3RD 2024 QUARTER-ANNUAL WATER QUALITY MONITORING REPORT

SOUTHEAST LANDHOLDINGS, INCORPORATED
C&D FACILITY
GAINESVILLE, FLORIDA

September 20, 2024

3RD 2024 QUARTER-ANNUAL WATER QUALITY MONITORING REPORT

SOUTHEAST LANDHOLDINGS, INCORPORATED
C&D FACILITY
GAINESVILLE, FLORIDA

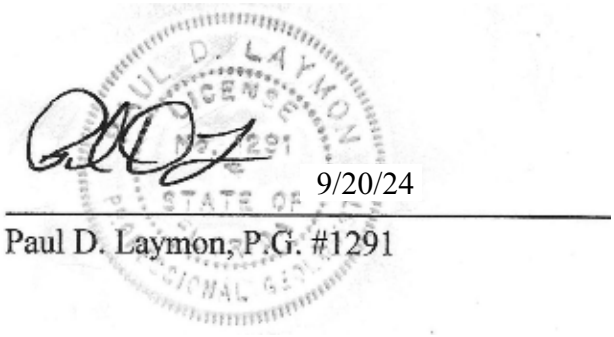
September 20, 2024

performed for:

Florence C&D
3003 SE 15th Street
Gainesville, Florida 32641-1414

performed by:

PAUL D. LAYMON, P.G.
3776 Cathedral Oaks Place North
Jacksonville, Florida 32217



9/20/24

Paul D. Laymon, P.G. #1291

1503013-24GWMR.wpd

INTRODUCTION

The following is a Report of the Water Quality Monitoring event for the 3rd Quarter-Annual period of 2024 at the Florence C&D facility, located in Gainesville, Florida. This report has been produced to comply with the facility's Permit Number 70754-006-SO, for the referenced site.

FIELD ACTIVITIES

On August 1, 2024, sampling personnel mobilized to the site to conduct groundwater monitoring activities. Groundwater levels were collected at MW-1R, MW-2, MW-3, MW-3R, MW-4, CW-4, MW-5, MW-6, MW-7, and MW-8; as well as the temporary and assessment wells: TW-7, TW-8, and TW-11; and the off-site piezometers: P-13 and P-14. This event occurred following a period of seasonally normal rainfall amounts. The stormwater ponds on the west and southwest side were retaining little or no water, which is used to interpolate groundwater flow in the unconsolidated zone.

GROUNDWATER FLOW

The water level data is provided in Table 1. It is noted that monitor wells MW-2, MW-3, MW-5, MW-6, MW-7, MW-8, P-13, and P-14 are screened in the unconsolidated sands, whereas MW-1R, MW-3R, CW-4, MW-4, TW-7, TW-8, and TW-11 are screened into the shallow rock zone beneath the unconsolidated sands. Based upon the data in Table 1, known field conditions, and historical groundwater elevation data, DOMINION has interpreted groundwater flow in these separated zones as represented on Figure 1. Groundwater flow in the shallow rock zone is across the west boundary of the edge of waste, toward the southwest. Groundwater flow in the unconsolidated deposits is also illustrated on this figure. Generally, recharge to this zone is from the southeast and discharge appears to be to the west.

With the placement of P-13 and P-14, greater detail is available regarding groundwater flow in the unconsolidated deposits on the north side of the site. It can now be identified that the water level in MW-8 is lower than those to the north/northeast and south. Groundwater in its vicinity, discharges to the west, into the pond, when pond levels are not excessively high. In the vicinity of

MW-7, groundwater appears to discharge to the northeast.

Another condition identified in this data, is the separation in the monitored zone at MW-1R. The original well was set in sandy soils whose base is at 14 feet below land surface (bls). Even though the well was 28 feet deep, the bottom 14 feet was clay. In an effort to monitor the shallow rock zone, the replacement well was set at 37 feet bls, with the bottom seven feet in largely void space filled with wet sand and lime clay with limestone fragments. Although the void space indicated the potential for significant groundwater, this well produces water at a very slow rate, possibly indicating that the void is isolated from the surrounding aquifer by the extensive clay deposits. This would also help explain the much lower water level in this well than in the former adjacent well and all other wells at the site.

Table 1. Groundwater Level Data (August 1, 2024)

Well Name	Reference Point Elevation	Screen Interval	Depth to Water	Groundwater Elevation
MW-1R	118.16	79.2-89.2	17.03	101.13
MW-2	121.34	94.3-104.3	12.17	109.17
MW-3	119.94	92-102	13.93	106.01
MW-3R	119.51	83-93	14.30	105.21
MW-4	115.52	79.5-94.5	9.38	106.14
CW-4	119.57	79.6-89.6	13.41	106.16
MW-5	114.62	96.1-106.1	5.77	108.85
MW-6	123.99	90.5-100.5	14.32	109.67
MW-7	118.10	91.8-106.8	10.42	107.68
MW-8	117.02	88.0-98.0	10.25	106.77
TW-7	118.37	83.4-88.4	12.25	106.12
TW-8	115.86	80.9-85.9	9.58	106.28
TW-11	121.10	83-93	16.06	105.04
P-13	119.88	93.2-103.2	12.59	107.29
P-14	117.90	91.7-101.7	10.62	107.28

Measurements are in ft; elevations are in reference to NGVD

QUALITY ASSURANCE

Samples were collected by DOMINION personnel, in a manner that is consistent with the FDEP, Standard Operating Procedure, detailed in 62-160 of the Florida Administrative Code. Laboratory

analyses were performed by Advanced Environmental Laboratories, which is a NELAC certified laboratory. Laboratory analytical reports are provided in Attachment A.

ANALYSES

Groundwater samples from the monitor wells were analyzed for the parameters listed in Appendix 3.3 of the referenced permit. The compliance well, CW-4 was added to the monitoring program to track the concentrations of aluminum, total dissolved solids (TDS), sulfate (SO_4), and arsenic downgradient of the detection well, MW-4. Over the past events, arsenic concentrations have risen above its cleanup target level (CTL) and then fallen to below it in both the compliance and detection wells. More recently, sodium concentrations had risen in these same two wells and then also fallen to below the CTL. Evaluation monitoring (EM) had been conducted for sodium, as well as iron, sulfates, and TDS, by incorporating TW-7 and TW-8 into the monitoring program; as it had been previously for arsenic. Due to more than four sequential events with sodium concentrations not in excess of the CTL in the compliance well, evaluation monitoring for sodium was halted in 2021. On June 8, 2023, the FDEP requested that EM be re-initiated for the detections of Fe, SO_4, and TDS in MW-2, MW-3R, MW-4, CW-4, MW-5, MW-7, and MW-8. However, there were no detections of these analytes above background levels in MW-2 or MW-5 and MW-7 and MW-8 were not included in the permitted monitoring program until the new permit was issued on June 20, 2023. Since the new permit requires quarterly monitoring, this, along with the assessment work done for previous EM periods, will satisfy EM for MW3R, MW-4, and CW-4. For EM purposes, TW-7 and TW-11 were added to the monitoring well list for the previous events but were removed following the last event.

As shown in Table 2, aluminum, arsenic, iron, sodium, sulfate, and TDS were detected above their respective cleanup target levels (CTL).

The aluminum CTL of 0.2 milligrams per liter (mg/l) was exceeded in the samples from MW-6, MW-8, TW-8, and the background well, with the highest concentrations in the MW-1R sample at 5.1 mg/l. The highest iron concentration was in the sample from MW-7 at 134 mg/l. The sample from the background well had a concentration of 8.6 mg/l. The iron CTL of 0.3 mg/l was exceeded in every sample except those from MW-2, MW-5, and MW-8.

