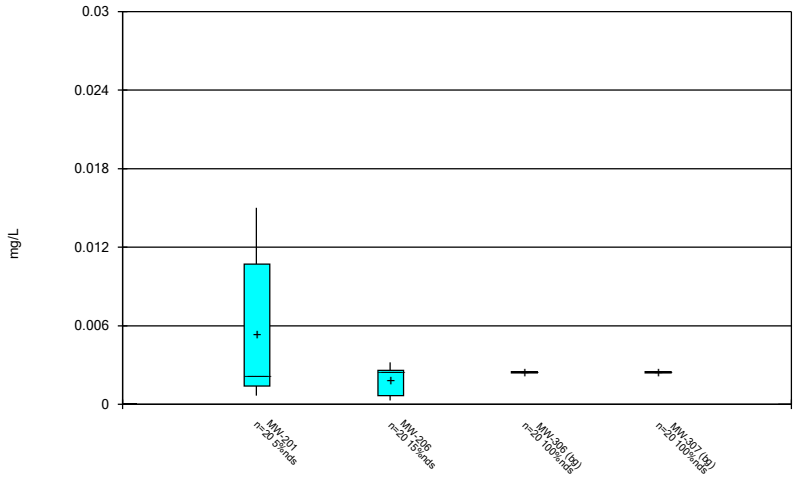
Box & Whiskers Plot



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

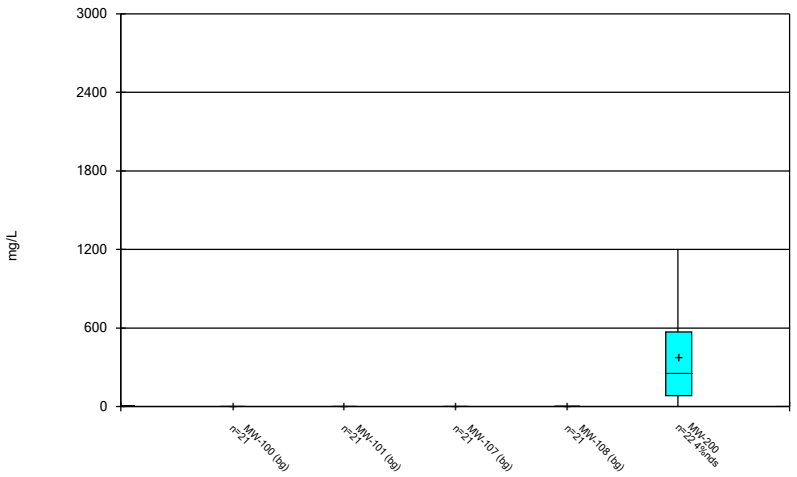
Box & Whiskers Plot



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

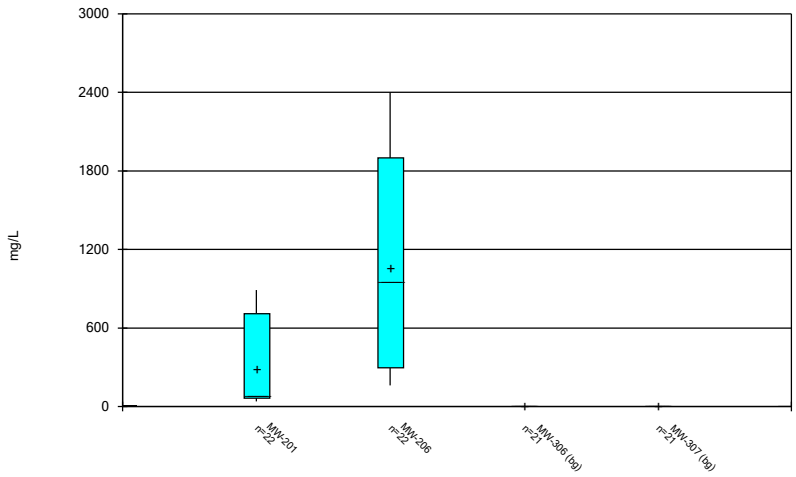
Box & Whiskers Plot



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

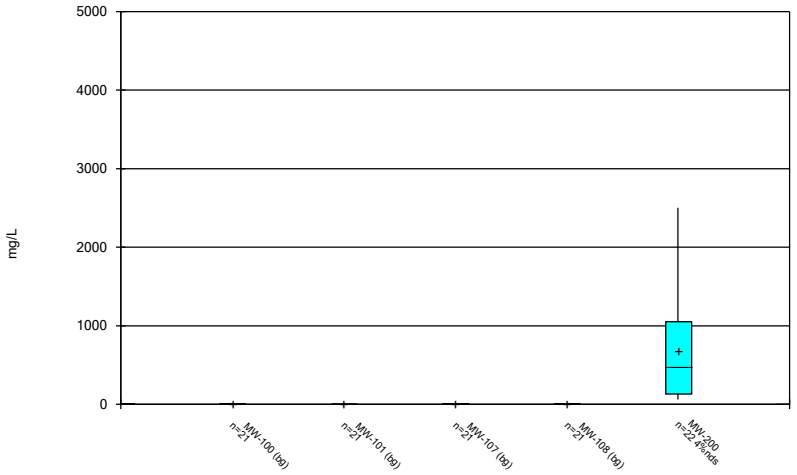
Box & Whiskers Plot



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

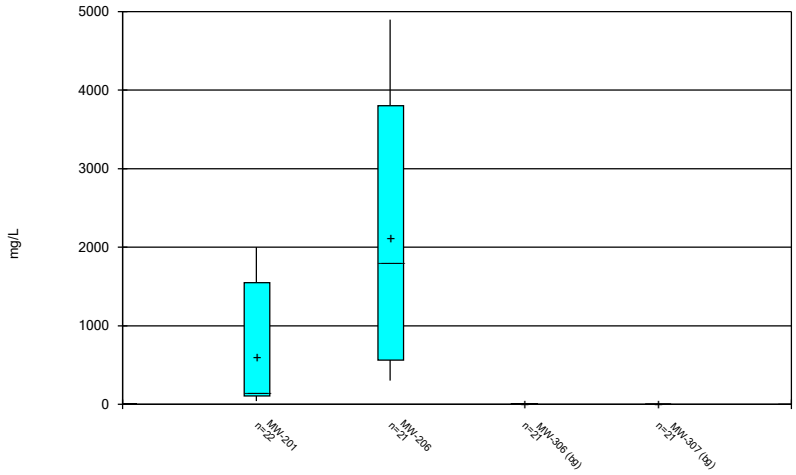
Box & Whiskers Plot



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

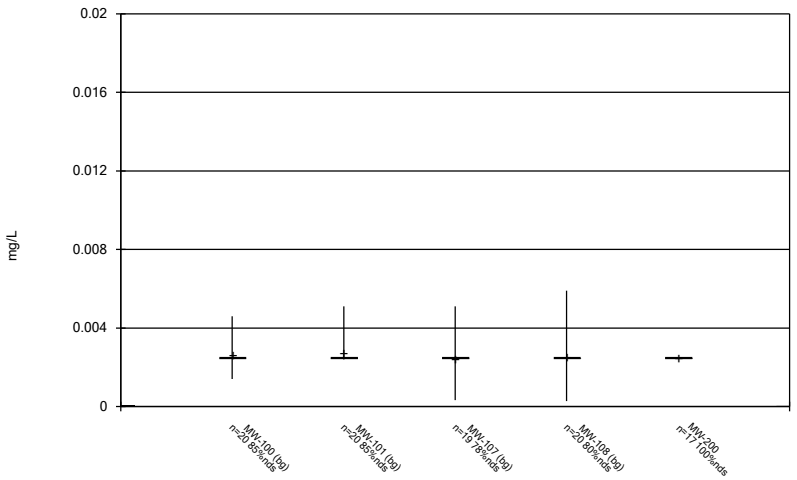
Box & Whiskers Plot



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

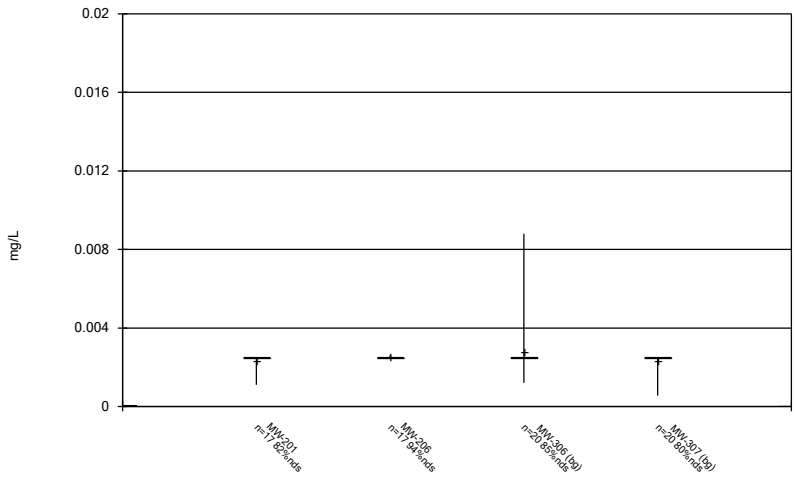
Box & Whiskers Plot



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

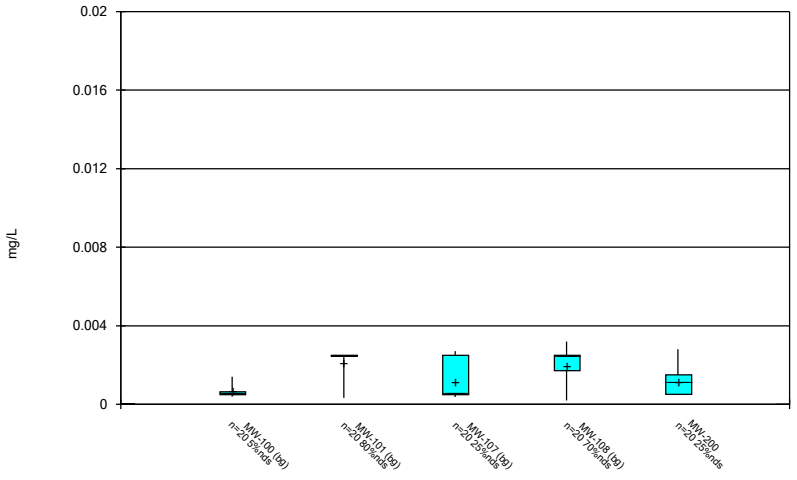
Box & Whiskers Plot



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

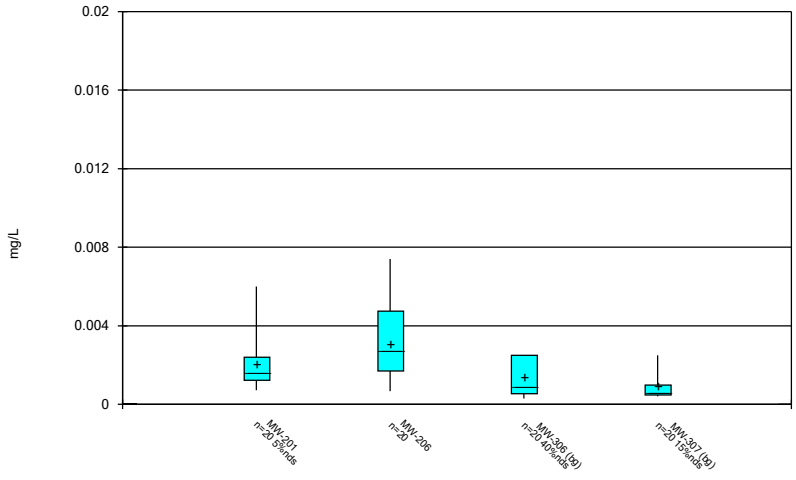
Box & Whiskers Plot



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

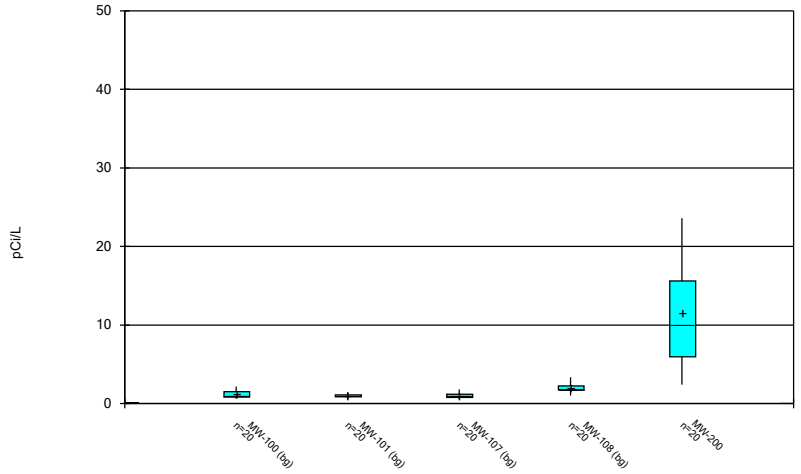
Box & Whiskers Plot



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

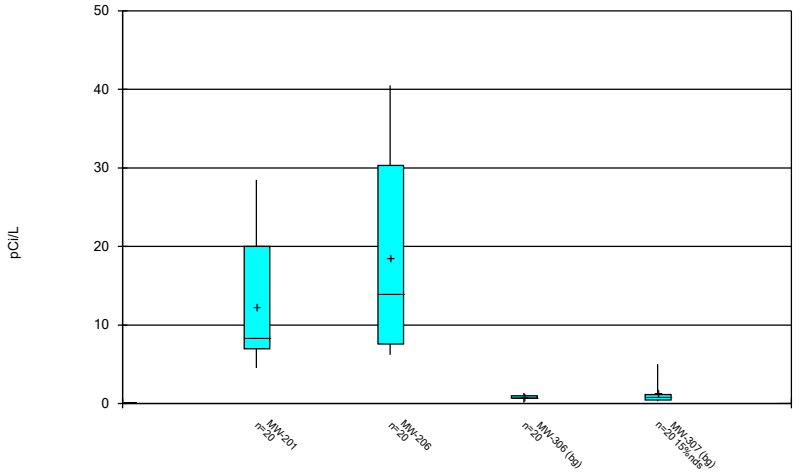
Box & Whiskers Plot



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

