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January 15, 2021

Mr. Steve Tafuni
Southwest District Office
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

**Re: Review of Semi-Annual Sampling Results
Second Half 2020 Sampling Event
Hardee County Landfill
WACS Facility ID No. SWD/25/40612
Permit No. 38414-016-SO/01**

Dear Mr. Tafuni:

On behalf of the Hardee County Solid Waste Department, Atkins presents this review of the results of the second half of 2020 sampling event for the facility referenced above. This document is designed to comply with the requirements of Appendix 3-Water Quality Monitoring Plan, included with the facility's operation permit, and was compiled in general accordance with the guidelines promulgated in Chapter 62-701.510(9)(a) of the Florida Administrative Code (FAC).

BACKGROUND

The Hardee County Solid Waste Disposal Facility is an active Class I landfill, which encompasses approximately 100 acres of land at 685 Airport Road in Hardee County, Florida. In November 2013, the County received a construction permit (38414-015-SC/01) for Phase II Section II Construction. Phase II Section II is located along the west side of the current waste placement area. Also in November 2013, the County received an operation permit associated with the Phase II Sections I & II operation. In 2014, the County completed construction of the waste cell for Phase II Section II. This required abandonment of two existing monitoring wells, abandonment of multiple piezometers, and installation of two new monitoring wells. According to the facility's operating permit (38414-016-SO/01), the water quality monitoring network is designed to monitor the groundwater in the surficial aquifer and the surface water.

The groundwater monitoring network includes eight monitoring wells, which are designated MW-1, MW-2, MW-4, MW-10R, MW-11, MW-12R, MW-13, and MW-14. The facility's permit designates MW-1 and MW-4 as background wells and the other wells as detection wells. Item 3 of Appendix 3-Water Quality Monitoring Plan lists the monitoring wells and piezometers applicable to the facility's current operation permit.

There are two other monitoring wells, MW-6 and MW-7, which are designated by the permit as piezometers, along with 12 other piezometers. Please note that the following former piezometers have been abandoned and are no longer included in the operating permit: PZ-1, PZ-2, PZ-3, PZ-4, PZ-5, PZ-6, PZ-9, PZ-10, PZ-15, and PZ-16. The layout of the site is presented in **Figure 1**.

Item 4 of Appendix 3-Water Quality Monitoring Plan of the facility's operation permit specifies that groundwater samples shall be collected from the monitoring wells on a semi-annual basis. The groundwater samples are analyzed for the analytes listed on the 40 Code of Federal Regulations (CFR) Part 258, Appendix I, as well as for total ammonia, iron, chlorides, mercury, nitrate, sodium, and total dissolved solids (TDS). These analytes are also listed in Item 4 of Appendix 3 of the facility's operation permit.

Item 8 of Appendix 3-Water Quality Monitoring Plan of the facility's operation permit calls for the collection of a surface water sample from one location, which is designated SW-2. The surface water samples are normally collected during both semi-annual sampling events during the year if sufficient water is present.

The groundwater and surface water sampling points are illustrated in **Figure 1**.

SECOND HALF 2020 SAMPLING EVENT

The second half of 2020 sampling event was conducted on December 29 and 30, 2020. Groundwater samples and one surface water sample were collected during this event. The groundwater and surface water samples were collected in general accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedure for Field Activities (SOP 001/01). Sample collection was performed by Atkins personnel, and analysis was performed by Flowers Chemical Laboratories, Inc. (FCL). FCL is a NELAC-certified laboratory. A FDEP Water Quality Monitoring Certification form for the sampling event is provided in **Attachment A**.

Sample Collection Methodology

Prior to sampling the monitoring wells, each well was purged with a peristaltic pump using the "low-flow" method. A minimum equivalent of one to three well volumes was purged from each well prior to sample collection. Temperature, pH, conductivity, dissolved oxygen (DO), and turbidity measurements were monitored and recorded throughout the purging process to ensure that representative water samples were collected. The groundwater samples were given identifiers which corresponded to the well of origin. Depth-to-groundwater measurements were made from the top-of-casing (TOC) at each monitoring well prior to initiating the purging process. Water level readings were also made at the piezometers listed in the permit. The water level measurements were subtracted from the TOC elevations to determine the elevation of the water table at each well and piezometer. The TOC elevations are referenced in feet above the National Geodetic Vertical Datum (NGVD). The groundwater sampling logs and field equipment calibration logs are provided in **Attachment B**.

All of the samples were placed in laboratory-prepared containers, placed on ice, and transferred to FCL for analysis of the analytes listed in the applicable sections of the facility's operation permit.

SECOND HALF 2020 SAMPLING EVENT RESULTS

Groundwater Flow Pattern

Depth to groundwater measurements were collected at the eight monitoring wells and at 14 piezometers during this sampling event. The groundwater level elevation data from this event are presented in **Table 1**. Piezometer P-18 was dry, and P-22 appeared to have been damaged. The groundwater elevation data were plotted and contoured to generate the groundwater elevation contour map presented in **Figure 2**. The data indicated that the groundwater in the surficial aquifer beneath the landfill was flowing to the south and southeast at the time of this sampling event. The groundwater also appeared to be flowing toward a wetland area east of the landfill. The water table gradient measured approximately 0.0016 feet per foot beneath the site (as measured between well MW-1 and well MW-10R). Water level elevation measurements were also performed at two staff gauges located in ponds on the site (SG-1 and SG-2).

Sampling Results

A description of the detections in the groundwater and surface water is presented below.

Groundwater Analytical Results

There were numerous inorganic analytes detected in the groundwater samples collected and analyzed during this sampling event. One volatile organic analyte, acetone (at MW-2, MW-11, and MW-12R), was detected in the groundwater, but the concentrations were significantly less than their groundwater quality standards. The inorganic analyte detections included all of those which are typically part of the analytical program except antimony, beryllium, cadmium, and silver. At least one inorganic analyte was detected at every well in the monitoring network.

The concentrations of all of the analytes that were detected in the groundwater were compared to their respective Maximum Contaminant Level (MCL), Groundwater Cleanup Target Level (GCTL), or Secondary Drinking Water Standard (SDWS) in accordance with the Florida statutes. The MCLs and SDWSs for Drinking Water Standards, Monitoring, and Reporting are promulgated by Chapter 62-550 FAC. Not every parameter has an MCL or SDWS. There were six analytes detected at concentrations that did not comply with their standards – pH, iron, arsenic, TDS, nitrate (as N), and ammonia (as N). Iron, pH, and TDS have SDWS criteria, while the criteria for arsenic is provided as an MCL in Chapter 62-550 of the FAC. The GCTLs for nitrate and ammonia are provided in Chapter 62-777 of the FAC. A description of the detection patterns with these six analytes is described below.

- pH - The standard for pH is any value within the range of 6.5 to 8.5 Standard Units (SU). The pH values at three of the eight wells were less than 6.5 SU, and the pH measured as

low as 4.23 SU at well MW-1. The pH values at wells MW-2, MW-4, MW-10R, MW-12R, and MW-13 were within the standard range. The pH values at one of the background wells, MW-1 (with a pH of 4.23 SU), was lower than the standard range.

- Iron - The standard for iron is 0.3 milligrams per liter (mg/L). The iron concentrations in the samples collected at six of the eight monitoring wells exceeded the standard. The iron concentration was less than the standard at MW-12R and MW-13. The iron concentrations at both of the background wells (MW-1 and MW-4) were well above the standard. The highest iron concentration detected during December 2020 was 26.7 mg/L (at MW-10R).
- Arsenic – Monitoring at this site has been closely tracking arsenic concentrations in MW-4. The standard for arsenic is 0.01 mg/L. For the past multiple sampling events, the arsenic concentration in MW-4 has slightly exceeded that standard, and that trend continued during this sampling event. The arsenic concentration in MW-4 during December 2020 was 0.0112 mg/L, which compares closely with the May 2020 arsenic concentration (0.0101 mg/L) and with the December 2019 concentration (0.0156 mg/L). MW-4 is designated as a background well.
- TDS –The standard for TDS is 500 mg/L. The TDS concentration exceeded this standard in three monitoring wells (MW-12R, MW-13, and MW-14). The highest reported TDS concentration detected during December 2020 was 1,200 mg/L (in MW-12R).
- Nitrate (as N) –The standard (GCTL) for nitrate is 10 mg/L. The nitrate concentration exceeded this standard in three monitoring wells (MW-11, MW-12R, and MW-14). The highest reported nitrate concentration detected during December 2020 was 98.7 mg/L (in MW-12R).
- Ammonia (as N) –The standard (GCTL) for ammonia is 2.8 mg/L. The ammonia concentration exceeded this standard in four monitoring wells (MW-11, MW-12R, MW-13, and MW-14). The highest reported ammonia concentration detected during December 2020 was 62.3 mg/L (in MW-13).

A summary of the groundwater analytical results is presented in **Table 2**, and the laboratory analytical reports are provided in **Attachment C**. Trending data for these analytes are developed in the Five-Year Submittal report submitted to FDEP. The most recent Five-Year Submittal report was submitted to FDEP separately by SCS Engineers in September 2019.

Surface Water Analytical Results

There were several inorganic analytes detected in the surface water sample (SW-2). No volatile organic analytes were detected in the surface water. The concentration of every analyte that was detected in the surface water sample was compared to the State surface water quality standards (if a standard existed for that analyte). The surface water standards are promulgated by Chapter 62-302, FAC. A summary of the surface water analytical results is presented in **Table 3**, and the laboratory analytical report is provided in **Attachment C**.

The only laboratory parameter that was detected in excess of its standard was un-ionized ammonia. Un-ionized ammonia was detected at a concentration of 0.0431 mg/L, which exceeded the standard of 0.02 mg/L.

SUMMARY AND CONCLUSIONS

The results of the second half of 2020 groundwater sampling event at the Hardee County Solid Waste Disposal Facility were generally consistent with those of the recent sampling events, with numerous inorganic analyte detections in the groundwater and surface water. There were six analytes detected in the groundwater that did not comply with their regulatory standards: arsenic, pH, iron, TDS, nitrate, and ammonia were detected in the groundwater at concentrations in excess of their regulatory criteria. It should be noted that two of these parameters that were not in compliance with their standards in the groundwater (pH and iron) were also not in compliance with their standards in the background monitoring wells. The arsenic exceedance occurred only in one of the background monitoring wells (MW-4). However, TDS, nitrate, and ammonia concentrations were higher than during previous sampling events and will be closely monitored during future sampling events. Un-ionized ammonia was detected in the surface water at a concentration that slightly exceeded its surface water criteria.

Based on these findings, the facility does not appear to be having a significant effect on groundwater and surface water quality. Atkins recommends that the analytical results in future sampling events be evaluated closely for any developing trends. If you have any questions regarding the information presented in this report, please call me at (813) 281-8377.



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CC: Marissa Alexander, Hardee County Public Works
FILE

TABLES

Table 1
Groundwater Elevation Data
Hardee County Landfill
Second Half 2020

Well Identifier	Top-of-Casing Elevation (Ft-NGVD)	Ground Surface Elevation (Ft-NGVD)	Total Depth (Ft-TOC)	Well Diameter (Inches)	Depth to Groundwater (Ft below TOC)	Groundwater Elevation (Ft-NGVD)
Monitoring Wells						
MW-1	87.97	86.24	11.00	4	5.25	82.72
MW-2	85.86	83.75	10.50	4	6.07	79.79
MW-4	87.16	84.09	18.90	2	5.59	81.57
MW-10R	88.56	85.49	15.12	2	8.02	80.54
MW-11	88.11	85.17	13.90	2	8.94	79.17
MW-12R	89.00	85.71	23.25	2	8.43	80.57
MW-13	88.88	NM	23.00	2	5.43	83.45
MW-14	88.16	NM	23.00	2	4.82	83.34
Piezometers						
MW-6	88.25	85.06	NA	2	8.58	79.67
MW-7	87.88	84.98	NA	2	7.57	80.31
P-7	84.47	82.41	NA	2	4.30	77.93
P-8	85.32	83.25	NA	2	5.51	79.81
P-11	88.69	86.16	NA	2	8.37	79.06
P-13	87.96	87.98	NA	2	7.74	80.22
P-14	87.31	84.05	NA	2	6.85	80.46
P-17	88.82	85.88	NA	2	5.72	83.10
P-18	88.74	84.37	NA	2	DRY	NA
P-19	86.73	84.14	NA	2	4.31	82.42
P-20	87.6	84.68	NA	2	5.59	82.01
P-21	86.63	83.57	NA	2	6.38	80.25
P-22	87.04	84.09	NA	2	4.85*	82.19
P-23	86.45	83.71	NA	2	5.62	80.83
Staff Gauges						
SG-1	80.51#	NA	NA	NA	+2.3**	82.81
SG-2	78.57#	NA	NA	NA	+3.9**	82.47

* = Casing potentially damaged NA = Not applicable or available

= lag bolt/zero elevation

* *= bottom of gauge obscured by vegetation, elevation estimated

Table 2
Groundwater Analytical Summary
Hardee County Landfill
Second Half 2020

Analyte	Monitoring Well:		MW-1	MW-2	MW-4	MW-10R	MW-11	MW-12R	MW-13	MW-14
	Sample Date:		12/29/2020	12/29/2020	12/29/2020	12/30/2020	12/29/2020	12/29/2020	12/29/2020	12/29/2020
	Standard ⁽¹⁾	Units								
Field Measurements										
Groundwater Elevation		ft	82.72	79.79	81.57	80.54	79.17	80.57	83.45	83.34
Temperature		deg. C	22.57	21.67	22.50	24.39	24.23	24.67	23.07	22.1
pH	6.5-8.5	STD	4.23	6.88	6.66	6.57	6.11	6.75	6.65	6.38
Conductivity		uS/cm	204	806	609	743	509	1825	2116	1129
Dissolved Oxygen (DO)		mg/l	2.40	2.32	0.35	0.69	0.41	0.80	0.46	1.82
Turbidity		NTU	12.1	10.0	4.86	16.1	145	10.2	8.49	3.18
Inorganics (Appendix I parameters only)										
Nitrate (as N)	10	mg/l	0.0526	0.0200 U	0.0200 U	0.0200 U	13.6	98.7	81.8	4.66
TDS	500	mg/l	284	492	480	370	384	1200	1110	698
Chloride	250	mg/l	22.4	24.4	7.38 I	30.3	29.5	58.4	63.6	38.9
Antimony	0.006	mg/l	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U
Arsenic	0.01	mg/l	0.0056	0.0028	0.0112	0.00400	0.0038	0.0054	0.0029	0.0022
Barium	2	mg/l	0.0088	0.0171	0.0107	0.0100	0.0446	0.0144	0.0086	0.0076
Beryllium	0.004	mg/l	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U
Cadmium	0.005	mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Chromium	0.1	mg/l	0.0294	0.00100 U	0.00560	0.00100 U	0.0107	0.00310	0.00180 I	0.00100 U
Cobalt	0.14	mg/l	0.00120 I	0.00100 U	0.00100 U	0.00100 U	0.00300	0.00110 I	0.00100 U	
Copper	1	mg/l	0.00170 I	0.00100 U	0.00100 U	0.00100 U	0.0170 I	0.0117	0.00530	0.00100 U
Lead	0.015	mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.007	0.00100 U	0.00100 U	0.00100 U
Mercury	0.002	mg/l	0.0000200 U	0.0000200 U	0.0000200 U	0.0000200 U	0.000116	0.0000358	0.000056	0.0000200 U
Nickel	0.1	mg/l	0.0051	0.0022	0.00180 I	0.0027	0.0048	0.0188	0.0202	0.0096
Selenium	0.05	mg/l	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00310 I	0.00200 U	
Silver	0.1	mg/l	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U
Thallium	0.002	mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00180 I	0.00100 U	0.00100 U
Vanadium	0.049	mg/l	0.0161	0.0056	0.0207	0.00390	0.0134	0.0214	0.00720	0.00310
Zinc	5	mg/l	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0243	0.0202	0.0100 U	0.0100 U
Ammonia (as N)	2.8	mg/l	0.0100 U	0.0100 U	0.213	1.16	21.8	9.51	62.3	12.8
Iron	0.3	mg/l	5.97	4.92	11.4	26.7	1.15	0.177	0.221	0.317
Sodium	160	mg/l	14.5	24.6	7.44	19.0	15.1	37.9	27.2	18.2
Organics										
1,1,1,2-Tetrachloroethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	200	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	5	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	7	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloropropane	5	ug/l	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U
2-Butanone (MEK)		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Hexanone		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Acetone	6300	ug/l	5.00 U	10.3	5.00 U	5.00 U	74.8 I	9.01 I	5.00 U	5.00 U
Acrylonitrile		ug/l	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U
Benzene	1	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Bromoform		ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Bromomethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Bromodichloromethane		ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Bromofluoromethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Carbon Disulfide	3	ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chlorobenzene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloroethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloroform		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloromethane	2.7	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Dibromoformate		ug/l	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U
Dibromomethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Ethylbenzene	700	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Methyl Iodide		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl isobutyl ketone		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methylene chloride		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Para-dichlorobenzene	75	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Styrene	100	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Toluene	1000	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Trichloroethene	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Vinyl Acetate		ug/l	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Vinyl chloride	1	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Xylenes	10000	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
cis-1,2-Dichloroethene	70	ug/l	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U
cis-1,3-Dichloropropene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
o-Dichlorobenzene	600	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,2-Dichloroethene	100	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,3,-Dichloropropene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3 - Trichloropropene		ug/l	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
1,2 - Dibromoethane (EDB)		ug/l	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
1,2 - dibromo-3-chloropropane		ug/l	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U

⁽¹⁾ - Maximum Contaminant Level (MCL) or Secondary Drinking Water Standard (SDWS), as established in Chapter 62-550. Analyte concentrations shown with shading represent an exceedance of the MCL or SDWS.