Sulfate, which has a CTL of 250 mg/l was only exceeded in the shallow rock zone samples from MW-3R and CW-4 at a concentration 270 mg/l in each. The CTL for TDS of 500 mg/l was exceeded in all of the shallow rock well samples. It was also exceeded in the samples form MW-6, MW-7, and MW-8. Its highest concentration of 2200 mg/l was in the sample from MW-8.

Arsenic was elevated above its CTL of 0.01 mg/l in the sample from MW-8 at a concentration of 0.110 mg/l. Sodium was also above its CTL of 160 mg/l in this well, at a concentration of 260 mg/l.

RECOMMENDATIONS

As interpreted on the groundwater flow map, there is now documentation that indicates groundwater is migrating toward the site from the north and southeast. Monitor wells MW-2, MW-5, and MW-6 are interpreted as upgradient of the permitted landfill. Although downgradient of the landfill, MW-8 is also downgradient of the property to the north.

Arsenic was above its CTL in the sample from MW-8 for the third consecutive event. Sodium and TDS concentrations in this well have increased during the past two events. As documented by groundwater flow data, these elevated detections could be coming from the site or the property to the north. Downgradient of this well is documented to be the stormwater basin area in the northwest corner of the site. This pond was to have been sampled during this event but it was not retaining water during this event. The addition of a detection well to the west/southwest of this well is in the permit.

Quarter-annual monitoring should continue with the following changes.

- ➢ The locations of MW-2 and MW-6 should be referred to as background for the unconsolidated zone.
- ➢ Monitoring at MW-5 should be discontinued.
- ➢ Monitoring of TW-7 and TW-8 should be discontinued and replaced with a 2-inch diameter well of approximately the same depth as these, not more than 25 feet south of the current location of TW-8.
- ➢ An additional detection well should be installed, as planned, to the west/southwest of MW-8, 50 feet west of the cell in this area.

Table 2. Analytical Summary (August 1, 2024)

Well #	Al 0.2 [2]	As 0.01 [1]	Fe 0.3 [2]	Na 160 [1]	Cl 250 [2]	SO_4 250 [2]	TDS 500 [2]
MW-1R[3]	**5.1**	0.008u	**8.6**	24	18i	18i	580
MW-2	0.060i	0.008u	0.20u	3.6	4.5i	5.0i	23
MW-3R	0.02u	0.008u	**0.70i**	52	20u	**270**	**1300**
CW-4	0.02u	0.008u	**2.6**	120	50i	**270**	**1300**
MW-4	0.02u	0.008u	**0.86**	130	100u	210i	**1500**
MW-5	0.066i	0.008u	0.20u	4.6	6.8i	6.8i	29
MW-6	**0.26**	0.008u	**0.97**	15	10u	10u	**920**
MW-7	0.020u	0.008u	**13.0**	85	100u	100u	**1400**
MW-8	**0.27**	**0.110**	0.20u	**260**	110i	100u	**2200**
TW-8	**0.44**	0.008u	**1.1**	86	38i	240	**1100**

all concentrations in mg/l
NA not analyzed for this constituent
u below MDL
i below PQL
bold above applicable CTL
1 Primary Drinking Water Standard
2 Secondary Drinking Water Standard
3 Cr=0.021; Pb=0.014 mg/l

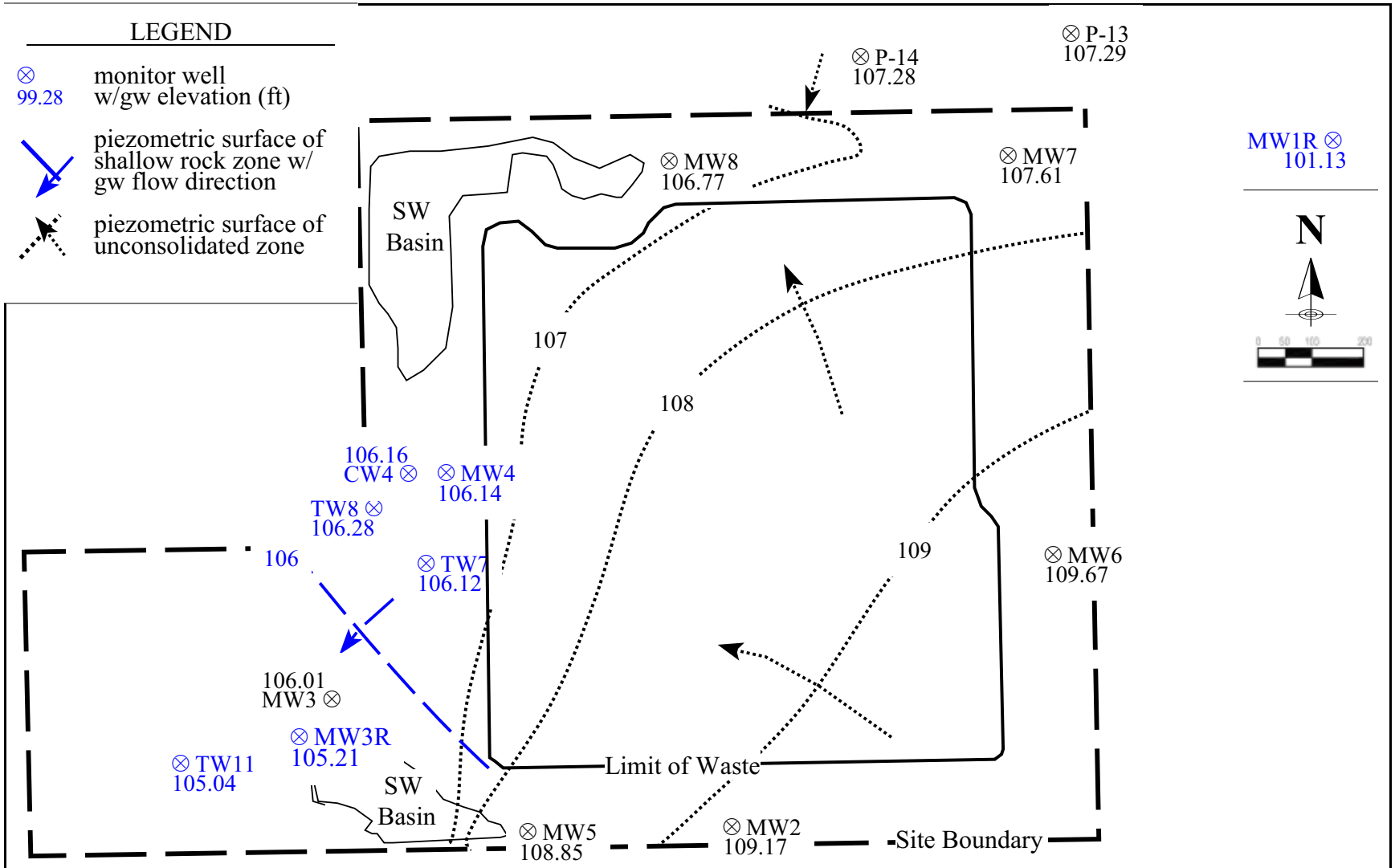


FIGURE 1. Groundwater Flow (8/1/24)

Florence C&D
30036 SE 15th Street
Gainesville, Florida

3776 Cathedral Oaks Pl N
Jacksonville, FL 32217
(904) 716-1388

ATTACHMENT A

LABORATORY DATA

Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904) 363-9350
Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

August 16, 2024

Paul Laymon
Dominion
PO Box 3598
Ponte Vedra Beach, FL 32004

RE: Workorder: J2411253 1503.01

Dear Paul Laymon:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday August 1, 2024. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul Gunsaulies
PGunsaulies@aellab.com

Certificate of Analysis

NELAP Accredited E82574

Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904) 363-9350
Fax: (904) 363-9354