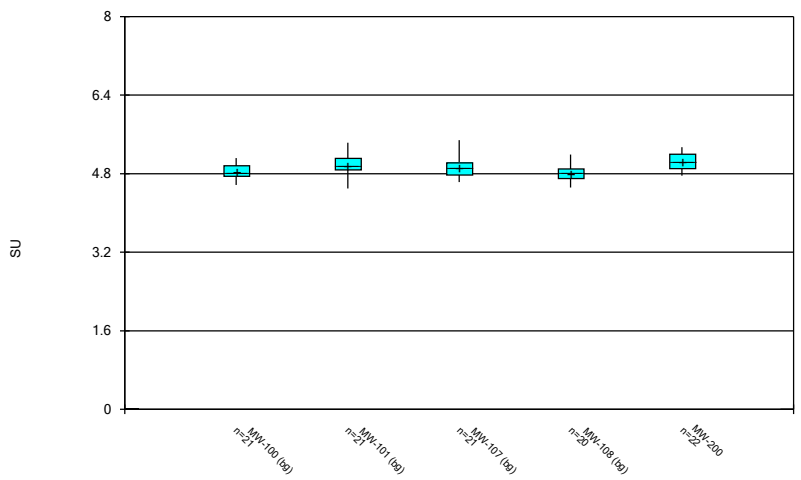
Box & Whiskers Plot



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

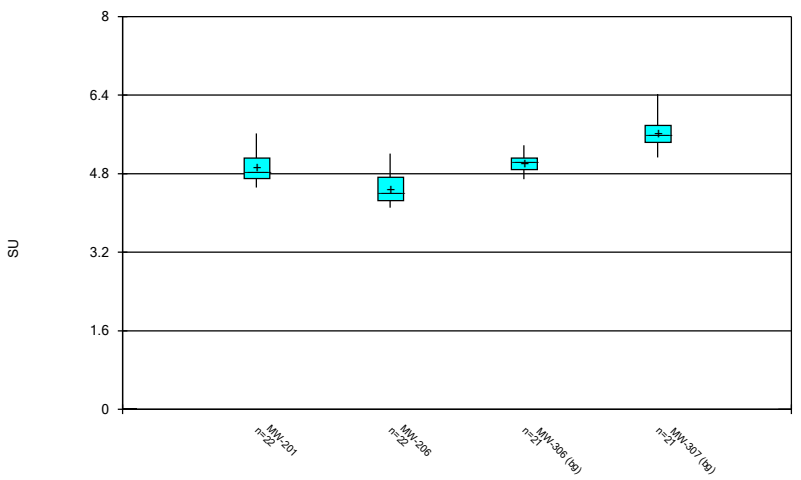
Box & Whiskers Plot



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

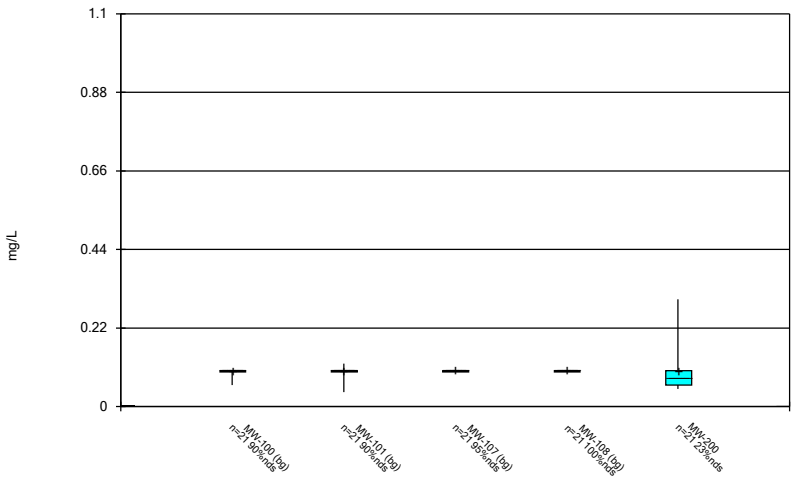
Box & Whiskers Plot



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

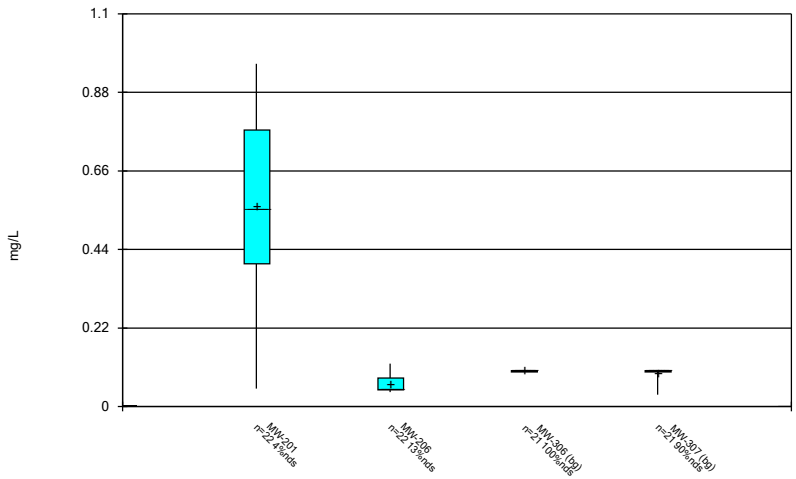
Box & Whiskers Plot



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

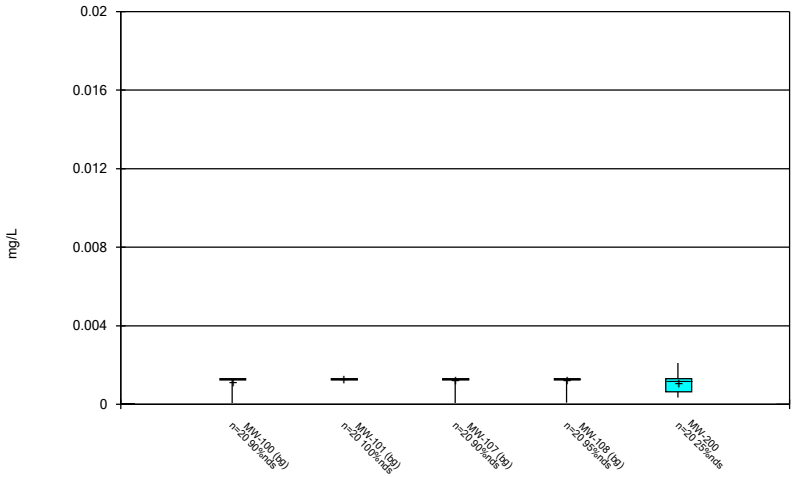
Box & Whiskers Plot



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

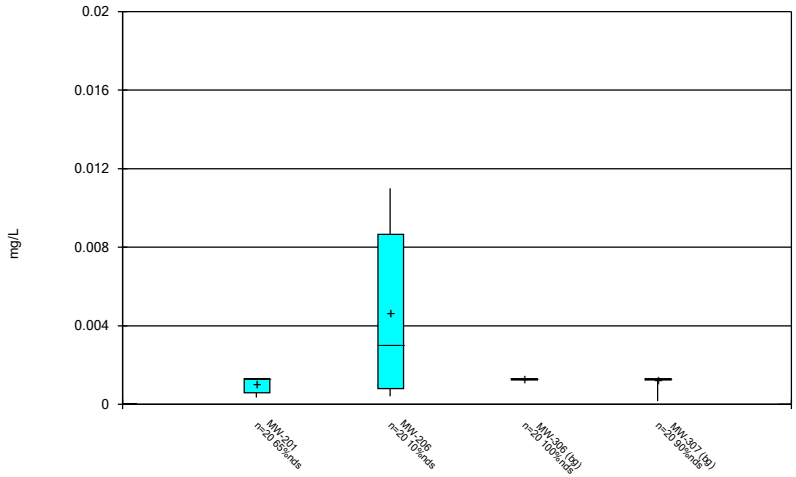
Box & Whiskers Plot



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

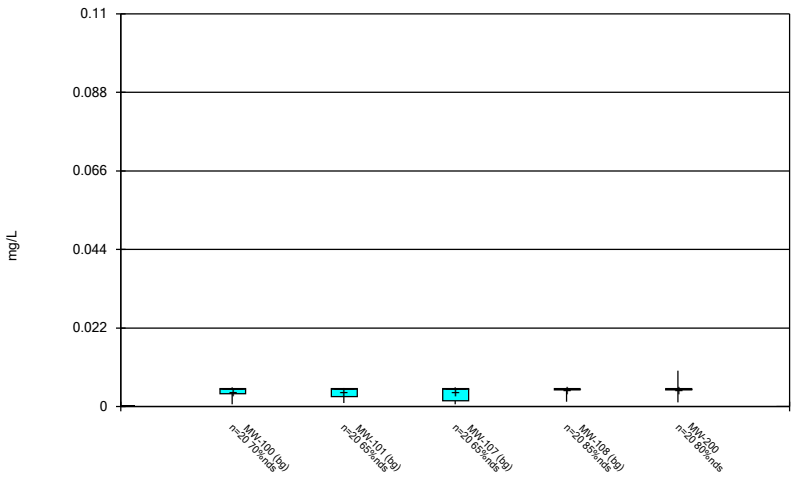
Box & Whiskers Plot



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

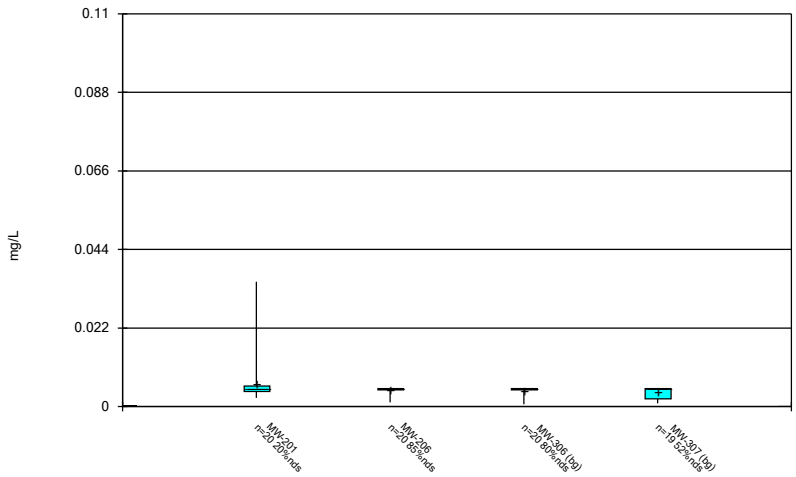
Box & Whiskers Plot



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

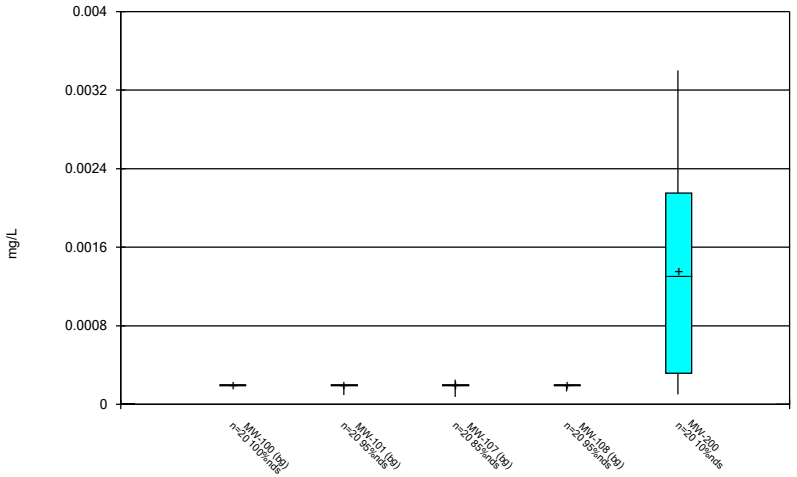
Box & Whiskers Plot



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

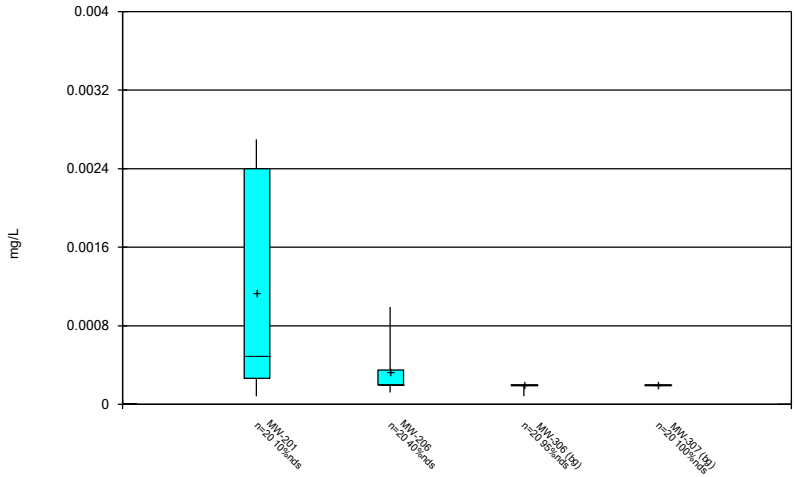
Box & Whiskers Plot



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

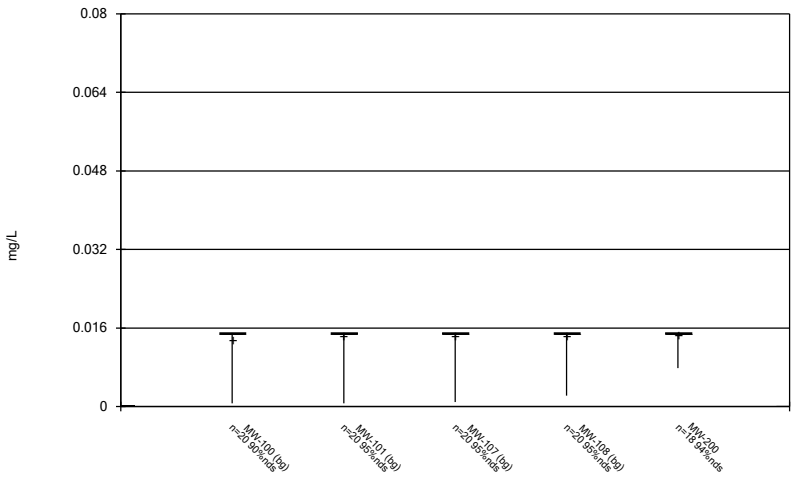
Box & Whiskers Plot



