# $\mathbf{4}^{TH}$ 2024 QUARTER-ANNUAL WATER QUALITY MONITORING REPORT

# SOUTHEAST LANDHOLDINGS, INCORPORATED C&D FACILITY GAINESVILLE, FLORIDA

February 3, 2025



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# SOUTHEAST LANDHOLDINGS, INCORPORATED C&D FACILITY GAINESVILLE, FLORIDA

February 3, 2025

performed for:

Florence C&D 3003 SE 15<sup>th</sup> Street Gainesville, Florida 32641-1414

performed by:

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

02/03/25

Paul D. Laymon, P.G. #1291

wat and

1503014-24GWMR.wpd



## INTRODUCTION

The following is a Report of the Water Quality Monitoring event for the 4<sup>th</sup> 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 70754-011-SO, for the referenced site.

#### FIELD ACTIVITIES

On November 20, 2024, sampling personnel mobilized to the site to conduct groundwater monitoring activities. This event was conducted within a day of the installation of the new monitor wells and piezometer: CW-4A, CW-8, P-12, MW-13, MW-14, and CW-15. Therefore groundwater levels were not collected during this event. A full round of water levels was collected on December 31, 2024 when the top of casing elevation survey of the new wells was conducted. On that day, groundwater levels were collected at MW-1R, MW-2, MW-3, MW-3R, MW-4, CW-4, CW-4A, MW-5, MW-6, MW-7, MW-8, CW-8, MW-13, MW-14, and CW-15; as well as the temporary and assessment wells: TW-7, TW-8, and TW-11; and the off-site piezometers: P-12, P-13, and P-14. The December water level event occurred following a heavy rain, during a period of seasonably lower than normal rainfall amounts. Nonetheless, the stormwater ponds on the west and southwest side were retaining water. Utilizing approximate elevations of this water, based on identified elevations of pond bottoms and pond banks, the groundwater/surface water interaction in these areas is interpolated.

The current permit also called for the installation of three monitor wells screened in the upper Floridan Aquifer, which is expected to be at a depth range of 75-100 feet below land surface (bls). These are identified as MW-7D, CW-4D, and CW-15D, nested with the more shallow wells at the these three locations. However, these deeper wells will require drilling equipment that was not available through the drilling company that was used to install the wells listed above. Currently Environmental Drilling Service has been contracted to begin the installation of the three Floridan Aquifer wells, beginning in the middle of March 2025.



## **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, CW-8, MW-13, MW-14, P-12, P-13, and P-14 are screened in the unconsolidated sands, whereas MW-1R, MW-3R, CW-4, CW-4A, MW-4, TW-7, TW-8, TW-11, and CW-15 are screened into the shallow rock zone beneath the unconsolidated sands. Although P-12 was designed as a 15-18 foot deep piezometer, the drill rig was met with refusal at the three locations where attempted and the piezometer was set at nine feet bls. Unfortunately, unless its groundwater elevation is above 114.8 ft, this piezometer can only be read as a "less than" water level data point.

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/southwest and into the western stormwater pond. It is also identified that offsite areas to the north/northwest and west/northwest discharge into this pond. While retaining water, groundwater discharge from the unconsolidated zone in this area is likely via evapotranspiration through the permitted stormwater area.

As previously established, although installed in and is monitoring the shallow rock zone, the background well, MW-1R is hydraulically disconnected from the zone being monitored downgradient of the landfill. In spite of and because of this, it can be considered an effective background water quality monitoring location.

# **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**

All groundwater samples from previously existing monitor wells were analyzed for the constituents on the Quarterly Groundwater Sampling Parameters list in Appendix 3.2 of the referenced permit. The new monitor wells: CW-8, MW-13, MW-14, and CW-15 were analyzed for the listed parameters to establish initial background water quality, as identified in Rule 62-701.510(5)(b) and 62-701.730(8)(d), FAC. Although CW-4A is a newly installed monitor well, its location is approximately 15 ft from TW-8 and was installed to replace the 1" diameter assessment piezometer with a properly filter-packed 2" diameter monitor well. Therefore, its sample was analyzed for the Appendix 3.2 list. The laboratory analytical reports are provided in Attachment A. Table 2 summarizes concentrations of analytical parameters that were detected in the groundwater samples during this monitoring period. The CTL for each of these analytes, from Table I of 62-777, FAC, is listed below the analyte in Table 2.

As shown in Table 2, aluminum, arsenic, iron, sodium, and TDS were detected above their respective cleanup target levels (CTL). As well, prior to resampling, the sample from CW-15 had chromium, lead, thallium, and vanadium concentrations above their CTLs, as well as high concentrations of aluminum and iron. Further details of these results are discussed below.

The aluminum CTL of 0.2 milligrams per liter (mg/l) was exceeded in the samples from MW-8, CW-8, MW-13, MW-14, CW-15, and the background well, with the highest concentration in the CW-15 sample at 150 mg/l. As previously stated, this was a new well that was not effectively developed and the sample was very cloudy. After further development and resampling on December 31, 2024, the aluminum concentration in this well dropped to 0.097 mg/l. Otherwise, the highest concentration was 6.6 mg/l in the MW-14 sample; which was also a new well that was not yet fully developed.

The iron CTL was exceeded in the samples from MW-3R, CW-4, CW-4A, (CW-16 in the lab report), MW-4, MW-6, MW-7, CW-8, CW-15, and the background well, with the highest concentration in the CW-15 sample at 24 mg/l. After further development and resampling, the iron concentration in CW-15 was no longer detectable. Otherwise, the highest iron concentrations were in the sample from MW-7 and the background well at 14.0 and 7.4 mg/l, respectively.



Sulfate, which has a CTL of 250 mg/l was not exceeded in any sample during this monitoring event. Its highest concentration was in the sample from CW-4A, (CW-16 in the lab report) at 220 mg/l. The CTL for TDS of 500 mg/l was exceeded in all of the shallow rock well samples, except CW-15. It was also exceeded in the samples from MW-6, MW-7, MW-8, and CW-8. Its highest concentration of 1400 mg/l was in the sample from MW-7.

Arsenic was elevated above its CTL of 0.01 mg/l in the original samples from MW-4 and MW-5. These wells were resampled on 12/31/24 for arsenic analysis. As shown on Table 2 and the lab report in Attachment A, arsenic was not detected in either sample. Sodium, which has a CTL of 160 mg/l was not exceeded in any sample during this monitoring event. Its highest concentration was in the samples from MW-4 and CW-4; both at 120 mg/l.

In the original sample from CW-15, chromium, lead, thallium, and vanadium were detected above their CTLs. As with aluminum and iron, after further development and resampling, these metals were either not detectable or were at least well below the CTL.

# 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, MW-6, MW-13, and MW-14 are interpreted as upgradient of the permitted landfill. Although downgradient of the landfill, MW-8 is also downgradient of the property to the north. The compliance well, CW-8 was installed due to past arsenic detections in MW-8. During this event, arsenic was not detected in either monitor well sample.

Adjustments to the monitoring plan should include:

Monitoring of the temporary well TW-8 should be discontinued and replaced with the compliance well 15 feet to its southeast, CW-4A.

Otherwise, groundwater monitoring should continue, as permitted.



Table 1. Groundwater Level Data (December 31, 2024)

Well Name	<b>Reference Point</b>	Screen Interval	Depth to Water	Groundwater
	Elevation			Elevation
MW-1R	118.16	79.2-89.2	15.78	102.38
MW-2	121.34	94.3-104.3	10.26	111.08
MW-3	119.94	92-102	12.28	107.66
MW-3R	119.51	83-93	12.28	107.23
MW-4	115.52	79.5-94.5	7.28	108.24
CW-4	119.57	79.6-89.6	11.29	108.28
CW-4A	116.01	82-92	7.76	108.25
MW-5	114.62	96.1-106.1	3.62	111.00
MW-6	123.99	100.6-115.6	12.53	111.46
MW-7	118.10	94.4-109.4	9.06	109.04
MW-8	117.02	98.0-108.0	8.16	108.86
CW-8	115.43	96.4-106.4	6.59	108.84
TW-7	118.37	83.4-88.4	10.09	108.28
TW-8	115.86	80.9-85.9	7.55	108.31
TW-11	121.10	83-93	14.02	107.08
MW-13	~116.5	96.5-106.5	8.14*	108.36
MW-14	123.42	100.4-110.4	10.32	113.10
CW-15	116.94	85.9-95.9	10.45	106.49
P-12	124.51	114.5-123	>9.73	114.78
P-13	119.88	93.2-103.2	11.66	108.22
P-14	117.90	91.7-101.7	9.02	108.88

Measurements are in ft; elevations are in reference to NGVD



<sup>\*</sup> pond water 20 ft to the east was >10 ft below riser

**Table 2.** Analytical Summary (November 20, 2024)

Well #	Al	As	Fe	Na	NH <sub>3</sub>	Cl	SO <sub>4</sub>	TDS
vv en #	0.2 2	0.011	0.3 2	160 <sup>1</sup>		250 <sup>2</sup>	250 <sup>2</sup>	500 <sup>2</sup>
MW-1R	0.29	0.008u	7.40	17	0.16	13i	10u	520
MW-2	0.092	0.008u	0.20u	3.9	0.019i	4.3i	5.2i	29
MW-3R	0.05i	0.008u	5.00	57	16	200u	220i	1300
CW-4	0.02u	0.008u	2.60	120	13	37i	190	1100
CW-4A <sup>3</sup>	0.096	0.008U	1.10	87	4.5	31i	220	980
MW-4	0.02u	0.015i	2.90	120	17	200u	200u	1200
12/31/24		0.008u						
MW-5	0.059i	0.014i	0.22i	4.6	0.6	5.5i	6.4i	42
12/31/24	0.0371	0.008u						
MW-6	0.09	0.008u	1.20	14	3.6	20u	20u	910
MW-7	0.020u	0.0089i	14.0	96	9.9	200u	200u	1400
MW-8	0.44	0.008u	0.20u	56	13	14i	100u	660
$CW-8^4$	3.8	0.008u	1.7	84	16	31i	-	820
MW-13	1.3	0.0093i	0.27i	23	0.34	9.6	-	230
MW-14 <sup>5</sup>	6.6	0.008u	0.22i	3.8	0.017u	3.8i	-	59
CW-15 <sup>6</sup>	150	0.0086i	24	22	0.017u	20	-	390
12/31/24 <sup>7</sup>	0.097	-	0.2u	-	-	-	-	-