U = Compound was analyzed but not detected; I = Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

J = estimated value; one or more QC components exceeds QC limits

Table 3
Surface Water Analytical Summary
Hardee County Landfill
Second Half 2020

Analyte	Location:		SW-2
	Sample Identifier:		SW-2
	Date of Test:		12/30/2020
	Standard(1)	Units	
<i>Field Measurements</i>			
Temperature		deg. C	16.27
pH	6-8.5	STD	6.29
Conductivity	1275	umhos/cm	445
Dissolved Oxygen (DO)	>5	mg/l	5.32
Turbidity	29+	NTU	3.17
<i>Inorganics</i>			
Nitrate (as N)		mg/l	0.0200 U
Nitrite (as N)		mg/l	0.0200 U
Total Dissolved Solids (TDS)		mg/l	284
Aluminum	1.5	mg/l	0.0159 I
Ammonia (as N)		mg/l	7.56
Antimony	4.3	mg/l	0.00200 U
Arsenic	0.05	mg/l	0.00190 I
Barium		mg/l	0.006
Beryllium	0.00013	mg/l	0.000500 U
Cadmium	Note 2	mg/l	0.00100 U
Chromium	Note 3	mg/l	0.00130 I
Cobalt		mg/l	0.0100 U
Copper	Note 4	mg/l	0.0100 U
Iron	1	mg/l	0.428
Lead	Note 5	mg/l	0.0100 U
Mercury	0.000012	mg/l	0.00000500 U
Nickel	Note 6	mg/l	0.00200
Selenium	5	mg/l	0.00200 U
Silver	0.00007	mg/l	0.000500 U
Thallium	0.0063	mg/l	0.00100 U
Vanadium	0.049	mg/l	0.0014 I
Zinc	Note 7	mg/l	0.0100 U
Fecal coliform	800	mpn/100ml	313
Total Hardness (as CaCO ₃)		mg/l	132
Total Organic Carbon (TOC)		mg/l	34.1
Total Nitrogen		mg/l	10.2
Total Phosphorus		mg/l	0.821
Total Suspended Solids (TSS)		mg/l	1.00 U
Un-ionized Ammonia	0.02	mg/l	0.0431
Biological Oxygen Demand (BOD)		mg/l	2.00 U
Chemical Oxygen Demand (COD)		mg/l	85.7
Chlorophyll A		ug/l	1.06
Total Kheldahl Nitrogen (TKN) (as N)		mg/l	10.2
<i>Organics</i>			
1,1,1,2-Tetrachloroethane		ug/l	0.500 U
1,1,1-Trichloroethane	270	ug/l	0.500 U
1,1,2,2-Tetrachloroethane	10.8	ug/l	0.100 U
1,1,2-Trichloroethane	16	ug/l	0.500 U
1,1-Dichloroethane		ug/l	0.500 U
1,1-Dichloroethene	3.2	ug/l	0.500 U
1,2-Dichloroethane	37	ug/l	0.500 U
1,2-Dichloropropane	14	ug/l	0.200 U
1,2,3-Trichloropropane	0.2	ug/l	0.0200 U

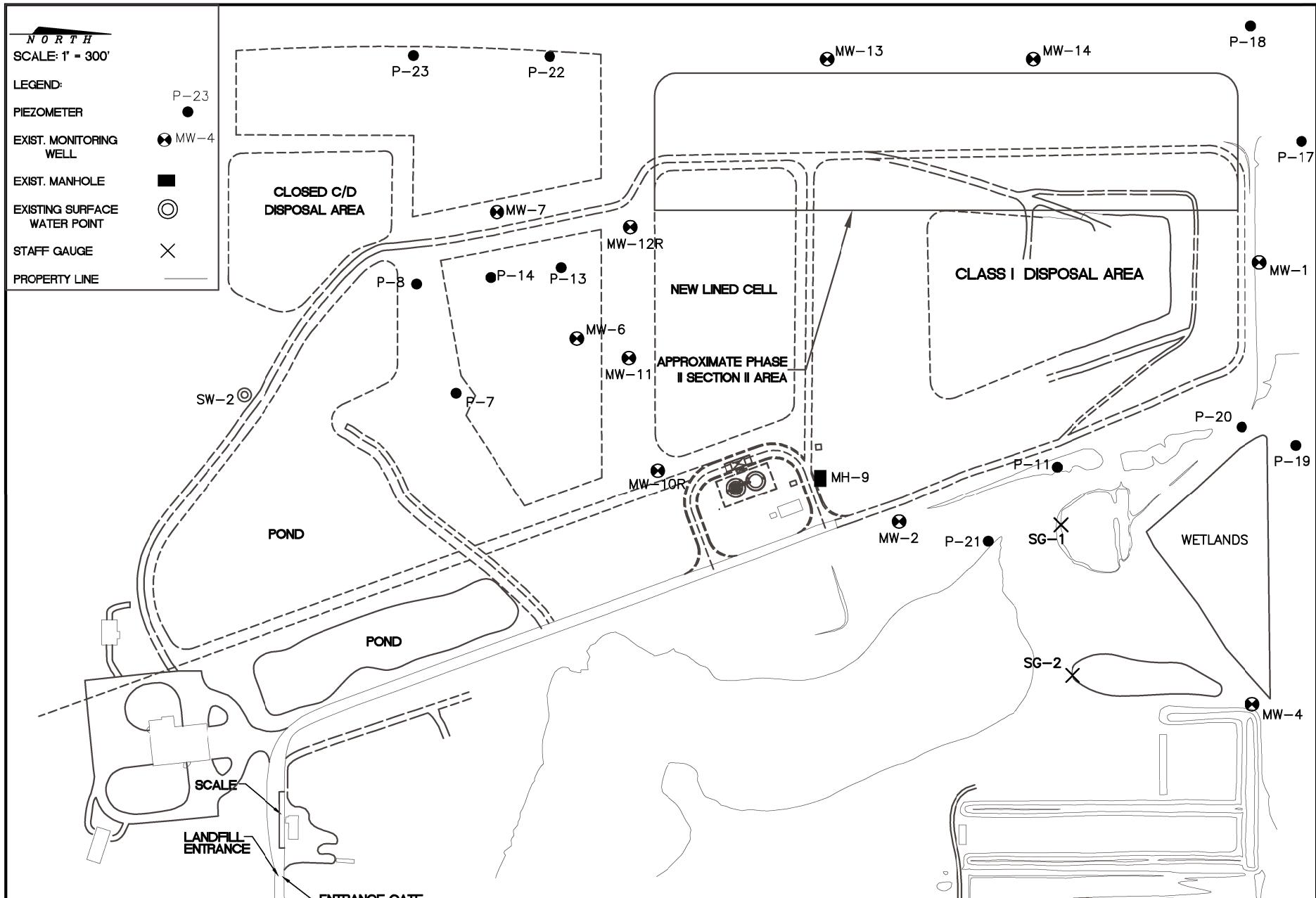
Analyte	Location:		SW-2
	Sample Identifier:		SW-2
	Date of Test:		12/30/2020
	Standard(1)	Units	
1,2-Dibromoethane (EDB)	13	ug/l	0.0100 U
1,2-Dibromo-3-chloropropane		ug/l	0.0200 U
2-Butanone (MEK)	120000	ug/l	1.00 U
2-Hexanone		ug/l	0.500 U
Acetone	1700	ug/l	5.00 U
Acrylonitrile	0.2	ug/l	0.300 U
Benzene	71.28	ug/l	0.500 U
Bromochloromethane		ug/l	0.100 U
Bromodichloromethane	49.7	ug/l	0.100 U
Bromoform		ug/l	0.500 U
Bromomethane	35	ug/l	0.500 U
Carbon disulfide	110	ug/l	1.00 U
Carbon tetrachloride	4.42	ug/l	0.500 U
Chlorobenzene	17	ug/l	0.500 U
Chloroethane		ug/l	0.500 U
Chloroform		ug/l	0.500 U
Chloromethane	470.8	ug/l	0.500 U
Dibromochloromethane		ug/l	0.400 U
Dibromomethane	1580	ug/l	0.500 U
Ethylbenzene	610	ug/l	0.500 U
Methyl iodide		ug/l	1.00 U
Methyl isobutyl ketone		ug/l	1.00 U
Methylene chloride		ug/l	1.00 U
Para-dichlorobenzene		ug/l	0.500 U
Styrene	460	ug/l	0.500 U
Tetrachloroethene	8.85	ug/l	0.500 U
Toluene	480	ug/l	0.500 U
Trichloroethene	80.7	ug/l	0.500 U
Trichlorofluoromethane		ug/l	0.500 U
Vinyl Acetate	700	ug/l	10.0 U
Vinyl chloride	2.4	ug/l	0.500 U
Xylenes	370	ug/l	0.500 U
cis-1,2-Dichloroethene	3.2	ug/l	0.200 U
cis-1,3-Dichloropropene	12	ug/l	0.500 U
o-Dichlorobenzene		ug/l	0.500 U
trans-1,2-Dichloroethene	11000	ug/l	0.500 U
trans-1,3,-Dichloropropene	12	ug/l	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U

Abbreviations: mg/l = milligrams per liter; ug/l = micrograms per liter; NTU = nephelometric turbidity units; mpn/100ml = most probable number (of bacteria colonies) per 100 ml. U = less than method detection limit (MDL) I = between MDL and practical quantitation limit Q = sample held beyond acceptable holding time

(1) Surface water standards presented in Chapter 62-302, FAC. Analyte concentrations shown with shading represent an exceedance of the regulatory level. Value of hardness is used to determine calculated standards below.

- (2) Cd less than or equal to e(0.7852(InH)-3.49)
- (3) Cr less than or equal to e(0.819(InH)+0.6848)
- (4) Cu less than or equal to e(0.845(InH)-1.702)
- (5) Pb less than or equal to e(1.273(InH)-4.705)
- (6) Ni less than or equal to e(0.846(InH)+0.0584)
- (7) Zn less than or equal to e(0.8473(InH)+0.884)

FIGURES

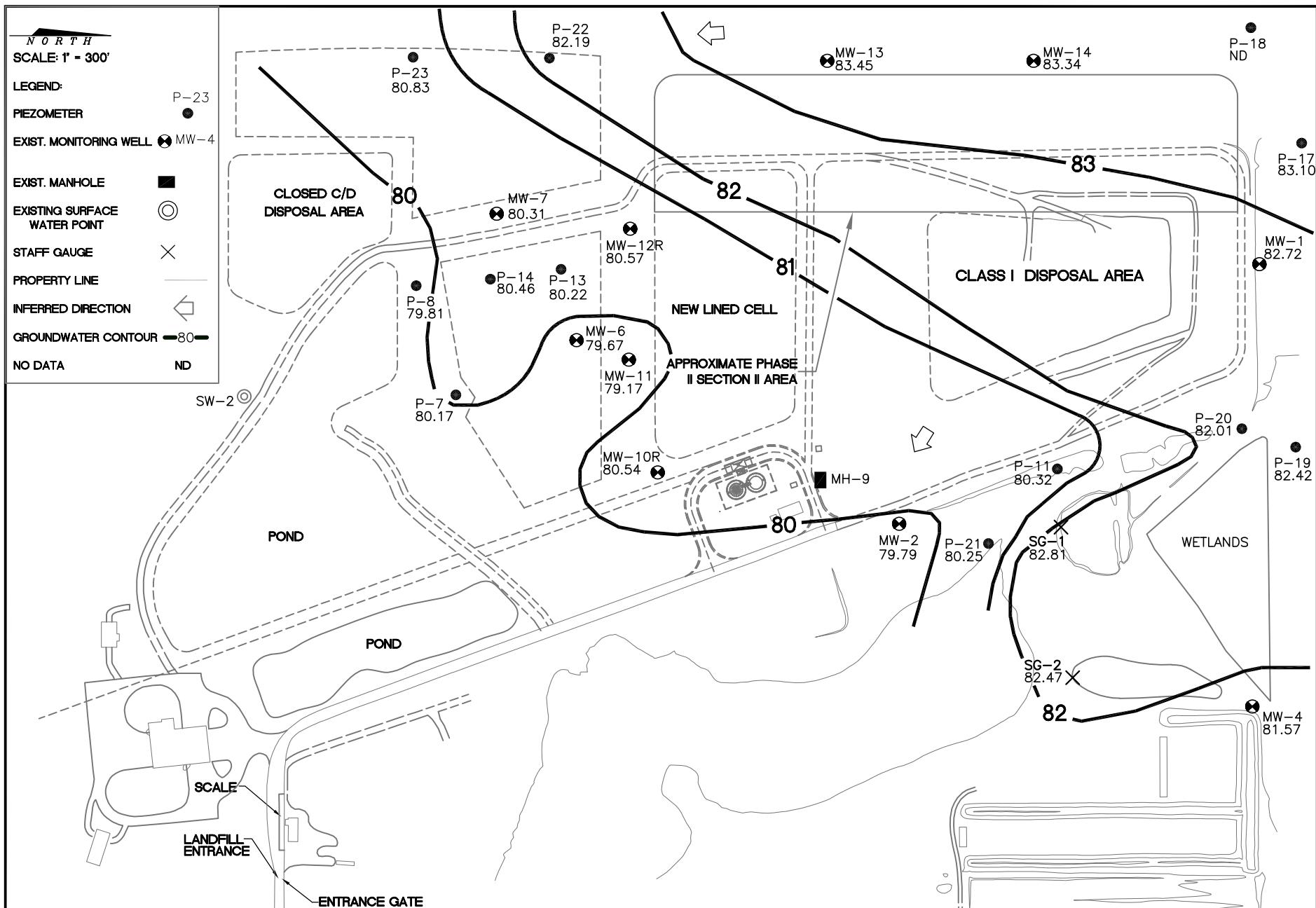


ATKINS

**HARDEE COUNTY
LANDFILL**

MONITORING POINTS

FIGURE 1



ATKINS

**HARDEE COUNTY
LANDFILL**

**WATER TABLE
ELEVATION CONTOUR MAP
SECOND HALF 2020**

FIGURE 2

ATTACHMENT A

Ground Water Monitoring Report Form



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(31), F.A.C.
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Hardee County Solid Waste Disposal Facility
Address 685 Airport Road
City Wauchula, FL Zip 33873 County Hardee
Telephone Number (863) 733-5089

(2) WACS Facility ID SWD-25-40612

(3) DEP Permit Number 38414-016-SO-01

(4) Authorized Representative's Name Bradley J. Bayne, P.G. Title Senior Geologist
Address Atkins North America, 4030 West Boy Scout Boulevard, Suite 700
City Tampa, FL Zip 33607 County Hillsborough
Telephone Number (813) 281-8377
Email address (if available) bradley.bayne@atkinsglobal.com

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

January 15, 2021
(Date)

bradley.bayne@atkinsglobal.com
(Owner or Authorized Representative's Signature)

Digitally signed by bradley.bayne@atkinsglobal.com
DN: CN=bradley.bayne@atkinsglobal.com
Subject: Bradley J. Bayne - Atkins North America
Location: your signing location here
Date: 2021-01-08 13:00:40
Post PhantomPDF Version: 9.7.2

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Atkins North America (see above information)
Analytical Lab NELAC / HRS Certification # NELAC # E83018
Lab Name Flowers Chemical Laboratories, Inc.
Address 481 Newburyport Avenue, Altamonte Springs, FL 32715
Phone Number (407) 339-5984
Email address (if available) june@flowerslabs.com (June Flowers)

ATTACHMENT B

Groundwater Sampling Logs and Field Equipment Calibration Logs

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County LF	SITE LOCATION: 685 Airport Rd, Wauchula	
WELL NO: MW-1	SAMPLE ID: MW-1	DATE: 12/29/20

PURGING DATA

WELL DIAMETER (inches): 4 TUBING DIAMETER (inches): 1/4 WELL SCREEN INTERVAL DEPTH: feet to feet STATIC DEPTH TO WATER (feet): 5.25 PURGE PUMP TYPE OR BAILER: peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

$$= (12.70 \text{ feet} - 5.25 \text{ feet}) \times 0.65 \text{ gallons/foot} = 4.84 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TURBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (GALLONS/TOOT)

EQUIPMENT VOLUME FUDGE: EQUIPMENT VOL. - PUMP VOLUME + (TUBING CAPACITY X (TUBING LENGTH)) / FLOW CELL VOLUME
 (only fill out if applicable)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8 PURGING INITIATED AT: 11:05 PURGING ENDED AT: 11:45 TOTAL VOLUME PURGED (gallons): 6.5

WELL CAPACITY (Gallons Per Foot): $0.75'' = 0.02;$ $1'' = 0.04;$ $1.25'' = 0.06;$ $2'' = 0.16;$ $3'' = 0.37;$ $4'' = 0.65;$ $5'' = 1.02;$ $6'' = 1.47;$ $12'' = 5.88$

TUBING INSIDE DIA. CAPACITY (Gal./Ft.):

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally $\pm 0.2 \text{ mg/l}$ or $\pm 10\%$ (whichever is greater). **Turbidity:** all readings $< 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater).