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

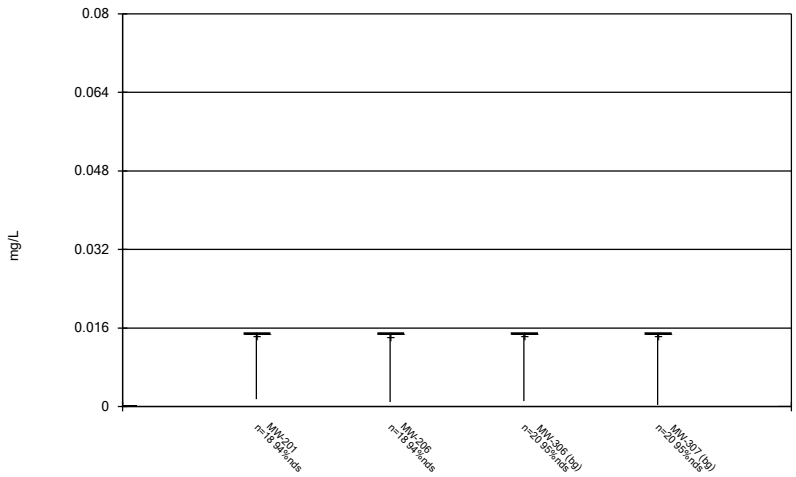
Box & Whiskers Plot



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

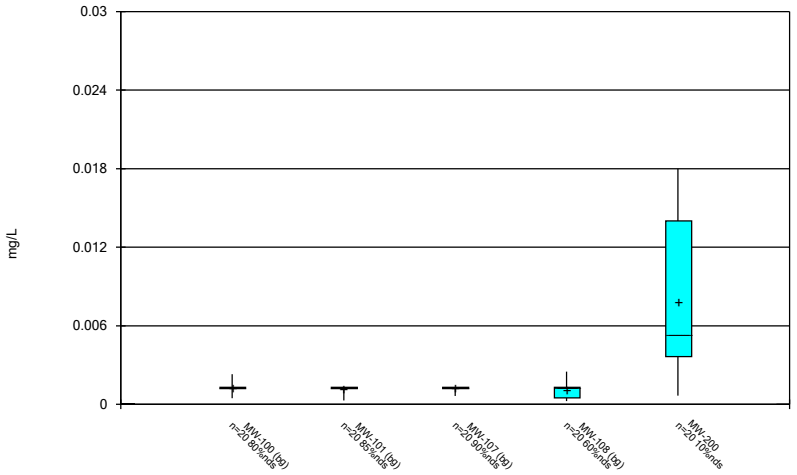
Box & Whiskers Plot



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

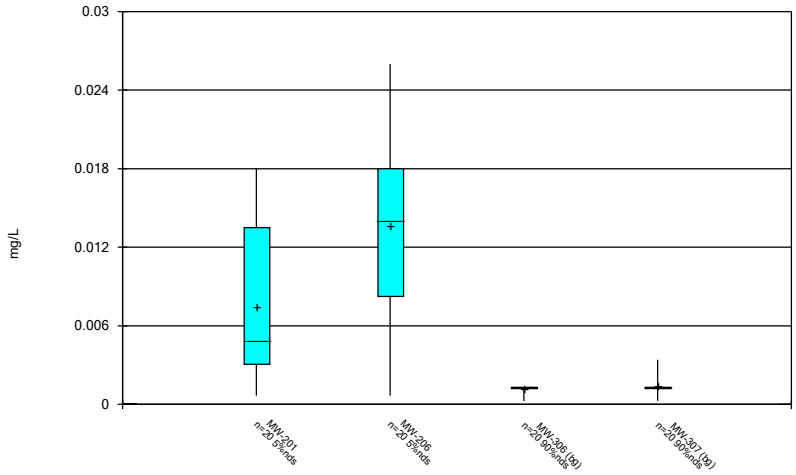
Box & Whiskers Plot



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

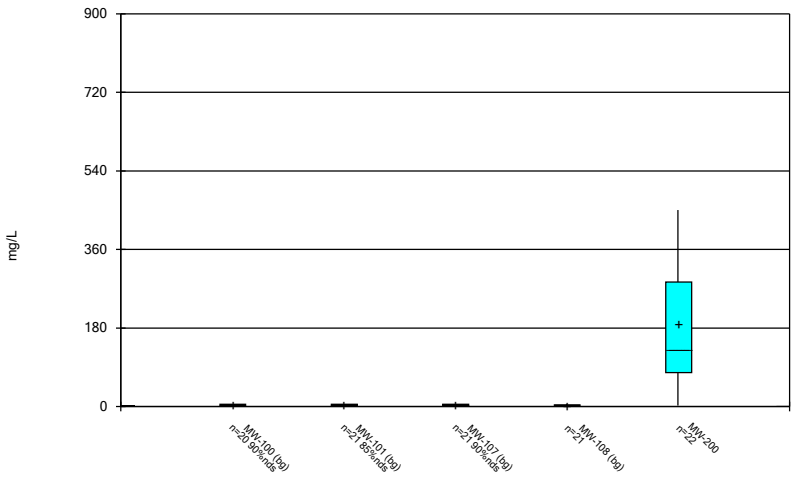
Box & Whiskers Plot



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

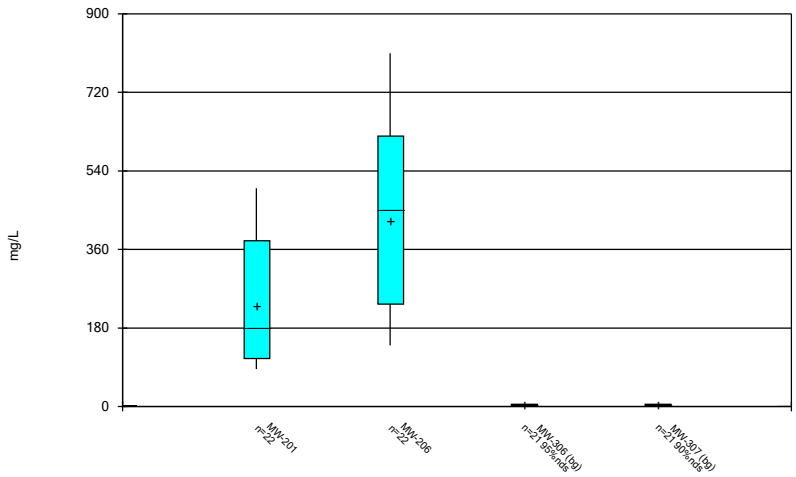
Box & Whiskers Plot



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

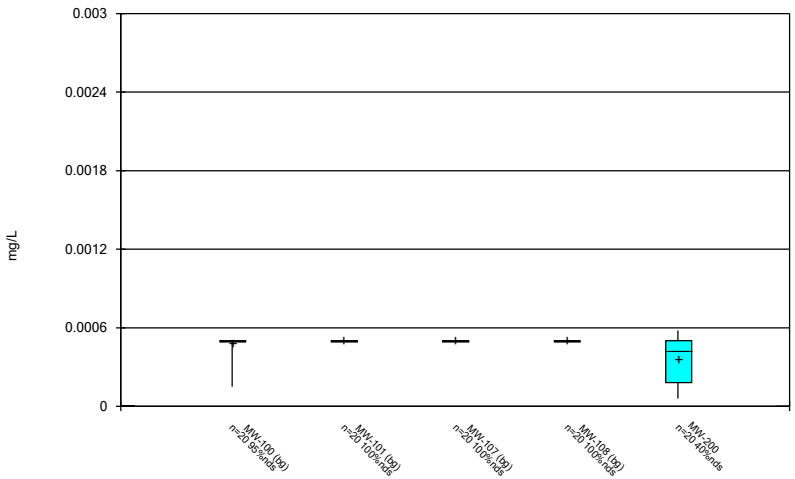
Box & Whiskers Plot



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

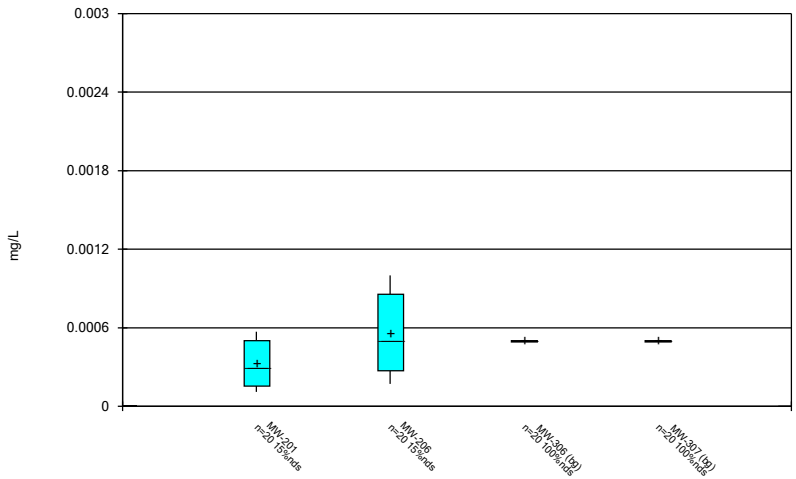
Box & Whiskers Plot



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

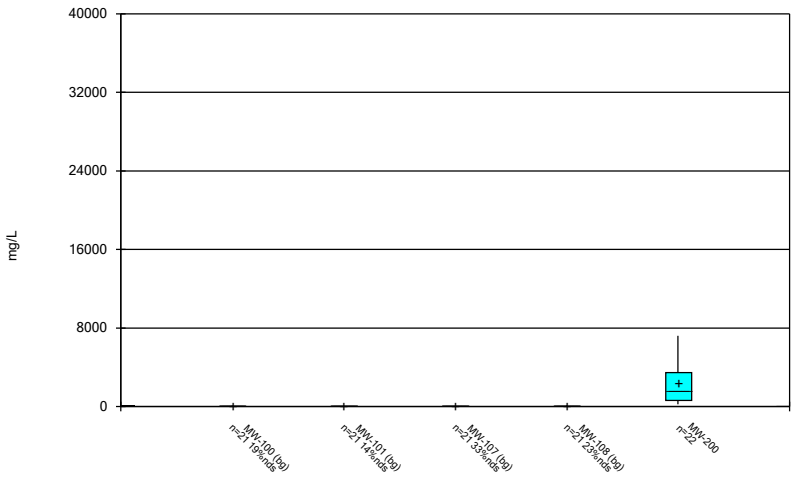
Sanitas™ v.9.6.36 . UG

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

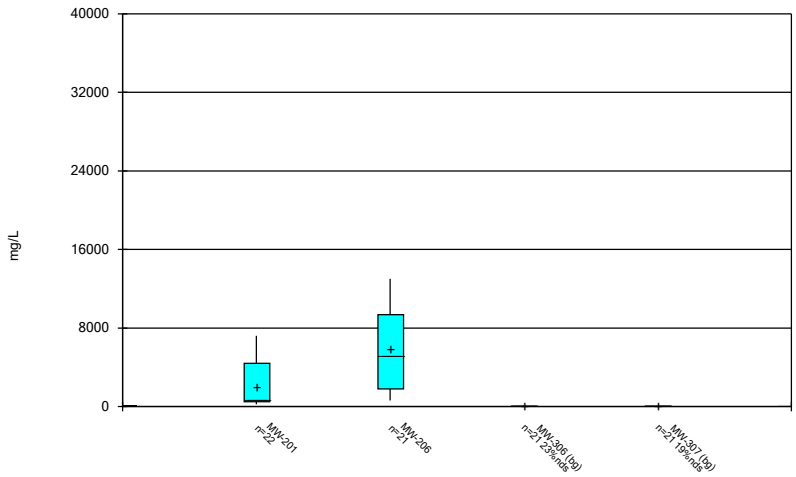
Box & Whiskers Plot



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

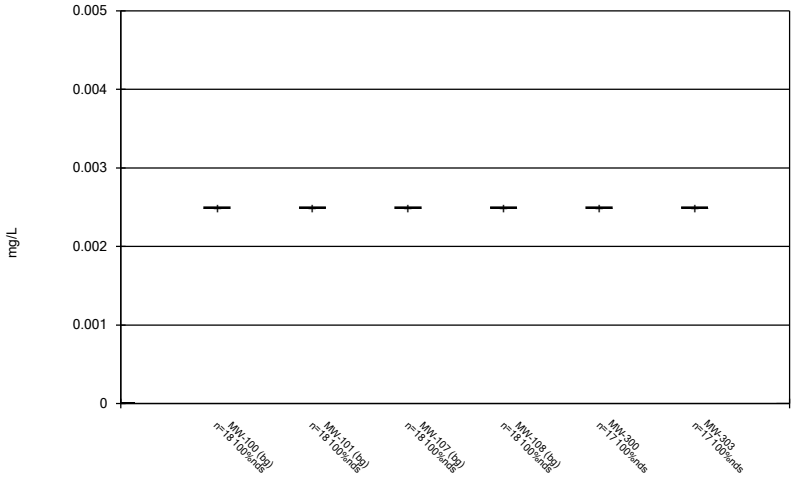


Constituent: Total Dissolved Solids Analysis Run 1/13/2023 1:42 AM View: 200 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