all concentrations in mg/l

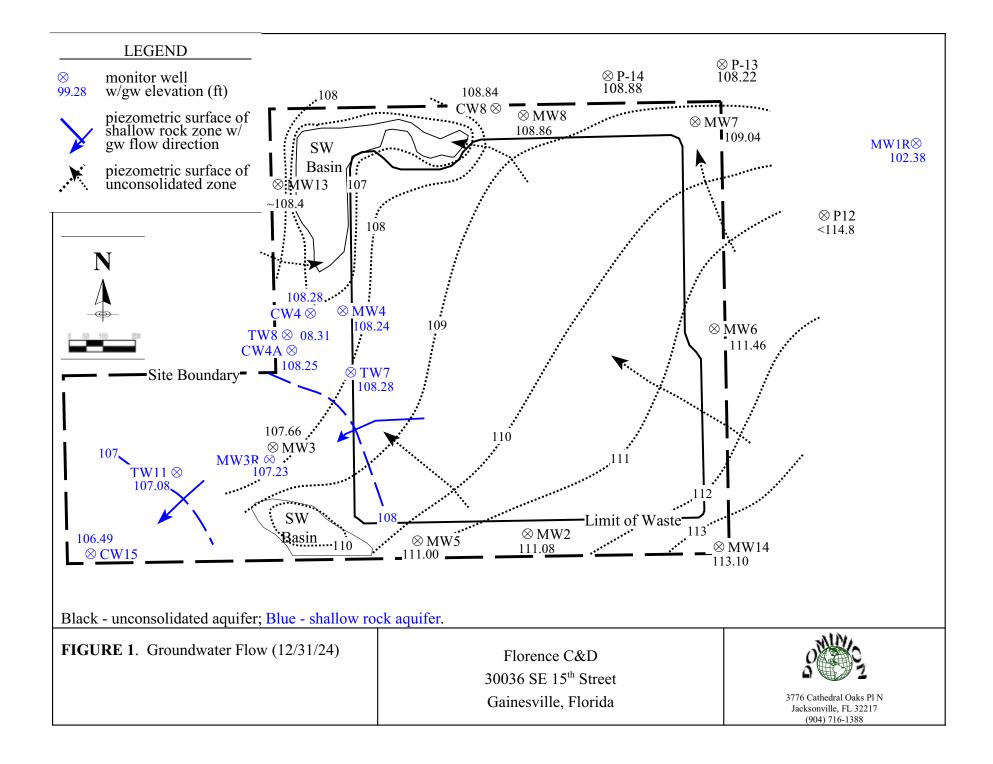
NA not analyzed for this constituent

u below MDL i below PQL

bold above applicable CTL

- Primary Drinking Water Standard
  Secondary Drinking Water Standard
- 3 improperly identified in sampling and lab report as CW-16
- 4 Barium = 0.13 mg/l; Cobalt = 0.019 mg/l; Vanadium = 0.013 mg/l
- 5 Di-n-Butyl Phthalate =  $11 \mu g/l$
- Barium = 0.21 mg/l; Chromium = **0.12** mg/l; Cobalt = 0.038 mg/l; Copper = 0.073 mg/l; Lead = **0.081** mg/l; Thallium = **2.5**  $\mu$ g/l Vanadium = **0.39** mg/l; acetone = 4.7  $\mu$ g/l
- 7 Chromium = 0.005u mg/l; Lead = 0.0039i mg/l; Thallium = 0.01u  $\mu$ g/l; Vanadium = 0.0071i mg/l





# 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 (J2417354)

December 16, 2024

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

RE: Workorder: J2417354 1503.01

Dear Paul Laymon:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday November 21, 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.

Gunsaulies

Sincerely,

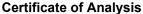
Paul Gunsaulies PGunsaulies@aellab.com

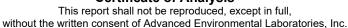
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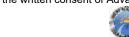
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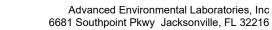












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Phone: (904) 363-9350 Fax: (904) 363-9354



# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Sample Summary**

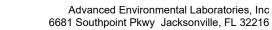
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J2417354001	MW-1R	WA	SM 2540 C	11/20/2024 09:00	11/21/2024 09:50	1	NA
J2417354001	MW-1R	WA	SW-846 6010	11/20/2024 09:00	11/21/2024 09:50	7	NA
J2417354001	MW-1R	WA	SW-846 7470A	11/20/2024 09:00	11/21/2024 09:50	1	NA
J2417354001	MW-1R	WA	SW-846 8260D	11/20/2024 09:00	11/21/2024 09:50	35	NA
J2417354002	MW-6	WA	EPA 300.0	11/20/2024 10:00	11/21/2024 09:50	3	NA
J2417354002	MW-6	WA	EPA 350.1	11/20/2024 10:00	11/21/2024 09:50	1	NA
J2417354002	MW-6	WA	SM 2540 C	11/20/2024 10:00	11/21/2024 09:50	1	NA
J2417354002	MW-6	WA	SW-846 6010	11/20/2024 10:00	11/21/2024 09:50	7	NA
J2417354002	MW-6	WA	SW-846 7470A	11/20/2024 10:00	11/21/2024 09:50	1	NA
J2417354002	MW-6	WA	SW-846 8260D	11/20/2024 10:00	11/21/2024 09:50	35	NA
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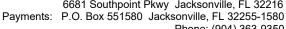
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**Certificate of Analysis** 











# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Sample Summary**

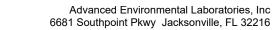
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J2417354008	CW-16	WA	EPA 300.0	11/20/2024 16:30	11/21/2024 09:50	3	NA
J2417354008	CW-16	WA	EPA 350.1	11/20/2024 16:30	11/21/2024 09:50	1	NA
J2417354008	CW-16	WA	SM 2540 C	11/20/2024 16:30	11/21/2024 09:50	1	NA
J2417354008	CW-16	WA	SW-846 6010	11/20/2024 16:30	11/21/2024 09:50	7	NA
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J2417354009	CW-4	WA	EPA 300.0	11/20/2024 16:50	11/21/2024 09:50	3	NA
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J2417354010	MW-4	WA	EPA 300.0	11/20/2024 17:05	11/21/2024 09:50	3	NA
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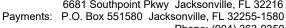
Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 3 of 115

Certificate of Analysis











# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Sample Summary**

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2417354011	MW-14	WA	SW-846 8260D (SIM)	11/20/2024 13:00	11/21/2024 09:50	2	NA
J2417354011	MW-14	WA	SW-846 8270C	11/20/2024 13:00	11/21/2024 09:50	119	NA
J2417354012	CW-8	WA	EPA 300.0	11/20/2024 13:40	11/21/2024 09:50	2	NA
J2417354012	CW-8	WA	EPA 350.1	11/20/2024 13:40	11/21/2024 09:50	1	NA
J2417354012	CW-8	WA	SM 2540 C	11/20/2024 13:40	11/21/2024 09:50	1	NA
J2417354012	CW-8	WA	SW-846 6010	11/20/2024 13:40	11/21/2024 09:50	17	NA
J2417354012	CW-8	WA	SW-846 6020	11/20/2024 13:40	11/21/2024 09:50	2	NA
J2417354012	CW-8	WA	SW-846 8260D	11/20/2024 13:40	11/21/2024 09:50	61	NA
J2417354012	CW-8	WA	SW-846 8260D (SIM)	11/20/2024 13:40	11/21/2024 09:50	2	NA
J2417354013	CW-15	WA	EPA 300.0	11/20/2024 15:15	11/21/2024 09:50	2	NA
J2417354013	CW-15	WA	EPA 350.1	11/20/2024 15:15	11/21/2024 09:50	1	NA
J2417354013	CW-15	WA	EPA 8081	11/20/2024 15:15	11/21/2024 09:50	19	NA
J2417354013	CW-15	WA	EPA 8141	11/20/2024 15:15	11/21/2024 09:50	22	NA
J2417354013	CW-15	WA	EPA 8151	11/20/2024 15:15	11/21/2024 09:50	9	NA
J2417354013	CW-15	WA	SM 2540 C	11/20/2024 15:15	11/21/2024 09:50	1	NA
J2417354013	CW-15	WA	SW-846 6010	11/20/2024 15:15	11/21/2024 09:50	17	NA
J2417354013	CW-15	WA	SW-846 6020	11/20/2024 15:15	11/21/2024 09:50	2	NA
J2417354013	CW-15	WA	SW-846 8082A	11/20/2024 15:15	11/21/2024 09:50	7	NA
J2417354013	CW-15	WA	SW-846 8260D	11/20/2024 15:15	11/21/2024 09:50	61	NA
J2417354013	CW-15	WA	SW-846 8260D (SIM)	11/20/2024 15:15	11/21/2024 09:50	2	NA
J2417354013	CW-15	WA	SW-846 8270C	11/20/2024 15:15	11/21/2024 09:50	119	NA
J2417354014	MW-13	WA	EPA 300.0	11/20/2024 16:00	11/21/2024 09:50	2	NA
J2417354014	MW-13	WA	EPA 350.1	11/20/2024 16:00	11/21/2024 09:50	1	NA
J2417354014	MW-13	WA	EPA 8081	11/20/2024 16:00	11/21/2024 09:50	19	NA
J2417354014	MW-13	WA	EPA 8141	11/20/2024 16:00	11/21/2024 09:50	22	NA
J2417354014	MW-13	WA	EPA 8151	11/20/2024 16:00	11/21/2024 09:50	9	NA
J2417354014	MW-13	WA	SM 2540 C	11/20/2024 16:00	11/21/2024 09:50	1	NA
J2417354014	MW-13	WA	SW-846 6010	11/20/2024 16:00	11/21/2024 09:50	17	NA
J2417354014	MW-13	WA	SW-846 6020	11/20/2024 16:00	11/21/2024 09:50	2	NA
J2417354014	MW-13	WA	SW-846 8082A	11/20/2024 16:00	11/21/2024 09:50	7	NA
J2417354014	MW-13	WA	SW-846 8260D	11/20/2024 16:00	11/21/2024 09:50	61	NA
J2417354014	MW-13	WA	SW-846 8260D (SIM)	11/20/2024 16:00	11/21/2024 09:50	2	NA
J2417354014	MW-13	WA	SW-846 8270C	11/20/2024 16:00	11/21/2024 09:50	119	NA

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**FINAL - REVISION** 

Workorder: 1503.01 (J2417354)

# **Workorder Summary**

#### **Batch Comments**

#### GCSj/7241 - 8081/8082/608 Analysis, Water

The upper control criterion was exceeded for the following surrogates in the Method Blank (5586800MB): Decachlorobiphenyl. Target analytes associated with the surrogate in question were not detected in the samples. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected. No further corrective action was required.

The upper control criterion was exceeded for gamma-Chlordane in Continuing Calibration Verification (CCV) standards for analytical batch GCSj: 7241, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

#### GCSj/7242 - 8081/8082/608 Analysis, Water

The upper control criterion was exceeded for the following surrogates in the Method Blank (8960419MB) and Laboratory Contro Sample (8960421LCS): Decachlorobiphenyl. Target analytes associated with the surrogate in question were not detected in the samples. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected. No further corrective action was required.

#### MSVj/11306 - 8260D Analysis, Water

The spike recovery of 2-Chloroethyl Vinyl Ether for the Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) was outside the upper control criterion. The analyte in question was not detected in the associated client samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was required.

The upper control criterion was exceeded for 2-Chloroethyl Vinyl Ether in the Continuing Calibration Verification (CCV) standard for analytical batch 11306, indicating increased sensitivity. The client samples reported in this batch did not contain the analyte in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

The Continuing Calibration Verification (CCV) standard was below the method acceptance of 80-120% for Bromomethane and Vinyl Acetate for samples J2417354011 through -014. 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.





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Workorder: 1503.01 (J2417354)

# **Workorder Summary**

#### **Batch Comments**

#### WCAg/19081 - Ammonia,E350.1,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample J2417302004 for NH3 were (118%, 119%). 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 J2417354011 for NH3 were (117%, 114%). 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 G2411718004 for NH3 were (184%, 175%). 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 G2411813001 for NH3 were (132%, 130%). 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 G2411871002 for NH3 were (124%, 124%). 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 G2411871001 for NH3 were (136%, 134%). 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 J2417488001 for NH3 were (155%, 154%). 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 G2411739002 for NH3 were (61%, 58%). 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 control criteria for matrix spike recoveries of NH3 for J2417144012 are not applicable. The analyte concentration in the sample was greater than 10 times the added spike concentrations, preventing accurate evaluation of the spike recovery. No further corrective action was required.

The control criteria for matrix spike recoveries of NH3 for J2417300009 are not applicable. The analyte concentration in the sample was greater than 10 times the added spike concentrations, preventing accurate evaluation of the spike recovery. No further corrective action was required.