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County LF	SITE LOCATION: 685 Airport Rd., Wauchula	
WELL NO: MW-2	SAMPLE ID: MW-2	DATE: 12/29/20

PURGING DATA

WELL DIAMETER (inches): 4 TUBING DIAMETER (inches): 1/4 WELL SCREEN INTERVAL DEPTH: feet to feet STATIC DEPTH TO WATER (feet): 6.07 PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

$$= (12.70 \text{ feet} - 6.07 \text{ feet}) \times 0.65 \text{ gallons/foot} = 4.3 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY (only fill out if applicable) X TUBING LENGTH) + FLOW CELL VOLUME

$$= \text{gallons} + (\text{gallons/foot X feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 PURGING INITIATED AT: 8:30 PURGING ENDED AT: 9:10 TOTAL VOLUME PURGED (gallons): 6.5

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88 .

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

For more information about the study, please contact Dr. John P. Morrissey at (212) 305-2500 or via email at jmorrissey@nyp.edu.

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County LF	SITE LOCATION: 685 Airport Rd., Wauchula	
WELL NO: MW-4	SAMPLE ID: MW-4	DATE: 12/29/20

PURGING DATA

WELL CAPACITY (Gallons Per Foot): $0.75'' = 0.02;$ $1'' = 0.04;$ $1.25'' = 0.06;$ $2'' = 0.16;$ $3'' = 0.37;$ $4'' = 0.65;$ $5'' = 1.02;$ $6'' = 1.47;$ $12'' = 5.88$

BURDEN EQUIPMENT CODES: B = Boiler; PR = Paddle Pump; ESR = Electric Submersible Pump; PB = Peristaltic Pump; O = Other/Specific)

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

see Chain of Custody

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $< 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County LF	SITE LOCATION: 685 Airport Rd., Wauchula	
WELL NO: MW-10R	SAMPLE ID: MW-10R	DATE: 12/30/20

PURGING DATA

WELL DIAMETER (inches):	<u>2</u>	TUBING DIAMETER (inches):	<u>1/4</u>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	<u>8.02</u>	PURGE PUMP TYPE OR BAILER:	<u>Peristaltic</u>
----------------------------	----------	------------------------------	------------	---	----------------------------------	-------------	-------------------------------	--------------------

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

$$= (23.02 \text{ feet} - 8.02 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.4 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY (only fill out if applicable) X TUBING LENGTH) + FLOW CELL VOLUME

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11 PURGING INITIATED AT: 8:20 PURGING ENDED AT: 8:55 TOTAL VOLUME PURGED (gallons): 3.5

WELL CAPACITY (Gallons Per Foot): $0.75'' = 0.02$; $1'' = 0.04$; $1.25'' = 0.06$; $2'' = 0.16$; $3'' = 0.37$; $4'' = 0.65$; $5'' = 1.02$; $6'' = 1.47$; $12'' = 5.88$
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): $1/8'' = 0.0006$; $3/16'' = 0.0014$; $1/4'' = 0.0026$; $5/16'' = 0.004$; $3/8'' = 0.006$; $1/2'' = 0.010$; $5/8'' = 0.016$

PURGING EQUIPMENT CODES: B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLING DATA

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2 STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: $\pm 0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $< 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $< 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County LF	SITE LOCATION: 685 Airport Rd., Wauchula
WELL NO: MW-11	SAMPLE ID: MW-11
DATE: 12/29/20	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.94	PURGE PUMP TYPE OR BAILER: Peristaltic							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)		= (13.90 feet - 8.94 feet) X 0.16 gallons/foot = 0.80 gallons									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY (only fill out if applicable)		= gallons + (gallons/foot X feet) + gallons = gallons									
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 15:10	PURGING ENDED AT: 15:35	TOTAL VOLUME PURGED (gallons): 2.5							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:20	1.0	1.0	0.1	10.06	6.11	24.11	9.35	0.24	120	Tan	None
15:25	0.5	1.5	0.1	10.07	6.10	24.17	5.64	0.41	149	↓	
15:30	0.5	2.0	0.1	10.07	6.11	24.24	5.29	0.41	127		
15:35	0.5	2.5	0.1	10.07	6.11	24.23	5.09	0.41	145	↓	

WELL CAPACITY (Gallons Per Foot): **0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 .**
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016**

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Bayne / Atkins	SAMPLER(S) SIGNATURE(S): Brad Bayne	SAMPLING INITIATED AT: 15:35	SAMPLING ENDED AT: 15:45				
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: 5+1 HDPE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: _____ μm				
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N					
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED			
<i>See Chain of Custody</i>							

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene;
S = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
RFP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2);
optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County LF	SITE LOCATION: 685 Airport Rd., Wauchula
WELL NO: MW-1ZR	SAMPLE ID: MW-1ZR
DATE: 12/29/20	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.43	PURGE PUMP TYPE OR BAILER: Peristaltic							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
$= (23.04 \text{ feet} - 8.43 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.33 \text{ gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 14:20	PURGING ENDED AT: 14:55	TOTAL VOLUME PURGED (gallons): 3.5							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{s/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:45	2.5	2.5	0.1	11.43	6.77	24.67	1822	0.77	11.0	Clear	None
14:50	0.5	3.0	0.1	11.42	6.75	24.67	1824	0.76	13.5	↓	↓
14:55	0.5	3.5	0.1	11.42	6.75	24.67	1825	0.80	10.2		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: Brad Bayne / Atkins	SAMPLER(S) SIGNATURE(S): Brad Bayne	SAMPLING INITIATED AT: 14:55	SAMPLING ENDED AT: 15:05			
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: S + HDPE	FIELD-FILTERED: Y N	FILTER SIZE: _____ μm			
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N				
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION (including wet ice)		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME			
<i>See Chain of Custody</i>						

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County LF	SITE LOCATION: 685 Airport Rd., Wauchula	
WELL NO: MW-13	SAMPLE ID: MW-13	DATE: 12/29/20

PURGING DATA

WELL CAPACITY (Gallons Per Foot): $0.75'' = 0.02$; $1'' = 0.04$; $1.25'' = 0.06$; $2'' = 0.16$; $3'' = 0.37$; $4'' = 0.65$; $5'' = 1.02$; $6'' = 1.47$; $12'' = 5.88$
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): $1/8'' = 0.0006$; $3/16'' = 0.0014$; $1/4'' = 0.0026$; $5/16'' = 0.004$; $3/8'' = 0.006$; $1/2'' = 0.010$; $5/8'' = 0.016$

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2 STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/l}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $< 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: WELL NO:	Harder County LF MW-14		SITE LOCATION: SAMPLE ID:	685 Airport Rd., Wanchula MW-14	
				DATE: 12/29/20	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <u>4.82</u>	PURGE PUMP TYPE OR BAILER: <u>Peristaltic</u>							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20.35 feet - 4.82 feet) X 0.16 gallons/foot = 2.15 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>8</u>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>8</u>	PURGING INITIATED AT: <u>12:15</u>	PURGING ENDED AT: <u>12:50</u>	TOTAL VOLUME PURGED (gallons): <u>3.5</u>						
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) <u>µmhos/cm or mS/cm</u>	DISSOLVED OXYGEN (circle units) <u>mg/L or % saturation</u>	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:40	<u>2.5</u>	<u>2.5</u>	<u>0.1</u>	<u>5.57</u>	<u>6.41</u>	<u>22.22</u>	<u>1090</u>	<u>1.99</u>	<u>4.1</u>	<u>Clear</u>	<u>None</u>
12:45	<u>0.5</u>	<u>3.0</u>	<u>0.1</u>	<u>5.58</u>	<u>6.35</u>	<u>22.10</u>	<u>1124</u>	<u>2.02</u>	<u>2.81</u>	<u>↓</u>	<u>↓</u>
12:50	<u>0.5</u>	<u>3.5</u>	<u>0.1</u>	<u>5.58</u>	<u>6.38</u>	<u>22.10</u>	<u>1129</u>	<u>1.82</u>	<u>3.18</u>		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Brad Bayne / Atkins</u>	SAMPLER(S) SIGNATURE(S): <u>Brad Bayne</u>		SAMPLING INITIATED AT: <u>12:50</u>	SAMPLING ENDED AT: <u>13:00</u>			
PUMP OR TUBING DEPTH IN WELL (feet): <u>8</u>	TUBING MATERIAL CODE: <u>5+HDPE</u>		FIELD-FILTERED: <u>Y</u> <u>N</u>	FILTER SIZE: _____ µm Filtration Equipment Type:			
FIELD DECONTAMINATION: PUMP <u>Y</u> <u>N</u>	TUBING <u>Y</u> <u>N</u> (replaced)			DUPPLICATE: <u>Y</u> <u>N</u>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION (including wet ice)		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED			
See Chain of Custody							
REMARKS:							
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)							
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)							

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: WELL NO:	Hardee County LF SW-2	SITE LOCATION: SAMPLE ID:	685 Airport Rd., Wauchola SW-2
			DATE: 12/30/20

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: Peristaltic							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
= (feet - feet) X gallons/foot = gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
= gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	10	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	10	PURGING INITIATED AT: 9:45 PURGING ENDED AT: 10:00 TOTAL VOLUME PURGED (gallons): 2.0							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
9:50	1.0	1.0	0.1	—	6.55	16.29	446	5.37	16.2	Clear	None
9:55	0.5	1.5	0.1	—	6.34	16.33	444	5.31	4.52	↓	↓
10:00	0.5	2.0	0.1	—	6.29	16.27	445	5.32	3.17		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Brad Bayne / Atkins</i>	SAMPLER(S) SIGNATURE(S): <i>Brad Bayne</i>	SAMPLING INITIATED AT: 10:00	SAMPLING ENDED AT: 10:30						
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: S + HDPE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:	FILTER SIZE: _____ μm						
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N	TUBING Y <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> N							
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION (including wet ice)							
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
<i>See Chain of Custody</i>									

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#)

Y5I 556

INSTRUMENT # 65m1466AD

PARAMETER: [check only one]

provided by Peterson Env.

TEMPERATURE CONDUCTIVITY SALINITY pH ORP
 TURBIDITY RESIDUAL CL DO OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 100% (8.56 mg/l) provided by Peterson Env.

Standard B

Standard C

Standard C _____

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #** 05M1466AD

PARAMETER: [check only one] provided by Peterson Env.

<input type="checkbox"/> TEMPERATURE	<input checked="" type="checkbox"/> CONDUCTIVITY	<input type="checkbox"/> SALINITY	<input type="checkbox"/> pH	<input type="checkbox"/> ORP
<input type="checkbox"/> TURBIDITY	<input type="checkbox"/> RESIDUAL CL	<input type="checkbox"/> DO	<input type="checkbox"/> OTHER _____	

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 1,000 us provided by Peterson Env.

Standard B _____

Standard C

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#)

ysi 556

INSTRUMENT # OSM 1466 AD

PARAMETER: [check only one]

provided by Peterson Env.

TEMPERATURE

CONDUCTIVITY

SALINITY

pH

ORP

TURBIDITY

RESIDUAL CL

DC

OTHER

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 4.01

provided by Peterson Env.

Standard B 7.00

Standard C

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#) Hach 2100Q **INSTRUMENT #** 13110C029044

PARAMETER: [check only one] provided by Peterson Env.

TEMPERATURE CONDUCTIVITY SALINITY pH ORP
 TURBIDITY RESIDUAL CL DO OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

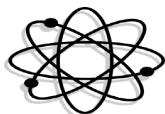
Standard A 10 NTU provided by Peterson Env.

Standard B 20 NTU

Standard C

ATTACHMENT C

Groundwater and Surface Water Laboratory Analytical Reports



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

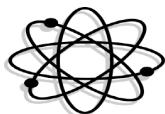
PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Report Summary

Date Received: Dec 30, 2020

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
458036GW1	MW-2/297	EPA350.1	CHL	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	CHL	Main Lab	
458036GW2	MW-4/299	EPA350.1	CHL	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	CHL	Main Lab	
458036GW3	MW-1/296	EPA350.1	CHL	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	



FLOWERS CHEMICAL LABORATORIES INC.

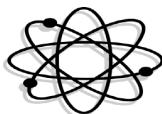
P.O. Box 150597, Altamonte Springs, FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

458036GW4	MW-14/29064	FT1600	RJC	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
458036GW5	MW-13/29063	SM4500-CI E	CHL	Main Lab	Ground Water
		EPA350.1	CHL	Main Lab	
458036GW6	MW-12R/22931	EPA353.2	PCW	Main Lab	Ground Water
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	CHL	Main Lab	
		EPA350.1	CHL	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	CHL	Main Lab	
		EPA350.1	CHL	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	



FLOWERS CHEMICAL LABORATORIES INC.

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Phone: 407-339-5984 E83018 (Main Lab)
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
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Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

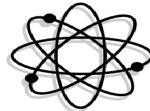
458036GW7	MW-11/21882	SM4500-CI E	CHL	Main Lab	
		EPA350.1	CHL	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	CHL	Main Lab	

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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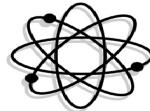
Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Analysis Report

Lab #: 458036GW1 Sampled: 12/29/20 09:10 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10453213	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	79.8	ft	1.00	-10.0	-10.0	10453359	FT1000		12/30/20
Field pH (units)	6.88	pH	1.00	0.0100	0.0200	10453360	FT1100	C006	12/30/20
Field Conductivity	806	umhos/cm	1.00	0.0100	0.0100	10453361	FT1200		12/30/20
Field Temp. (C)	21.7	oC	1.00	0.0100	0.0100	10453362	FT1400		12/30/20
Field DO	2.32	mg/L	1.00	0.0100	0.0100	10453363	FT1500		12/30/20
Field Turbidity	10.0	NTU	1.00	0.0100	0.0100	10453364	FT1600		12/30/20
Iron	4.92	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Sodium	24.6	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00280	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.0171	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.00220	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.00560	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21



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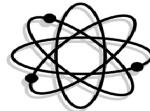
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW1 Sampled: 12/29/20 09:10 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	492	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	10.3	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21



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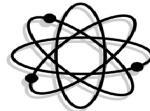
PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW1 Sampled: 12/29/20 09:10 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	101.83%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	97.07%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	94.57%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	24.4	mg/L	1.00	4.00	8.00	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21

Lab #: 458036GW2 Sampled: 12/29/20 10:50 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
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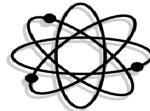
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Lab #: 458036GW2 Sampled: 12/29/20 10:50 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10453213	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	0.213	mg/L	1.00	0.0100	0.0200	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	81.6	ft	1.00	-10.0	-10.0	10453359	FT1000		12/30/20
Field pH (units)	6.66	pH	1.00	0.0100	0.0200	10453360	FT1100	C006	12/30/20
Field Conductivity	609	umhos/cm	1.00	0.0100	0.0100	10453361	FT1200		12/30/20
Field Temp. (C)	22.5	oC	1.00	0.0100	0.0100	10453362	FT1400		12/30/20
Field DO	0.350	mg/L	1.00	0.0100	0.0100	10453363	FT1500		12/30/20
Field Turbidity	4.86	NTU	1.00	0.0100	0.0100	10453364	FT1600		12/30/20
Iron	11.4	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Sodium	7.44	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.0112	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.0107	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.00560	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.00180 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.0207	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	480	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20



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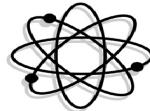
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Lab #: 458036GW2 Sampled: 12/29/20 10:50 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21



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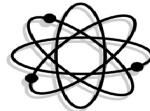
PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW2 Sampled: 12/29/20 10:50 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	104.00%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	101.17%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	94.43%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	7.38 I	mg/L	1.00	4.00	8.00	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21

Lab #: 458036GW3 Sampled: 12/29/20 11:45 AM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0526	mg/L	1.00	0.0200	0.0400	10453213	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	82.7	ft	1.00	-10.0	-10.0	10453359	FT1000		12/30/20



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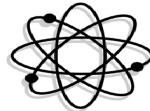
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
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Jan 8, 2021; Invoice: 458036

Lab #: 458036GW3 Sampled: 12/29/20 11:45 AM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field pH (units)	4.23	pH	1.00	0.0100	0.0200	10453360	FT1100	C006	12/30/20
Field Conductivity	204	umhos/cm	1.00	0.0100	0.0100	10453361	FT1200		12/30/20
Field Temp. (C)	22.6	oC	1.00	0.0100	0.0100	10453362	FT1400		12/30/20
Field DO	2.40	mg/L	1.00	0.0100	0.0100	10453363	FT1500		12/30/20
Field Turbidity	12.1	NTU	1.00	0.0100	0.0100	10453364	FT1600		12/30/20
Iron	5.97	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Sodium	14.5	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00560	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.00880	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.0294	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00120 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00170 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.00510	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.0161	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	284	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21



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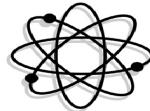
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW3 Sampled: 12/29/20 11:45 AM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21



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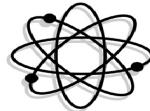
PO #: Proj. P100073151
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Jan 8, 2021; Invoice: 458036