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Workorder: 1503.01 (J2411253)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2411253001	MW-1R	WA	EPA 300.0	08/01/2024 09:45	08/01/2024 15:15	3	NA
J2411253001	MW-1R	WA	EPA 350.1	08/01/2024 09:45	08/01/2024 15:15	1	NA
J2411253001	MW-1R	WA	SM 2540 C	08/01/2024 09:45	08/01/2024 15:15	1	NA
J2411253001	MW-1R	WA	SW-846 6010	08/01/2024 09:45	08/01/2024 15:15	7	NA
J2411253001	MW-1R	WA	SW-846 7470A	08/01/2024 09:45	08/01/2024 15:15	1	NA
J2411253001	MW-1R	WA	SW-846 8260D	08/01/2024 09:45	08/01/2024 15:15	35	NA
J2411253002	MW-6	WA	EPA 300.0	08/01/2024 10:10	08/01/2024 15:15	3	NA
J2411253002	MW-6	WA	EPA 350.1	08/01/2024 10:10	08/01/2024 15:15	1	NA
J2411253002	MW-6	WA	SM 2540 C	08/01/2024 10:10	08/01/2024 15:15	1	NA
J2411253002	MW-6	WA	SW-846 6010	08/01/2024 10:10	08/01/2024 15:15	7	NA
J2411253002	MW-6	WA	SW-846 7470A	08/01/2024 10:10	08/01/2024 15:15	1	NA
J2411253002	MW-6	WA	SW-846 8260D	08/01/2024 10:10	08/01/2024 15:15	35	NA
J2411253003	MW-2	WA	EPA 300.0	08/01/2024 10:30	08/01/2024 15:15	3	NA
J2411253003	MW-2	WA	EPA 350.1	08/01/2024 10:30	08/01/2024 15:15	1	NA
J2411253003	MW-2	WA	SM 2540 C	08/01/2024 10:30	08/01/2024 15:15	1	NA
J2411253003	MW-2	WA	SW-846 6010	08/01/2024 10:30	08/01/2024 15:15	7	NA
J2411253003	MW-2	WA	SW-846 7470A	08/01/2024 10:30	08/01/2024 15:15	1	NA
J2411253003	MW-2	WA	SW-846 8260D	08/01/2024 10:30	08/01/2024 15:15	35	NA
J2411253004	MW-5	WA	EPA 300.0	08/01/2024 10:50	08/01/2024 15:15	3	NA
J2411253004	MW-5	WA	EPA 350.1	08/01/2024 10:50	08/01/2024 15:15	1	NA
J2411253004	MW-5	WA	SM 2540 C	08/01/2024 10:50	08/01/2024 15:15	1	NA
J2411253004	MW-5	WA	SW-846 6010	08/01/2024 10:50	08/01/2024 15:15	7	NA
J2411253004	MW-5	WA	SW-846 7470A	08/01/2024 10:50	08/01/2024 15:15	1	NA
J2411253004	MW-5	WA	SW-846 8260D	08/01/2024 10:50	08/01/2024 15:15	35	NA
J2411253005	MW-7	WA	EPA 300.0	08/01/2024 11:10	08/01/2024 15:15	3	NA
J2411253005	MW-7	WA	EPA 350.1	08/01/2024 11:10	08/01/2024 15:15	1	NA
J2411253005	MW-7	WA	SM 2540 C	08/01/2024 11:10	08/01/2024 15:15	1	NA
J2411253005	MW-7	WA	SW-846 6010	08/01/2024 11:10	08/01/2024 15:15	7	NA
J2411253005	MW-7	WA	SW-846 7470A	08/01/2024 11:10	08/01/2024 15:15	1	NA
J2411253005	MW-7	WA	SW-846 8260D	08/01/2024 11:10	08/01/2024 15:15	35	NA
J2411253006	MW-8	WA	EPA 300.0	08/01/2024 11:30	08/01/2024 15:15	3	NA
J2411253006	MW-8	WA	EPA 350.1	08/01/2024 11:30	08/01/2024 15:15	1	NA
J2411253006	MW-8	WA	SM 2540 C	08/01/2024 11:30	08/01/2024 15:15	1	NA
J2411253006	MW-8	WA	SW-846 6010	08/01/2024 11:30	08/01/2024 15:15	7	NA
J2411253006	MW-8	WA	SW-846 7470A	08/01/2024 11:30	08/01/2024 15:15	1	NA

Certificate of Analysis

NELAP Accredited E82574

Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904) 363-9350
Fax: (904) 363-9354

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Workorder: 1503.01 (J2411253)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2411253006	MW-8	WA	SW-846 8260D	08/01/2024 11:30	08/01/2024 15:15	35	NA
J2411253007	MW-3R	WA	EPA 300.0	08/01/2024 11:55	08/01/2024 15:15	3	NA
J2411253007	MW-3R	WA	EPA 350.1	08/01/2024 11:55	08/01/2024 15:15	1	NA
J2411253007	MW-3R	WA	SM 2540 C	08/01/2024 11:55	08/01/2024 15:15	1	NA
J2411253007	MW-3R	WA	SW-846 6010	08/01/2024 11:55	08/01/2024 15:15	7	NA
J2411253007	MW-3R	WA	SW-846 7470A	08/01/2024 11:55	08/01/2024 15:15	1	NA
J2411253007	MW-3R	WA	SW-846 8260D	08/01/2024 11:55	08/01/2024 15:15	35	NA
J2411253008	CW-4	WA	EPA 300.0	08/01/2024 12:40	08/01/2024 15:15	3	NA
J2411253008	CW-4	WA	EPA 350.1	08/01/2024 12:40	08/01/2024 15:15	1	NA
J2411253008	CW-4	WA	SM 2540 C	08/01/2024 12:40	08/01/2024 15:15	1	NA
J2411253008	CW-4	WA	SW-846 6010	08/01/2024 12:40	08/01/2024 15:15	7	NA
J2411253008	CW-4	WA	SW-846 7470A	08/01/2024 12:40	08/01/2024 15:15	1	NA
J2411253008	CW-4	WA	SW-846 8260D	08/01/2024 12:40	08/01/2024 15:15	35	NA
J2411253009	MW-4	WA	EPA 300.0	08/01/2024 13:00	08/01/2024 15:15	3	NA
J2411253009	MW-4	WA	EPA 350.1	08/01/2024 13:00	08/01/2024 15:15	1	NA
J2411253009	MW-4	WA	SM 2540 C	08/01/2024 13:00	08/01/2024 15:15	1	NA
J2411253009	MW-4	WA	SW-846 6010	08/01/2024 13:00	08/01/2024 15:15	7	NA
J2411253009	MW-4	WA	SW-846 7470A	08/01/2024 13:00	08/01/2024 15:15	1	NA
J2411253009	MW-4	WA	SW-846 8260D	08/01/2024 13:00	08/01/2024 15:15	35	NA
J2411253010	TW-8	WA	EPA 300.0	08/01/2024 12:20	08/01/2024 15:15	3	NA
J2411253010	TW-8	WA	EPA 350.1	08/01/2024 12:20	08/01/2024 15:15	1	NA
J2411253010	TW-8	WA	SM 2540 C	08/01/2024 12:20	08/01/2024 15:15	1	NA
J2411253010	TW-8	WA	SW-846 6010	08/01/2024 12:20	08/01/2024 15:15	7	NA
J2411253010	TW-8	WA	SW-846 7470A	08/01/2024 12:20	08/01/2024 15:15	1	NA
J2411253010	TW-8	WA	SW-846 8260D	08/01/2024 12:20	08/01/2024 15:15	35	NA

Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904) 363-9350
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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Workorder Summary

Batch Comments

ICPj/3748 - ICP 6010B Analysis

Method Blank 5421180 (MB) contained a low level of Cadmium above the Method Detection Limit (MDL), but below the Quantitation Limit (PQL and/or LOQ). The associated samples did not contain the analyte in question above the Method Detection Limit (MDL); therefore, the presence of Cadmium in the MB had no adverse effects on the data.