The control criteria for matrix spike recoveries of NH3 for J2417354007 are not applicable. The analyte concentration in the sample was greater than 10 times the added spike concentrations, preventing accurate evaluation of the spike recovery. No further corrective action was required.

## **Task Comments**

#### J2417354001 (MW-1R) - WCAj/16863 - IC,E300.0,Water

J2417354001 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

## J2417354002 (MW-6) - WCAj/16864 - IC,E300.0,Water

J2417354002 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

#### J2417354004 (MW-5) - MSVj/11306 - 8260D Analysis, Water

The matrix spike (MS) recoveries of multiple analytes for J2417354004 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.

### J2417354005 (MW-7) - WCAj/16867 - IC,E300.0,Water

J2417354005 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

The analysis of J2417354005 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time violation.

#### J2417354006 (MW-8) - WCAj/16908 - IC,E300.0,Water

J2417354006 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Workorder Summary**

#### **Task Comments**

#### J2417354007 (MW-3R) - WCAi/16864 - IC,E300.0,Water

J2417354007 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

#### J2417354008 (CW-16) - WCAj/16864 - IC,E300.0,Water

J2417354008 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

#### J2417354009 (CW-4) - WCAj/16864 - IC,E300.0,Water

J2417354009 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

#### J2417354010 (MW-4) - WCAj/16864 - IC,E300.0,Water

J2417354010 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

#### J2417354011 (MW-14) - MSSj/4444 - 8270/625 Analysis, Water

The control criteria for Phenol-d6 in J2417354011 are not applicable. As recorded in the extraction logbook, the samples formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect surrogate yields. The affected surrogates were qualified to indicate matrix interference.

#### J2417354011 (MW-14) - GCSj/7242 - 8081/8082/608 Analysis, Water

The matrix spike (MS) and matrix spike duplicate recoveries (MSD) of Aroclor 1016 for J2417354011 were outside control criteria because of matrix interference. The chromatogram indicated the presence of non-target background components that prevented adequate resolution of the target analytes. As a result, accurate quantitation was not possible. The results are qualified to indicate matrix interference.

#### J2417354012 (CW-8) - WCAj/16908 - IC,E300.0,Water

J2417354012 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

## J2417354014 (MW-13) - MSSj/4444 - 8270/625 Analysis, Water

The control criteria for2-Fluorophenol and Phenol-d6 in J2417354014 are not applicable. As recorded in the extraction logbook, the samples formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect surrogate yields. The affected surrogates were qualified to indicate matrix interference.

#### **Analysis Results Comments**

#### J2417354004 (MW-5) - Nitrate (as N)

The analysis of J2417354004 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time violation.

Q|Missed Hold Time

#### J2417354005 (MW-7) - Nitrate (as N)

Q|Missed Hold Time

#### J2417354006 (MW-8) - Nitrate (as N)

#### Q|Missed Hold Time

The analysis of J2417354006 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time violation.

#### J2417354007 (MW-3R) - Nitrate (as N)

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#### QlMissed Hold Time

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The analysis of J2417354007 was initially performed past the recommended holding time for Nitrate. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time violation.

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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Workorder Summary**

# **Analysis Results Comments**

# J2417354008 (CW-16) - Nitrate (as N)

Q|Missed Hold Time

The analysis of J2417354008 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time

## J2417354009 (CW-4) - Nitrate (as N)

The analysis of J2417354009 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time

**QIMissed Hold Time** 

#### J2417354010 (MW-4) - Nitrate (as N)

#### **QIMissed Hold Time**

The analysis of J2417354010 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time

#### J2417354011 (MW-14) - Nitrate (as N)

#### Q|Missed Hold Time

The analysis of J2417354011 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time violation.

## J2417354011 (MW-14) - Phenol-d6

J4|Estimated Result

## J2417354012 (CW-8) - Nitrate (as N)

#### QlMissed Hold Time

The analysis of J2417354012 was initially performed past the recommended holding time. An internal laboratory failure occurred which resulted in the missed holding time. Efforts were made to analyze the sample as soon as the error was identified. The data is qualified to indicate the holding time violation

#### J2417354013 (CW-15) - Nitrate (as N)

J2417354013 was analyzed at dilution due to high conductivity. The lowest possible dilution was performed to prevent damage to the instrument.

# J2417354014 (MW-13) - 2-Fluorophenol

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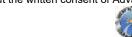
J4|Estimated Result

## J2417354014 (MW-13) - Phenol-d6

J4|Estimated Result

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Workorder: 1503.01 (J2417354)

# **Analytical Results Qualifiers**

## **Parameter Qualifiers**

U The compound was analyzed for but not detected.

The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Q Missed Hold Time

# **Lab Qualifiers**

G DOH Certification #E82001 (FL NELAC) AEL-Gainesville DOH Certification #E82574 (FL NELAC) AEL-Jacksonville

DOD-ELAP Certification #L23-514 (ISO/IEC 17025:2017) AEL-Jacksonville







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# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analy</b>	tical	Resul	ts
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<b>Lab ID:</b> J2417354001 <b>Sample ID:</b> MW-1R		Date Colle Date Rece		11/20/2024 09:00 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQI	_ MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-84	16 6010)							
Aluminum	0.29	mg/L	0.08	0.020	1	12/06/2024 11:27	12/11/2024 19:32	J
Arsenic	8.0 U	ug/L	32	8.0	1	12/06/2024 11:27	12/10/2024 15:43	J
Sodium	17	mg/L	3.2	0.80	1	12/06/2024 11:27	12/10/2024 15:43	J
VOLATILES (SW-846 5030B/SV	V-846 8260D)							
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 19:28	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
Benzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 19:28	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J

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Workorder: 1503.01 (J2417354)

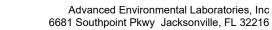
	2417354001 W-1R		Date Collect Date Recei		11/20/2024 09:00 11/21/2024 09:50		Matrix: Water		
Parameter		Results	Units	PQ	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene		0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Methyl tert-butyl E	Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Methylene Chloric	de	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 19:28	J
Tetrachloroethyle	ene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Toluene		0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Trichloroethene		0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Trichlorofluorome	ethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
Vinyl Chloride		0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:28	J
Xylene (Total)		0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 19:28	J
cis-1,2-Dichloroet	thylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
cis-1,3-Dichloropi	ropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 19:28	J
trans-1,2-Dichloro	oethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:28	J
trans-1,3-Dichloro	opropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 19:28	J
WET CHEMISTR	RY (EPA 300.0)								
Chloride		13 I	mg/L	40	10	5	11/22/2024 02:45	11/22/2024 02:45	J
Nitrate (as N)		1.0 U	mg/L	4.0	1.0	5	11/22/2024 02:45	11/22/2024 02:45	J
Sulfate		10 U	mg/L	40	10	5	11/22/2024 02:45	11/22/2024 02:45	J
WET CHEMISTR	RY (EPA 350.1)								
Ammonia (N)		0.16	mg/L	0.0	0.017	1	12/05/2024 11:38	12/05/2024 11:38	G
WET CHEMISTR	RY (SM 2540 C)								
Total Dissolved S	Solids	520	mg/L	10	10	1	11/26/2024 20:10	11/26/2024 20:10	J
WET CHEMISTR	Y (SW-846 3010A/S	W-846 6010	)						
Cadmium		0.50 U	ug/L	2.0	0.50	1	12/06/2024 11:27	12/10/2024 15:43	J
Chromium		5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 15:43	J
Iron		7400	ug/L	800	200	1	12/06/2024 11:27	12/10/2024 15:43	J
Lead		3.0 U	ug/L	12	3.0	1	12/06/2024 11:27	12/10/2024 15:43	J
WET CHEMISTR	RY (SW-846 7470A)								
Mercury		0.011 U	ug/L	0.1	0.011	1	11/27/2024 08:55	11/27/2024 14:06	J

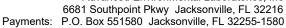
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**Certificate of Analysis** 











# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	105	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	J







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# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analy</b>	tical	Pagi	ilte
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<b>Lab ID</b> : J2417354002		Date Collect	ted:	11/20/2024 10:00		Matrix:	Water		
Sample ID: MW-6		Date Receiv	/ed:	11/21/2024 09:50					
Parameter	Results	Units	PQ	L MDL	DF	Prepared		Analyzed	Lab
METALS (SW-846 3010A/SW-846	•	,				10/00/0004		10/11/1000 / 10 00	
Aluminum	0.090	mg/L	0.08			12/06/2024		12/11/2024 19:36	J
Arsenic	8.0 U	ug/L	32	8.0	1	12/06/2024	11:27	12/10/2024 15:48	J
Sodium	14	mg/L	3.2	0.80	1	12/06/2024	11:27	12/10/2024 15:48	J
VOLATILES (SW-846 5030B/SW-8	346 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	11/25/2024	13:01	11/25/2024 19:52	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
Benzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024	13:01	11/25/2024 19:52	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	11/25/2024	13:01	11/25/2024 19:52	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024	13:01	11/25/2024 19:52	J

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Workorder: 1503.01 (J2417354)

Analytic	al Results	
Lab ID:	J2417354002	Date Collected:

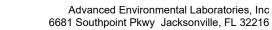
Lab ID: J2417354002 Sample ID: MW-6		Date Collecte Date Receive		11/20/2024 10:00 11/21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:52	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:52	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 19:52	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:52	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:52	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:52	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:52	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 19:52	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 19:52	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:52	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 19:52	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 19:52	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 19:52	J
WET CHEMISTRY (EPA 300.0)								
Chloride	20 U	mg/L	80	20	10	11/22/2024 08:14	11/22/2024 08:14	J
Nitrate (as N)	2.0 U	mg/L	8.0	2.0	10	11/22/2024 08:14	11/22/2024 08:14	J
Sulfate	20 U	mg/L	80	20	10	11/22/2024 08:14	11/22/2024 08:14	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	3.6	mg/L	0.2	0.087	5	12/05/2024 15:08	12/05/2024 15:08	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	910	mg/L	10	10	1	11/26/2024 19:38	11/26/2024 19:38	J
WET CHEMISTRY (SW-846 3010A/S								
Cadmium	0.50 U	ug/L	2.0		1	12/06/2024 11:27	12/10/2024 15:48	J
Chromium	5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 15:48	J
Iron	1200	ug/L	800	200	1	12/06/2024 11:27	12/10/2024 15:48	J
Lead	3.0 U	ug/L	12	3.0	1	12/06/2024 11:27	12/10/2024 15:48	J
WET CHEMISTRY (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.1	0.011	1	11/27/2024 08:55	11/27/2024 14:09	J

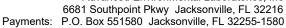
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# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	105	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	J







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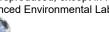
Workorder: 1503.01 (J2417354)

Analy	ytical	Results
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<b>Lab ID:</b> J2417354003 <b>Sample ID:</b> MW-2		Date Collec Date Recei		11/20/202 11/21/202			Matrix: Wat	er	
Parameter	Results	Units	PQ	lL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6	•								
Aluminum	0.092	mg/L	0.0	80	0.020	1	12/06/2024 11:27	12/11/2024 19:41	J
Arsenic	8.0 U	ug/L	32		8.0	1	12/06/2024 11:27	12/10/2024 15:52	J
Sodium	3.9	mg/L	3.2		0.80	1	12/06/2024 11:27	12/10/2024 15:52	J
VOLATILES (SW-846 5030B/SW-84	6 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 20:16	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
1,1-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
1,2-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
1,2-Dichloropropane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
Benzene	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Bromodichloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Bromoform	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Bromomethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
Carbon Tetrachloride	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Chlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
Chloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
Chloroform	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
Chloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Dibromochloromethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 20:16	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 20:16	J

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Workorder: 1503.01 (J2417354)