300 Series

Sanitas™ v.9.6.36 . UG

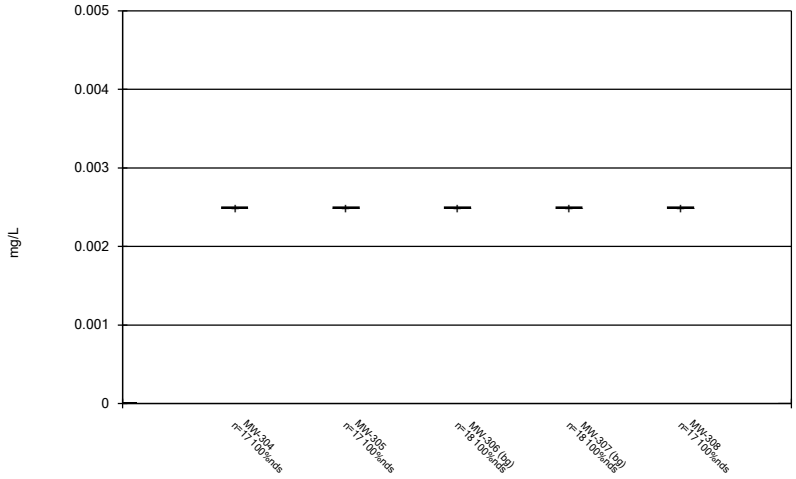
Box & Whiskers Plot



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

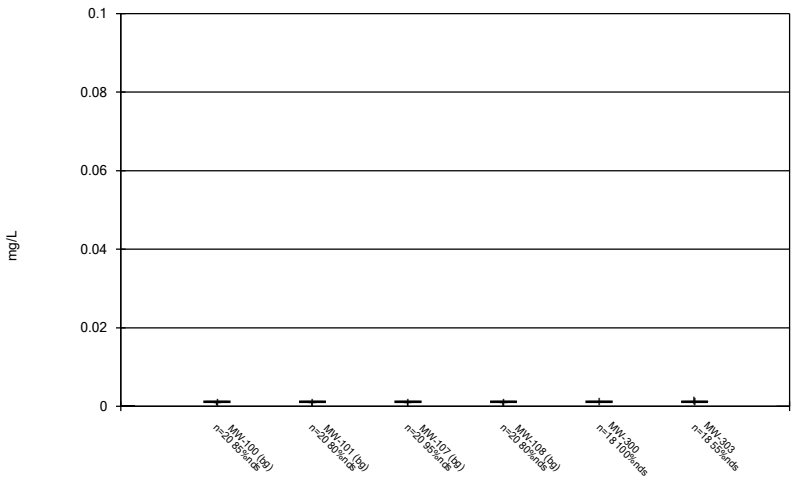
Box & Whiskers Plot



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

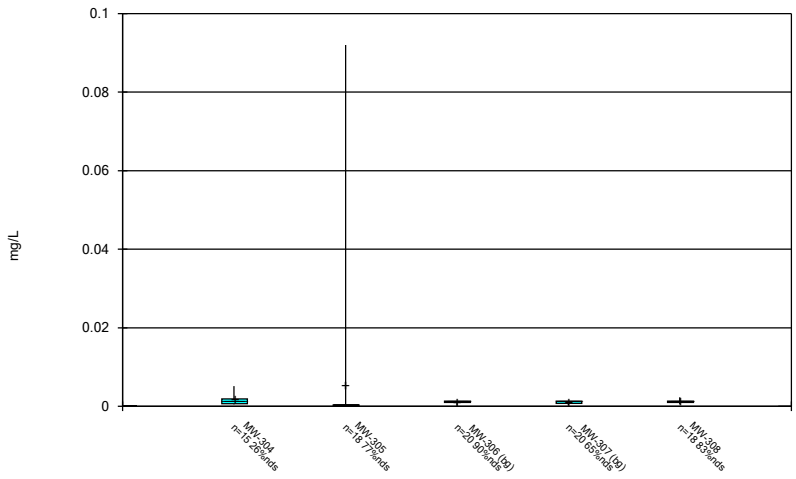
Box & Whiskers Plot



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

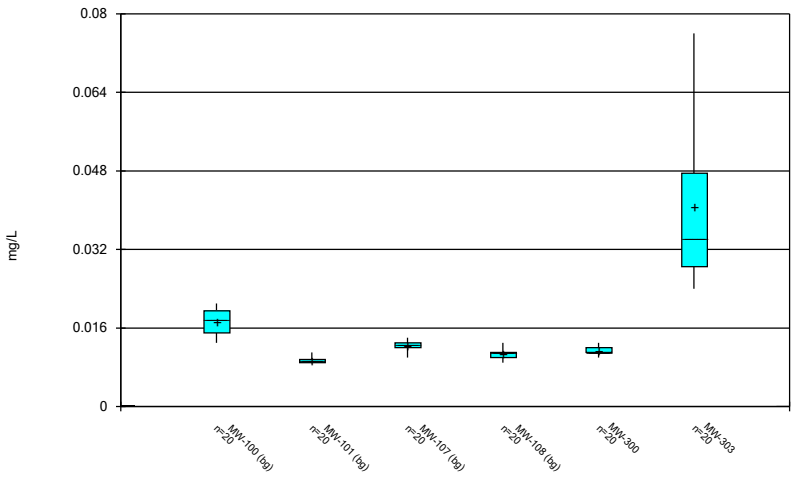
Box & Whiskers Plot



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

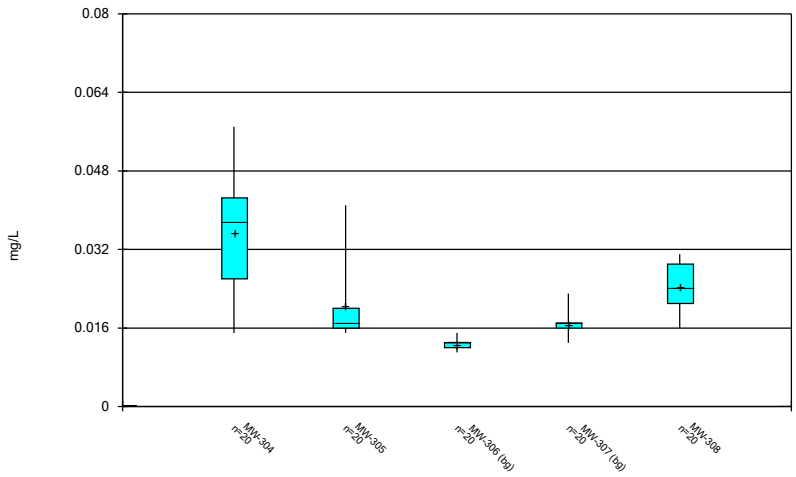
Box & Whiskers Plot



Constituent: Barium 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

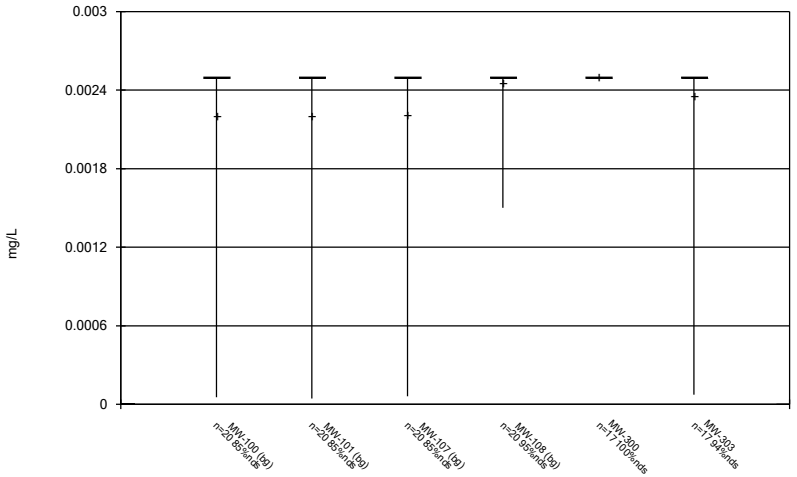
Box & Whiskers Plot



Constituent: Barium 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

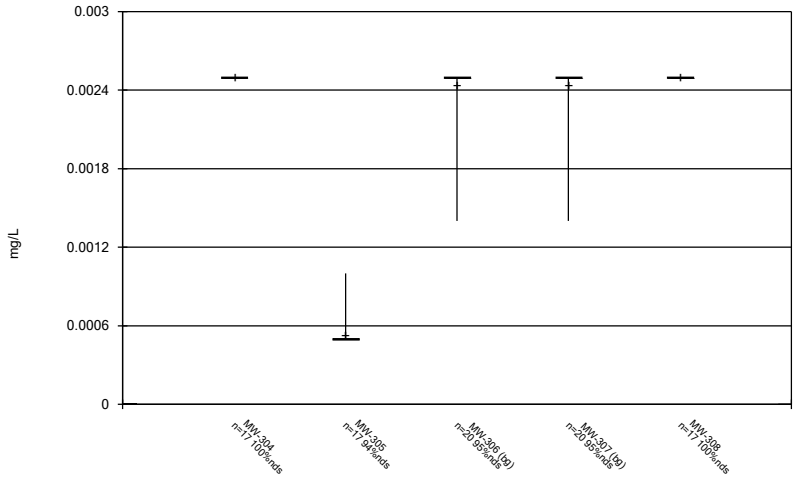
Box & Whiskers Plot



Constituent: 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

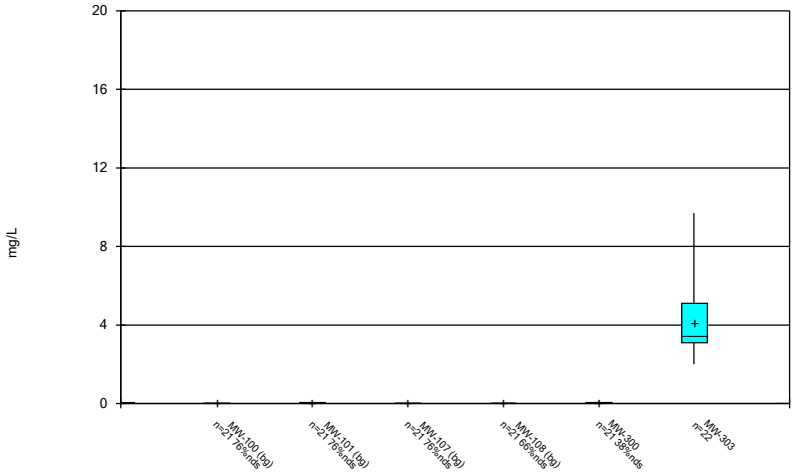
Box & Whiskers Plot



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

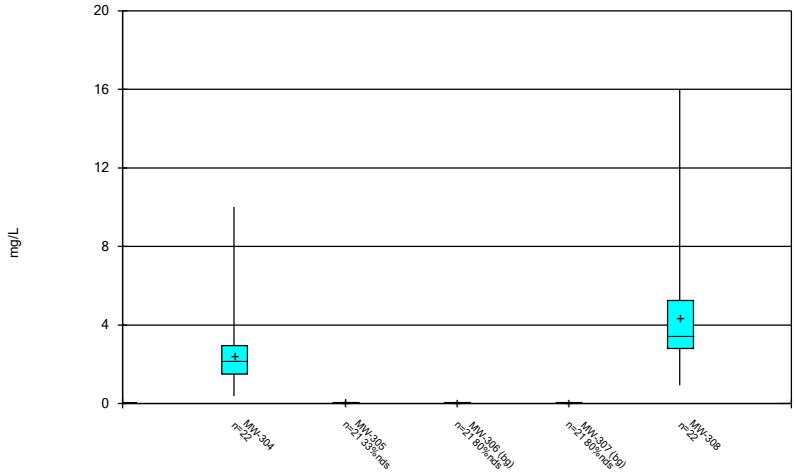
Box & Whiskers Plot



Constituent: Boron 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