Lab #: 458036GW3 **Sampled:** 12/29/20 11:45 AM **Desc:** MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	102.13%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	99.90%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	93.50%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	22.4	mg/L	1.00	4.00	8.00	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21

Lab #: 458036GW4 **Sampled:** 12/29/20 12:50 PM **Desc:** MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	4.66	mg/L	1.00	0.0200	0.0400	10453213	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	12.8	mg/L	15.0	0.150	0.300	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	83.3	ft	1.00	-10.0	-10.0	10453359	FT1000		12/30/20
Field pH (units)	6.38	pH	1.00	0.0100	0.0200	10453360	FT1100	C006	12/30/20
Field Conductivity	1130	umhos/cm	1.00	0.0100	0.0100	10453361	FT1200		12/30/20
Field Temp. (C)	22.1	oC	1.00	0.0100	0.0100	10453362	FT1400		12/30/20



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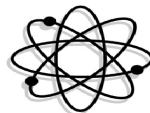
Phone: 407-339-5984 E83018 (Main Lab)
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Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW4 Sampled: 12/29/20 12:50 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field DO	1.82	mg/L	1.00	0.0100	0.0100	10453363	FT1500		12/30/20
Field Turbidity	3.18	NTU	1.00	0.0100	0.0100	10453364	FT1600		12/30/20
Iron	0.317	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Sodium	18.2	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00220	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.00760	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.00960	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.00310	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	698	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21



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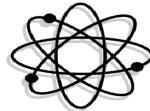
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW4 Sampled: 12/29/20 12:50 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21



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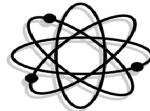
PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW4 **Sampled:** 12/29/20 12:50 PM **Desc:** MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	100.63%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	99.63%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	95.00%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	38.9	mg/L	1.00	4.00	8.00	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21

Lab #: 458036GW5 **Sampled:** 12/29/20 02:00 PM **Desc:** MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	81.8	mg/L	20.0	0.400	0.800	10453214	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	62.3	mg/L	15.0	0.150	0.300	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	83.5	ft	1.00	-10.0	-10.0	10453359	FT1000		12/30/20
Field pH (units)	6.65	pH	1.00	0.0100	0.0200	10453360	FT1100	C006	12/30/20
Field Conductivity	2120	umhos/cm	1.00	0.0100	0.0100	10453361	FT1200		12/30/20
Field Temp. (C)	23.1	oC	1.00	0.0100	0.0100	10453362	FT1400		12/30/20
Field DO	0.460	mg/L	1.00	0.0100	0.0100	10453363	FT1500		12/30/20
Field Turbidity	8.49	NTU	1.00	0.0100	0.0100	10453364	FT1600		12/30/20
Iron	0.221	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21



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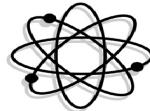
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Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW5 Sampled: 12/29/20 02:00 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Sodium	27.2	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00290	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.00860	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.00180 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00110 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00530	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.0202	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00310 I	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.00720	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	1110	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21



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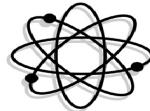
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW5 Sampled: 12/29/20 02:00 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21



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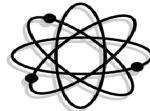
PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
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Lab #: 458036GW5 Sampled: 12/29/20 02:00 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	102.67%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	99.67%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	93.93%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	63.6	mg/L	2.00	8.00	16.0	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	5.16 E-05	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21

Lab #: 458036GW6 Sampled: 12/29/20 02:55 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	98.7	mg/L	20.0	0.400	0.800	10453214	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	9.51	mg/L	15.0	0.150	0.300	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	80.6	ft	1.00	-10.0	-10.0	10453359	FT1000		12/30/20
Field pH (units)	6.75	pH	1.00	0.0100	0.0200	10453360	FT1100	C006	12/30/20
Field Conductivity	1830	umhos/cm	1.00	0.0100	0.0100	10453361	FT1200		12/30/20
Field Temp. (C)	24.7	oC	1.00	0.0100	0.0100	10453362	FT1400		12/30/20
Field DO	0.800	mg/L	1.00	0.0100	0.0100	10453363	FT1500		12/30/20
Field Turbidity	10.2	NTU	1.00	0.0100	0.0100	10453364	FT1600		12/30/20
Iron	0.177	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Sodium	37.9	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00540	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21



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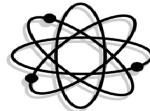
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Lab #: 458036GW6 Sampled: 12/29/20 02:55 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Barium	0.0144	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.00310	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00300	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.0117	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.0188	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00180 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.0214	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0202	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	1200	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	9.01 I	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21



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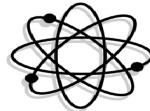
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Lab #: 458036GW6 Sampled: 12/29/20 02:55 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21



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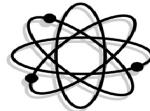
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Lab #: 458036GW6 Sampled: 12/29/20 02:55 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	102.53%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	98.30%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	94.60%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	58.4	mg/L	2.00	8.00	16.0	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	3.58 E-05	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21

Lab #: 458036GW7 Sampled: 12/29/20 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	13.6	mg/L	1.00	0.0200	0.0400	10453214	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	21.8	mg/L	15.0	0.150	0.300	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	79.2	ft	1.00	-10.0	-10.0	10453359	FT1000		12/30/20
Field pH (units)	6.11	pH	1.00	0.0100	0.0200	10453360	FT1100	C006	12/30/20
Field Conductivity	509	umhos/cm	1.00	0.0100	0.0100	10453361	FT1200		12/30/20
Field Temp. (C)	24.2	oC	1.00	0.0100	0.0100	10453362	FT1400		12/30/20
Field DO	0.410	mg/L	1.00	0.0100	0.0100	10453363	FT1500		12/30/20
Field Turbidity	145	NTU	1.00	0.0100	0.0100	10453364	FT1600		12/30/20
Iron	1.15	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Sodium	15.1	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00380	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.0446	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21



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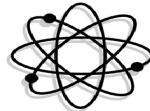
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Lab #: 458036GW7 Sampled: 12/29/20 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chromium	0.0107	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00170 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00700	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.00480	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.0134	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0243	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	384	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	7.48 I	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21



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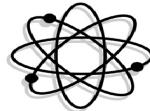
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Jan 8, 2021; Invoice: 458036

Lab #: 458036GW7 Sampled: 12/29/20 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21



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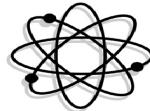
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Lab #: 458036GW7 Sampled: 12/29/20 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	102.53%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	99.37%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	94.43%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	29.5	mg/L	1.00	4.00	8.00	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	0.000116	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21



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Quality Report

Quality Control Batch: 10453213

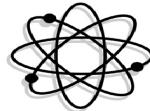
		Analyst: PCW						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		0.0200U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		1.07	mg/L	1.00	107.00	90.00-110.00	0.0200U	458015GW1
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		3.58	mg/L	4.00	89.50	90.00-110.00	0.0200U	458015GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Nitrate(as N)		3.58	mg/L	4.00	89.50	90.00-110.00	0.0200U	0.00
		RPD Lim						
		20.00						

Quality Control Batch: 10453214

		Analyst: PCW						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		0.0200U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		1.04	mg/L	1.00	104.40	90.00-110.00	0.0200U	458024SW1
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		3.35	mg/L	3.60	93.06	90.00-110.00	0.0200U	458024SW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Nitrate(as N)		3.33	mg/L	3.60	92.50	90.00-110.00	0.0200U	0.60
		RPD Lim						
		20.00						

Quality Control Batch: 10453279

		Analyst: CHL						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		0.0100U	mg/L					



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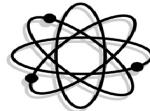
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Quality Control Batch: 10453279		Analyst: CHL						
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Ammonia (as N)		2.04	mg/L	2.00	102.00	90.00-110.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		0.334	mg/L	1.00	103.60	90.00-110.00	-0.702	457945WW5
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Ammonia (as N)		0.324	mg/L	1.00	102.60	90.00-110.00	-0.702	3.04
								RPD Lim
								20.00

Quality Control Batch: 10453502		Analyst: EVB						
Blank		Result	Units					
Iron		0.0100U	mg/L					
Sodium		0.500U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Iron		10.8	mg/L	10.0	108.18	80.00-120.00		
Sodium		10.3	mg/L	10.0	103.18	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron		13.2	mg/L	10.0	105.33	80.00-120.00	2.67	100000GW1
Sodium		10.6	mg/L	10.0	106.20	75.00-125.00	0.500U	100000GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Iron		13.0	mg/L	10.0	103.25	80.00-120.00	2.67	1.59
								RPD Lim
								20.00



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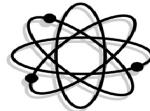
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Quality Control Batch: 10453502		Analyst: EVB						
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Sodium	10.7	mg/L	10.0	106.54	75.00-125.00	0.500U	0.32	20.00
Quality Control Batch: 10453513		Analyst: EVB						
Blank	Result	Units						
Antimony	0.00200U	mg/L						
Arsenic	0.00100U	mg/L						
Barium	0.00200U	mg/L						
Beryllium	0.000500U	mg/L						
Cadmium	0.00100U	mg/L						
Chromium	0.00100U	mg/L						
Cobalt	0.00100U	mg/L						
Copper	0.00100U	mg/L						
Lead	0.00100U	mg/L						
Nickel	0.00100U	mg/L						
Selenium	0.00200U	mg/L						
Silver	0.000500U	mg/L						
Thallium	0.00100U	mg/L						
Vanadium	0.00100U	mg/L						
Zinc	0.0100U	mg/L						
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Antimony	0.101	mg/L	0.100	101.40	80.00-120.00			
Arsenic	0.0983	mg/L	0.100	98.30	80.00-120.00			
Barium	0.102	mg/L	0.100	101.70	80.00-120.00			
Beryllium	0.106	mg/L	0.100	105.50	80.00-120.00			
Cadmium	0.108	mg/L	0.100	107.70	80.00-120.00			
Chromium	0.105	mg/L	0.100	105.30	80.00-120.00			
Cobalt	0.106	mg/L	0.100	105.80	80.00-120.00			
Copper	0.105	mg/L	0.100	104.90	80.00-120.00			



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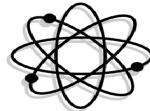
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Quality Control Batch: 10453513		Analyst: EVB						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Lead	0.102	mg/L	0.100	102.30	80.00-120.00			
Nickel	0.105	mg/L	0.100	104.80	80.00-120.00			
Selenium	0.0989	mg/L	0.100	98.90	80.00-120.00			
Silver	0.104	mg/L	0.100	104.20	80.00-120.00			
Thallium	0.110	mg/L	0.100	109.50	80.00-120.00			
Vanadium	0.103	mg/L	0.100	102.90	80.00-120.00			
Zinc	0.112	mg/L	0.100	111.60	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Antimony	0.111	mg/L	0.100	110.60	75.00-125.00	0.00200U	458211GW1	
Arsenic	0.0926	mg/L	0.100	92.60	75.00-125.00	0.00100U	458211GW1	
Barium	0.0827	mg/L	0.100	79.90	75.00-125.00	0.00280	458211GW1	
Beryllium	0.114	mg/L	0.100	114.00	75.00-125.00	0.000500U	458211GW1	
Cadmium	0.0717	mg/L	0.100	71.70	75.00-125.00	0.00100U	458211GW1	
Chromium	0.107	mg/L	0.100	107.30	75.00-125.00	0.00100U	458211GW1	
Cobalt	0.109	mg/L	0.100	108.90	75.00-125.00	0.00100U	458211GW1	
Copper	0.100	mg/L	0.100	97.70	75.00-125.00	0.00230	458211GW1	
Lead	0.0981	mg/L	0.100	98.10	75.00-125.00	0.00100U	458211GW1	
Nickel	0.112	mg/L	0.100	111.80	75.00-125.00	0.00100U	458211GW1	
Selenium	0.0877	mg/L	0.100	87.70	75.00-125.00	0.00200U	458211GW1	
Silver	0.0973	mg/L	0.100	97.30	75.00-125.00	0.000500U	458211GW1	
Thallium	0.0954	mg/L	0.100	95.40	75.00-125.00	0.00100U	458211GW1	
Vanadium	0.104	mg/L	0.100	104.40	75.00-125.00	0.00100U	458211GW1	
Zinc	0.128	mg/L	0.100	101.30	75.00-125.00	0.0262	458211GW1	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Antimony	0.113	mg/L	0.100	113.20	75.00-125.00	0.00200U	2.32	40.00
Arsenic	0.0913	mg/L	0.100	91.30	75.00-125.00	0.00100U	1.41	20.00
Barium	0.0840	mg/L	0.100	81.20	75.00-125.00	0.00280	1.56	20.00



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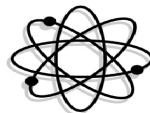
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Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Quality Control Batch: 10453513		Analyst: EVB							
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim	
Beryllium	0.125	mg/L	0.100	124.60	75.00-125.00	0.000500U	8.89	40.00	
Cadmium	0.0696	mg/L	0.100	69.60	75.00-125.00	0.00100U	2.97	20.00	
Chromium	0.107	mg/L	0.100	106.50	75.00-125.00	0.00100U	0.75	20.00	
Cobalt	0.107	mg/L	0.100	106.90	75.00-125.00	0.00100U	1.85	40.00	
Copper	0.0965	mg/L	0.100	94.20	75.00-125.00	0.00230	3.56	20.00	
Lead	0.0990	mg/L	0.100	99.00	75.00-125.00	0.00100U	0.91	20.00	
Nickel	0.106	mg/L	0.100	106.40	75.00-125.00	0.00100U	4.95	20.00	
Selenium	0.0869	mg/L	0.100	86.90	75.00-125.00	0.00200U	0.92	20.00	
Silver	0.0996	mg/L	0.100	99.60	75.00-125.00	0.000500U	2.34	20.00	
Thallium	0.0976	mg/L	0.100	97.60	75.00-125.00	0.00100U	2.28	40.00	
Vanadium	0.103	mg/L	0.100	102.60	75.00-125.00	0.00100U	1.74	20.00	
Zinc	0.123	mg/L	0.100	97.00	75.00-125.00	0.0262	3.43	20.00	

Quality Control Batch: 10453630		Analyst: DLJ							
Blank	Result	Units							
1,2,3-Trichloropropane	0.0200U	ug/L							
1,2-Dibromoethane (EDB)	0.0100U	ug/L							
1,2-dibromo-3-chloropropane	0.0200U	ug/L							

Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
1,2,3-Trichloropropane	0.268	ug/L	0.251	106.64	50.00-170.00			
1,2-Dibromoethane (EDB)	0.274	ug/L	0.251	109.15	50.00-170.00			
1,2-dibromo-3-chloropropane	0.258	ug/L	0.251	102.63	50.00-170.00			
Laboratory Control Sample Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,2,3-Trichloropropane	0.278	ug/L	0.251	110.54	50.00-170.00	3.59	30.00	
1,2-Dibromoethane (EDB)	0.298	ug/L	0.251	118.46	50.00-170.00	8.18	30.00	
1,2-dibromo-3-chloropropane	0.253	ug/L	0.251	100.80	50.00-170.00	1.80	30.00	



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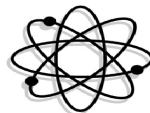
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Quality Control Batch: 10453636

	Analyst: PLB					
Blank	Result	Units				
TDS	2.50U	mg/L				
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	
TDS	1470	mg/L	1500	98.13	80.00-120.00	
Duplicate	Result	Units	Sample	RPD	RPD Lim	Lab Number
TDS	486	mg/L	492	1.23	20.00	458036GW1

Quality Control Batch: 10453678

	Analyst: BNP
Blank	Result
1,1,1,2-Tetrachloroethane	0.500U
1,1,1-Trichloroethane	0.500U
1,1,2,2-Tetrachloroethane	0.500U
1,1,2-Trichloroethane	0.500U
1,1-Dichloroethane	0.500U
1,1-Dichloroethene	0.500U
1,2-dichloroethane	0.500U
1,2-dichloropropane	0.200U
2-Butanone (MEK)	1.00U
2-Hexanone	0.500U
2-chloroethylvinylether	1.00U
Acetone	5.00U
Acrylonitrile	0.300U
Benzene	0.500U
Bromochloromethane	0.100U
Bromodichloromethane	0.100U
Bromoform	0.500U
Bromomethane	0.500U



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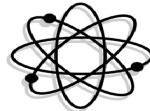
Quality Control Batch: 10453678

Blank

Carbon Disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
Dibromochloromethane
Dibromomethane
Dichlorodifluoromethane
Ethylbenzene
Methyl Iodide
Methyl isobutyl ketone
Methylene chloride
Para-dichlorobenzene
Styrene
Tetrachloroethene
Toluene
Trichloroethene
Trichlorofluoromethane
Vinyl Acetate
Vinyl chloride
Xylenes
cis-1,2-dichloroethene
cis-1,3-Dichloropropene
m-dichlorobenzene
o-dichlorobenzene
trans-1,2-dichloroethene
trans-1,3,-Dichloropropene
trans-1,4-dichloro-2-butene

Analyst: BNP

	Result	Units
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Dichlorodifluoromethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L
Methylene chloride	1.00U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
cis-1,3-Dichloropropene	0.500U	ug/L
m-dichlorobenzene	0.500U	ug/L
o-dichlorobenzene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L