Analytica	al Results		
Lab ID:	J2417354003	Date Collected:	11/20/2024 10:25
Sample ID:	MW-2	Date Received:	11/21/2024 09:50

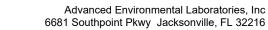
<b>Lab ID:</b> J2417354003 <b>Sample ID:</b> MW-2		Date Collecte Date Receive				Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 20:16	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:16	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 20:16	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 20:16	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 20:16	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 20:16	J
WET CHEMISTRY (EPA 300.0)								
Chloride	4.3 I	mg/L	8.0	2.0	1	11/22/2024 10:11	11/22/2024 10:11	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	1	11/22/2024 10:11	11/22/2024 10:11	J
Sulfate	5.2 I	mg/L	8.0	2.0	1	11/22/2024 10:11	11/22/2024 10:11	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.019 I	mg/L	0.040	0.017	1	12/05/2024 15:09	12/05/2024 15:09	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	29	mg/L	10	10	1	11/26/2024 19:38	11/26/2024 19:38	J
WET CHEMISTRY (SW-846 3010A/S	SW-846 6010	)						
Cadmium	0.50 U	ug/L	2.0	0.50	1	12/06/2024 11:27	12/10/2024 15:52	J
Chromium	5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 15:52	J
Iron	200 U	ug/L	800	200	1	12/06/2024 11:27	12/10/2024 15:52	J
Lead	3.0 U	ug/L	12	3.0	1	12/06/2024 11:27	12/10/2024 15:52	J
WET CHEMISTRY (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	11/27/2024 08:55	11/27/2024 14:18	J

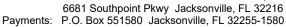
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# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
Toluene-d8 (S)	ug/L	50	52	104	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	J







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# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Lab ID:</b> J2417354004 <b>Sample ID:</b> MW-5		Date Collect Date Recei		11/20/2024 10:45 11/21/2024 09:50			<b>Matrix:</b> Water		
Parameter	Results	Units	PQ	L M	IDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846	6010)								
Aluminum	0.059 I	mg/L	0.0	80 0.	.020	1	12/06/2024 11:27	12/11/2024 19:45	J
Arsenic	14 I	ug/L	32	8.	.0	1	12/06/2024 11:27	12/10/2024 15:56	J
Sodium	4.6	mg/L	3.2	0.	.80	1	12/06/2024 11:27	12/10/2024 15:56	J
VOLATILES (SW-846 5030B/SW-8	346 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.	.20	1	11/25/2024 13:01	11/25/2024 20:40	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
Benzene	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Bromoform	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Bromomethane	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Chlorobenzene	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
Chloroethane	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
Chloroform	0.50 U	ug/L	2.0	0.	.50	1	11/25/2024 13:01	11/25/2024 20:40	J
Chloromethane	0.25 U	ug/L	1.0	0.	.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.	.20	1	11/25/2024 13:01	11/25/2024 20:40	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0	.50	1	11/25/2024 13:01	11/25/2024 20:40	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 19 of 115

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Workorder: 1503.01 (J2417354)

Analytical Results								
<b>Lab ID:</b> J2417354004 <b>Sample ID:</b> MW-5		Date Collector		20/2024 10:45 21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 20:40	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 20:40	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 20:40	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 20:40	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 20:40	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 20:40	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 20:40	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 20:40	J
WET CHEMISTRY (EPA 300.0)								
Chloride	5.5 I	mg/L	8.0	2.0	1	11/22/2024 23:08	11/22/2024 23:08	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	1	11/22/2024 23:08	11/22/2024 23:08	J
Sulfate	6.4 I	mg/L	8.0	2.0	1	11/22/2024 23:08	11/22/2024 23:08	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.60	mg/L	0.040	0.017	1	12/05/2024 11:41	12/05/2024 11:41	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	42	mg/L	10	10	1	11/26/2024 19:38	11/26/2024 19:38	J
WET CHEMISTRY (SW-846 3010A	/SW-846 6010	0)						
Cadmium	0.50 U	ug/L	2.0	0.50	1	12/06/2024 11:27	12/10/2024 15:56	J
Chromium	5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 15:56	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 20 of 115

WET CHEMISTRY (SW-846 7470A)

**220 I** ug/L

3.0 U ug/L

0.011 U ug/L

800

12

0.10

Iron

Lead

Mercury

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200

3.0

0.011

1

1

12/06/2024 11:27

12/06/2024 11:27

11/27/2024 08:55

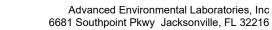


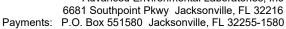


12/10/2024 15:56

12/10/2024 15:56

11/27/2024 14:27







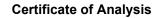
# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	105	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	J







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Workorder: 1503.01 (J2417354)

<b>Analytical Resu</b>	<b>Anal</b>	vtical	Resu	Its
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<b>Analytical Results</b>									
<b>Lab ID:</b> J2417354005 <b>Sample ID:</b> MW-7		Date Colle		11/20/2024 1 11/21/2024 0			<b>Matrix:</b> Water		
Parameter	Results	Units	PC	L	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SV	,	-							
Aluminum	0.020 U	mg/L	0.0	80	0.020	1	12/06/2024 11:27	12/10/2024 16:09	J
Arsenic	8.9 I	ug/L	32		8.0	1	12/06/2024 11:27	12/10/2024 16:09	J
Sodium	96	mg/L	3.2		0.80	1	12/06/2024 11:27	12/10/2024 16:09	J
VOLATILES (SW-846 5030B	/SW-846 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 21:04	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
1,1-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
1,2-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
1,2-Dichloropropane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
Benzene	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Bromodichloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Bromoform	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Bromomethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
Carbon Tetrachloride	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Chlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
Chloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
Chloroform	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
Chloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Dibromochloromethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 21:04	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:04	J

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Workorder: 1503.01 (J2417354)

Analyt	ical R	esults
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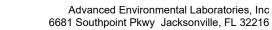
<b>Lab ID:</b> J2417354005 <b>Sample ID:</b> MW-7		Date Colle Date Rece		0/2024 11:30 1/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 21:04	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:04	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 21:04	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 21:04	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 21:04	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 21:04	J
WET CHEMISTRY (EPA 300.0)								
Chloride	200 U	mg/L	800	200	100	11/23/2024 03:27	11/23/2024 03:27	J
Nitrate (as N)	20 U	mg/L	80	20	100	11/23/2024 03:27	11/23/2024 03:27	J
Sulfate	200 U	mg/L	800	200	100	11/23/2024 03:27	11/23/2024 03:27	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	9.9	mg/L	0.40	0.17	10	12/05/2024 16:34	12/05/2024 16:34	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	1400	mg/L	10	10	1	11/26/2024 19:38	11/26/2024 19:38	J
WET CHEMISTRY (SW-846 3010A		)						
Cadmium	0.50 U	ug/L	2.0	0.50	1	12/06/2024 11:27	12/10/2024 16:09	J
Chromium	5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 16:09	J
Iron	14000	ug/L	800	200	1	12/06/2024 11:27	12/10/2024 16:09	J
Lead	3.0 U	ug/L	12	3.0	1	12/06/2024 11:27	12/10/2024 16:09	J
WET CHEMISTRY (SW-846 7470A)	)							
Mercury	0.011 U	ug/L	0.10	0.011	1	11/27/2024 08:55	11/27/2024 14:29	J

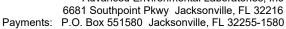
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# **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 128	J
Toluene-d8 (S)	ug/L	50	54	107	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J





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Workorder: 1503.01 (J2417354)

Analy	tical.	Doci	ulto
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<b>Lab ID</b> : J2417354006	<u> </u>	Date Collec	ted:	11/20/2024 14:00		Matrix:	Water	
Sample ID: MW-8		Date Recei	ved:	11/21/2024 09:50				
Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846	,							
Aluminum	0.44	mg/L	0.08		1	12/06/2024 1	1:27 12/10/2024 16:13	J
Arsenic	8.0 U	ug/L	32	8.0	1	12/06/2024 1	1:27 12/10/2024 16:13	J
Sodium	56	mg/L	3.2	0.80	1	12/06/2024 1	1:27 12/10/2024 16:13	J
VOLATILES (SW-846 5030B/SW-8	46 8260D)							
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13	3:01 11/25/2024 21:27	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13	3:01 11/25/2024 21:27	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13	3:01 11/25/2024 21:27	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 1	3:01 11/25/2024 21:27	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13	3:01 11/25/2024 21:27	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 1	3:01 11/25/2024 21:27	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Benzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 1	3:01 11/25/2024 21:27	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	11/25/2024 1	3:01 11/25/2024 21:27	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13	3:01 11/25/2024 21:27	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 1	3:01 11/25/2024 21:27	J

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Workorder: 1503.01 (J2417354)

<b>Analytica</b>	I Results
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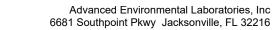
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Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:27	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:27	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 21:27	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:27	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:27	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:27	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 21:27	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 21:27	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 21:27	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 21:27	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 21:27	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 21:27	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 21:27	J
WET CHEMISTRY (EPA 300.0)								
Chloride	14 I	mg/L	40	10	5	11/23/2024 20:56	11/23/2024 20:56	J
Nitrate (as N)	1.0 U	mg/L	4.0	1.0	5	11/23/2024 20:56	11/23/2024 20:56	J
Sulfate	100	mg/L	40	10	5	11/23/2024 20:56	11/23/2024 20:56	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	13	mg/L	0.8	0.35	20	12/05/2024 15:12	12/05/2024 15:12	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	660	mg/L	10	10	1	11/26/2024 19:38	11/26/2024 19:38	J
WET CHEMISTRY (SW-846 3010A/S	W-846 6010	)						
Cadmium	0.50 U	ug/L	2.0	0.50	1	12/06/2024 11:27	12/10/2024 16:13	J
Chromium	5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 16:13	J
Iron	200 U	ug/L	800	200	1	12/06/2024 11:27	12/10/2024 16:13	J
Lead	3.0 U	ug/L	12	3.0	1	12/06/2024 11:27	12/10/2024 16:13	J
WET CHEMISTRY (SW-846 7470A)								
Mercury	0.042 I	ug/L	0.1	0.011	1	11/27/2024 08:55	11/27/2024 14:38	J

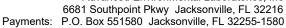
Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 26 of 115

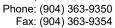
**Certificate of Analysis** 













**FINAL - REVISION** 

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	J





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

## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analy	ytical	Results
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<b>Lab ID:</b> J2417354007 <b>Sample ID:</b> MW-3R		Date Collec Date Recei		11/20/202 11/21/202			Matrix: Wate	er	
Parameter	Results	Units	PQ	L	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6	•								
Aluminum	0.050 I	mg/L	0.0	80	0.020	1	12/06/2024 11:27	12/10/2024 16:18	J
Arsenic	8.0 U	ug/L	32		8.0	1	12/06/2024 11:27	12/10/2024 16:18	J
Sodium	57	mg/L	3.2		0.80	1	12/06/2024 11:27	12/10/2024 16:18	J
VOLATILES (SW-846 5030B/SW-84	16 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 21:51	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
1,1-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
1,2-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
1,2-Dichloropropane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
Benzene	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
Bromodichloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
Bromoform	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
Bromomethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
Carbon Tetrachloride	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
Chlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
Chloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
Chloroform	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J
Chloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 21:51	J
Dibromochloromethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 21:51	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 21:51	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 28 of 115