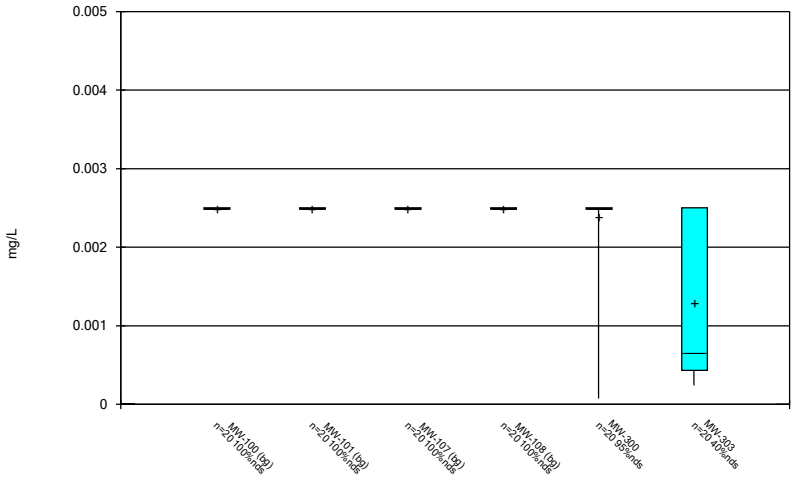
Box & Whiskers Plot



Constituent: Boron 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

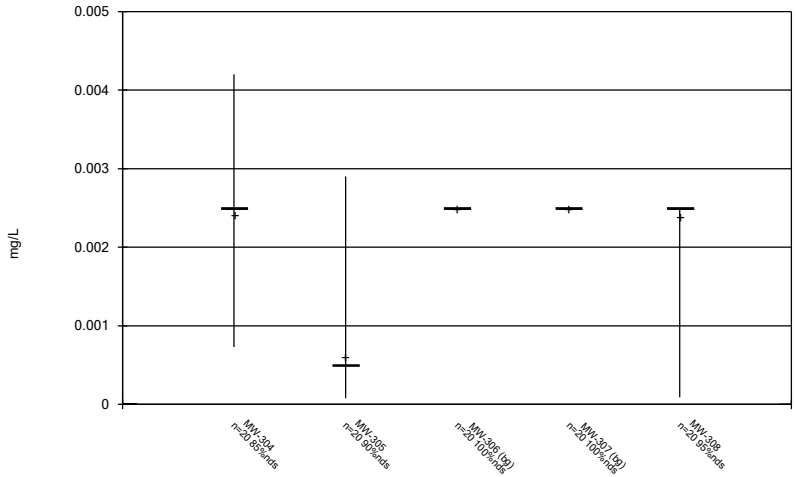
Box & Whiskers Plot



Constituent: 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

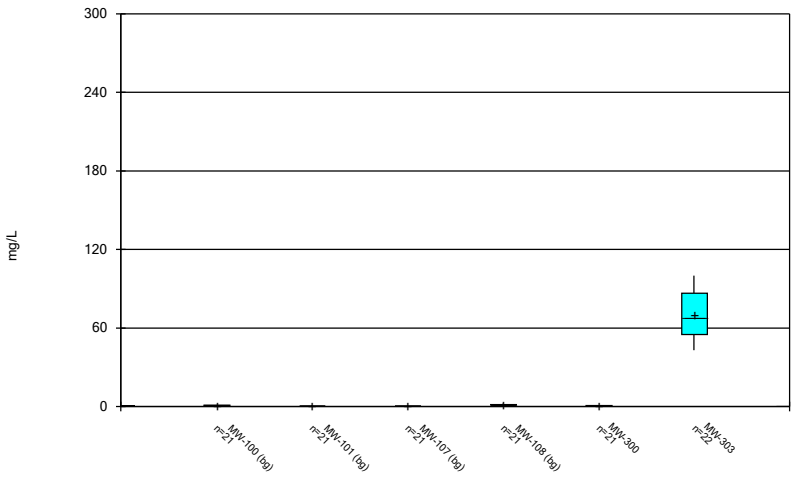
Box & Whiskers Plot



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

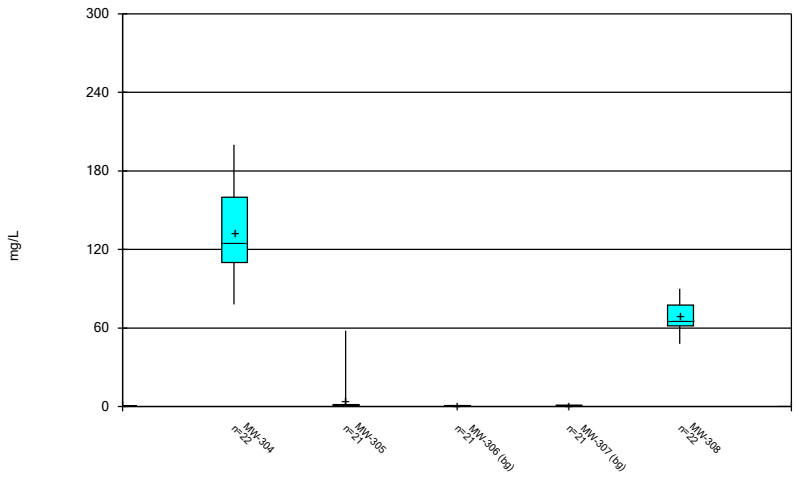
Box & Whiskers Plot



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

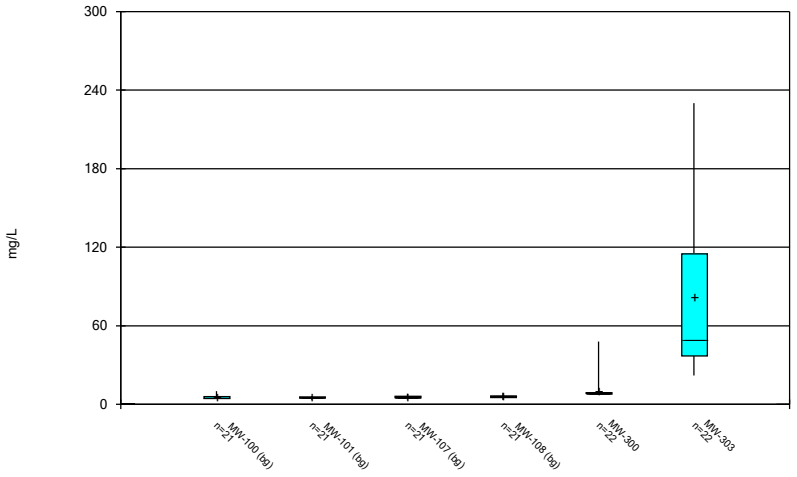
Box & Whiskers Plot



Constituent: 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

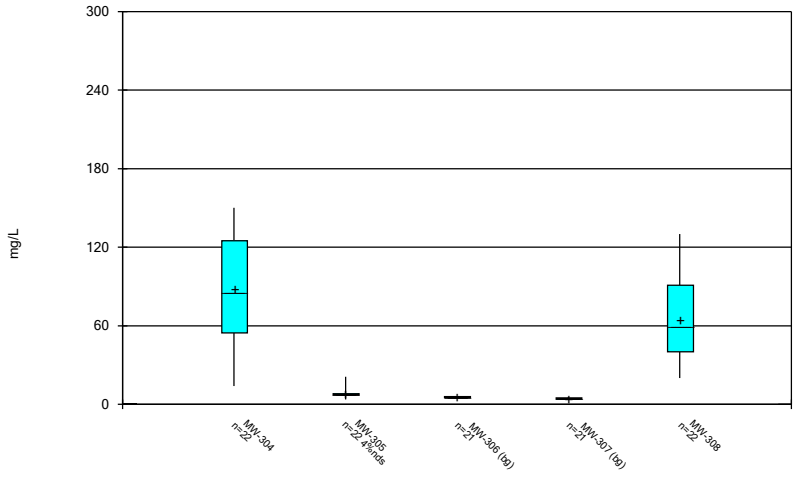
Box & Whiskers Plot



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

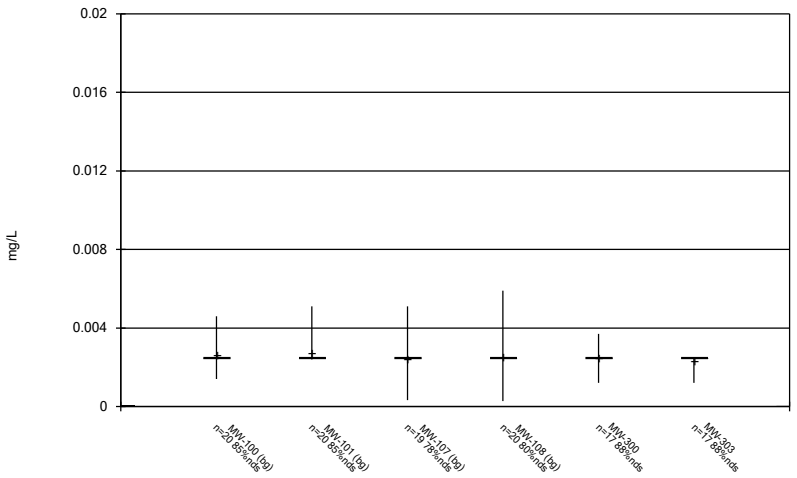
Box & Whiskers Plot



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

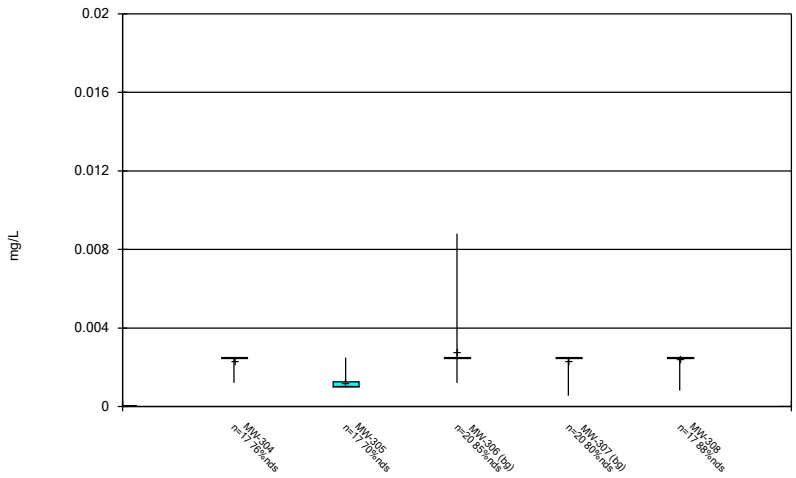
Box & Whiskers Plot



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

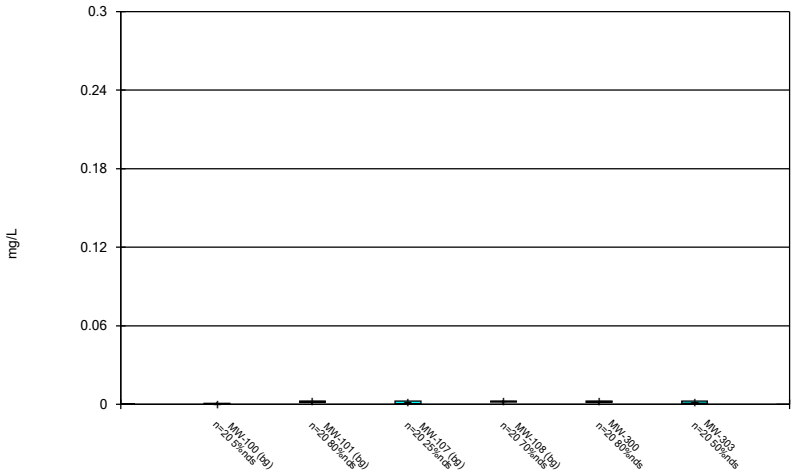
Box & Whiskers Plot



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