MSVj/10337 - 8260D Analysis,Water

The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for Bromomethane and 2-Chloroethyl Vinyl Ether. However, a Method Reporting Limit (MRL) standard was run at the end of the analytical sequence. Since the analytes in question were detected in the MRL standard, instrument sensitivity was documented. As the analytes in question were not detected in the field samples, the results are deemed acceptable.

MSVj/10339 - 8260D Analysis,Water

The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for several target analytes. However, a Method Reporting Limit (MRL) standard was run at the end of the analytical sequence. Since the analytes in question were detected in the MRL standard, instrument sensitivity was documented. As the analytes in question were not detected in the field samples, the results are deemed acceptable.

WCAg/17461 - Ammonia,E350.1,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample J2411253004 for NH3 were (49%, 50%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample F2405059001 for NH3 were (79%, 78%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample J2411543001 for NH3 were (-107%, -113%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

WCAg/17518 - Ammonia,E350.1,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample J2411664001 for NH3 were (81%, 97%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The relative percent difference (RPD) for the following analyte(s) in the replicate matrix spike analyses of J2411664001 was outside control criteria: NH3. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.

Task Comments

J2411253006 (MW-8) - MSVj/10337 - 8260D Analysis,Water

J2411253006 required a dilution due to the presence of a foamy sample matrix (surfactants). The dilution was necessary to prevent foam over during the purge cycle, resulting in instrument damage.

J2411253008 (CW-4) - MSVj/10339 - 8260D Analysis,Water

J2411253008 required a dilution due to the presence of a foamy sample matrix (surfactants). The dilution was necessary to prevent foam over during the purge cycle, resulting in instrument damage.

J2411253009 (MW-4) - MSVj/10339 - 8260D Analysis,Water

J2411253009 required a dilution due to the presence of a foamy sample matrix (surfactants). The dilution was necessary to prevent foam over during the purge cycle, resulting in instrument damage.

Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904) 363-9350
Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

Workorder Summary

Analysis Results Comments

J2411253001 (MW-1R) - Nitrate (as N)

J2411253001 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

J2411253002 (MW-6) - Chloride

J2411253002 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

J2411253003 (MW-2) - Nitrate (as N)

The matrix spike (MS) and/or matrix spike duplicate (MSD) recoveries of Nitrate for J2411253003 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The data was flagged accordingly.

J4|Estimated Result

J2411253005 (MW-7) - Chloride

J2411253005 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

J2411253006 (MW-8) - Chloride

J2411253006 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

J2411253007 (MW-3R) - Chloride

J2411253007 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

J2411253008 (CW-4) - Chloride

J2411253008 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

J2411253009 (MW-4) - Chloride

J2411253009 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

J2411253010 (TW-8) - Chloride

J2411253010 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results Qualifiers

Parameter Qualifiers

U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
V	Method Blank Contamination
J4	Estimated Result

Lab Qualifiers

G	DOH Certification #E82001 (FL NELAC) AEL-Gainesville
J	DOH Certification #E82574 (FL NELAC) AEL-Jacksonville DOD-ELAP Certification #L23-514 (ISO/IEC 17025:2017) AEL-Jacksonville

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Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253001 **Date Collected:** 08/01/2024 09:45 **Matrix:** Water
Sample ID: MW-1R **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	**5100**	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 20:56	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 20:56	J
Cadmium	**0.70 I**	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 20:56	J
Chromium	**21**	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 20:56	J
Iron	**8600**	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 20:56	J
Lead	**14**	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 20:56	J
Sodium	**24**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 20:56	J
METALS (SW-846 7470A)								
Mercury	**0.024 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 12:30	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:14	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
Benzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253001 **Date Collected:** 08/01/2024 09:45 **Matrix:** Water
Sample ID: MW-1R **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:14	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	08/02/2024 23:18	08/03/2024 08:14	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Toluene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:14	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	08/02/2024 23:18	08/03/2024 08:14	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:14	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:14	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:14	J
WET CHEMISTRY (EPA 300.0)								
Chloride	**18 I**	mg/L	40	10	5	08/02/2024 10:13	08/02/2024 10:13	J
Nitrate (as N)	1.0 U	mg/L	4.0	1.0	5	08/02/2024 10:13	08/02/2024 10:13	J
Sulfate	**18 I**	mg/L	40	10	5	08/02/2024 10:13	08/02/2024 10:13	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.34**	mg/L	0.040	0.017	1	08/12/2024 11:09	08/12/2024 11:09	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**580**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Analysis Results Comments

Cadmium

V|Method Blank Contamination

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	112	70 - 128	J
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	J

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Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253002 **Date Collected:** 08/01/2024 10:10 **Matrix:** Water
Sample ID: MW-6 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	**260**	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:01	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:01	J
Cadmium	**0.80 I**	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:01	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:01	J
Iron	**970**	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:01	J
Lead	**7.6 I**	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:01	J
Sodium	**15**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:01	J
METALS (SW-846 7470A)								
Mercury	**0.038 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 12:55	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:39	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
Benzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J

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Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253002 **Date Collected:** 08/01/2024 10:10 **Matrix:** Water
Sample ID: MW-6 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:39	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	08/02/2024 23:18	08/03/2024 08:39	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Toluene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 08:39	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	08/02/2024 23:18	08/03/2024 08:39	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:39	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 08:39	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 08:39	J
WET CHEMISTRY (EPA 300.0)								
Chloride	10 U	mg/L	40	10	5	08/02/2024 10:39	08/02/2024 10:39	J
Nitrate (as N)	1.0 U	mg/L	4.0	1.0	5	08/02/2024 10:39	08/02/2024 10:39	J
Sulfate	10 U	mg/L	40	10	5	08/02/2024 10:39	08/02/2024 10:39	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**4.0**	mg/L	0.20	0.087	5	08/12/2024 11:10	08/12/2024 11:10	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**920**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Analysis Results Comments

Cadmium

V|Method Blank Contamination

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	112	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	J

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Fax: (904) 363-9354

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Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253003 **Date Collected:** 08/01/2024 10:30 **Matrix:** Water
Sample ID: MW-2 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	**60 I**	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:05	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:05	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:05	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:05	J
Iron	200 U	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:05	J
Lead	3.0 U	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:05	J
Sodium	**3.6**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:05	J
METALS (SW-846 7470A)								
Mercury	**0.012 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 12:58	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:03	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
Benzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J

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Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253003 **Date Collected:** 08/01/2024 10:30 **Matrix:** Water
Sample ID: MW-2 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:03	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	08/02/2024 23:18	08/03/2024 09:03	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Toluene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:03	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	08/02/2024 23:18	08/03/2024 09:03	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:03	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:03	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:03	J
WET CHEMISTRY (EPA 300.0)								
Chloride	**4.5 I**	mg/L	8.0	2.0	1	08/02/2024 11:06	08/02/2024 11:06	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	1	08/02/2024 11:06	08/02/2024 11:06	J
Sulfate	**5.0 I**	mg/L	8.0	2.0	1	08/02/2024 11:06	08/02/2024 11:06	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.017 U	mg/L	0.040	0.017	1	08/12/2024 13:24	08/12/2024 13:24	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**23**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	58	116	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	55	109	86 - 123	J