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analytical Results</b>	

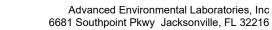
Parameter         Results         Units         PQL         MDL         DF         Prepared         Analyzed           Ethylbenzene         0.25 U         ug/L         1.0         0.25 I         1 11/25/2024 13:01         11/25/2024 22           Methyl tert-butyl Ether (MTBE)         0.25 U         ug/L         1.0         0.25 I         1 11/25/2024 13:01         11/25/2024 22           Methylene Chloride         1.2 U         ug/L         5.0         1.2 I         1 11/25/2024 13:01         11/25/2024 22           Tetrachloroethylene (PCE)         0.25 U         ug/L         1.0         0.25 I         1 11/25/2024 13:01         11/25/2024 22           Toluene         0.25 U         ug/L         1.0         0.25 I         1 11/25/2024 13:01         11/25/2024 22           Trichloroethene         0.25 U         ug/L         1.0         0.25 I         1 11/25/2024 13:01         11/25/2024 22           Trichlorofluoromethane         0.50 U         ug/L         2.0         0.50 I         1 11/25/2024 13:01         11/25/2024 22           Vinyl Chloride         0.25 U         ug/L         3.0         0.75 I         1 11/25/2024 13:01         11/25/2024 22           Xylene (Total)         0.75 U         ug/L         2.0         0.50 I	1:51 J 1:51 J 1:51 J 1:51 J
Methyl tert-butyl Ether (MTBE) 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 2 Methylene Chloride 1.2 U ug/L 5.0 1.2 1 11/25/2024 13:01 11/25/2024 2 2 Tetrachloroethylene (PCE) 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 2 Toluene 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 2 Trichloroethene 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 2 Trichlorofluoromethane 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1:51 J 1:51 J 1:51 J 1:51 J
Methylene Chloride         1.2 U         ug/L         5.0         1.2 I         11/25/2024 13:01         11/25/2024 22           Tetrachloroethylene (PCE)         0.25 U         ug/L         1.0         0.25 I         11/25/2024 13:01         11/25/2024 2           Toluene         0.25 U         ug/L         1.0         0.25 I         11/25/2024 13:01         11/25/2024 2           Trichloroethene         0.25 U         ug/L         1.0         0.25 I         11/25/2024 13:01         11/25/2024 2           Trichlorofluoromethane         0.50 U         ug/L         2.0         0.50 I         11/25/2024 13:01         11/25/2024 2           Vinyl Chloride         0.25 U         ug/L         1.0         0.25 I         11/125/2024 13:01         11/25/2024 2           Xylene (Total)         0.75 U         ug/L         3.0         0.75 I         11/125/2024 13:01         11/25/2024 2           cis-1,2-Dichloroethylene         0.50 U         ug/L         2.0         0.50 I         11/25/2024 13:01         11/25/2024 2           cis-1,3-Dichloropropene         0.20 U         ug/L         1.0         0.20 I         11/125/2024 13:01         11/25/2024 2           trans-1,2-Dichloroethylene         0.50 U         ug/L         1.0         0.20 I	1:51 J 1:51 J 1:51 J
Tetrachloroethylene (PCE) 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 Toluene 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 Trichloroethene 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 Trichlorofluoromethane 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 Vinyl Chloride 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 Xylene (Total) 0.75 U ug/L 3.0 0.75 1 11/25/2024 13:01 11/25/2024 2 cis-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 cis-1,3-Dichloropropene 0.20 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 cis-1,3-Dichloropropene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 trans-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 WET CHEMISTRY (EPA 300.0) Chloride 200 U mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1 Nitrate (as N) 20 U mg/L 80 20 100 11/22/2024 16:03 11/22/2024 1 Sulfate 220 I mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1 WET CHEMISTRY (EPA 350.1) Ammonia (N) 16 mg/L 0.80 0.35 20 12/05/2024 15:04 12/05/2024 1	1:51 J 1:51 J
Toluene 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 Trichloroethene 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 Trichlorofluoromethane 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 Vinyl Chloride 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 Xylene (Total) 0.75 U ug/L 3.0 0.75 1 11/25/2024 13:01 11/25/2024 2 cis-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 cis-1,3-Dichloropropene 0.20 U ug/L 1.0 0.50 1 11/25/2024 13:01 11/25/2024 2 trans-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 trans-1,3-Dichloropropene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 trans-1,3-Dichloropropylene 0.20 U ug/L 8.0 0.20 1 11/25/2024 13:01 11/25/2024 2  WET CHEMISTRY (EPA 300.0) Chloride 200 U mg/L 80 20 100 11/22/2024 16:03 11/22/2024 1 Sulfate 2201 mg/L 80 20 100 11/22/2024 16:03 11/22/2024 1 WET CHEMISTRY (EPA 350.1) Ammonia (N) 16 mg/L 0.80 0.35 20 12/05/2024 15:04 12/05/2024 1	1:51 J
Trichloroethene 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Trichlorofluoromethane 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	l:51 J
Vinyl Chloride 0.25 U ug/L 1.0 0.25 1 11/25/2024 13:01 11/25/2024 2  Xylene (Total) 0.75 U ug/L 3.0 0.75 1 11/25/2024 13:01 11/25/2024 2  cis-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2  cis-1,3-Dichloropropene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2  trans-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2  trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2  trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2  WET CHEMISTRY (EPA 300.0)  Chloride 200 U mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1  Nitrate (as N) 20 U mg/L 80 20 100 11/22/2024 16:03 11/22/2024 1  Sulfate 220 I mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1  WET CHEMISTRY (EPA 350.1)  Ammonia (N) 16 mg/L 0.80 0.35 20 12/05/2024 15:04 12/05/2024 1	
Xylene (Total)       0.75 U       ug/L       3.0       0.75 I       1 11/25/2024 13:01       11/25/2024 2         cis-1,2-Dichloroethylene       0.50 U       ug/L       2.0       0.50 I       11/25/2024 13:01       11/25/2024 2         cis-1,3-Dichloropropene       0.20 U       ug/L       1.0       0.20 I       11/25/2024 13:01       11/25/2024 2         trans-1,2-Dichloroethylene       0.50 U       ug/L       2.0       0.50 I       11/25/2024 13:01       11/25/2024 2         WET CHEMISTRY (EPA 300.0)         Chloride       200 U       mg/L       800       200       100       11/22/2024 16:03       11/22/2024 1         Nitrate (as N)       20 U       mg/L       800       20       100       11/22/2024 16:03       11/22/2024 1         Sulfate       220 I       mg/L       800       20       100       11/22/2024 16:03       11/22/2024 1         WET CHEMISTRY (EPA 350.1)         Ammonia (N)       16       mg/L       0.80       0.35       20       12/05/2024 15:04       12/05/2024 1	1:51 J
cis-1,2-Dichloroethylene       0.50 U ug/L       2.0       0.50 1 11/25/2024 13:01 11/25/2024 2         cis-1,3-Dichloropropene       0.20 U ug/L       1.0       0.20 1 11/25/2024 13:01 11/25/2024 2         trans-1,2-Dichloroethylene       0.50 U ug/L       2.0       0.50 1 11/25/2024 13:01 11/25/2024 2         trans-1,3-Dichloropropylene       0.20 U ug/L       1.0       0.20 1 11/25/2024 13:01 11/25/2024 2         WET CHEMISTRY (EPA 300.0)         Chloride       200 U mg/L       800       200 100 11/22/2024 16:03 11/22/2024 1         Nitrate (as N)       20 U mg/L       80       20 100 11/22/2024 16:03 11/22/2024 1         Sulfate       220 I mg/L       800       200 100 11/22/2024 16:03 11/22/2024 1         WET CHEMISTRY (EPA 350.1)         Ammonia (N)       16 mg/L       0.80       0.35 20 12/05/2024 15:04 12/05/2024 1	1:51 J
cis-1,3-Dichloropropene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 trans-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 wet chemistry (epa 300.0)  Chloride 200 U mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1 Nitrate (as N) 20 U mg/L 80 20 100 11/22/2024 16:03 11/22/2024 1 Sulfate 220 I mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1 wet chemistry (epa 350.1)  Ammonia (N) 16 mg/L 0.80 0.35 20 12/05/2024 15:04 12/05/2024 1	1:51 J
trans-1,2-Dichloroethylene 0.50 U ug/L 2.0 0.50 1 11/25/2024 13:01 11/25/2024 2 trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 wet chemistry (EPA 300.0)  Chloride 200 U mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1 Nitrate (as N) 20 U mg/L 80 20 100 11/22/2024 16:03 11/22/2024 1 Sulfate 220 I mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1 wet chemistry (EPA 350.1)  MET CHEMISTRY (EPA 350.1)  Ammonia (N) 16 mg/L 0.80 0.35 20 12/05/2024 15:04 12/05/2024 1	1:51 J
trans-1,3-Dichloropropylene 0.20 U ug/L 1.0 0.20 1 11/25/2024 13:01 11/25/2024 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1:51 J
WET CHEMISTRY (EPA 300.0)         Chloride       200 U mg/L       800       200       100       11/22/2024 16:03       11/22/2024 1         Nitrate (as N)       20 U mg/L       80       20 100       11/22/2024 16:03       11/22/2024 1         Sulfate       220 I mg/L       800       200       100       11/22/2024 16:03       11/22/2024 1         WET CHEMISTRY (EPA 350.1)         Ammonia (N)       16 mg/L       0.80       0.35       20       12/05/2024 15:04       12/05/2024 1	1:51 J
Chloride       200 U       mg/L       800       200       100       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22/2024 16:03       11/22	1:51 J
Nitrate (as N) 20 U mg/L 80 20 100 11/22/2024 16:03 11/22/2024 1 Sulfate 220 I mg/L 800 200 100 11/22/2024 16:03 11/22/2024 1 WET CHEMISTRY (EPA 350.1) Ammonia (N) 16 mg/L 0.80 0.35 20 12/05/2024 15:04 12/05/2024 1	
Sulfate       220 I       mg/L       800       200       100       11/22/2024 16:03       11/22/2024 1         WET CHEMISTRY (EPA 350.1)         Ammonia (N)       16       mg/L       0.80       0.35       20       12/05/2024 15:04       12/05/2024 1	6:03 J
WET CHEMISTRY (EPA 350.1) Ammonia (N)  16 mg/L  0.80  0.35  20 12/05/2024 15:04 12/05/2024 1	6:03 J
Ammonia (N) 16 mg/L 0.80 0.35 20 12/05/2024 15:04 12/05/2024 1	6:03 J
· · · · · · · · · · · · · · · · · · ·	
WET CHEMISTRY (SM 2540 C)	5:04 G
Total Dissolved Solids 1300 mg/L 10 10 1 11/27/2024 08:24 11/27/2024 0	3:24 J
WET CHEMISTRY (SW-846 3010A/SW-846 6010)	
Cadmium 0.50 U ug/L 2.0 0.50 1 12/06/2024 11:27 12/10/2024 1	5:18 J
Chromium 5.0 U ug/L 20 5.0 1 12/06/2024 11:27 12/10/2024 1	6:18 J
Iron 5000 ug/L 800 200 1 12/06/2024 11:27 12/10/2024 1	6:18 J
Lead 3.0 U ug/L 12 3.0 1 12/06/2024 11:27 12/10/2024 1	6:18 J
WET CHEMISTRY (SW-846 7470A)	
Mercury 0.011 U ug/L 0.10 0.011 1 11/27/2024 08:55 11/27/2024 1	

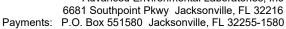
Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 29 of 115

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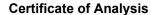
**FINAL - REVISION** 

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	99	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	107	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J