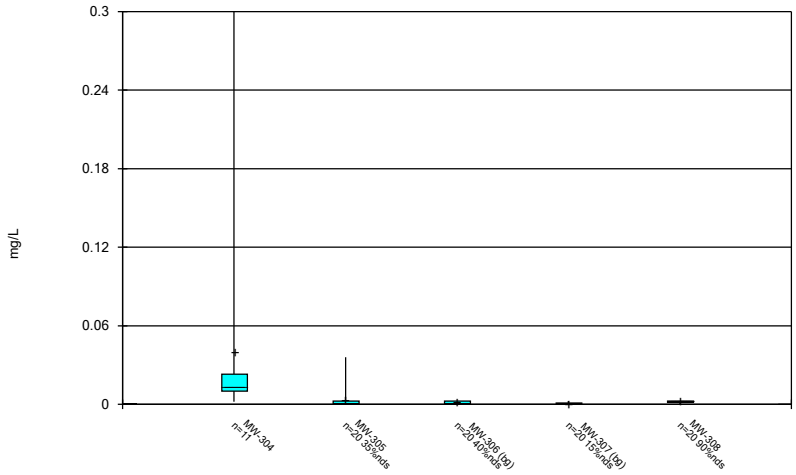
Box & Whiskers Plot



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

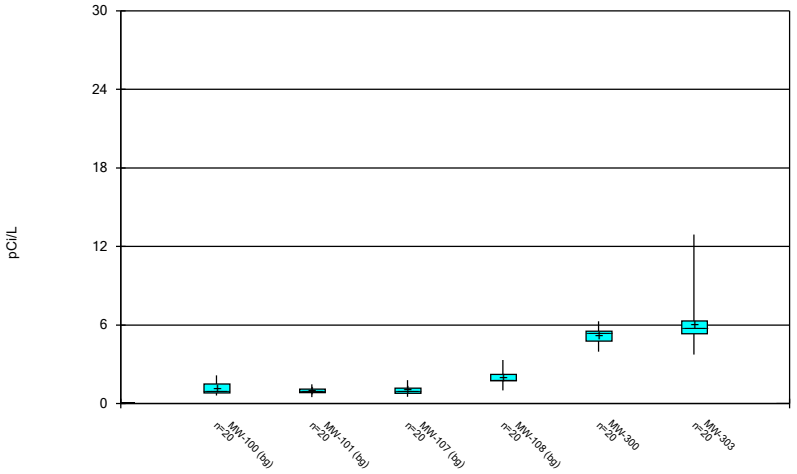
Box & Whiskers Plot



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

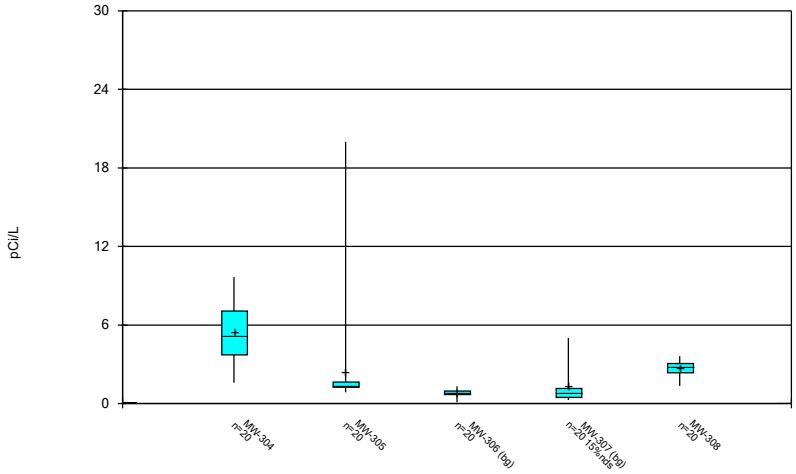
Box & Whiskers Plot



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

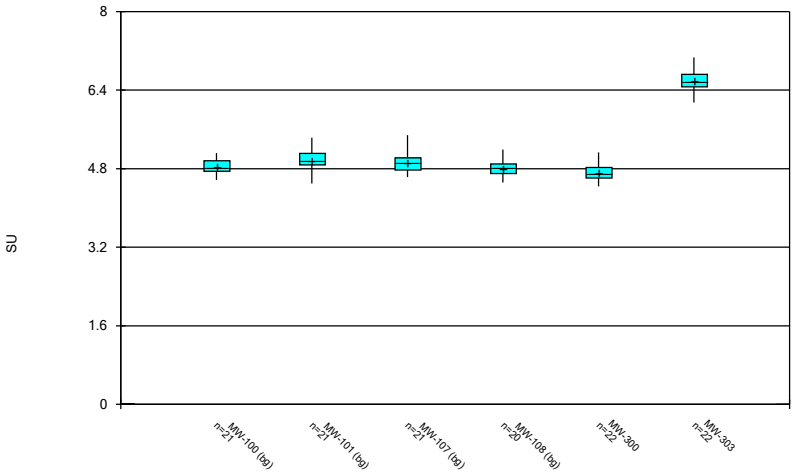
Box & Whiskers Plot



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

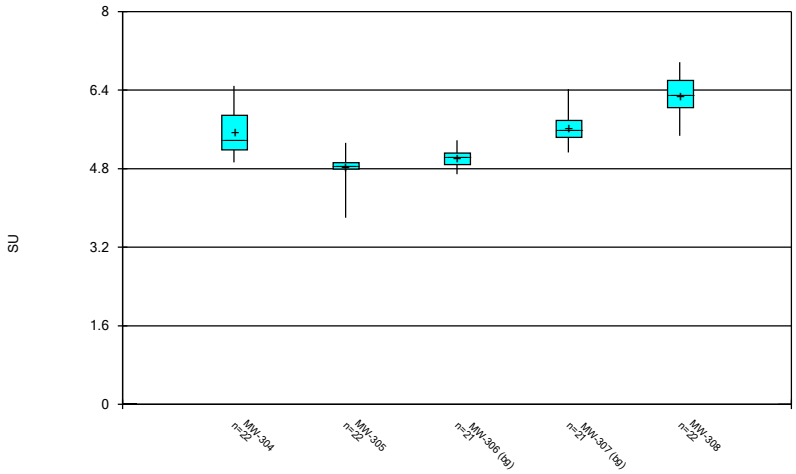
Box & Whiskers Plot



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

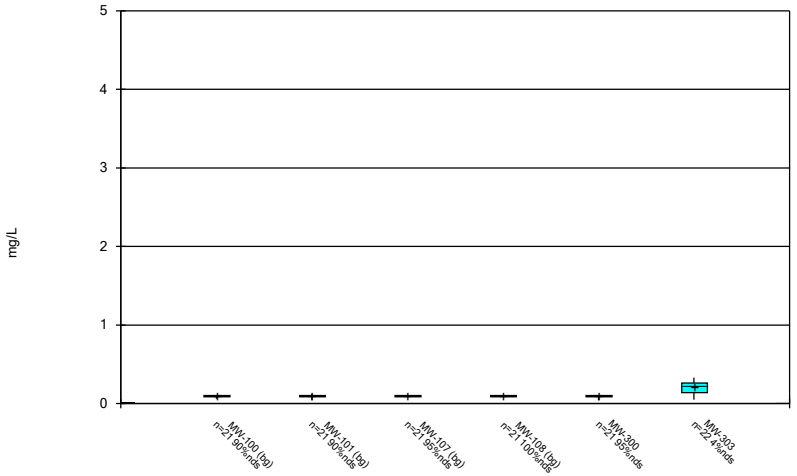
Box & Whiskers Plot



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

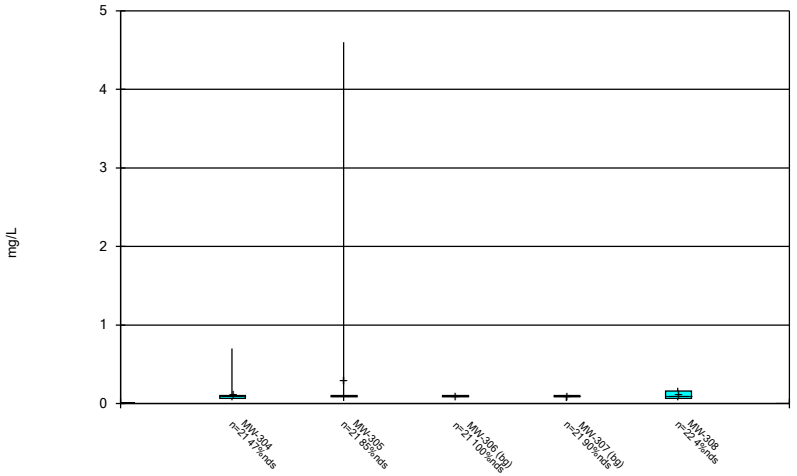
Box & Whiskers Plot



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

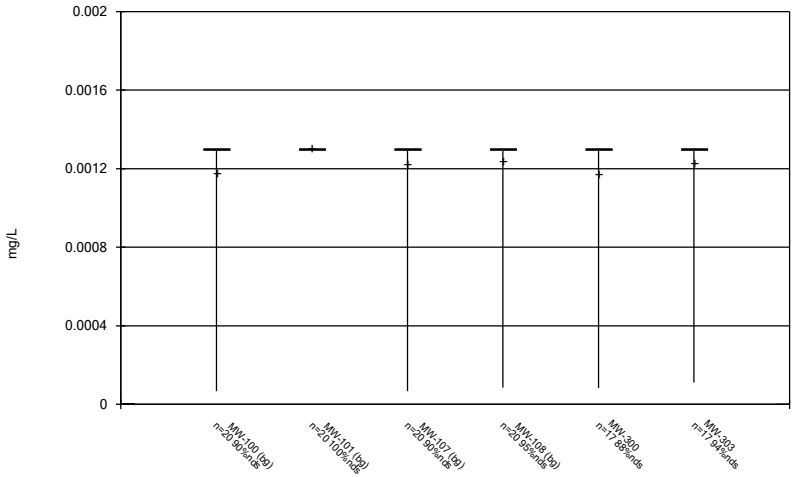
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

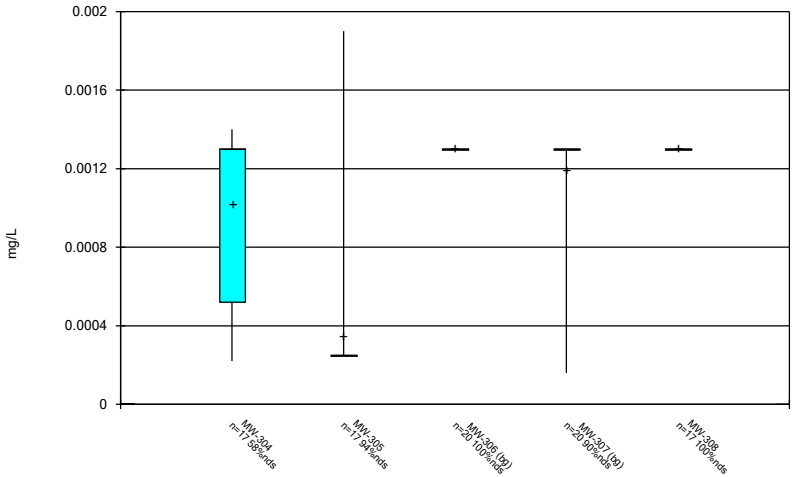
Box & Whiskers Plot



Constituent: Lead Analysis Run 1/13/2023 2:01 AM View: 300 Series General
Gulf Clean Energy Center Client: FPL Data: Gulf Clean Energy Plant