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Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253004 **Date Collected:** 08/01/2024 10:50 **Matrix:** Water
Sample ID: MW-5 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	**66 I**	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:10	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:10	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:10	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:10	J
Iron	200 U	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:10	J
Lead	3.0 U	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:10	J
Sodium	**4.6**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:10	J
METALS (SW-846 7470A)								
Mercury	**0.053 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 13:01	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:27	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
Benzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253004 **Date Collected:** 08/01/2024 10:50 **Matrix:** Water
Sample ID: MW-5 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:27	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	08/02/2024 23:18	08/03/2024 09:27	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Toluene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:27	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	08/02/2024 23:18	08/03/2024 09:27	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:27	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:27	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:27	J
WET CHEMISTRY (EPA 300.0)								
Chloride	**6.8 I**	mg/L	8.0	2.0	1	08/02/2024 12:25	08/02/2024 12:25	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	1	08/02/2024 12:25	08/02/2024 12:25	J
Sulfate	**6.8 I**	mg/L	8.0	2.0	1	08/02/2024 12:25	08/02/2024 12:25	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.67**	mg/L	0.040	0.017	1	08/12/2024 11:12	08/12/2024 11:12	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**29**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	60	120	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J

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Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253005 **Date Collected:** 08/01/2024 11:10 **Matrix:** Water
Sample ID: MW-7 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	20 U	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:14	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:14	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:14	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:14	J
Iron	**13000**	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:14	J
Lead	3.0 U	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:14	J
Sodium	**85**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:14	J
METALS (SW-846 7470A)								
Mercury	**0.046 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 13:04	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:52	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
Benzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253005 **Date Collected:** 08/01/2024 11:10 **Matrix:** Water
Sample ID: MW-7 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:52	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	08/02/2024 23:18	08/03/2024 09:52	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Toluene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 09:52	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	08/02/2024 23:18	08/03/2024 09:52	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:52	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 09:52	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 09:52	J
WET CHEMISTRY (EPA 300.0)								
Chloride	100 U	mg/L	400	100	50	08/02/2024 12:51	08/02/2024 12:51	J
Nitrate (as N)	10 U	mg/L	40	10	50	08/02/2024 12:51	08/02/2024 12:51	J
Sulfate	100 U	mg/L	400	100	50	08/02/2024 12:51	08/02/2024 12:51	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**9.1**	mg/L	0.40	0.17	10	08/12/2024 13:25	08/12/2024 13:25	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**1400**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	59	118	70 - 128	J
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	J

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Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253006 **Date Collected:** 08/01/2024 11:30 **Matrix:** Water
Sample ID: MW-8 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	**270**	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:19	J
Arsenic	**110**	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:19	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:19	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:19	J
Iron	200 U	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:19	J
Lead	3.0 U	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:19	J
Sodium	**260**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:19	J
METALS (SW-846 7470A)								
Mercury	**0.096 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 13:10	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
1,1,2,2-Tetrachloroethane	0.60 U	ug/L	3.0	0.60	3	08/02/2024 23:18	08/03/2024 10:16	J
1,1,2-Trichloroethane	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
1,1-Dichloroethane	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
1,1-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
1,2-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
1,2-Dichloroethane	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
1,2-Dichloropropane	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
1,3-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
1,4-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
2-Chloroethyl Vinyl Ether	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
Benzene	**0.93 I**	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Bromodichloromethane	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Bromoform	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Bromomethane	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
Carbon Tetrachloride	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Chlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253006 **Date Collected:** 08/01/2024 11:30 **Matrix:** Water
Sample ID: MW-8 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
Chloroform	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
Chloromethane	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Dibromochloromethane	0.60 U	ug/L	3.0	0.60	3	08/02/2024 23:18	08/03/2024 10:16	J
Dichlorodifluoromethane	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
Ethylbenzene	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Methyl tert-butyl Ether (MTBE)	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Methylene Chloride	3.8 U	ug/L	15	3.8	3	08/02/2024 23:18	08/03/2024 10:16	J
Tetrachloroethylene (PCE)	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Toluene	**1.7 I**	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Trichloroethene	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Trichlorofluoromethane	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
Vinyl Chloride	0.75 U	ug/L	3.0	0.75	3	08/02/2024 23:18	08/03/2024 10:16	J
Xylene (Total)	2.2 U	ug/L	9.0	2.2	3	08/02/2024 23:18	08/03/2024 10:16	J
cis-1,2-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
cis-1,3-Dichloropropene	0.60 U	ug/L	3.0	0.60	3	08/02/2024 23:18	08/03/2024 10:16	J
trans-1,2-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/02/2024 23:18	08/03/2024 10:16	J
trans-1,3-Dichloropropylene	0.60 U	ug/L	3.0	0.60	3	08/02/2024 23:18	08/03/2024 10:16	J
WET CHEMISTRY (EPA 300.0)								
Chloride	**110 I**	mg/L	400	100	50	08/02/2024 13:17	08/02/2024 13:17	J
Nitrate (as N)	10 U	mg/L	40	10	50	08/02/2024 13:17	08/02/2024 13:17	J
Sulfate	100 U	mg/L	400	100	50	08/02/2024 13:17	08/02/2024 13:17	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**110**	mg/L	8.0	3.5	200	08/15/2024 10:32	08/15/2024 10:32	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**2200**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	150	170	114	70 - 128	J
Toluene-d8 (S)	ug/L	150	150	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	150	160	105	86 - 123	J

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Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253007 **Date Collected:** 08/01/2024 11:55 **Matrix:** Water
Sample ID: MW-3R **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	20 U	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:23	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:23	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:23	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:23	J
Iron	**700 I**	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:23	J
Lead	**7.1 I**	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:23	J
Sodium	**52**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:23	J
METALS (SW-846 7470A)								
Mercury	**0.039 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 13:12	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 10:41	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
Benzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253007 **Date Collected:** 08/01/2024 11:55 **Matrix:** Water
Sample ID: MW-3R **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 10:41	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	08/02/2024 23:18	08/03/2024 10:41	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Toluene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	08/02/2024 23:18	08/03/2024 10:41	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	08/02/2024 23:18	08/03/2024 10:41	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 10:41	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/02/2024 23:18	08/03/2024 10:41	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	08/02/2024 23:18	08/03/2024 10:41	J
WET CHEMISTRY (EPA 300.0)								
Chloride	20 U	mg/L	80	20	10	08/02/2024 13:43	08/02/2024 13:43	J
Nitrate (as N)	2.0 U	mg/L	8.0	2.0	10	08/02/2024 13:43	08/02/2024 13:43	J
Sulfate	**270**	mg/L	80	20	10	08/02/2024 13:43	08/02/2024 13:43	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**14**	mg/L	1.0	0.44	25	08/15/2024 10:33	08/15/2024 10:33	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**1300**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	57	114	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	J