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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analy	ytical	Results
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<b>Lab ID:</b> J2417354008 <b>Sample ID:</b> CW-16		Date Collec Date Recei		11/20/202 11/21/202			<b>Matrix:</b> Wat	er	
Parameter	Results	Units	PQ	L	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6	•								
Aluminum	0.096	mg/L	0.0	80	0.020	1	12/06/2024 11:27	12/10/2024 16:22	J
Arsenic	8.0 U	ug/L	32		8.0	1	12/06/2024 11:27	12/10/2024 16:22	J
Sodium	87	mg/L	3.2		0.80	1	12/06/2024 11:27	12/10/2024 16:22	J
VOLATILES (SW-846 5030B/SW-84	16 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 22:15	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
1,1-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
1,2-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
1,2-Dichloropropane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
Benzene	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Bromodichloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Bromoform	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Bromomethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
Carbon Tetrachloride	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Chlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
Chloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
Chloroform	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
Chloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Dibromochloromethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 22:15	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:15	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 31 of 115

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analytical	Results

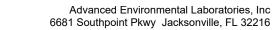
<b>Lab ID:</b> J2417354008 <b>Sample ID:</b> CW-16		Date Colle Date Rece		1/20/2024 16:30 1/21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 22:15	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:15	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 22:15	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 22:15	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 22:15	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 22:15	J
WET CHEMISTRY (EPA 300.0)								
Chloride	31 I	mg/L	80	20	10	11/22/2024 17:15	11/22/2024 17:15	J
Nitrate (as N)	2.0 U	mg/L	8.0	2.0	10	11/22/2024 17:15	11/22/2024 17:15	J
Sulfate	220	mg/L	80	20	10	11/22/2024 17:15	11/22/2024 17:15	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	4.5	mg/L	0.20	0.087	5	12/05/2024 15:13	12/05/2024 15:13	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	980	mg/L	10	10	1	11/27/2024 08:24	11/27/2024 08:24	J
WET CHEMISTRY (SW-846 3010A		)						
Cadmium	0.50 U	ug/L	2.0	0.50	1	12/06/2024 11:27	12/10/2024 16:22	J
Chromium	5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 16:22	J
Iron	1100	ug/L	800	200	1	12/06/2024 11:27	12/10/2024 16:22	J
Lead	3.0 U	ug/L	12	3.0	1	12/06/2024 11:27	12/10/2024 16:22	J
WET CHEMISTRY (SW-846 7470A)	)							
Mercury	0.011 U	ug/L	0.10	0.011	1	11/27/2024 08:55	11/27/2024 14:44	J

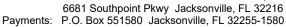
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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	J





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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analy	<b>ytical</b>	Results
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<b>Lab ID:</b> J2417354009 <b>Sample ID:</b> CW-4		Date Collec Date Recei		11/20/2024 11/21/2024			Matrix: Wate	er	
Parameter	Results	Units	PQ	L	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6	6010)								
Aluminum	0.020 U	mg/L	0.0	80	0.020	1	12/06/2024 11:27	12/10/2024 16:26	J
Arsenic	8.0 U	ug/L	32		8.0	1	12/06/2024 11:27	12/10/2024 16:26	J
Sodium	120	mg/L	3.2		0.80	1	12/06/2024 11:27	12/10/2024 16:26	J
VOLATILES (SW-846 5030B/SW-84	46 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 22:39	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
1,1-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
1,2-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
1,2-Dichloropropane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
Benzene	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Bromodichloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Bromoform	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Bromomethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
Carbon Tetrachloride	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Chlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
Chloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
Chloroform	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
Chloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Dibromochloromethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:01	11/25/2024 22:39	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:01	11/25/2024 22:39	J

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Sulfate

Ammonia (N)

Cadmium

Chromium

Iron

Lead

Mercury

WET CHEMISTRY (EPA 350.1)

WET CHEMISTRY (SM 2540 C)

Total Dissolved Solids

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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

**Analytical Results** 

<b>Lab ID:</b> J2417354009 <b>Sample ID:</b> CW-4		Date Collecte Date Receive				<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 22:39	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 22:39	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 22:39	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 22:39	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 22:39	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 22:39	J
WET CHEMISTRY (EPA 300.0)								
Chloride	37 I	mg/L	80	20	10	11/22/2024 18:49	11/22/2024 18:49	J
Nitrate (as N)	2.0 U	mg/L	8.0	2.0	10	11/22/2024 18:49	11/22/2024 18:49	J

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Dates and times are displayed using (-05:00)	1
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WET CHEMISTRY (SW-846 7470A)

WET CHEMISTRY (SW-846 3010A/SW-846 6010)

190

1100

0.50 U

2600

5.0 U ug/L

3.0 U ug/L

0.011 U ug/L

mg/L

mg/L

mg/L

ug/L

ug/L

80

0.80

10

2.0

20

800

12

0.10



0.011

20

0.35

10

0.50

5.0

200

3.0

10

20

1

1

1

1

11/22/2024 18:49

12/05/2024 15:15

11/27/2024 08:24

12/06/2024 11:27

12/06/2024 11:27

12/06/2024 11:27

12/06/2024 11:27

11/27/2024 08:55



11/22/2024 18:49

12/05/2024 15:15

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12/10/2024 16:26

12/10/2024 16:26

12/10/2024 16:26

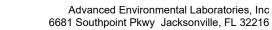
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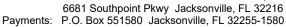
J

G

J







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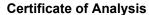
**FINAL - REVISION** 

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	99	86 - 123	J







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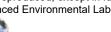
Workorder: 1503.01 (J2417354)

Alialytical Nesults	Ana	vtical	Results
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<b>Lab ID:</b> J2417354010 <b>Sample ID:</b> MW-4		Date Collec Date Recei		11/20/202 11/21/202			Matrix: Wa	ater	
Parameter	Results	Units	PQ	L	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6	•								
Aluminum	0.020 U	mg/L	0.0	80	0.020	1	12/06/2024 11:2	7 12/10/2024 16:31	J
Arsenic	15 I	ug/L	32		8.0	1	12/06/2024 11:23	7 12/10/2024 16:31	J
Sodium	120	mg/L	3.2		0.80	1	12/06/2024 11:2	7 12/10/2024 16:31	J
VOLATILES (SW-846 5030B/SW-84	46 8260D)								
1,1,1-Trichloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,1-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,2-Dichloroethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,2-Dichloropropane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Benzene	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Bromodichloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Bromoform	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Bromomethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Carbon Tetrachloride	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Chlorobenzene	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Chloroethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Chloroform	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Chloromethane	0.25 U	ug/L	1.0		0.25	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Dibromochloromethane	0.20 U	ug/L	1.0		0.20	1	11/25/2024 13:0	1 11/25/2024 23:03	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0		0.50	1	11/25/2024 13:0		J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analyt	ical R	esults
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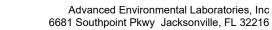
<b>Lab ID:</b> J2417354010 <b>Sample ID:</b> MW-4		Date Colle Date Rece		11/20/2024 17:05 11/21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 23:03	J
Methyl tert-butyl Ether (MTBE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 23:03	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/25/2024 13:01	11/25/2024 23:03	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 23:03	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 23:03	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 23:03	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 23:03	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/25/2024 13:01	11/25/2024 23:03	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/25/2024 13:01	11/25/2024 23:03	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 23:03	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 23:03	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/25/2024 13:01	11/25/2024 23:03	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/25/2024 13:01	11/25/2024 23:03	J
WET CHEMISTRY (EPA 300.0)								
Chloride	200 U	mg/L	800	200	100	11/22/2024 19:13	11/22/2024 19:13	J
Nitrate (as N)	20 U	mg/L	80	20	100	11/22/2024 19:13	11/22/2024 19:13	J
Sulfate	200 U	mg/L	800	200	100	11/22/2024 19:13	11/22/2024 19:13	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	17	mg/L	0.80	0.35	20	12/05/2024 15:16	12/05/2024 15:16	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	1200	mg/L	10	10	1	11/27/2024 08:24	11/27/2024 08:24	J
WET CHEMISTRY (SW-846 3010A	/SW-846 6010	)						
Cadmium	0.50 U	ug/L	2.0	0.50	1	12/06/2024 11:27	12/10/2024 16:31	J
Chromium	5.0 U	ug/L	20	5.0	1	12/06/2024 11:27	12/10/2024 16:31	J
Iron	2900	ug/L	800	200	1	12/06/2024 11:27	12/10/2024 16:31	J
Lead	3.5	ug/L	12	3.0	1	12/06/2024 11:27	12/10/2024 16:31	J
WET CHEMISTRY (SW-846 7470A)	)							
Mercury	0.011 U	ug/L	0.10	0.011	1	11/27/2024 08:55	11/27/2024 14:50	J

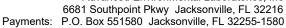
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**FINAL - REVISION** 

Workorder: 1503.01 (J2417354)

## **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J





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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analy	/tical	Result	2
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Analytica	al Results									
Lab ID: Sample ID:	J2417354011 MW-14		Date Collecte Date Receive		11/20/2024 13 11/21/2024 09			Matrix: Water		
Parameter		Results	Units	PQ	L	MDL	DF	Prepared	Analyzed	Lab
METALS (SW	/-846 3010A/SW-84	16 6010)								
Aluminum		6.6	mg/L	0.0	80	0.020	1	12/06/2024 11:27	12/10/2024 16:35	J
Arsenic		0.0080 U	mg/L	0.0	32	0.0080	1	12/06/2024 11:27	12/10/2024 16:35	J
Barium		0.0030 U	mg/L	0.0	12	0.0030	1	12/06/2024 11:27	12/10/2024 16:35	J
Beryllium		0.0020 U	mg/L	0.0	080	0.0020	1	12/06/2024 11:27	12/10/2024 16:35	J
Cadmium		0.00050 U	mg/L	0.0	020	0.0005 0	1	12/06/2024 11:27	12/10/2024 16:35	J
Chromium		0.0053 I	mg/L	0.0	20	0.0050	1	12/06/2024 11:27	12/10/2024 16:35	J
Cobalt		0.0015 I	mg/L	0.0	040	0.0010	1	12/06/2024 11:27	12/10/2024 16:35	J
Copper		0.010 U	mg/L	0.0	40	0.010	1	12/06/2024 11:27	12/10/2024 16:35	J
Iron		0.22 I	mg/L	0.8	0	0.20	1	12/06/2024 11:27	12/10/2024 16:35	J
Lead		0.0045 l	mg/L	0.0	12	0.0030	1	12/06/2024 11:27	12/10/2024 16:35	J
Nickel		0.010 U	mg/L	0.0	40	0.010	1	12/06/2024 11:27	12/10/2024 16:35	J
Selenium		0.040 U	mg/L	0.10	6	0.040	1	12/06/2024 11:27	12/10/2024 16:35	J
Silver		0.0080 U	mg/L	0.0	32	0.0080	1	12/06/2024 11:27	12/10/2024 16:35	J
Sodium		3.8	mg/L	3.2		0.80	1	12/06/2024 11:27	12/10/2024 16:35	J
Tin		0.040 U	mg/L	0.10	6	0.040	1	12/06/2024 11:27	12/10/2024 16:35	J
Vanadium		0.0055 I	mg/L	0.0	080	0.0020	1	12/06/2024 11:27	12/10/2024 16:35	J
Zinc		0.050 U	mg/L	0.2	0	0.050	1	12/06/2024 11:27	12/10/2024 16:35	J
METALS (SW	/-846 3010A/SW-84	16 6020)								
Antimony		1.0 U	ug/L	4.0		1.0	1	12/05/2024 04:00	12/06/2024 17:30	J
Thallium		0.25 U	ug/L	1.0		0.25	1	12/05/2024 04:00	12/06/2024 17:30	J
SEMIVOLATI	LES (8151/EPA 81	51)								
2,4,5-T		2.0 U	ug/L	8.0		2.0	1	11/24/2024 11:00	11/28/2024 02:25	J
2,4-D		2.0 U	ug/L	8.0		2.0	1	11/24/2024 11:00	11/28/2024 02:25	J
2,4-DB		2.0 U	ug/L	8.0		2.0	1	11/24/2024 11:00	11/28/2024 02:25	J
Dalapon		8.0 U	ug/L	32		8.0	1	11/24/2024 11:00	11/28/2024 02:25	J
Dicamba		1.0 U	ug/L	4.0		1.0	1	11/24/2024 11:00	11/28/2024 02:25	J