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Quality Control Batch: 10453678

Blank

Surr:1,2-Dichloroethane-d4
Surr:Bromofluorobenzene
Surr:Toluene-d8

Analyst: BNP

Result

Units

Laboratory Control Sample

Result

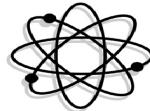
Units

Spike

%REC

%REC Lim

1,1,1,2-Tetrachloroethane 39.3 ug/L 40.0 98.30 50.00-150.00
1,1,1-Trichloroethane 36.4 ug/L 40.0 90.97 50.00-150.00
1,1,2,2-Tetrachloroethane 42.0 ug/L 40.0 104.93 50.00-150.00
1,1,2-Trichloroethane 38.2 ug/L 40.0 95.38 50.00-150.00
1,1-Dichloroethane 35.3 ug/L 40.0 88.33 50.00-150.00
1,1-Dichloroethene 37.0 ug/L 40.0 92.60 50.00-150.00
1,2-dichloroethane 36.1 ug/L 40.0 90.15 50.00-150.00
1,2-dichloropropane 36.7 ug/L 40.0 91.63 50.00-150.00
2-Butanone (MEK) 39.1 ug/L 40.0 97.85 50.00-150.00
2-Hexanone 35.2 ug/L 40.0 87.90 50.00-150.00
Acetone 32.2 ug/L 40.0 80.38 50.00-150.00
Acrylonitrile 34.4 ug/L 40.0 85.90 50.00-150.00
Benzene 37.1 ug/L 40.0 92.80 50.00-150.00
Bromochloromethane 36.9 ug/L 40.0 92.25 50.00-150.00
Bromodichloromethane 36.4 ug/L 40.0 91.08 70.00-130.00
Bromoform 40.4 ug/L 40.0 100.88 50.00-130.00
Bromomethane 40.1 ug/L 40.0 100.28 50.00-150.00
Carbon Disulfide 37.1 ug/L 40.0 92.62 50.00-150.00
Carbon Tetrachloride 36.5 ug/L 40.0 91.20 50.00-150.00
Chlorobenzene 39.3 ug/L 40.0 98.25 50.00-150.00
Chloroethane 38.2 ug/L 40.0 95.57 50.00-150.00
Chloroform 35.8 ug/L 40.0 89.60 50.00-150.00
Chloromethane 37.0 ug/L 40.0 92.48 50.00-150.00
Dibromochloromethane 39.8 ug/L 40.0 99.60 50.00-150.00



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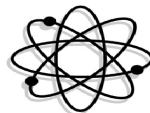
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Quality Control Batch: 10453678		Analyst: BNP					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
Dibromomethane	35.9	ug/L	40.0	89.67	50.00-150.00		
Dichlorodifluoromethane	39.7	ug/L	40.0	99.22	35.00-155.00		
Ethylbenzene	40.7	ug/L	40.0	101.65	50.00-150.00		
Methyl Iodide	34.5	ug/L	40.0	86.25	50.00-150.00		
Methyl isobutyl ketone	33.6	ug/L	40.0	84.03	50.00-150.00		
Methylene chloride	27.0	ug/L	40.0	67.43	50.00-150.00		
Para-dichlorobenzene	39.6	ug/L	40.0	99.10	50.00-150.00		
Styrene	41.5	ug/L	40.0	103.82	50.00-150.00		
Tetrachloroethene	37.1	ug/L	40.0	92.68	50.00-150.00		
Toluene	39.6	ug/L	40.0	99.05	50.00-150.00		
Trichloroethene	35.7	ug/L	40.0	89.35	50.00-150.00		
Trichlorofluoromethane	31.9	ug/L	40.0	79.68	50.00-150.00		
Vinyl chloride	38.1	ug/L	40.0	95.35	50.00-150.00		
Xylenes	122	ug/L	120	101.56	50.00-150.00		
cis-1,2-dichloroethene	36.5	ug/L	40.0	91.32	50.00-150.00		
cis-1,3-Dichloropropene	35.6	ug/L	40.0	88.97	50.00-150.00		
m-dichlorobenzene	40.0	ug/L	40.0	100.03	50.00-150.00		
o-dichlorobenzene	39.5	ug/L	40.0	98.80	50.00-150.00		
trans-1,2-dichloroethene	36.6	ug/L	40.0	91.38	50.00-150.00		
trans-1,3,-Dichloropropene	38.0	ug/L	40.0	94.95	50.00-150.00		
Surr:1,2-Dichloroethane-d4	29.8	ug/L	30.0	99.43	50.00-150.00		
Surr:Bromofluorobenzene	28.7	ug/L	30.0	95.50	50.00-150.00		
Surr:Toluene-d8	30.0	ug/L	30.0	99.87	50.00-150.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	39.7	ug/L	40.0	99.20	50.00-150.00	0.91	20.00
1,1,1-Trichloroethane	36.8	ug/L	40.0	92.03	50.00-150.00	1.15	20.00
1,1,2,2-Tetrachloroethane	41.3	ug/L	40.0	103.28	50.00-150.00	1.59	20.00
1,1,2-Trichloroethane	37.8	ug/L	40.0	94.40	50.00-150.00	1.03	20.00



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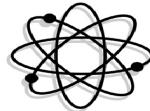
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Laboratory Control Sample Duplicate	Analyst:	BNP	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,1-Dichloroethane			35.7	ug/L	40.0	89.32	50.00-150.00	1.13	20.00
1,1-Dichloroethene			38.2	ug/L	40.0	95.40	50.00-150.00	2.98	20.00
1,2-dichloroethane			35.7	ug/L	40.0	89.17	50.00-150.00	1.09	20.00
1,2-dichloropropane			36.2	ug/L	40.0	90.52	50.00-150.00	1.21	20.00
2-Butanone (MEK)			37.3	ug/L	40.0	93.25	50.00-150.00	4.81	20.00
2-Hexanone			35.4	ug/L	40.0	88.40	50.00-150.00	0.57	20.00
Acetone			28.6	ug/L	40.0	71.47	50.00-150.00	11.72	20.00
Acrylonitrile			32.0	ug/L	40.0	80.10	50.00-150.00	6.99	30.00
Benzene			37.4	ug/L	40.0	93.47	50.00-150.00	0.72	20.00
Bromochloromethane			35.8	ug/L	40.0	89.38	50.00-150.00	3.17	20.00
Bromodichloromethane			36.2	ug/L	40.0	90.47	70.00-130.00	0.66	20.00
Bromoform			40.0	ug/L	40.0	99.97	50.00-130.00	0.90	20.00
Bromomethane			40.0	ug/L	40.0	100.03	50.00-150.00	0.25	20.00
Carbon Disulfide			38.4	ug/L	40.0	96.10	50.00-150.00	3.68	20.00
Carbon Tetrachloride			36.6	ug/L	40.0	91.55	50.00-150.00	0.38	20.00
Chlorobenzene			39.5	ug/L	40.0	98.77	50.00-150.00	0.53	20.00
Chloroethane			39.4	ug/L	40.0	98.58	50.00-150.00	3.09	20.00
Chloroform			36.0	ug/L	40.0	89.88	50.00-150.00	0.31	20.00
Chloromethane			38.3	ug/L	40.0	95.65	50.00-150.00	3.38	20.00
Dibromochloromethane			39.9	ug/L	40.0	99.78	50.00-150.00	0.18	20.00
Dibromomethane			35.1	ug/L	40.0	87.62	50.00-150.00	2.31	20.00
Dichlorodifluoromethane			40.6	ug/L	40.0	101.60	35.00-155.00	2.37	20.00
Ethylbenzene			41.1	ug/L	40.0	102.85	50.00-150.00	1.17	20.00
Methyl Iodide			35.3	ug/L	40.0	88.28	50.00-150.00	2.32	20.00
Methyl isobutyl ketone			33.8	ug/L	40.0	84.48	50.00-150.00	0.53	20.00
Methylene chloride			27.0	ug/L	40.0	67.47	50.00-150.00	0.07	20.00
Para-dichlorobenzene			39.6	ug/L	40.0	99.08	50.00-150.00	0.03	20.00
Styrene			41.6	ug/L	40.0	103.93	50.00-150.00	0.10	20.00
Tetrachloroethene			37.7	ug/L	40.0	94.22	50.00-150.00	1.66	20.00



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 29, 2020
Jan 8, 2021; Invoice: 458036

Quality Control Batch: 10453678

Laboratory Control Sample Duplicate

	Analyst: BNP						
	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Toluene	40.3	ug/L	40.0	100.78	50.00-150.00	1.73	20.00
Trichloroethene	36.6	ug/L	40.0	91.38	50.00-150.00	2.24	20.00
Trichlorofluoromethane	33.4	ug/L	40.0	83.40	50.00-150.00	4.57	20.00
Vinyl chloride	39.6	ug/L	40.0	98.88	50.00-150.00	3.63	20.00
Xylenes	122	ug/L	120	101.81	50.00-150.00	0.25	20.00
cis-1,2-dichloroethene	36.8	ug/L	40.0	91.93	50.00-150.00	0.65	20.00
cis-1,3-Dichloropropene	35.3	ug/L	40.0	88.25	50.00-150.00	0.82	20.00
m-dichlorobenzene	40.1	ug/L	40.0	100.22	50.00-150.00	0.20	20.00
o-dichlorobenzene	40.0	ug/L	40.0	99.95	50.00-150.00	1.16	20.00
trans-1,2-dichloroethene	36.7	ug/L	40.0	91.82	50.00-150.00	0.49	20.00
trans-1,3,-Dichloropropene	37.5	ug/L	40.0	93.65	50.00-150.00	1.38	20.00
Surr:1,2-Dichloroethane-d4	29.8	ug/L	30.0	99.30	50.00-150.00	0.13	20.00
Surr:Bromofluorobenzene	28.7	ug/L	30.0	95.50	50.00-150.00	0.00	20.00
Surr:Toluene-d8	29.9	ug/L	30.0	99.60	50.00-150.00	0.27	20.00

Quality Control Batch: 10453862

Blank

Chloride

Laboratory Control Sample

Chloride

Matrix Spike

Chloride

Matrix Spike Duplicate

Chloride

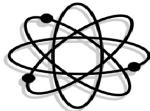
Analyst: CHL

	Result	Units
	4.00U	mg/L

	Result	Units	Spike	%REC	%REC Lim
	162	mg/L	150	108.00	80.00-120.00

	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
	140	mg/L	100	109.70	80.00-120.00	30.3	457552GW1

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
	140	mg/L	100	109.70	80.00-120.00	30.3	0.00	20.00



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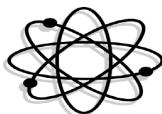
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PO #: Proj. P100073151
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Jan 8, 2021; Invoice: 458036

Quality Control Batch: 10453925		Analyst: PCW						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Mercury		0.0000200U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Mercury		0.000965	mg/L	0.00100	96.50	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Mercury		0.00306	mg/L	0.00300	103.58	80.00-120.00	-0.0000464	458036GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Mercury		0.00299	mg/L	0.00300	101.25	80.00-120.00	-0.0000464	2.31
								RPD Lim
								20.00



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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis.

Nitrate values were confirmed by additional dilutions to bring concentrations within the calibration range.

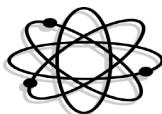
Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.



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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Report Summary

Date Received: Dec 30, 2020

FCL Project Manager: June S. Flowers

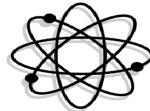
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
458039GW1	MW-10R/22930	EPA350.1	CHL	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	CHL	Main Lab	
458039GW2	Trip Blank	EPA8260B	BNP	Main Lab	Ground Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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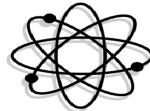
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Analysis Report

Lab #: 458039GW1 Sampled: 12/30/20 08:55 AM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10453214	EPA353.2	14797-55-8	12/30/20 06:14 PM
Ammonia (as N)	1.16	mg/L	1.00	0.0100	0.0200	10453279	EPA350.1	7664-41-7	12/31/20
Field Ground Water Elevation	80.5	ft	1.00	-10.0	-10.0	10453366	FT1000		12/30/20
Field pH (units)	6.57	pH	1.00	0.0100	0.0200	10453367	FT1100	C006	12/30/20
Field Conductivity	743	umhos/cm	1.00	0.0100	0.0100	10453368	FT1200		12/30/20
Field Temp. (C)	24.4	oC	1.00	0.0100	0.0100	10453369	FT1400		12/30/20
Field DO	0.690	mg/L	1.00	0.0100	0.0100	10453370	FT1500		12/30/20
Field Turbidity	16.1	NTU	1.00	0.0100	0.0100	10453371	FT1600		12/30/20
Iron	26.7	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Sodium	19.0	mg/L	1.00	0.500	1.00	10453502	EPA6010D	7440-23-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00400	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.0100	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.00270	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.00390	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21



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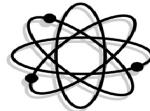
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Lab #: 458039GW1 Sampled: 12/30/20 08:55 AM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	370	mg/L	1.00	2.50	5.00	10453669	SM2540 C	10-33-3	01/05/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21



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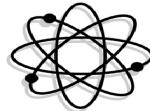
PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Lab #: 458039GW1 Sampled: 12/30/20 08:55 AM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	101.43%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	100.97%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	93.60%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chloride	30.3	mg/L	1.00	4.00	8.00	10453862	SM4500-CI E	16887-00-6	12/31/20
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10453925	EPA7470A	7439-97-6	01/08/21

Lab #: 458039GW2 Sampled: 12/30/20 08:55 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21



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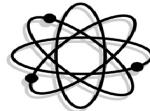
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Lab #: 458039GW2 Sampled: 12/30/20 08:55 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	12.2	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21



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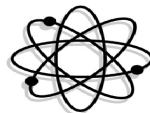
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Lab #: 458039GW2 Sampled: 12/30/20 08:55 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21	
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21	
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21	
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21	
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21	
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21	
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21	
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21	
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21	
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21	
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21	
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21	
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21	
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21	
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21	
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21	
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21	
Surr:1,2-Dichloroethane-d4 (50-150%)	102.27%			1.00	0.0100	0.0100	10453678	EPA8260B	01/05/21	
Surr:Bromofluorobenzene (50-150%)	99.93%			1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	93.37%			1.00	0.0100	0.0100	10453678	EPA8260B	01/05/21	



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Atkins-Tampa
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PO #: Proj. P100073151
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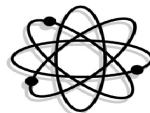
Quality Report

Quality Control Batch: 10453214

		Analyst: PCW						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		0.0200U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		1.04	mg/L	1.00	104.40	90.00-110.00	0.0200U	458024SW1
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		3.35	mg/L	3.60	93.06	90.00-110.00	0.0200U	458024SW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Nitrate(as N)		3.33	mg/L	3.60	92.50	90.00-110.00	0.0200U	0.60
		RPD Lim						
		20.00						

Quality Control Batch: 10453279

		Analyst: CHL						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		0.0100U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		2.04	mg/L	2.00	102.00	90.00-110.00	-0.702	457945WW5
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		0.334	mg/L	1.00	103.60	90.00-110.00	-0.702	457945WW5
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Ammonia (as N)		0.324	mg/L	1.00	102.60	90.00-110.00	-0.702	3.04
		RPD Lim						
		20.00						



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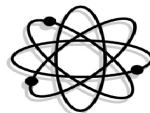
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Quality Control Batch: 10453502

		Analyst: EVB						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron		0.0100U	mg/L					
Sodium		0.500U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron		10.8	mg/L	10.0	108.18	80.00-120.00		
Sodium		10.3	mg/L	10.0	103.18	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron		13.2	mg/L	10.0	105.33	80.00-120.00	2.67	100000GW1
Sodium		10.6	mg/L	10.0	106.20	75.00-125.00	0.500U	100000GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Iron		13.0	mg/L	10.0	103.25	80.00-120.00	2.67	1.59
Sodium		10.7	mg/L	10.0	106.54	75.00-125.00	0.500U	0.32
		RPD Lim						
		20.00						
		20.00						

Quality Control Batch: 10453513

		Analyst: EVB						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Antimony		0.00200U	mg/L					
Arsenic		0.00100U	mg/L					
Barium		0.00200U	mg/L					
Beryllium		0.000500U	mg/L					
Cadmium		0.00100U	mg/L					
Chromium		0.00100U	mg/L					
Cobalt		0.00100U	mg/L					
Copper		0.00100U	mg/L					
Lead		0.00100U	mg/L					
Nickel		0.00100U	mg/L					