Sanitas™ v.9.6.36 . UG

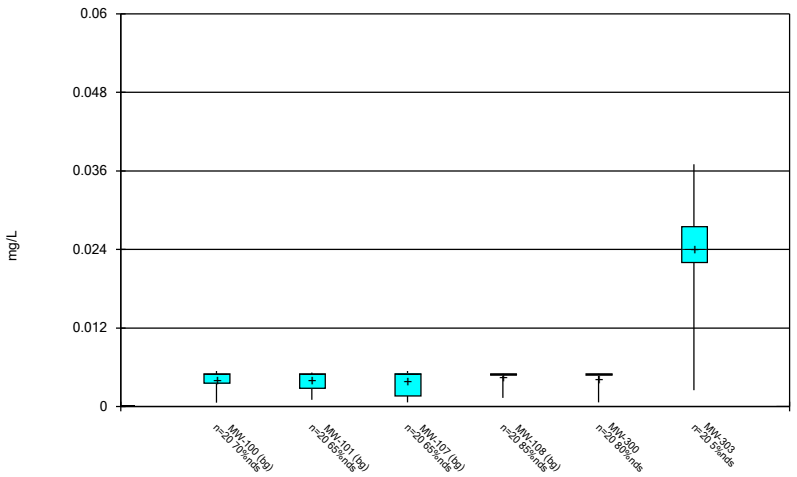
Box & Whiskers Plot



Constituent: 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

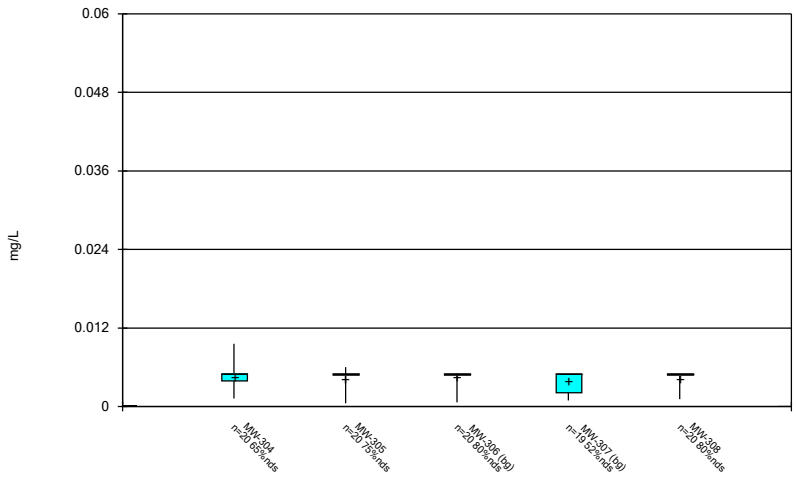
Box & Whiskers Plot



Constituent: Lithium 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

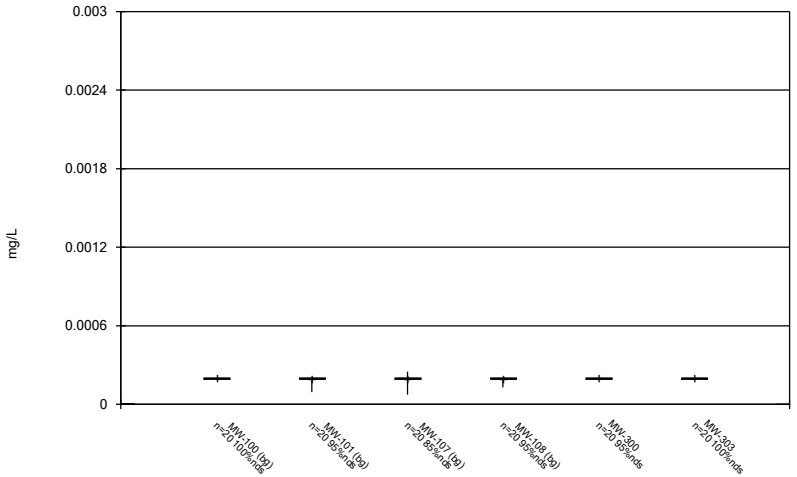
Box & Whiskers Plot



Constituent: Lithium 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

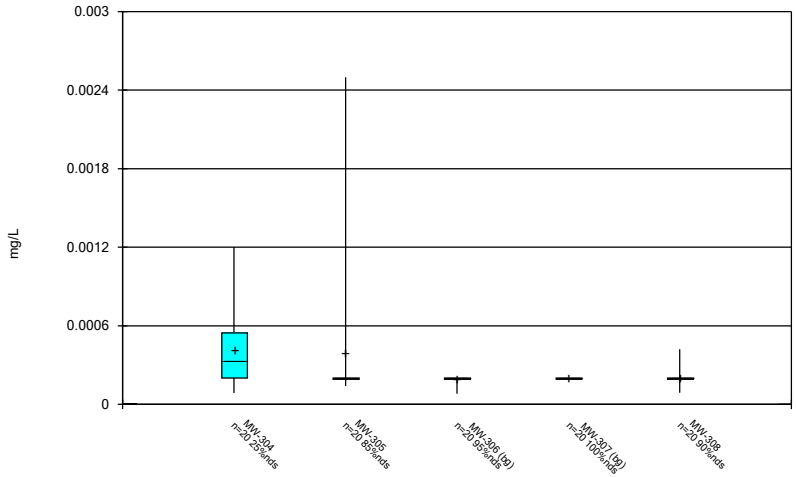
Box & Whiskers Plot



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

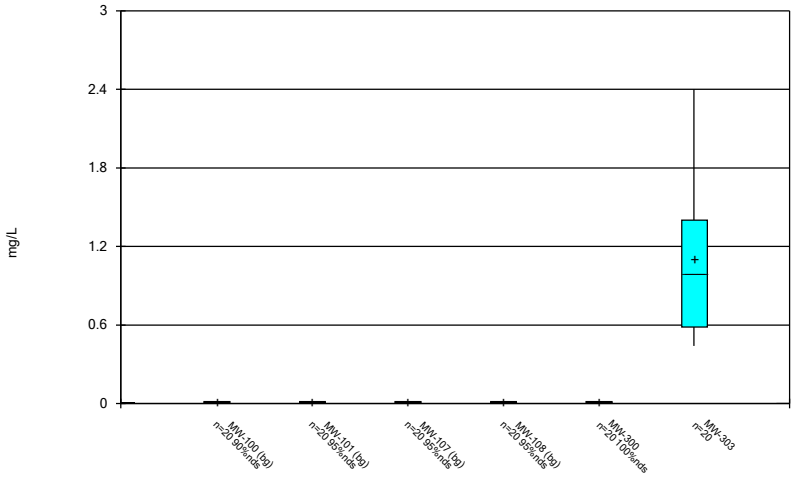
Box & Whiskers Plot



Constituent: 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

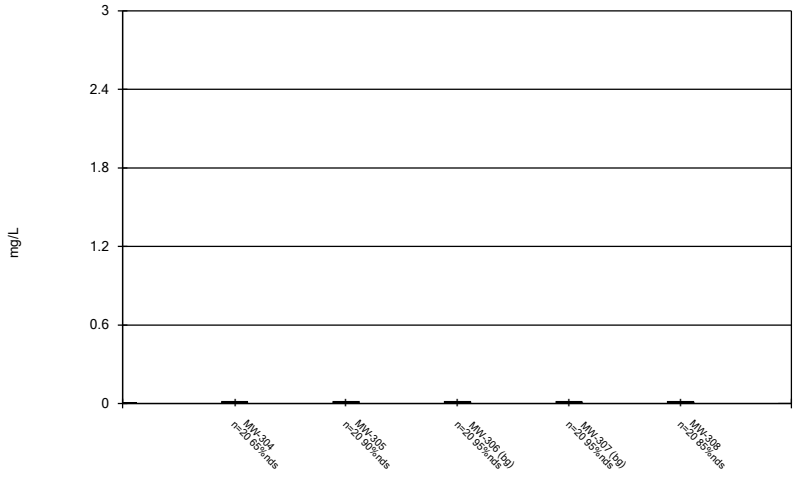
Box & Whiskers Plot



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

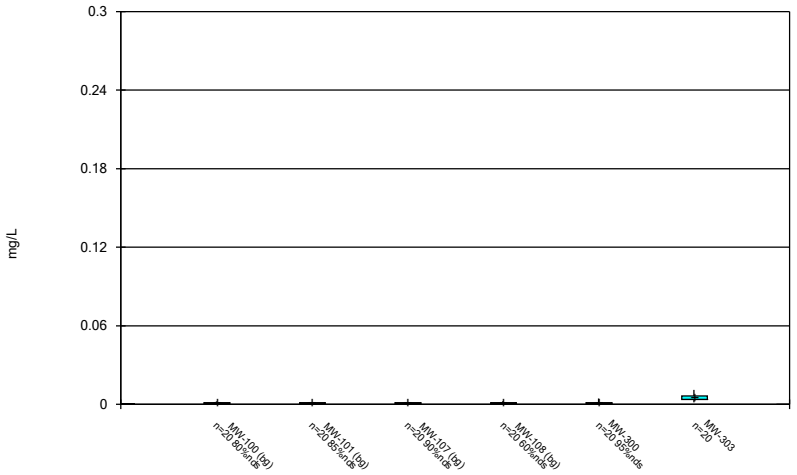
Box & Whiskers Plot