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Workorder: 1503.01 (J2417354)

Anal	vtical	Resu	Its
	,		

<b>Lab ID:</b> J24173540 <sup>-1</sup> <b>Sample ID:</b> MW-14		Date Colle Date Rec		024 13:00 024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dichloroprop	2.0 U	ug/L	8.0	2.0	1	11/24/2024 11:00	11/28/2024 02:25	J
Dinoseb	0.70 U	ug/L	2.8	0.70	1	11/24/2024 11:00	11/28/2024 02:25	J
Pentachlorophenol	0.30 U	ug/L	1.0	0.30	1	11/24/2024 11:00	11/28/2024 02:25	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	11/24/2024 11:00	11/28/2024 02:25	J
SEMIVOLATILES (SW-84	6 3510C/EPA 8081)							
4,4`-DDD	0.0016 U	ug/L	0.020	0.0016	1	11/24/2024 11:00	11/25/2024 21:39	J
4,4`-DDE	0.0037 U	ug/L	0.020	0.0037	1	11/24/2024 11:00	11/25/2024 21:39	J
4,4`-DDT	0.0021 U	ug/L	0.020	0.0021	1	11/24/2024 11:00	11/25/2024 21:39	J
Aldrin	0.0019 U	ug/L	0.020	0.0019	1	11/24/2024 11:00	11/25/2024 21:39	J
Chlordane (technical)	0.053 U	ug/L	0.20	0.053	1	11/24/2024 11:00	11/25/2024 21:39	J
Dieldrin	0.0011 U	ug/L	0.020	0.0011	1	11/24/2024 11:00	11/25/2024 21:39	J
Endosulfan I	0.0031 U	ug/L	0.020	0.0031	1	11/24/2024 11:00	11/25/2024 21:39	J
Endosulfan II	0.0026 U	ug/L	0.020	0.0026	1	11/24/2024 11:00	11/25/2024 21:39	J
Endosulfan Sulfate	0.0032 U	ug/L	0.020	0.0032	1	11/24/2024 11:00	11/25/2024 21:39	J
Endrin	0.0017 U	ug/L	0.020	0.0017	1	11/24/2024 11:00	11/25/2024 21:39	J
Endrin Aldehyde	0.0025 U	ug/L	0.020	0.0025	1	11/24/2024 11:00	11/25/2024 21:39	J
Heptachlor	0.0035 U	ug/L	0.020	0.0035	1	11/24/2024 11:00	11/25/2024 21:39	J
Heptachlor Epoxide	0.0017 U	ug/L	0.020	0.0017	1	11/24/2024 11:00	11/25/2024 21:39	J
Methoxychlor	0.0058 U	ug/L	0.020	0.0058	1	11/24/2024 11:00	11/25/2024 21:39	J
Toxaphene	0.12 U	ug/L	0.20	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J
alpha-BHC	0.0030 U	ug/L	0.020	0.0030	1	11/24/2024 11:00	11/25/2024 21:39	J
beta-BHC	0.0019 U	ug/L	0.020	0.0019	1	11/24/2024 11:00	11/25/2024 21:39	J
delta-BHC	0.00086 U	ug/L	0.020	0.0008 6	1	11/24/2024 11:00	11/25/2024 21:39	J
gamma-BHC (Lindane)	0.0018 U	ug/L	0.020	0.0018	1	11/24/2024 11:00	11/25/2024 21:39	J
SEMIVOLATILES (SW-84	6 3510C/EPA 8141)							
Atrazine	0.071 U	ug/L	0.20	0.071	1	11/24/2024 11:00	12/04/2024 05:15	J
Azinphos-methyl	0.057 U	ug/L	0.20	0.057	1	11/24/2024 11:00	12/04/2024 05:15	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analytical</b>	Results
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<b>Lab ID:</b> J2417354011 <b>Sample ID:</b> MW-14		Date Colle Date Rece				Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorpyrifos	0.041 U	ug/L	0.20	0.041	1	11/24/2024 11:00	12/04/2024 05:15	J
Chlorpyrifos-methyl	0.060 U	ug/L	0.20	0.060	1	11/24/2024 11:00	12/04/2024 05:15	J
Demeton	0.060 U	ug/L	0.20	0.060	1	11/24/2024 11:00	12/04/2024 05:15	J
Diazinon	0.055 U	ug/L	0.20	0.055	1	11/24/2024 11:00	12/04/2024 05:15	J
Dimethoate	0.054 U	ug/L	0.20	0.054	1	11/24/2024 11:00	12/04/2024 05:15	J
Disulfoton	0.041 U	ug/L	0.20	0.041	1	11/24/2024 11:00	12/04/2024 05:15	J
Ethion	0.069 U	ug/L	0.20	0.069	1	11/24/2024 11:00	12/04/2024 05:15	J
Ethoprop	0.047 U	ug/L	0.20	0.047	1	11/24/2024 11:00	12/04/2024 05:15	J
Famphur	0.11 U	ug/L	0.20	0.11	1	11/24/2024 11:00	12/04/2024 05:15	J
Fensulfothion	0.047 U	ug/L	0.20	0.047	1	11/24/2024 11:00	12/04/2024 05:15	J
Fonophos	0.050 U	ug/L	0.20	0.050	1	11/24/2024 11:00	12/04/2024 05:15	J
Malathion	0.073 U	ug/L	0.20	0.073	1	11/24/2024 11:00	12/04/2024 05:15	J
Merphos	0.057 U	ug/L	0.20	0.057	1	11/24/2024 11:00	12/04/2024 05:15	J
Methyl Parathion	0.054 U	ug/L	0.20	0.054	1	11/24/2024 11:00	12/04/2024 05:15	J
Mevinphos	0.055 U	ug/L	0.20	0.055	1	11/24/2024 11:00	12/04/2024 05:15	J
Parathion (Ethyl)	0.064 U	ug/L	0.20	0.064	1	11/24/2024 11:00	12/04/2024 05:15	J
Phorate	0.044 U	ug/L	0.20	0.044	1	11/24/2024 11:00	12/04/2024 05:15	J
Phosmet	0.076 U	ug/L	0.20	0.076	1	11/24/2024 11:00	12/04/2024 05:15	J
Ronnel	0.048 U	ug/L	0.20	0.048	1	11/24/2024 11:00	12/04/2024 05:15	J
Simazine	0.072 U	ug/L	0.20	0.072	1	11/24/2024 11:00	12/04/2024 05:15	J
SEMIVOLATILES (SW-846 35100	C/SW-846 8082	<b>4</b> )						
Aroclor 1016 (PCB-1016)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J
Aroclor 1221 (PCB-1221)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J
Aroclor 1232 (PCB-1232)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J
Aroclor 1242 (PCB-1242)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J
Aroclor 1248 (PCB-1248)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J
Aroclor 1254 (PCB-1254)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analytica</b>	I Results
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Lab ID: Sample ID:	J2417354011 MW-14		Date Colle Date Rece		11/20/2024 13:00 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter		Results	Units	PQ	MDL	DF	Prepared	Analyzed	Lab
Aroclor 1260 (	PCB-1260)	0.12 U	ug/L	0.5	0.12	1	11/24/2024 11:00	11/25/2024 21:39	J
SEMIVOLATII	LES (SW-846 3510C/	SW-846 82700	C)						
1,2,4,5-Tetrac	hlorobenzene	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
1,2,4-Trichlord	bbenzene	0.69 U	ug/L	5.0	0.69	1	11/23/2024 11:00	12/03/2024 00:42	J
1,2-Dichlorobe	enzene	1.4 U	ug/L	5.0	1.4	1	11/23/2024 11:00	12/03/2024 00:42	J
1,2-Diphenylh	ydrazine	0.96 U	ug/L	5.0	0.96	1	11/23/2024 11:00	12/03/2024 00:42	J
1,3,5-Trinitrob	enzene	2.5 U	ug/L	5.0	2.5	1	11/23/2024 11:00	12/03/2024 00:42	J
1,3-Dichlorobe	enzene	1.0 U	ug/L	5.0	1.0	1	11/23/2024 11:00	12/03/2024 00:42	J
1,3-Dinitroben	zene	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 00:42	J
1,4-Dichlorobe	enzene	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 00:42	J
1,4-Naphthoqu	uinone	4.8 U	ug/L	5.0	4.8	1	11/23/2024 11:00	12/03/2024 00:42	J
1,4-Phenylene	ediamine	5.0 U	ug/L	80	5.0	1	11/23/2024 11:00	12/03/2024 00:42	J
1-Methylnapht	thalene	0.076 I	ug/L	0.4	0.050	1	11/23/2024 11:00	12/03/2024 00:42	J
1-Naphthylam	ine	0.95 U	ug/L	5.0	0.95	1	11/23/2024 11:00	12/03/2024 00:42	J
2,3,4,6-Tetrac	hlorophenol	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
2,4,5-Trichlord	phenol	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
2,4,6-Trichlord	phenol	1.4 U	ug/L	5.0	1.4	1	11/23/2024 11:00	12/03/2024 00:42	J
2,4-Dichloroph	nenol	0.90 U	ug/L	5.0	0.90	1	11/23/2024 11:00	12/03/2024 00:42	J
2,4-Dimethylpl	henol	2.6 U	ug/L	5.0	2.6	1	11/23/2024 11:00	12/03/2024 00:42	J
2,4-Dinitrophe	nol	1.1 U	ug/L	10	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
2,4-Dinitrotolu	ene (2,4-DNT)	1.8 U	ug/L	5.0	1.8	1	11/23/2024 11:00	12/03/2024 00:42	J
2,6-Dichloroph	nenol	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
2,6-Dinitrotolu	ene (2,6-DNT)	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Acetylamino	fluorene	3.5 U	ug/L	5.0	3.5	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Chloronapht	thalene	1.7 U	ug/L	5.0	1.7	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Chloropheno	ol	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Methyl-4,6-c	linitrophenol	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Lab ID:</b> J2417354011 <b>Sample ID:</b> MW-14		Date Colle Date Rece				<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Methylnaphthalene	0.084 I	ug/L	0.20	0.049	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Naphthylamine	0.89 U	ug/L	5.0	0.89	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Nitroaniline	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Nitrophenol	0.63 U	ug/L	5.0	0.63	1	11/23/2024 11:00	12/03/2024 00:42	J
2-Picoline (2-Methylpyridine)	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.0	1.0	1	11/23/2024 11:00	12/03/2024 00:42	J
3,3'-Dimethylbenzidine	2.4 U	ug/L	5.0	2.4	1	11/23/2024 11:00	12/03/2024 00:42	J
3,3`-Dichlorobenzidine	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
3-Methylcholanthrene	1.9 U	ug/L	5.0	1.9	1	11/23/2024 11:00	12/03/2024 00:42	J
3-Nitroaniline	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Aminobiphenyl	0.61 U	ug/L	5.0	0.61	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Bromophenyl Phenyl Ether	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Chloro-3-methylphenol	0.63 U	ug/L	5.0	0.63	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Chloroaniline	0.90 U	ug/L	5.0	0.90	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Chlorophenyl Phenyl Ether	1.6 U	ug/L	5.0	1.6	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Dimethyl aminoazobenzene	0.73 U	ug/L	5.0	0.73	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Nitroaniline	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
4-Nitrophenol	2.9 U	ug/L	5.0	2.9	1	11/23/2024 11:00	12/03/2024 00:42	J
5-Nitro-o-toluidine	2.9 U	ug/L	5.0	2.9	1	11/23/2024 11:00	12/03/2024 00:42	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Acenaphthene	0.082 I	ug/L	0.20	0.040	1	11/23/2024 11:00	12/03/2024 00:42	J
Acenaphthylene	0.042 U	ug/L	0.20	0.042	1	11/23/2024 11:00	12/03/2024 00:42	J
Acetophenone	1.6 U	ug/L	5.0	1.6	1	11/23/2024 11:00	12/03/2024 00:42	J
Aniline	0.90 U	ug/L	5.0	0.90	1	11/23/2024 11:00	12/03/2024 00:42	J
Anthracene	0.035 U	ug/L	0.20	0.035	1	11/23/2024 11:00	12/03/2024 00:42	J
Benzidine	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J