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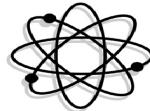
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Quality Control Batch: 10453513		Analyst: EVB						
Blank		Result	Units					
Selenium		0.00200U	mg/L					
Silver		0.000500U	mg/L					
Thallium		0.00100U	mg/L					
Vanadium		0.00100U	mg/L					
Zinc		0.0100U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Antimony		0.101	mg/L	0.100	101.40	80.00-120.00		
Arsenic		0.0983	mg/L	0.100	98.30	80.00-120.00		
Barium		0.102	mg/L	0.100	101.70	80.00-120.00		
Beryllium		0.106	mg/L	0.100	105.50	80.00-120.00		
Cadmium		0.108	mg/L	0.100	107.70	80.00-120.00		
Chromium		0.105	mg/L	0.100	105.30	80.00-120.00		
Cobalt		0.106	mg/L	0.100	105.80	80.00-120.00		
Copper		0.105	mg/L	0.100	104.90	80.00-120.00		
Lead		0.102	mg/L	0.100	102.30	80.00-120.00		
Nickel		0.105	mg/L	0.100	104.80	80.00-120.00		
Selenium		0.0989	mg/L	0.100	98.90	80.00-120.00		
Silver		0.104	mg/L	0.100	104.20	80.00-120.00		
Thallium		0.110	mg/L	0.100	109.50	80.00-120.00		
Vanadium		0.103	mg/L	0.100	102.90	80.00-120.00		
Zinc		0.112	mg/L	0.100	111.60	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Antimony		0.111	mg/L	0.100	110.60	75.00-125.00	0.00200U	458211GW1
Arsenic		0.0926	mg/L	0.100	92.60	75.00-125.00	0.00100U	458211GW1
Barium		0.0827	mg/L	0.100	79.90	75.00-125.00	0.00280	458211GW1
Beryllium		0.114	mg/L	0.100	114.00	75.00-125.00	0.000500U	458211GW1
Cadmium		0.0717	mg/L	0.100	71.70	75.00-125.00	0.00100U	458211GW1



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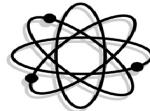
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Quality Control Batch: 10453513		Analyst: EVB						
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Chromium	0.107	mg/L	0.100	107.30	75.00-125.00	0.00100U	458211GW1	
Cobalt	0.109	mg/L	0.100	108.90	75.00-125.00	0.00100U	458211GW1	
Copper	0.100	mg/L	0.100	97.70	75.00-125.00	0.00230	458211GW1	
Lead	0.0981	mg/L	0.100	98.10	75.00-125.00	0.00100U	458211GW1	
Nickel	0.112	mg/L	0.100	111.80	75.00-125.00	0.00100U	458211GW1	
Selenium	0.0877	mg/L	0.100	87.70	75.00-125.00	0.00200U	458211GW1	
Silver	0.0973	mg/L	0.100	97.30	75.00-125.00	0.000500U	458211GW1	
Thallium	0.0954	mg/L	0.100	95.40	75.00-125.00	0.00100U	458211GW1	
Vanadium	0.104	mg/L	0.100	104.40	75.00-125.00	0.00100U	458211GW1	
Zinc	0.128	mg/L	0.100	101.30	75.00-125.00	0.0262	458211GW1	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
							RPD Lim	
Antimony	0.113	mg/L	0.100	113.20	75.00-125.00	0.00200U	2.32	40.00
Arsenic	0.0913	mg/L	0.100	91.30	75.00-125.00	0.00100U	1.41	20.00
Barium	0.0840	mg/L	0.100	81.20	75.00-125.00	0.00280	1.56	20.00
Beryllium	0.125	mg/L	0.100	124.60	75.00-125.00	0.000500U	8.89	40.00
Cadmium	0.0696	mg/L	0.100	69.60	75.00-125.00	0.00100U	2.97	20.00
Chromium	0.107	mg/L	0.100	106.50	75.00-125.00	0.00100U	0.75	20.00
Cobalt	0.107	mg/L	0.100	106.90	75.00-125.00	0.00100U	1.85	40.00
Copper	0.0965	mg/L	0.100	94.20	75.00-125.00	0.00230	3.56	20.00
Lead	0.0990	mg/L	0.100	99.00	75.00-125.00	0.00100U	0.91	20.00
Nickel	0.106	mg/L	0.100	106.40	75.00-125.00	0.00100U	4.95	20.00
Selenium	0.0869	mg/L	0.100	86.90	75.00-125.00	0.00200U	0.92	20.00
Silver	0.0996	mg/L	0.100	99.60	75.00-125.00	0.000500U	2.34	20.00
Thallium	0.0976	mg/L	0.100	97.60	75.00-125.00	0.00100U	2.28	40.00
Vanadium	0.103	mg/L	0.100	102.60	75.00-125.00	0.00100U	1.74	20.00
Zinc	0.123	mg/L	0.100	97.00	75.00-125.00	0.0262	3.43	20.00



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Quality Control Batch: 10453630

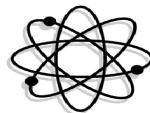
Blank	Analyst:	DLJ					
	Result	Units					
1,2,3-Trichloropropane	0.0200U	ug/L					
1,2-Dibromoethane (EDB)	0.0100U	ug/L					
1,2-dibromo-3-chloropropane	0.0200U	ug/L					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
1,2,3-Trichloropropane	0.268	ug/L	0.251	106.64	50.00-170.00		
1,2-Dibromoethane (EDB)	0.274	ug/L	0.251	109.15	50.00-170.00		
1,2-dibromo-3-chloropropane	0.258	ug/L	0.251	102.63	50.00-170.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,2,3-Trichloropropane	0.278	ug/L	0.251	110.54	50.00-170.00	3.59	30.00
1,2-Dibromoethane (EDB)	0.298	ug/L	0.251	118.46	50.00-170.00	8.18	30.00
1,2-dibromo-3-chloropropane	0.253	ug/L	0.251	100.80	50.00-170.00	1.80	30.00

Quality Control Batch: 10453669

Blank	Analyst:	PLB					
	Result	Units					
TDS	2.50U	mg/L					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
TDS	1450	mg/L	1500	96.67	80.00-120.00		
Duplicate	Result	Units	Sample	RPD	RPD Lim	Lab Number	
TDS	46.0	mg/L	48.0	4.26	20.00	458211GW1	

Quality Control Batch: 10453678

Blank	Analyst:	BNP					
	Result	Units					
1,1,1,2-Tetrachloroethane	0.500U	ug/L					



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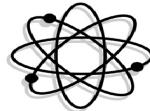
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Atkins-Tampa
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PO #: Proj. P100073151
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Jan 8, 2021; Invoice: 458039

Quality Control Batch: 10453678

Blank	Analyst: BNP	
	Result	Units
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2,2-Tetrachloroethane	0.500U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
1,1-Dichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	1.00U	ug/L
2-Hexanone	0.500U	ug/L
2-chloroethylvinylether	1.00U	ug/L
Acetone	5.00U	ug/L
Acrylonitrile	0.300U	ug/L
Benzene	0.500U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Dichlorodifluoromethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L



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Quality Control Batch: 10453678

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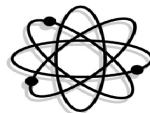
Methylene chloride
Para-dichlorobenzene
Styrene
Tetrachloroethene
Toluene
Trichloroethene
Trichlorofluoromethane
Vinyl Acetate
Vinyl chloride
Xylenes
cis-1,2-dichloroethene
cis-1,3-Dichloropropene
m-dichlorobenzene
o-dichlorobenzene
trans-1,2-dichloroethene
trans-1,3,-Dichloropropene
trans-1,4-dichloro-2-butene
Surr:1,2-Dichloroethane-d4
Surr:Bromofluorobenzene
Surr:Toluene-d8

Analyst: BNP

Result	Units
1.00U	ug/L
0.500U	ug/L
10.0U	ug/L
0.500U	ug/L
0.500U	ug/L
0.200U	ug/L
0.500U	ug/L
1.00U	ug/L
30.6	ug/L
30.2	ug/L
28.3	ug/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
39.3	ug/L	40.0	98.30	50.00-150.00
36.4	ug/L	40.0	90.97	50.00-150.00
42.0	ug/L	40.0	104.93	50.00-150.00
38.2	ug/L	40.0	95.38	50.00-150.00
35.3	ug/L	40.0	88.33	50.00-150.00
37.0	ug/L	40.0	92.60	50.00-150.00
36.1	ug/L	40.0	90.15	50.00-150.00



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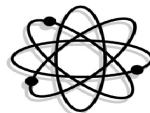
Atkins-Tampa
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
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Jan 8, 2021; Invoice: 458039

Quality Control Batch: 10453678

Laboratory Control Sample

	Analyst: BNP				
	Result	Units	Spike	%REC	%REC Lim
1,2-dichloropropane	36.7	ug/L	40.0	91.63	50.00-150.00
2-Butanone (MEK)	39.1	ug/L	40.0	97.85	50.00-150.00
2-Hexanone	35.2	ug/L	40.0	87.90	50.00-150.00
Acetone	32.2	ug/L	40.0	80.38	50.00-150.00
Acrylonitrile	34.4	ug/L	40.0	85.90	50.00-150.00
Benzene	37.1	ug/L	40.0	92.80	50.00-150.00
Bromochloromethane	36.9	ug/L	40.0	92.25	50.00-150.00
Bromodichloromethane	36.4	ug/L	40.0	91.08	70.00-130.00
Bromoform	40.4	ug/L	40.0	100.88	50.00-130.00
Bromomethane	40.1	ug/L	40.0	100.28	50.00-150.00
Carbon Disulfide	37.1	ug/L	40.0	92.62	50.00-150.00
Carbon Tetrachloride	36.5	ug/L	40.0	91.20	50.00-150.00
Chlorobenzene	39.3	ug/L	40.0	98.25	50.00-150.00
Chloroethane	38.2	ug/L	40.0	95.57	50.00-150.00
Chloroform	35.8	ug/L	40.0	89.60	50.00-150.00
Chloromethane	37.0	ug/L	40.0	92.48	50.00-150.00
Dibromochloromethane	39.8	ug/L	40.0	99.60	50.00-150.00
Dibromomethane	35.9	ug/L	40.0	89.67	50.00-150.00
Dichlorodifluoromethane	39.7	ug/L	40.0	99.22	35.00-155.00
Ethylbenzene	40.7	ug/L	40.0	101.65	50.00-150.00
Methyl Iodide	34.5	ug/L	40.0	86.25	50.00-150.00
Methyl isobutyl ketone	33.6	ug/L	40.0	84.03	50.00-150.00
Methylene chloride	27.0	ug/L	40.0	67.43	50.00-150.00
Para-dichlorobenzene	39.6	ug/L	40.0	99.10	50.00-150.00
Styrene	41.5	ug/L	40.0	103.82	50.00-150.00
Tetrachloroethene	37.1	ug/L	40.0	92.68	50.00-150.00
Toluene	39.6	ug/L	40.0	99.05	50.00-150.00
Trichloroethene	35.7	ug/L	40.0	89.35	50.00-150.00
Trichlorofluoromethane	31.9	ug/L	40.0	79.68	50.00-150.00



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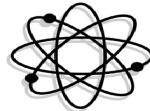
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Date Sampled: Dec 30, 2020
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Quality Control Batch: 10453678		Analyst: BNP					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Vinyl chloride	38.1	ug/L	40.0	95.35	50.00-150.00		
Xylenes	122	ug/L	120	101.56	50.00-150.00		
cis-1,2-dichloroethene	36.5	ug/L	40.0	91.32	50.00-150.00		
cis-1,3-Dichloropropene	35.6	ug/L	40.0	88.97	50.00-150.00		
m-dichlorobenzene	40.0	ug/L	40.0	100.03	50.00-150.00		
o-dichlorobenzene	39.5	ug/L	40.0	98.80	50.00-150.00		
trans-1,2-dichloroethene	36.6	ug/L	40.0	91.38	50.00-150.00		
trans-1,3,-Dichloropropene	38.0	ug/L	40.0	94.95	50.00-150.00		
Surr:1,2-Dichloroethane-d4	29.8	ug/L	30.0	99.43	50.00-150.00		
Surr:Bromofluorobenzene	28.7	ug/L	30.0	95.50	50.00-150.00		
Surr:Toluene-d8	30.0	ug/L	30.0	99.87	50.00-150.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	39.7	ug/L	40.0	99.20	50.00-150.00	0.91	20.00
1,1,1-Trichloroethane	36.8	ug/L	40.0	92.03	50.00-150.00	1.15	20.00
1,1,2,2-Tetrachloroethane	41.3	ug/L	40.0	103.28	50.00-150.00	1.59	20.00
1,1,2-Trichloroethane	37.8	ug/L	40.0	94.40	50.00-150.00	1.03	20.00
1,1-Dichloroethane	35.7	ug/L	40.0	89.32	50.00-150.00	1.13	20.00
1,1-Dichloroethene	38.2	ug/L	40.0	95.40	50.00-150.00	2.98	20.00
1,2-dichloroethane	35.7	ug/L	40.0	89.17	50.00-150.00	1.09	20.00
1,2-dichloropropane	36.2	ug/L	40.0	90.52	50.00-150.00	1.21	20.00
2-Butanone (MEK)	37.3	ug/L	40.0	93.25	50.00-150.00	4.81	20.00
2-Hexanone	35.4	ug/L	40.0	88.40	50.00-150.00	0.57	20.00
Acetone	28.6	ug/L	40.0	71.47	50.00-150.00	11.72	20.00
Acrylonitrile	32.0	ug/L	40.0	80.10	50.00-150.00	6.99	30.00
Benzene	37.4	ug/L	40.0	93.47	50.00-150.00	0.72	20.00
Bromochloromethane	35.8	ug/L	40.0	89.38	50.00-150.00	3.17	20.00
Bromodichloromethane	36.2	ug/L	40.0	90.47	70.00-130.00	0.66	20.00
Bromoform	40.0	ug/L	40.0	99.97	50.00-130.00	0.90	20.00



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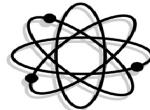
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Laboratory Control Sample Duplicate	Analyst:	BNP	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Bromomethane			40.0	ug/L	40.0	100.03	50.00-150.00	0.25	20.00
Carbon Disulfide			38.4	ug/L	40.0	96.10	50.00-150.00	3.68	20.00
Carbon Tetrachloride			36.6	ug/L	40.0	91.55	50.00-150.00	0.38	20.00
Chlorobenzene			39.5	ug/L	40.0	98.77	50.00-150.00	0.53	20.00
Chloroethane			39.4	ug/L	40.0	98.58	50.00-150.00	3.09	20.00
Chloroform			36.0	ug/L	40.0	89.88	50.00-150.00	0.31	20.00
Chloromethane			38.3	ug/L	40.0	95.65	50.00-150.00	3.38	20.00
Dibromochloromethane			39.9	ug/L	40.0	99.78	50.00-150.00	0.18	20.00
Dibromomethane			35.1	ug/L	40.0	87.62	50.00-150.00	2.31	20.00
Dichlorodifluoromethane			40.6	ug/L	40.0	101.60	35.00-155.00	2.37	20.00
Ethylbenzene			41.1	ug/L	40.0	102.85	50.00-150.00	1.17	20.00
Methyl Iodide			35.3	ug/L	40.0	88.28	50.00-150.00	2.32	20.00
Methyl isobutyl ketone			33.8	ug/L	40.0	84.48	50.00-150.00	0.53	20.00
Methylene chloride			27.0	ug/L	40.0	67.47	50.00-150.00	0.07	20.00
Para-dichlorobenzene			39.6	ug/L	40.0	99.08	50.00-150.00	0.03	20.00
Styrene			41.6	ug/L	40.0	103.93	50.00-150.00	0.10	20.00
Tetrachloroethene			37.7	ug/L	40.0	94.22	50.00-150.00	1.66	20.00
Toluene			40.3	ug/L	40.0	100.78	50.00-150.00	1.73	20.00
Trichloroethene			36.6	ug/L	40.0	91.38	50.00-150.00	2.24	20.00
Trichlorofluoromethane			33.4	ug/L	40.0	83.40	50.00-150.00	4.57	20.00
Vinyl chloride			39.6	ug/L	40.0	98.88	50.00-150.00	3.63	20.00
Xylenes			122	ug/L	120	101.81	50.00-150.00	0.25	20.00
cis-1,2-dichloroethene			36.8	ug/L	40.0	91.93	50.00-150.00	0.65	20.00
cis-1,3-Dichloropropene			35.3	ug/L	40.0	88.25	50.00-150.00	0.82	20.00
m-dichlorobenzene			40.1	ug/L	40.0	100.22	50.00-150.00	0.20	20.00
o-dichlorobenzene			40.0	ug/L	40.0	99.95	50.00-150.00	1.16	20.00
trans-1,2-dichloroethene			36.7	ug/L	40.0	91.82	50.00-150.00	0.49	20.00
trans-1,3,-Dichloropropene			37.5	ug/L	40.0	93.65	50.00-150.00	1.38	20.00
Surr:1,2-Dichloroethane-d4			29.8	ug/L	30.0	99.30	50.00-150.00	0.13	20.00



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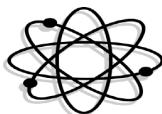
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Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Quality Control Batch: 10453678		Analyst: BNP						
Laboratory Control Sample Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Surr:Bromofluorobenzene		28.7	ug/L	30.0	95.50	50.00-150.00	0.00	20.00
Surr:Toluene-d8		29.9	ug/L	30.0	99.60	50.00-150.00	0.27	20.00

Quality Control Batch: 10453862		Analyst: CHL						
Blank		Result	Units	Spike	%REC	%REC Lim		
Chloride		4.00U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Chloride		162	mg/L	150	108.00	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Chloride		140	mg/L	100	109.70	80.00-120.00	30.3	457552GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Chloride		140	mg/L	100	109.70	80.00-120.00	30.3	0.00
								RPD Lim
								20.00

Quality Control Batch: 10453925		Analyst: PCW						
Blank		Result	Units	Spike	%REC	%REC Lim		
Mercury		0.0000200U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Mercury		0.000965	mg/L	0.00100	96.50	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Mercury		0.00306	mg/L	0.00300	103.58	80.00-120.00	-0.0000464	458036GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Mercury		0.00299	mg/L	0.00300	101.25	80.00-120.00	-0.0000464	2.31
								RPD Lim
								20.00



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Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

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Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 8, 2021; Invoice: 458039

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Check Box That Applies To Your Location

Flowers Chemical Laboratories, Inc.