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

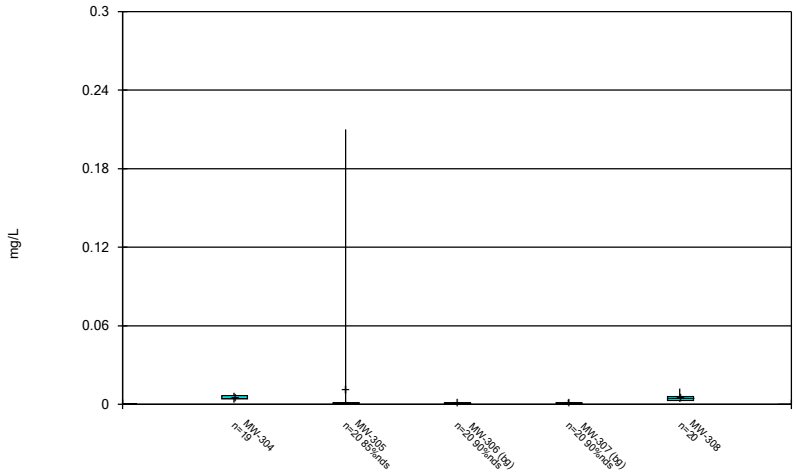
Box & Whiskers Plot



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

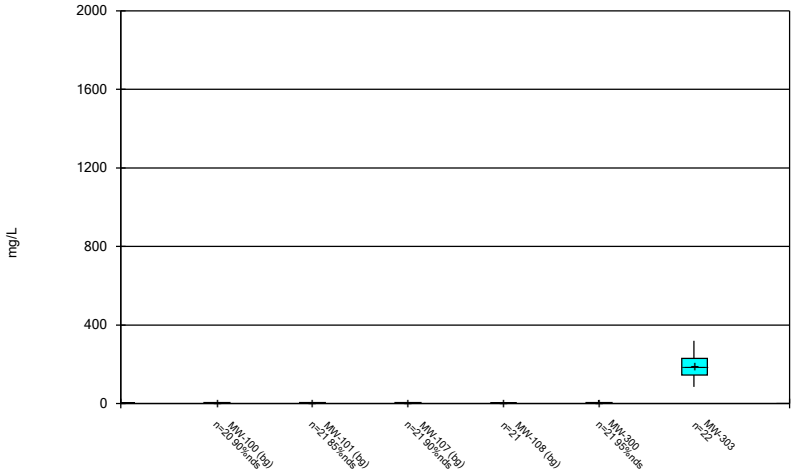
Box & Whiskers Plot



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

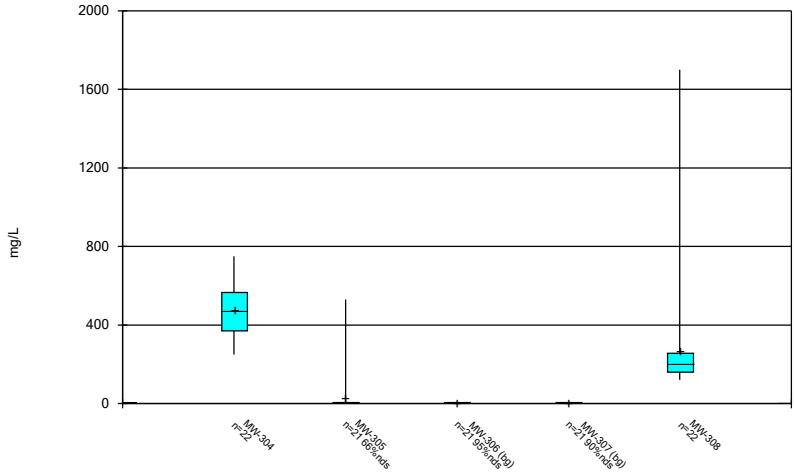
Box & Whiskers Plot



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

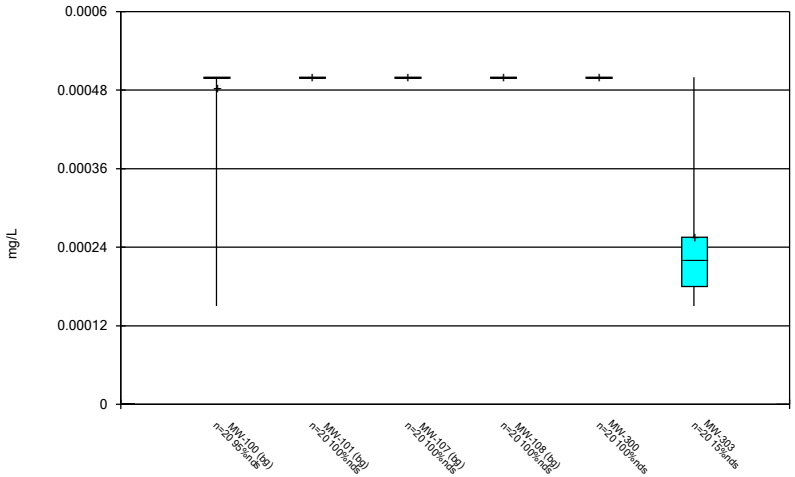
Box & Whiskers Plot



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

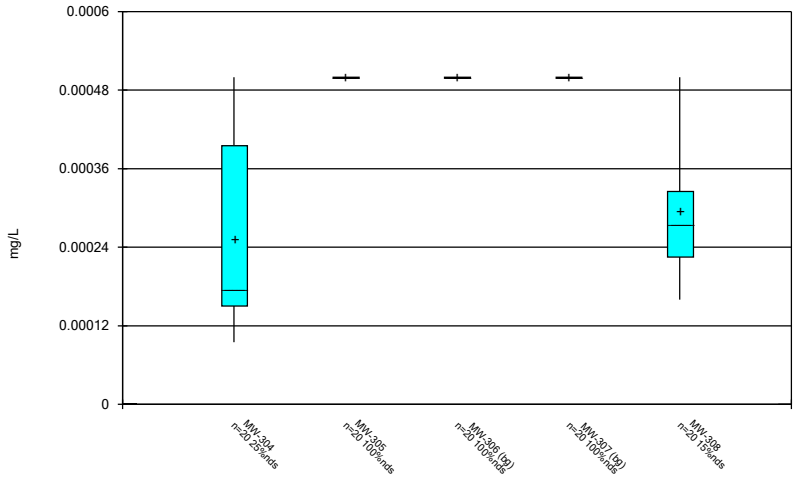
Box & Whiskers Plot



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

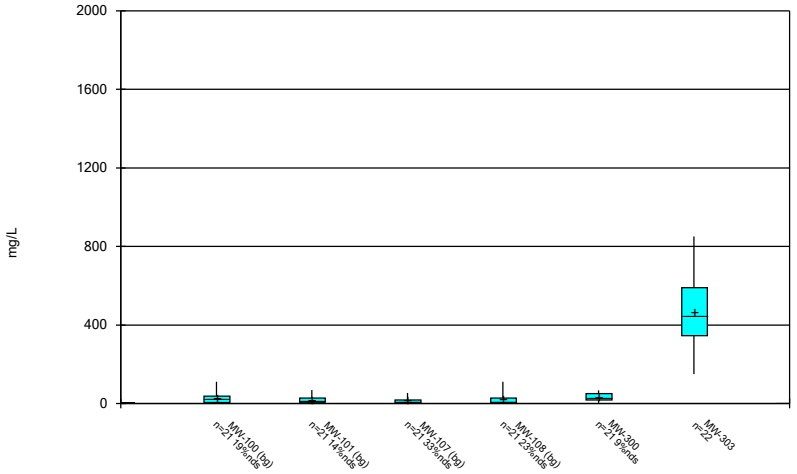
Sanitas™ v.9.6.36 . UG

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

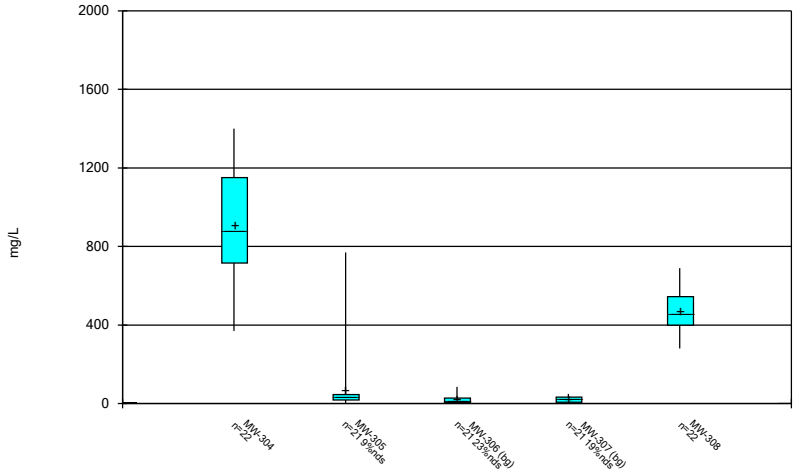
Box & Whiskers Plot



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