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Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253008 **Date Collected:** 08/01/2024 12:40 **Matrix:** Water
Sample ID: CW-4 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	20 U	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:28	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:28	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:28	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:28	J
Iron	**2600**	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:28	J
Lead	**7.5 I**	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:28	J
Sodium	**120**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:28	J
METALS (SW-846 7470A)								
Mercury	**0.020 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 13:15	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
1,1,2,2-Tetrachloroethane	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:31	J
1,1,2-Trichloroethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
1,1-Dichloroethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
1,1-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
1,2-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
1,2-Dichloroethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
1,2-Dichloropropane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
1,3-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
1,4-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
2-Chloroethyl Vinyl Ether	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
Benzene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Bromodichloromethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Bromoform	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Bromomethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
Carbon Tetrachloride	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Chlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253008 **Date Collected:** 08/01/2024 12:40 **Matrix:** Water
Sample ID: CW-4 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
Chloroform	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
Chloromethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Dibromochloromethane	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:31	J
Dichlorodifluoromethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
Ethylbenzene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Methyl tert-butyl Ether (MTBE)	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Methylene Chloride	3.8 U	ug/L	15	3.8	3	08/03/2024 12:18	08/03/2024 13:31	J
Tetrachloroethylene (PCE)	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Toluene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Trichloroethene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Trichlorofluoromethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
Vinyl Chloride	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:31	J
Xylene (Total)	2.2 U	ug/L	9.0	2.2	3	08/03/2024 12:18	08/03/2024 13:31	J
cis-1,2-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
cis-1,3-Dichloropropene	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:31	J
trans-1,2-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:31	J
trans-1,3-Dichloropropylene	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:31	J
WET CHEMISTRY (EPA 300.0)								
Chloride	**50 I**	mg/L	80	20	10	08/02/2024 14:10	08/02/2024 14:10	J
Nitrate (as N)	2.0 U	mg/L	8.0	2.0	10	08/02/2024 14:10	08/02/2024 14:10	J
Sulfate	**270**	mg/L	80	20	10	08/02/2024 14:10	08/02/2024 14:10	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**15**	mg/L	0.80	0.35	20	08/12/2024 13:29	08/12/2024 13:29	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**1300**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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Phone: (904) 363-9350
Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	150	160	105	70 - 128	J
Toluene-d8 (S)	ug/L	150	150	99	77 - 119	J
Bromofluorobenzene (S)	ug/L	150	160	106	86 - 123	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253009 **Date Collected:** 08/01/2024 13:00 **Matrix:** Water
Sample ID: MW-4 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	20 U	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:32	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/06/2024 21:32	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:32	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:32	J
Iron	**860**	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:32	J
Lead	**5.5 I**	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:32	J
Sodium	**130**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:32	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 13:18	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
1,1,2,2-Tetrachloroethane	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:56	J
1,1,2-Trichloroethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
1,1-Dichloroethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
1,1-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
1,2-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
1,2-Dichloroethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
1,2-Dichloropropane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
1,3-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
1,4-Dichlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
2-Chloroethyl Vinyl Ether	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
Benzene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Bromodichloromethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Bromoform	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Bromomethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
Carbon Tetrachloride	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Chlorobenzene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253009 **Date Collected:** 08/01/2024 13:00 **Matrix:** Water
Sample ID: MW-4 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
Chloroform	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
Chloromethane	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Dibromochloromethane	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:56	J
Dichlorodifluoromethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
Ethylbenzene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Methyl tert-butyl Ether (MTBE)	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Methylene Chloride	3.8 U	ug/L	15	3.8	3	08/03/2024 12:18	08/03/2024 13:56	J
Tetrachloroethylene (PCE)	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Toluene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Trichloroethene	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Trichlorofluoromethane	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
Vinyl Chloride	0.75 U	ug/L	3.0	0.75	3	08/03/2024 12:18	08/03/2024 13:56	J
Xylene (Total)	2.2 U	ug/L	9.0	2.2	3	08/03/2024 12:18	08/03/2024 13:56	J
cis-1,2-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
cis-1,3-Dichloropropene	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:56	J
trans-1,2-Dichloroethylene	1.5 U	ug/L	6.0	1.5	3	08/03/2024 12:18	08/03/2024 13:56	J
trans-1,3-Dichloropropylene	0.60 U	ug/L	3.0	0.60	3	08/03/2024 12:18	08/03/2024 13:56	J
WET CHEMISTRY (EPA 300.0)								
Chloride	100 U	mg/L	400	100	50	08/02/2024 14:36	08/02/2024 14:36	J
Nitrate (as N)	10 U	mg/L	40	10	50	08/02/2024 14:36	08/02/2024 14:36	J
Sulfate	**210 I**	mg/L	400	100	50	08/02/2024 14:36	08/02/2024 14:36	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**19**	mg/L	1.0	0.44	25	08/12/2024 13:30	08/12/2024 13:30	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**1500**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	150	150	103	70 - 128	J
Toluene-d8 (S)	ug/L	150	150	100	77 - 119	J
Bromofluorobenzene (S)	ug/L	150	160	104	86 - 123	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253010 **Date Collected:** 08/01/2024 12:20 **Matrix:** Water
Sample ID: TW-8 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Aluminum	**440**	ug/L	80	20	1	08/06/2024 10:50	08/06/2024 21:45	J
Arsenic	8.0 U	ug/L	32	8.0	1	08/06/2024 10:50	08/08/2024 15:45	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	08/06/2024 10:50	08/06/2024 21:45	J
Chromium	5.0 U	ug/L	20	5.0	1	08/06/2024 10:50	08/06/2024 21:45	J
Iron	**1100**	ug/L	800	200	1	08/06/2024 10:50	08/06/2024 21:45	J
Lead	**9.8 I**	ug/L	12	3.0	1	08/06/2024 10:50	08/06/2024 21:45	J
Sodium	**86**	mg/L	3.2	0.80	1	08/06/2024 10:50	08/06/2024 21:45	J
METALS (SW-846 7470A)								
Mercury	**0.045 I**	ug/L	0.10	0.011	1	08/05/2024 09:05	08/05/2024 13:07	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	08/03/2024 12:18	08/03/2024 14:20	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
Benzene	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Lab ID: J2411253010 **Date Collected:** 08/01/2024 12:20 **Matrix:** Water
Sample ID: TW-8 **Date Received:** 08/01/2024 15:15

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloroethane	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	08/03/2024 12:18	08/03/2024 14:20	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	08/03/2024 12:18	08/03/2024 14:20	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Toluene	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	08/03/2024 12:18	08/03/2024 14:20	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	08/03/2024 12:18	08/03/2024 14:20	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	08/03/2024 12:18	08/03/2024 14:20	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	08/03/2024 12:18	08/03/2024 14:20	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	08/03/2024 12:18	08/03/2024 14:20	J
WET CHEMISTRY (EPA 300.0)								
Chloride	**38 I**	mg/L	80	20	10	08/02/2024 15:03	08/02/2024 15:03	J
Nitrate (as N)	2.0 U	mg/L	8.0	2.0	10	08/02/2024 15:03	08/02/2024 15:03	J
Sulfate	**240**	mg/L	80	20	10	08/02/2024 15:03	08/02/2024 15:03	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**4.8**	mg/L	0.20	0.087	5	08/12/2024 13:31	08/12/2024 13:31	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**1100**	mg/L	10	10	1	08/02/2024 16:49	08/02/2024 16:49	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 128	J
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J

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Workorder: 1503.01 (J2411253)

QC Results

QC Batch: CVAj/2525 **Analysis Method:** SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004, J2411253005, J2411253006, J2411253007, J2411253008, J2411253009, J2411253010

Method Blank(5419916)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.011 U	ug/L	0.10	0.011	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: ICPj/3748 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004, J2411253005, J2411253006, J2411253007, J2411253008, J2411253009, J2411253010

Method Blank(5421180)

Parameter	Results	Units	PQL	MDL	Lab
Aluminum	20 U	ug/L	80	20	J
Arsenic	8.0 U	ug/L	32	8.0	J
Cadmium	**4.6**	ug/L	2.0	0.50	J
Chromium	5.0 U	ug/L	20	5.0	J
Iron	200 U	ug/L	800	200	J
Sodium	0.80 U	mg/L	3.2	0.80	J
Lead	3.0 U	ug/L	12	3.0	J

QC Result Comments

Method Blank - 5421180 - Cadmium

V|Method Blank Contamination

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Workorder: 1503.01 (J2411253)

QC Results

QC Batch: MSVj/10337 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004, J2411253005, J2411253006, J2411253007

Method Blank(5420067)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	J
Chloromethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	J
Bromomethane	0.50 U	ug/L	2.0	0.50	J
Chloroethane	0.50 U	ug/L	2.0	0.50	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Chloroform	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	J
Benzene	0.25 U	ug/L	1.0	0.25	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	J
Bromoform	0.25 U	ug/L	1.0	0.25	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Batch: MSVj/10337 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004, J2411253005, J2411253006, J2411253007