481 Newburyport Ave.
Altamonte Springs, FL 32701
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Fax: 407-260-6110

Flowers Chemical Labs-South

West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

Flowers Chemical Labs-North

812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

Flowers Chemical Labs-Keys

3980 Overseas Highway, Ste. 103
Marathon, FL 33050
Bus: 305-743-8598
Fax: 305-743-8598



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Client

Atkins North America
4030 W. Boy Scout Boulevard
Suite 700, Tampa, FL 33607
813-281-8377

Sampled By (PRINT):

Bradley J. Bayne

Sampler Signature

Bruce A. Bayne 12/30/20

GW - ground water DW - drinking water WW - wastewater
SW - surface water SO - soil/solid SL - sludge HW - waste

Project Name

Hardee Co. Landfill
Brad Bayne

FCL Project Manager

June Flowers

Requested Due Date
(10 Day Standard)

OR

MM

DD

YY

P.O. #

Proj. P100073151

FAX

E-MAIL

bradley.bayne@
atkinsglobal.com

Rush Charges May Apply

Pick-Up Fee \$ 35.00

Vehicle Surcharge \$

Sampling Fee \$

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	PRESERVATIVES					ANALYSES REQUEST					COMMENTS	Total # Containers
						NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃	Metals	0260	8011	NH ₃	C ₁ NO ₃	TDS	
1	MW-2	12/29/20	9:10	GW	458036GW1	3	1	1	2		V	V	V	V	V	V	Run
2	MW-4	12/29	10:50	GW		2	3	1	1	2	V	V	V	V	V	V	Hardee
3	MW-1	12/29	11:45	GW		3	3	1	1	2	V	V	V	V	V	V	Co. LF
4	MW-14	12/29	12:50	GW		4	4	1	1	3	V	V	V	V	V	V	List
5	MW-13	12/29	14:00	GW		5	3	1	1	2	V	V	V	V	V	V	
6	MW-12R	12/29	14:55	GW		6	3	1	1	2	V	V	V	V	V	V	
7	MW-11	12/29	15:35	GW		7	3	1	1	2	V	V	V	V	V	V	
8	MW-10R	12/30/20	8:55	GW	458039GW1	3	1	1	2		V	V	V	V	V	V	
9	TRIP BLANK	12/30/20	08:55	GW		↓	↓	2								✓	
10																	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Bruce A. Bayne	12/30/20	11:47	HM	12/30	11:47	HM	12/30	3:30	Chris	12/30/20	1540

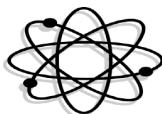
FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned

• YELLOW - Client Copy

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Rev 04-08



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Report Summary

Date Received: Dec 30, 2020

FCL Project Manager: June S. Flowers

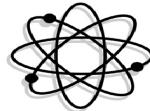
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
458024SW1	SW-2/21062	COLILERT-18	DBL	Main Lab	Surface Water
		EPA245.1	PCW	Main Lab	
		EPA350.1	CHL	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA410.4	IAD	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	BNP	Main Lab	
		FDEP DEP-SOP	CHL	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM10200 H	IAD	Main Lab	
		SM2340 B	EVB	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM2540 D	PLB	Main Lab	
		SM5210 B	KLT	Main Lab	
		SM5310 C	PCW	Main Lab	
		TotNit			

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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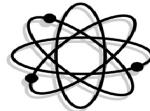
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Analysis Report

Lab #: 458024SW1 Sampled: 12/30/20 10:00 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Nitrogen(as N)	10.2			0			TotNit	17778-88-0	
Nitrate(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10453214	EPA353.2	14797-55-8	12/30/20 06:14 PM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10453214	EPA353.2	14797-65-0	12/30/20 06:14 PM
Fecal Coliform	313	mpn/100mL	10.0	10.0	10.0	10453268	COLILERT-18	E761792	12/30/20 04:17 PM
Ammonia (as N)	7.56	mg/L	1.00	0.0100	0.0200	10453279	EPA350.1	7664-41-7	12/31/20
TSS	1.00 U	mg/L	1.00	1.00	2.00	10453329	SM2540 D	E1642818	12/30/20
Field pH (units)	6.29	pH	1.00	0.0100	0.0200	10453353	FT1100	C006	12/30/20
Field Conductivity	445	umhos/cm	1.00	0.0100	0.0100	10453354	FT1200		12/30/20
Field Temp. (C)	16.3	oC	1.00	0.0100	0.0100	10453355	FT1400		12/30/20
Field DO	5.32	mg/L	1.00	0.0100	0.0100	10453356	FT1500		12/30/20
Field Turbidity	3.17	NTU	1.00	0.0100	0.0100	10453357	FT1600		12/30/20
Chemical Oxygen Demand	85.7	mg/L	1.00	10.0	20.0	10453483	EPA410.4	C-004	01/04/21
TOC	34.1	mg/L	1.00	1.00	2.00	10453492	SM5310 C	E701250	01/04/21
Iron	0.428	mg/L	1.00	0.0100	0.0200	10453502	EPA6010D	7439-89-6	01/04/21
Aluminum	0.0159 I	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7429-90-5	01/04/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10453513	EPA6020B	7440-36-0	01/04/21
Arsenic	0.00190 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-38-2	01/04/21
Barium	0.00580	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7440-39-3	01/04/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-41-7	01/04/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-43-9	01/04/21
Chromium	0.00130 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-47-3	01/04/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-48-4	01/04/21
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-50-8	01/04/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7439-92-1	01/04/21
Nickel	0.00200	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-02-0	01/04/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10453513	EPA6020B	7782-49-2	01/04/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10453513	EPA6020B	7440-22-4	01/04/21



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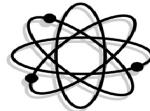
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Lab #: 458024SW1 Sampled: 12/30/20 10:00 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-28-0	01/04/21
Vanadium	0.00140 I	mg/L	1.00	0.00100	0.00200	10453513	EPA6020B	7440-62-2	01/04/21
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10453513	EPA6020B	7440-66-6	01/04/21
Total Hardness (as CaCO ₃)	132	mg/L	1.00	0.100	0.200	10453516	SM2340 B	40-11-9	01/04/21
Unionized NH ₃ (as N)	0.0431	mg/L	1.00	0.000100	0.000200	10453526	FDEP DEP-SOF		01/05/21
Total Phosphorus(as P)	0.821	mg/L	1.00	0.0400	0.100	10453570	EPA365.4	7723-14-0	01/05/21
TKN(as N)	10.2	mg/L	1.00	0.200	0.400	10453572	EPA351.2	7727-37-9	01/05/21
BOD ₅ day	2.00 U	mg/L	1.00	2.00	2.00	10453615	SM5210 B	E1640606	12/31/20 10:45 AM
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	096-18-4	01/05/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10453630	EPA8011	106-93-4	01/05/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10453630	EPA8011	96-12-8	01/05/21
TDS	284	mg/L	1.00	2.50	5.00	10453636	SM2540 C	10-33-3	12/31/20
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	630-20-6	01/05/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-55-6	01/05/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	79-34-5	01/05/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-00-5	01/05/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-34-3	01/05/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-35-4	01/05/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10453678	EPA8260B	107-06-2	01/05/21
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	78-87-5	01/05/21
2-Butanone (MEK)	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	78-93-3	01/05/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	591-78-6	01/05/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-75-8	01/05/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10453678	EPA8260B	67-64-1	01/05/21
Acrylonitrile	0.300 U	ug/L	1.00	0.300	1.00	10453678	EPA8260B	107-13-1	01/05/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	71-43-2	01/05/21
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	074-97-5	01/05/21
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.500	10453678	EPA8260B	75-27-4	01/05/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-25-2	01/05/21



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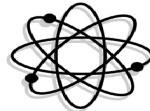
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Jan 12, 2021; Invoice: 458024

Lab #: 458024SW1 Sampled: 12/30/20 10:00 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-83-9	01/05/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-15-0	01/05/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	56-23-5	01/05/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-90-7	01/05/21
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-00-3	01/05/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	67-66-3	01/05/21
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	74-87-3	01/05/21
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10453678	EPA8260B	124-48-1	01/05/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	074-95-3	01/05/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-71-8	01/05/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-41-4	01/05/21
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	074-88-4	01/05/21
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	108-10-1	01/05/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	75-09-2	01/05/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	106-46-7	01/05/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	100-42-5	01/05/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	127-18-4	01/05/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	108-88-3	01/05/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	79-01-6	01/05/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-69-4	01/05/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10453678	EPA8260B	108-05-4	01/05/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	75-01-4	01/05/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	1330-20-7	01/05/21
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.500	10453678	EPA8260B	156-59-2	01/05/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-01-5	01/05/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	541-73-1	01/05/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	95-50-1	01/05/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	156-60-5	01/05/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10453678	EPA8260B	10061-02-6	01/05/21



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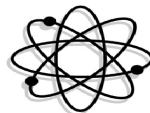
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Atkins-Tampa
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Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Lab #: 458024SW1 Sampled: 12/30/20 10:00 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10453678	EPA8260B	110-57-6	01/05/21
Surr:1,2-Dichloroethane-d4 (50-150%)	103.33%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Surr:Bromofluorobenzene (50-150%)	100.93%		1.00	1.00	1.00	10453678	EPA8260B	460-00-4	01/05/21
Surr:Toluene-d8 (50-150%)	95.27%		1.00	0.0100	0.0100	10453678	EPA8260B		01/05/21
Chlorophyll a	1.06	ug/L	1.00	0.0200	0.0800	10453861	SM10200 H	479-61-8	01/05/21
Mercury	0.00000500 U	mg/L	1.00	0.00000500	0.0000100	10454160	EPA245.1	7439-97-6	01/11/21



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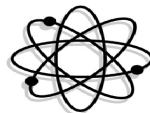
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Quality Report

Quality Control Batch: 10453214		Analyst: PCW						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		0.0200U	mg/L					
Nitrite(as N)		0.0200U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		1.04	mg/L	1.00	104.40	90.00-110.00		
Nitrite(as N)		0.966	mg/L	1.00	96.60	90.00-110.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Nitrate(as N)		3.35	mg/L	3.60	93.06	90.00-110.00	0.0200U	458024SW1
Nitrite(as N)		3.34	mg/L	3.60	92.78	90.00-110.00	0.0200U	458024SW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Nitrate(as N)		3.33	mg/L	3.60	92.50	90.00-110.00	0.0200U	0.60
Nitrite(as N)		3.33	mg/L	3.60	92.50	90.00-110.00	0.0200U	0.30
Quality Control Batch: 10453279		Analyst: CHL						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		0.0100U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		2.04	mg/L	2.00	102.00	90.00-110.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Ammonia (as N)		0.334	mg/L	1.00	103.60	90.00-110.00	-0.702	457945WW5
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
								RPD Lim



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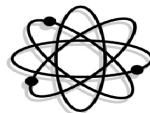
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Quality Control Batch: 10453279		Analyst: CHL							
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim	
Ammonia (as N)		0.324	mg/L	1.00	102.60	90.00-110.00	-0.702	3.04	20.00
Quality Control Batch: 10453329		Analyst: PLB							
Blank	Result	Units							
TSS		1.00U	mg/L						
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim			
TSS		102	mg/L	100	102.00	80.00-120.00			
Duplicate		Result	Units	Sample	RPD	RPD Lim	Lab Number		
TSS		2.75	mg/L	2.75	0.00	20.00	458025WW2		

Quality Control Batch: 10453483		Analyst: IAD							
Blank	Result	Units							
Chemical Oxygen Demand		10.0U	mg/L						
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim			
Chemical Oxygen Demand		497	mg/L	500	99.32	80.00-120.00			
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Chemical Oxygen Demand		206	mg/L	200	99.10	80.00-120.00	8.00	457074SW1	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim



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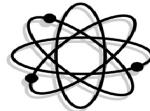
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Quality Control Batch: 10453483		Analyst: IAD							
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim	
Chemical Oxygen Demand	204	mg/L	200	98.03	80.00-120.00	8.00	1.05	20.00	
Quality Control Batch: 10453492		Analyst: PCW							
Blank	Result	Units							
TOC	1.00U	mg/L							
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim				
TOC	11.0	mg/L	10.0	110.17	80.00-120.00				
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number		
TOC	15.4	mg/L	10.0	109.90	80.00-120.00	4.43	457424GW1		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim	
TOC	15.2	mg/L	10.0	107.83	80.00-120.00	4.43	1.35	20.00	
Quality Control Batch: 10453502		Analyst: EVB							
Blank	Result	Units							
Iron	0.0100U	mg/L							
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim				
Iron	10.8	mg/L	10.0	108.18	80.00-120.00				
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number		
Iron	13.2	mg/L	10.0	105.33	80.00-120.00	2.67	100000GW1		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim	
Iron	13.0	mg/L	10.0	103.25	80.00-120.00	2.67	1.59	20.00	



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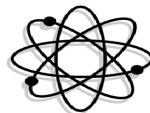
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Quality Control Batch: 10453513

Blank	Analyst: EVB	Result	Units
Aluminum		0.0100U	mg/L
Antimony		0.00200U	mg/L
Arsenic		0.00100U	mg/L
Barium		0.00200U	mg/L
Beryllium		0.000500U	mg/L
Cadmium		0.00100U	mg/L
Chromium		0.00100U	mg/L
Cobalt		0.00100U	mg/L
Copper		0.00100U	mg/L
Lead		0.00100U	mg/L
Nickel		0.00100U	mg/L
Selenium		0.00200U	mg/L
Silver		0.000500U	mg/L
Thallium		0.00100U	mg/L
Vanadium		0.00100U	mg/L
Zinc		0.0100U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Aluminum	0.100	mg/L	0.100	100.30	80.00-120.00
Antimony	0.101	mg/L	0.100	101.40	80.00-120.00
Arsenic	0.0983	mg/L	0.100	98.30	80.00-120.00
Barium	0.102	mg/L	0.100	101.70	80.00-120.00
Beryllium	0.106	mg/L	0.100	105.50	80.00-120.00
Cadmium	0.108	mg/L	0.100	107.70	80.00-120.00
Chromium	0.105	mg/L	0.100	105.30	80.00-120.00
Cobalt	0.106	mg/L	0.100	105.80	80.00-120.00
Copper	0.105	mg/L	0.100	104.90	80.00-120.00
Lead	0.102	mg/L	0.100	102.30	80.00-120.00
Nickel	0.105	mg/L	0.100	104.80	80.00-120.00



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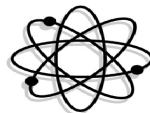
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Quality Control Batch: 10453513		Analyst: EVB						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Selenium	0.0989	mg/L	0.100	98.90	80.00-120.00			
Silver	0.104	mg/L	0.100	104.20	80.00-120.00			
Thallium	0.110	mg/L	0.100	109.50	80.00-120.00			
Vanadium	0.103	mg/L	0.100	102.90	80.00-120.00			
Zinc	0.112	mg/L	0.100	111.60	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Aluminum	0.190	mg/L	0.100	79.20	75.00-125.00	0.111	458211GW1	
Antimony	0.111	mg/L	0.100	110.60	75.00-125.00	0.00200U	458211GW1	
Arsenic	0.0926	mg/L	0.100	92.60	75.00-125.00	0.00100U	458211GW1	
Barium	0.0827	mg/L	0.100	79.90	75.00-125.00	0.00280	458211GW1	
Beryllium	0.114	mg/L	0.100	114.00	75.00-125.00	0.000500U	458211GW1	
Cadmium	0.0717	mg/L	0.100	71.70	75.00-125.00	0.00100U	458211GW1	
Chromium	0.107	mg/L	0.100	107.30	75.00-125.00	0.00100U	458211GW1	
Cobalt	0.109	mg/L	0.100	108.90	75.00-125.00	0.00100U	458211GW1	
Copper	0.100	mg/L	0.100	97.70	75.00-125.00	0.00230	458211GW1	
Lead	0.0981	mg/L	0.100	98.10	75.00-125.00	0.00100U	458211GW1	
Nickel	0.112	mg/L	0.100	111.80	75.00-125.00	0.00100U	458211GW1	
Selenium	0.0877	mg/L	0.100	87.70	75.00-125.00	0.00200U	458211GW1	
Silver	0.0973	mg/L	0.100	97.30	75.00-125.00	0.000500U	458211GW1	
Thallium	0.0954	mg/L	0.100	95.40	75.00-125.00	0.00100U	458211GW1	
Vanadium	0.104	mg/L	0.100	104.40	75.00-125.00	0.00100U	458211GW1	
Zinc	0.128	mg/L	0.100	101.30	75.00-125.00	0.0262	458211GW1	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Aluminum	0.187	mg/L	0.100	76.00	75.00-125.00	0.111	1.70	20.00
Antimony	0.113	mg/L	0.100	113.20	75.00-125.00	0.00200U	2.32	40.00
Arsenic	0.0913	mg/L	0.100	91.30	75.00-125.00	0.00100U	1.41	20.00
Barium	0.0840	mg/L	0.100	81.20	75.00-125.00	0.00280	1.56	20.00