Parameter	Results	Units	PQL	MDL	Lab
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	105	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	53	107	86 - 123	J
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J

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Phone: (904) 363-9350
Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: MSVj/10339
Preparation Method: SW-846 5030B
Associated Lab IDs: J2411253008, J2411253009, J2411253010
Analysis Method: SW-846 8260D

Method Blank(5420077)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	J
Chloromethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	J
Bromomethane	0.50 U	ug/L	2.0	0.50	J
Chloroethane	0.50 U	ug/L	2.0	0.50	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Chloroform	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	J
Benzene	0.25 U	ug/L	1.0	0.25	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	J
Bromoform	0.25 U	ug/L	1.0	0.25	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	J

Certificate of Analysis

NELAP Accredited E82574

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Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Batch: MSVj/10339
Preparation Method: SW-846 5030B
Associated Lab IDs: J2411253008, J2411253009, J2411253010
Analysis Method: SW-846 8260D

Parameter	Results	Units	PQL	MDL	Lab
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	J
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: WCAg/17461 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004

Method Blank(5431706)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: WCAg/17461 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004, J2411253005, J2411253008, J2411253009, J2411253010

Method Blank(5431711)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: WCAg/17461 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: J2411253005, J2411253008, J2411253009, J2411253010

Method Blank(5431716)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

Advanced Environmental Laboratories, Inc
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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: WCAg/17518
Preparation Method: EPA 350.1
Associated Lab IDs: J2411253006, J2411253007
Analysis Method: EPA 350.1

Method Blank(5435964)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

Method Blank(5435969)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: WCAj/15436 **Analysis Method:** EPA 300.0
Preparation Method: EPA 300.0
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004, J2411253005, J2411253006, J2411253007, J2411253008, J2411253009, J2411253010

Method Blank(5419466)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	2.0 U	mg/L	8.0	2.0	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	J
Sulfate	2.0 U	mg/L	8.0	2.0	J

Certificate of Analysis

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Results

QC Batch: WCAj/15437 **Analysis Method:** SM 2540 C
Preparation Method: SM 2540 C
Associated Lab IDs: J2411253001, J2411253002, J2411253003, J2411253004, J2411253005, J2411253006, J2411253007, J2411253008, J2411253009, J2411253010

Method Blank(5419565)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10 U	mg/L	10	10	J

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FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAj/2525 - SW-846 7470A			
J2411253001	MW-1R	DGMj/8741	SW-846 7470A
J2411253002	MW-6	DGMj/8741	SW-846 7470A
J2411253003	MW-2	DGMj/8741	SW-846 7470A
J2411253004	MW-5	DGMj/8741	SW-846 7470A
J2411253005	MW-7	DGMj/8741	SW-846 7470A
J2411253006	MW-8	DGMj/8741	SW-846 7470A
J2411253007	MW-3R	DGMj/8741	SW-846 7470A
J2411253008	CW-4	DGMj/8741	SW-846 7470A
J2411253009	MW-4	DGMj/8741	SW-846 7470A
J2411253010	TW-8	DGMj/8741	SW-846 7470A
ICPj/3748 - SW-846 6010			
J2411253001	MW-1R	DGMj/8750	SW-846 3010A
J2411253002	MW-6	DGMj/8750	SW-846 3010A
J2411253003	MW-2	DGMj/8750	SW-846 3010A
J2411253004	MW-5	DGMj/8750	SW-846 3010A
J2411253005	MW-7	DGMj/8750	SW-846 3010A
J2411253006	MW-8	DGMj/8750	SW-846 3010A
J2411253007	MW-3R	DGMj/8750	SW-846 3010A
J2411253008	CW-4	DGMj/8750	SW-846 3010A
J2411253009	MW-4	DGMj/8750	SW-846 3010A
J2411253010	TW-8	DGMj/8750	SW-846 3010A
MSVj/10337 - SW-846 8260D			
J2411253001	MW-1R	MSVj/10336	SW-846 5030B
J2411253002	MW-6	MSVj/10336	SW-846 5030B
J2411253003	MW-2	MSVj/10336	SW-846 5030B
J2411253004	MW-5	MSVj/10336	SW-846 5030B
J2411253005	MW-7	MSVj/10336	SW-846 5030B
J2411253006	MW-8	MSVj/10336	SW-846 5030B
J2411253007	MW-3R	MSVj/10336	SW-846 5030B
MSVj/10339 - SW-846 8260D			
J2411253008	CW-4	MSVj/10338	SW-846 5030B
J2411253009	MW-4	MSVj/10338	SW-846 5030B
J2411253010	TW-8	MSVj/10338	SW-846 5030B

Certificate of Analysis

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Fax: (904) 363-9354

FINAL - REVISION

Workorder: 1503.01 (J2411253)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/17461 - EPA 350.1			
J2411253001	MW-1R		
J2411253002	MW-6		
J2411253003	MW-2		
J2411253004	MW-5		
J2411253005	MW-7		
J2411253008	CW-4		
J2411253009	MW-4		
J2411253010	TW-8		
WCAg/17518 - EPA 350.1			
J2411253006	MW-8		
J2411253007	MW-3R		
WCAj/15436 - EPA 300.0			
J2411253001	MW-1R		
J2411253002	MW-6		
J2411253003	MW-2		
J2411253004	MW-5		
J2411253005	MW-7		
J2411253006	MW-8		
J2411253007	MW-3R		
J2411253008	CW-4		
J2411253009	MW-4		
J2411253010	TW-8		
WCAj/15437 - SM 2540 C			
J2411253001	MW-1R		
J2411253002	MW-6		
J2411253003	MW-2		
J2411253004	MW-5		
J2411253005	MW-7		
J2411253006	MW-8		
J2411253007	MW-3R		
J2411253008	CW-4		
J2411253009	MW-4		
J2411253010	TW-8		

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☑ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

* J 2 4 1 1 2 5 3 *

Client Name:	Dominion	Project Name:	1503.01
Address:	3776 Cathedral Oaks Place North	Project Number:	
	Jacksonville, FL 32217	PO Number:	
Phone:	904-716-1388	FDEP Facility No:	30010
FAX:		FDEP Facility Addr:	
Contact:	Paul Laymon		
Sampled By:	Paul Laymon	Special Instructions:	
Turn Around Time:	Standard X Rush		
AEL Profile #:	25009	ADaPT X EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	40 mL Vials	(2) 40 mL Vials	500 mL Plastic	250 m Plastic	250 m Plastic						LABORATORY I.D. NUMBER
							ANALYSIS REQUIRED	601/602 by 8260	601/602 by 8260	Al/Fe/Na/As/Cd/Cr/Pb/Hg	Chl/SO4/NO3/TDS	NH3						
							Preservation	HCL	Ice	HNO3	Ice	H2SO4						
							Field-Filtered?											
MW-1L		G	8/1/24	945	W	6		X	X	X	X	X						001
MW-6				1010														002
MW-2				1030														003
MW-5				1050														004
MW-7				1110														005
MW-8				1130 ~~1135~~														006
MW-~~8~~ 3R				1155														007
CW-4				1240														008
MW-4				1300														009
TW-8		G	8/1/24	1220	W	6		X	X	X	X	X						010

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temp. when received (observed) ____ °C Temp. when received (corrected) 1.9 °C

DCN: AD-D051web Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/1	1515	T Campbell	8-1-24	1515
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-1R	SAMPLE ID: MW-1R	DATE:

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 39.5	STATIC DEPTH TO WATER (ft): 17.03	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (39.5 – 17.0) X .16 = set in screen = 1.6

PURGE METHOD: peristaltic	PURGE INITIATED AT 930	PURGE ENDED AT: 945	TOTAL VOL. PURGED (gal): 3