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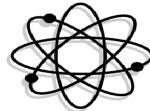
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Quality Control Batch: 10453513		Analyst: EVB							
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Beryllium	0.125	mg/L	0.100	124.60	75.00-125.00	0.000500U	8.89	40.00	
Cadmium	0.0696	mg/L	0.100	69.60	75.00-125.00	0.00100U	2.97	20.00	
Chromium	0.107	mg/L	0.100	106.50	75.00-125.00	0.00100U	0.75	20.00	
Cobalt	0.107	mg/L	0.100	106.90	75.00-125.00	0.00100U	1.85	40.00	
Copper	0.0965	mg/L	0.100	94.20	75.00-125.00	0.00230	3.56	20.00	
Lead	0.0990	mg/L	0.100	99.00	75.00-125.00	0.00100U	0.91	20.00	
Nickel	0.106	mg/L	0.100	106.40	75.00-125.00	0.00100U	4.95	20.00	
Selenium	0.0869	mg/L	0.100	86.90	75.00-125.00	0.00200U	0.92	20.00	
Silver	0.0996	mg/L	0.100	99.60	75.00-125.00	0.000500U	2.34	20.00	
Thallium	0.0976	mg/L	0.100	97.60	75.00-125.00	0.00100U	2.28	40.00	
Vanadium	0.103	mg/L	0.100	102.60	75.00-125.00	0.00100U	1.74	20.00	
Zinc	0.123	mg/L	0.100	97.00	75.00-125.00	0.0262	3.43	20.00	
Quality Control Batch: 10453516		Analyst: EVB							
Blank	Result	Units							
Total Hardness (as CaCO3)	0.100U	mg/L							
Quality Control Batch: 10453526		Analyst: CHL							
Blank	Result	Units							
Unionized NH3(as N)	0.000100U	mg/L							
Quality Control Batch: 10453570		Analyst: VLB							
Blank	Result	Units							
Total Phosphorus(as P)	0.0400U	mg/L							
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim			
Total Phosphorus(as P)	1.41	mg/L	1.50	94.08	90.00-110.00				



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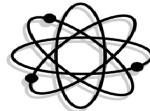
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Quality Control Batch: 10453570		Analyst: VLB						
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Total Phosphorus(as P)	1.47	mg/L	1.50	96.55	90.00-110.00	0.0201	458194WW5	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Total Phosphorus(as P)	1.48	mg/L	1.50	97.27	90.00-110.00	0.0201	0.73	20.00
Quality Control Batch: 10453572		Analyst: VLB						
Blank	Result	Units						
TKN(as N)	0.200U	mg/L						
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
TKN(as N)	3.12	mg/L	3.00	103.94	90.00-110.00			
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Lab Number	
TKN(as N)	3.69	mg/L	3.00	102.91	90.00-110.00	0.600	458194WW5	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD	
TKN(as N)	3.68	mg/L	3.00	102.60	90.00-110.00	0.600	0.25	20.00
Quality Control Batch: 10453615		Analyst: KLT						
Blank	Result	Units						
BOD5day	2.00U	mg/L						
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
BOD5day	169	mg/L	198	85.35	84.50-115.00			
Duplicate		Result	Units	Sample	RPD	RPD Lim	Lab Number	
BOD5day	109	mg/L	105	3.80	25.00		458032WW1	



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Quality Control Batch: 10453630

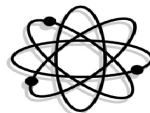
Blank	Analyst:	DLJ					
	Result	Units					
1,2,3-Trichloropropane	0.0200U	ug/L					
1,2-Dibromoethane (EDB)	0.0100U	ug/L					
1,2-dibromo-3-chloropropane	0.0200U	ug/L					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
1,2,3-Trichloropropane	0.268	ug/L	0.251	106.64	50.00-170.00		
1,2-Dibromoethane (EDB)	0.274	ug/L	0.251	109.15	50.00-170.00		
1,2-dibromo-3-chloropropane	0.258	ug/L	0.251	102.63	50.00-170.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,2,3-Trichloropropane	0.278	ug/L	0.251	110.54	50.00-170.00	3.59	30.00
1,2-Dibromoethane (EDB)	0.298	ug/L	0.251	118.46	50.00-170.00	8.18	30.00
1,2-dibromo-3-chloropropane	0.253	ug/L	0.251	100.80	50.00-170.00	1.80	30.00

Quality Control Batch: 10453636

Blank	Analyst:	PLB					
TDS	Result	Units					
	2.50U	mg/L					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
TDS	1470	mg/L	1500	98.13	80.00-120.00		
Duplicate	Result	Units	Sample	RPD	RPD Lim	Lab Number	
TDS	486	mg/L	492	1.23	20.00	458036GW1	

Quality Control Batch: 10453678

Blank	Analyst:	BNP					
1,1,1,2-Tetrachloroethane	Result	Units					
	0.500U	ug/L					



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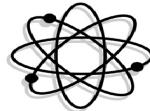
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Atkins-Tampa
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PO #: Proj. P100073151
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Jan 12, 2021; Invoice: 458024

Quality Control Batch: 10453678

Blank	Analyst: BNP	
	Result	Units
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2,2-Tetrachloroethane	0.500U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
1,1-Dichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	1.00U	ug/L
2-Hexanone	0.500U	ug/L
2-chloroethylvinylether	1.00U	ug/L
Acetone	5.00U	ug/L
Acrylonitrile	0.300U	ug/L
Benzene	0.500U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Dichlorodifluoromethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L



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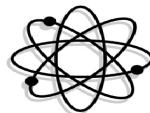
Quality Control Batch: 10453678

Blank

Methylene chloride 1.00U ug/L
Para-dichlorobenzene 0.500U ug/L
Styrene 0.500U ug/L
Tetrachloroethene 0.500U ug/L
Toluene 0.500U ug/L
Trichloroethene 0.500U ug/L
Trichlorofluoromethane 0.500U ug/L
Vinyl Acetate 10.0U ug/L
Vinyl chloride 0.500U ug/L
Xylenes 0.500U ug/L
cis-1,2-dichloroethene 0.200U ug/L
cis-1,3-Dichloropropene 0.500U ug/L
m-dichlorobenzene 0.500U ug/L
o-dichlorobenzene 0.500U ug/L
trans-1,2-dichloroethene 0.500U ug/L
trans-1,3,-Dichloropropene 0.500U ug/L
trans-1,4-dichloro-2-butene 1.00U ug/L
Surr:1,2-Dichloroethane-d4 30.6 ug/L
Surr:Bromofluorobenzene 30.2 ug/L
Surr:Toluene-d8 28.3 ug/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
1,1,1,2-Tetrachloroethane	39.3	ug/L	40.0	98.30	50.00-150.00
1,1,1-Trichloroethane	36.4	ug/L	40.0	90.97	50.00-150.00
1,1,2,2-Tetrachloroethane	42.0	ug/L	40.0	104.93	50.00-150.00
1,1,2-Trichloroethane	38.2	ug/L	40.0	95.38	50.00-150.00
1,1-Dichloroethane	35.3	ug/L	40.0	88.33	50.00-150.00
1,1-Dichloroethene	37.0	ug/L	40.0	92.60	50.00-150.00
1,2-dichloroethane	36.1	ug/L	40.0	90.15	50.00-150.00



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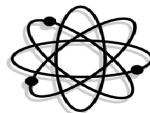
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Quality Control Batch: 10453678

Laboratory Control Sample

	Analyst: BNP				
	Result	Units	Spike	%REC	%REC Lim
1,2-dichloropropane	36.7	ug/L	40.0	91.63	50.00-150.00
2-Butanone (MEK)	39.1	ug/L	40.0	97.85	50.00-150.00
2-Hexanone	35.2	ug/L	40.0	87.90	50.00-150.00
Acetone	32.2	ug/L	40.0	80.38	50.00-150.00
Acrylonitrile	34.4	ug/L	40.0	85.90	50.00-150.00
Benzene	37.1	ug/L	40.0	92.80	50.00-150.00
Bromochloromethane	36.9	ug/L	40.0	92.25	50.00-150.00
Bromodichloromethane	36.4	ug/L	40.0	91.08	70.00-130.00
Bromoform	40.4	ug/L	40.0	100.88	50.00-130.00
Bromomethane	40.1	ug/L	40.0	100.28	50.00-150.00
Carbon Disulfide	37.1	ug/L	40.0	92.62	50.00-150.00
Carbon Tetrachloride	36.5	ug/L	40.0	91.20	50.00-150.00
Chlorobenzene	39.3	ug/L	40.0	98.25	50.00-150.00
Chloroethane	38.2	ug/L	40.0	95.57	50.00-150.00
Chloroform	35.8	ug/L	40.0	89.60	50.00-150.00
Chloromethane	37.0	ug/L	40.0	92.48	50.00-150.00
Dibromochloromethane	39.8	ug/L	40.0	99.60	50.00-150.00
Dibromomethane	35.9	ug/L	40.0	89.67	50.00-150.00
Dichlorodifluoromethane	39.7	ug/L	40.0	99.22	35.00-155.00
Ethylbenzene	40.7	ug/L	40.0	101.65	50.00-150.00
Methyl Iodide	34.5	ug/L	40.0	86.25	50.00-150.00
Methyl isobutyl ketone	33.6	ug/L	40.0	84.03	50.00-150.00
Methylene chloride	27.0	ug/L	40.0	67.43	50.00-150.00
Para-dichlorobenzene	39.6	ug/L	40.0	99.10	50.00-150.00
Styrene	41.5	ug/L	40.0	103.82	50.00-150.00
Tetrachloroethene	37.1	ug/L	40.0	92.68	50.00-150.00
Toluene	39.6	ug/L	40.0	99.05	50.00-150.00
Trichloroethene	35.7	ug/L	40.0	89.35	50.00-150.00
Trichlorofluoromethane	31.9	ug/L	40.0	79.68	50.00-150.00



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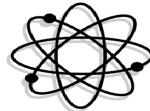
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Atkins-Tampa
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Tampa, FL 33607

PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Quality Control Batch: 10453678		Analyst: BNP					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Vinyl chloride	38.1	ug/L	40.0	95.35	50.00-150.00		
Xylenes	122	ug/L	120	101.56	50.00-150.00		
cis-1,2-dichloroethene	36.5	ug/L	40.0	91.32	50.00-150.00		
cis-1,3-Dichloropropene	35.6	ug/L	40.0	88.97	50.00-150.00		
m-dichlorobenzene	40.0	ug/L	40.0	100.03	50.00-150.00		
o-dichlorobenzene	39.5	ug/L	40.0	98.80	50.00-150.00		
trans-1,2-dichloroethene	36.6	ug/L	40.0	91.38	50.00-150.00		
trans-1,3,-Dichloropropene	38.0	ug/L	40.0	94.95	50.00-150.00		
Surr:1,2-Dichloroethane-d4	29.8	ug/L	30.0	99.43	50.00-150.00		
Surr:Bromofluorobenzene	28.7	ug/L	30.0	95.50	50.00-150.00		
Surr:Toluene-d8	30.0	ug/L	30.0	99.87	50.00-150.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	39.7	ug/L	40.0	99.20	50.00-150.00	0.91	20.00
1,1,1-Trichloroethane	36.8	ug/L	40.0	92.03	50.00-150.00	1.15	20.00
1,1,2,2-Tetrachloroethane	41.3	ug/L	40.0	103.28	50.00-150.00	1.59	20.00
1,1,2-Trichloroethane	37.8	ug/L	40.0	94.40	50.00-150.00	1.03	20.00
1,1-Dichloroethane	35.7	ug/L	40.0	89.32	50.00-150.00	1.13	20.00
1,1-Dichloroethene	38.2	ug/L	40.0	95.40	50.00-150.00	2.98	20.00
1,2-dichloroethane	35.7	ug/L	40.0	89.17	50.00-150.00	1.09	20.00
1,2-dichloropropane	36.2	ug/L	40.0	90.52	50.00-150.00	1.21	20.00
2-Butanone (MEK)	37.3	ug/L	40.0	93.25	50.00-150.00	4.81	20.00
2-Hexanone	35.4	ug/L	40.0	88.40	50.00-150.00	0.57	20.00
Acetone	28.6	ug/L	40.0	71.47	50.00-150.00	11.72	20.00
Acrylonitrile	32.0	ug/L	40.0	80.10	50.00-150.00	6.99	30.00
Benzene	37.4	ug/L	40.0	93.47	50.00-150.00	0.72	20.00
Bromochloromethane	35.8	ug/L	40.0	89.38	50.00-150.00	3.17	20.00
Bromodichloromethane	36.2	ug/L	40.0	90.47	70.00-130.00	0.66	20.00
Bromoform	40.0	ug/L	40.0	99.97	50.00-130.00	0.90	20.00



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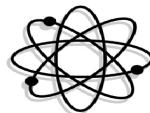
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Atkins-Tampa
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Quality Control Batch: 10453678	Analyst: BNP	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Bromomethane		40.0	ug/L	40.0	100.03	50.00-150.00	0.25	20.00
Carbon Disulfide		38.4	ug/L	40.0	96.10	50.00-150.00	3.68	20.00
Carbon Tetrachloride		36.6	ug/L	40.0	91.55	50.00-150.00	0.38	20.00
Chlorobenzene		39.5	ug/L	40.0	98.77	50.00-150.00	0.53	20.00
Chloroethane		39.4	ug/L	40.0	98.58	50.00-150.00	3.09	20.00
Chloroform		36.0	ug/L	40.0	89.88	50.00-150.00	0.31	20.00
Chloromethane		38.3	ug/L	40.0	95.65	50.00-150.00	3.38	20.00
Dibromochloromethane		39.9	ug/L	40.0	99.78	50.00-150.00	0.18	20.00
Dibromomethane		35.1	ug/L	40.0	87.62	50.00-150.00	2.31	20.00
Dichlorodifluoromethane		40.6	ug/L	40.0	101.60	35.00-155.00	2.37	20.00
Ethylbenzene		41.1	ug/L	40.0	102.85	50.00-150.00	1.17	20.00
Methyl Iodide		35.3	ug/L	40.0	88.28	50.00-150.00	2.32	20.00
Methyl isobutyl ketone		33.8	ug/L	40.0	84.48	50.00-150.00	0.53	20.00
Methylene chloride		27.0	ug/L	40.0	67.47	50.00-150.00	0.07	20.00
Para-dichlorobenzene		39.6	ug/L	40.0	99.08	50.00-150.00	0.03	20.00
Styrene		41.6	ug/L	40.0	103.93	50.00-150.00	0.10	20.00
Tetrachloroethene		37.7	ug/L	40.0	94.22	50.00-150.00	1.66	20.00
Toluene		40.3	ug/L	40.0	100.78	50.00-150.00	1.73	20.00
Trichloroethene		36.6	ug/L	40.0	91.38	50.00-150.00	2.24	20.00
Trichlorofluoromethane		33.4	ug/L	40.0	83.40	50.00-150.00	4.57	20.00
Vinyl chloride		39.6	ug/L	40.0	98.88	50.00-150.00	3.63	20.00
Xylenes		122	ug/L	120	101.81	50.00-150.00	0.25	20.00
cis-1,2-dichloroethene		36.8	ug/L	40.0	91.93	50.00-150.00	0.65	20.00
cis-1,3-Dichloropropene		35.3	ug/L	40.0	88.25	50.00-150.00	0.82	20.00
m-dichlorobenzene		40.1	ug/L	40.0	100.22	50.00-150.00	0.20	20.00
o-dichlorobenzene		40.0	ug/L	40.0	99.95	50.00-150.00	1.16	20.00
trans-1,2-dichloroethene		36.7	ug/L	40.0	91.82	50.00-150.00	0.49	20.00
trans-1,3,-Dichloropropene		37.5	ug/L	40.0	93.65	50.00-150.00	1.38	20.00
Surr:1,2-Dichloroethane-d4		29.8	ug/L	30.0	99.30	50.00-150.00	0.13	20.00



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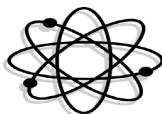
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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Quality Control Batch: 10453678		Analyst: BNP						
Laboratory Control Sample Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Surr:Bromofluorobenzene	28.7	ug/L	30.0	95.50	50.00-150.00	0.00	20.00	
Surr:Toluene-d8	29.9	ug/L	30.0	99.60	50.00-150.00	0.27	20.00	
Quality Control Batch: 10453861		Analyst: IAD						
Blank	Result	Units						
Chlorophyll a	0.0200U	ug/L						
Quality Control Batch: 10454160		Analyst: PCW						
Blank	Result	Units						
Mercury	0.00000500U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Mercury	0.0000198	mg/L	0.0000200	99.00	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Mercury	0.0000519	mg/L	0.0000500	102.00	80.00-120.00	9.00E-7	455361SW1	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.0000523	mg/L	0.0000500	102.80	80.00-120.00	9.00E-7	0.77	20.00



FLOWERS CHEMICAL LABORATORIES INC.

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PO #: Proj. P100073151
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 30, 2020
Jan 12, 2021; Invoice: 458024

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