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
940	2	2	.2	22	6.16	21.3	923	2.8	7	clr	none
942	.6	2.6	"	23	6.11	21.5	927	2.0	5	"	"
945	.4	3	"	23	"	"	927	1.7	4	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 945	SAMPLING ENDED AT: 950

FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
3	CG	40ml	HCl			601/602
1	PE	0.5 L	-			Cl, TDS, NH3, SO4
1	PE	0.25 L	H2SO4			NO3
1	PE	0.5 L	HNO3			Al, Fe, Na, As, Cd Cr, Pb, Hg

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-2	SAMPLE ID: MW-2	DATE: 8/1/24

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 26.5	STATIC DEPTH TO WATER (ft): 12.17	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (26.5 –) X .16 = tube in center of screen = 1.6 gallons

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1015	PURGE ENDED AT: 1030	TOTAL VOL. PURGED (gal):

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1025	2	2	.2	13	5.19	21.3	45	2.0	1	Clr	none
1028	.6	2.6	.2	13	4.74	21.1	44	1.6	1	"	"
1033	.4	3	.2	13	4.57	21.3	44	1.5	1	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1030	SAMPLING ENDED AT: 1035

FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
3	CG	40ml	HCl			601/602
1	PE	0.5 L	-			Cl, TDS, NH3, SO4
1	PE	0.25 L	H2SO4			NO3
1	PE	0.5 L	HNO3			Al, Fe, Na, As, Cd Cr, Pb, Hg

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D			SITE LOCATION: Gainesville, FL								
WELL NO: MW-3R			SAMPLE ID: MW-3R						DATE: 5/23/24		

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 36.5	STATIC DEPTH TO WATER (ft): 14.30	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (36.5-) X .16 = tube in center of screen = 1.6

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1140	PURGE ENDED AT: 1155	TOTAL VOL. PURGED (gal): 3

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1345	2	2	.2		6.44	23.0	1870	1.4	2	Clr	Sulfur
1349	.6	2.6	.2		6.56	22.9	1881	1.2	"	"	"
1350	.4	3	.2		6.60	23.0	1902	1.0	"	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1155	SAMPLING ENDED AT: 1205

FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD
3	CG	40ml	HCl			601/602
1	PE	0.5 L	-			Cl, TDS, NH3, SO4
1	PE	0.25 L	H2SO4			NO3
1	PE	0.5 L	HNO3			Al, Fe, Na, As, Cd Cr, Pb, Hg

REMARKS: DTW in MW-3 is ~~49.68~~ 13.93'

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-4	SAMPLE ID: MW-4	DATE: 8/1/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 21.2 feet to 36.2 feet	STATIC DEPTH TO WATER (feet): 9.35	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (36.2 feet – feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1245	PURGING ENDED AT: 1300	TOTAL VOLUME PURGED (gallons): 3

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)
1255	.7	7	.7	12	6.68	22.6	2157	2.3	1	clr	Sulfur
1258	.6	2.6	.2	13	6.64	"	2126	1.6	1	"	"
1300	.4	3	.2	13	6.65	22.5	2131	1.5	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: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1300	SAMPLING ENDED AT: 1305

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	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	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	0.5 L	-			TDS,SO4,Cl, N		
	1	PE	0.5 L	HNO3			Metals		
	3	CG	40 ml	HCL			601/602		

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: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: CW-4	SAMPLE ID: CW-4	DATE: 4/1/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 30 feet to 40 feet	STATIC DEPTH TO WATER (feet): 13.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (40 feet – 13.4 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 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): 35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1225	PURGING ENDED AT: 1240	TOTAL VOLUME PURGED (gallons): 3

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)
1235	2	2	.2	13	6.44	21.4	1933	2.6	3	clr	sulfur
1238	.4	2.4	.2	14	6.43	21.7	1929	1.9	3	"	"
1240	.4	3	.2	14	6.42	21.5	1926	1.4	3	"	"

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: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1240	SAMPLING ENDED AT: 1245
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	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)					
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)
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		

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)

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-5	SAMPLE ID: MW-5	DATE: 8/1/24

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 18.5	STATIC DEPTH TO WATER (ft): 5.77	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (18.58 – 5.77) X .16 = 2.0

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1035	PURGE ENDED AT: 1050	TOTAL VOL. PURGED (gal): 3

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1045	2	2	.2	8	4,78	22.8	76	1.4	2	Clear	None
1048	.6	2.6	.2	9	4,76	"	74	1.2	"	"	"
1050	.4	3	.2	9	4,78	22.9	74	1.1	"	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/tubing	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1055

FIELD DECONTAMINATION: Y N FIELD-FILTERED: Y N DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
3	CG	40ml	HCl			601/602
1	PE	0.5 L	-			Cl, TDS, NH3
1	PE	0.25 L	H2SO4			NO3
1	PE	0.5 L	HNO3			Al, Fe, Na, As, Cd Cr, Pb, Hg
1	PE	0.25 L	-			SO4

REMARKS:. Insufficient water to sample

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-6	SAMPLE ID: MW-6	DATE: 8/1/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 16.5 feet to 26.5 feet	STATIC DEPTH TO WATER (feet): 14.37	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (26.5 feet - 14.3 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 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): 21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21	PURGING INITIATED AT: 955	PURGING ENDED AT: 1010	TOTAL VOLUME PURGED (gallons): 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)
1005	2	2	.2	15	6.73	23.6	1431	3.9	3	clr	none
1008	1.6	3.6	.2	15	6.65	"	1434	2.2	3	"	"
1010	.4	4	.2	15	6.64	23.7	1433	1.4	"	"	"

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: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1010	SAMPLING ENDED AT: 1015

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	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	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		

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: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-7	SAMPLE ID: MW-7	DATE: 8/1/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 8.5 feet to 23.5 feet	STATIC DEPTH TO WATER (feet): 10.42	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.5 feet – 10.42 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 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): 18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1110	TOTAL VOLUME PURGED (gallons): 3

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)
1105	2	2	.2	11	6.63	22.7	2118	1.0	2	Clr	Sl/Hum
1108	1.6	3.6	.2	11	6.60	"	2137	0.8	"	"	"
1110	.9	3	.2	11	6.60	"	2142	0.8	"	"	"

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: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1115
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	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)					
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)
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		
			1119.84						

REMARKS: 8/13 12.59 8/14 10.62

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: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-8	SAMPLE ID: MW-8	DATE: 8/1/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 4 feet to 19 feet	STATIC DEPTH TO WATER (feet): 10.25	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (26.5 feet – 10.3 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 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): 21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21	PURGING INITIATED AT: 1220	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 3

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)
1230	.2	.2	.2	11	7.109	28.6	36.38	1.1	2	clr	sulfur
1233	.6	2.16	.2	11	6.99	29.1	36.42	1.0	"	"	"
1235	.4	3	.2	11	6.98	"	"	0.9	"	"	"

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: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1235	SAMPLING ENDED AT: 1240

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	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	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		

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)

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: TW-8	SAMPLE ID: TW-8	DATE: 8/1/24

PURGING DATA

WELL DIAMETER (in): 1	TOTAL WELL DEPTH (ft): 35.0	STATIC DEPTH TO WATER (ft): 9.58	WELL CAPACITY (gal/ft): 0.04

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (35.0-) X .04 = TUBE SET MID-SCREEN = 0.4

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1215	PURGE ENDED AT: 1220	TOTAL VOL. PURGED (gal): 1.5

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1215	1	1.	.1	10	6.77	23.7	1602	1.2	3	Clr	sulfur
1218	.3	1.3	.1	11	.		"		2	-	"
1220	.2	1.5	.1	11	6.66	22.3	1585	.4	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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1220	SAMPLING ENDED AT: 1225
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
1	PE	0.25 L	HNO3			Fe, Na
1	PE	0.25 L				SO4, TDS

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

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