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Workorder: 1503.01 (J2417354)

Analy	ytical	Results
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<b>Lab ID:</b> J2417354011 <b>Sample ID:</b> MW-14		Date Colle Date Rece		)24 13:00 )24 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Benzo[a]anthracene	0.012 U	ug/L	0.20	0.012	1	11/23/2024 11:00	12/03/2024 00:42	J
Benzo[a]pyrene	0.037 U	ug/L	0.20	0.037	1	11/23/2024 11:00	12/03/2024 00:42	J
Benzo[b]fluoranthene	0.012 U	ug/L	0.10	0.012	1	11/23/2024 11:00	12/03/2024 00:42	J
Benzo[g,h,i]perylene	0.048 U	ug/L	0.20	0.048	1	11/23/2024 11:00	12/03/2024 00:42	J
Benzo[k]fluoranthene	0.048 U	ug/L	0.20	0.048	1	11/23/2024 11:00	12/03/2024 00:42	J
Benzoic Acid	0.78 U	ug/L	10	0.78	1	11/23/2024 11:00	12/03/2024 00:42	J
Benzyl Alcohol	2.4 U	ug/L	5.0	2.4	1	11/23/2024 11:00	12/03/2024 00:42	J
Butyl benzyl phthalate	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Chlorobenzilate	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 00:42	J
Chrysene	0.033 U	ug/L	0.20	0.033	1	11/23/2024 11:00	12/03/2024 00:42	J
Di-n-Butyl Phthalate	11	ug/L	5.0	0.88	1	11/23/2024 11:00	12/03/2024 00:42	J
Di-n-octyl Phthalate	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Diallate	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Dibenzo[a,h]anthracene	0.024 U	ug/L	0.20	0.024	1	11/23/2024 11:00	12/03/2024 00:42	J
Dibenzofuran	0.069 U	ug/L	5.0	0.069	1	11/23/2024 11:00	12/03/2024 00:42	J
Diethyl phthalate	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Dimethoate	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	1	11/23/2024 11:00	12/03/2024 00:42	J
Dinoseb	2.3 U	ug/L	5.0	2.3	1	11/23/2024 11:00	12/03/2024 00:42	J
Diphenylamine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Disulfoton	2.2 U	ug/L	5.0	2.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Ethyl methanesulfonate	0.91 U	ug/L	5.0	0.91	1	11/23/2024 11:00	12/03/2024 00:42	J
Famphur	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 00:42	J
Fluoranthene	0.052 l	ug/L	0.20	0.037	1	11/23/2024 11:00	12/03/2024 00:42	J
Fluorene	0.059 I	ug/L	0.20	0.038	1	11/23/2024 11:00	12/03/2024 00:42	J
Hexachlorobenzene	0.99 U	ug/L	5.0	0.99	1	11/23/2024 11:00	12/03/2024 00:42	J
Hexachlorobutadiene	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J

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Workorder: 1503.01 (J2417354)

<b>Analytical Resu</b>	<b>Anal</b>	vtical	Resu	Its
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<b>Lab ID:</b> J2417354011 <b>Sample ID:</b> MW-14		Date Collect Date Recei		11/20/2024 13:00 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
Hexachlorocyclopentadiene	1.0 U	ug/L	5.0	1.0	1	11/23/2024 11:00	12/03/2024 00:42	J
Hexachloroethane	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Hexachloropropene	2.7 U	ug/L	5.0	2.7	1	11/23/2024 11:00	12/03/2024 00:42	J
Indeno(1,2,3-cd)pyrene	0.011 U	ug/L	0.2	0.011	1	11/23/2024 11:00	12/03/2024 00:42	J
Isodrin	3.1 U	ug/L	5.0	3.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Isophorone	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Isosafrole	3.2 U	ug/L	5.0	3.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Kepone	5.2 U	ug/L	80	5.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Methapyrilene	1.8 U	ug/L	5.0	1.8	1	11/23/2024 11:00	12/03/2024 00:42	J
Methyl Methanesulfonate	0.67 U	ug/L	5.0	0.67	1	11/23/2024 11:00	12/03/2024 00:42	J
Methyl Parathion	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosodi-n-propylamine	2.2 U	ug/L	5.0	2.2	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosodiethylamine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosodimethylamine	0.93 U	ug/L	5.0	0.93	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosomethylethylamine	2.7 U	ug/L	5.0	2.7	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosopiperidine	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
N-Nitrosopyrrolidine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Naphthalene	0.15 I	ug/L	0.2	0.048	1	11/23/2024 11:00	12/03/2024 00:42	J
Nitrobenzene	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 00:42	J
Nitroquinoline-1-oxide	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 00:42	J
Pentachlorobenzene	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 00:42	J
Pentachloronitrobenzene	1.7 U	ug/L	5.0	1.7	1	11/23/2024 11:00	12/03/2024 00:42	J
Pentachlorophenol	0.95 U	ug/L	5.0	0.95	1	11/23/2024 11:00	12/03/2024 00:42	J
Phenacetin	3.2 U	ug/L	5.0	3.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Phenanthrene	0.13 I	ug/L	0.2	0.040	1	11/23/2024 11:00	12/03/2024 00:42	J

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Workorder: 1503.01 (J2417354)

Ana	vt	ical	R	esu	lts
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<b>Lab ID:</b> J2417354011 <b>Sample ID:</b> MW-14		Date Colle Date Rece				Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Phenol	0.54 U	ug/L	5.0	0.54	1	11/23/2024 11:00	12/03/2024 00:42	J
Phorate	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J
Pronamide (Kerb)	3.6 U	ug/L	5.0	3.6	1	11/23/2024 11:00	12/03/2024 00:42	J
Pyrene	0.037 I	ug/L	0.20	0.036	1	11/23/2024 11:00	12/03/2024 00:42	J
Safrole	3.5 U	ug/L	5.0	3.5	1	11/23/2024 11:00	12/03/2024 00:42	J
Thionazin (Zinophos)	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J
a,a-Dimethylphenethylamine	1.9 U	ug/L	5.0	1.9	1	11/23/2024 11:00	12/03/2024 00:42	J
bis(2-Chloroethoxy)methane	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 00:42	J
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 00:42	J
bis(2-Chloroisopropyl) Ether	1.4 U	ug/L	5.0	1.4	1	11/23/2024 11:00	12/03/2024 00:42	J
bis(2-Ethylhexyl) phthalate	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 00:42	J
o,o,o-Triethylphosphorothioate	2.9 U	ug/L	5.0	2.9	1	11/23/2024 11:00	12/03/2024 00:42	J
o-Toluidine	2.4 U	ug/L	5.0	2.4	1	11/23/2024 11:00	12/03/2024 00:42	J
VOLATILES (SW-846 5030B/SW-8	46 8260D (SIN	1))						
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	11/26/2024 01:51	11/26/2024 07:49	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	11/26/2024 01:51	11/26/2024 07:49	J
VOLATILES (SW-846 5030B/SW-8	46 8260D)							
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 07:49	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
1,2-Dibromo-3-Chloropropane	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 07:49	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J

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Workorder: 1503.01 (J2417354)

<b>Lab ID:</b> J2417354011 <b>Sample ID:</b> MW-14		Date Collec Date Recei		11/20/2024 13:00 11/21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PC	L MDL	DF	Prepared	Analyzed	Lab
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 07:49	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Acetone	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	11/26/2024 01:51	11/26/2024 07:49	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Allyl Chloride(3-Chloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Benzene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Chloroform	0.58 I	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 07:49	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 07:49	J

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Workorder: 1503.01 (J2417354)

Alialytical Nesults	Ana	vtical	Results
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<b>Lab ID:</b> J2417354011 <b>Sample ID:</b> MW-14		Date Colle Date Rece		20/2024 13:00 21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Ethylene Dibromide (EDB)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	11/26/2024 01:51	11/26/2024 07:49	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 07:49	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 07:49	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Styrene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 07:49	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/26/2024 01:51	11/26/2024 07:49	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 07:49	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 07:49	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 07:49	J
WET CHEMISTRY (EPA 300.0)								
Chloride	3.8 I	mg/L	8.0	2.0	1	11/23/2024 16:02	11/23/2024 16:02	J
Nitrate (as N)	0.20 I	mg/L	0.80	0.20	1	11/23/2024 16:02	11/23/2024 16:02	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 49 of 115

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

**Analytical Results** 

Lab ID: J2417354011 Date Collected: 11/20/2024 13:00 Matrix: Water

Sample ID: MVV-14		Date Rece	ived: 11/21/2	024 09:50				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.017 U	mg/L	0.040	0.017	1	12/05/2024 15:11	12/05/2024 15:11	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	59	mg/L	10	10	1	11/27/2024 08:24	11/27/2024 08:24	J

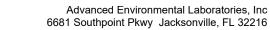
Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/L	0.50	0.35	71	48 - 137	J
Tetrachloro-m-xylene (S)	ug/L	1	0.73	73	44 - 124	J
2,4,6-Tribromophenol (S)	ug/L	50	38	76	48 - 147	J
Phenol-d6 (S)	ug/L	50	9.30	19	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	50	36	73	42 - 138	J
2-Fluorophenol (S)	ug/L	50	16	32	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	50	33	67	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	50	42	83	61 - 154	J
Decachlorobiphenyl (S)	ug/L	0.50	0.35	71	44 - 136	J
Tetrachloro-m-xylene (S)	ug/L	1	0.73	73	61 - 119	J
2,4-Dichlorophenylacetic acid (S)	ug/L	100	100	103	41 - 122	J
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	70 - 128	J
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	J

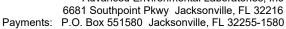
Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 50 of 115

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	J
Tributylphosphate (S)	ug/L	1	0.70	70	48.50 - 121	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	51	101	86 - 123	J











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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

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$\overline{}$		V LI	L-CI			

		Date Receive	<b>d</b> : 11/21/2024 (	9:50				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846	6 6010)							
Aluminum	3.8	mg/L	0.080	0.020	1	12/06/2024 11:27	12/10/2024 16:39	J
Arsenic	0.0080 U	mg/L	0.032	0.0080	1	12/06/2024 11:27	12/10/2024 16:39	J
Barium	0.13	mg/L	0.012	0.0030	1	12/06/2024 11:27	12/10/2024 16:39	J
Beryllium	0.0020 U	mg/L	0.0080	0.0020	1	12/06/2024 11:27	12/10/2024 16:39	J
Cadmium	0.00050 U	mg/L	0.0020	0.0005 0	1	12/06/2024 11:27	12/10/2024 16:39	J
Chromium	0.0050 U	mg/L	0.020	0.0050	1	12/06/2024 11:27	12/10/2024 16:39	J
Cobalt	0.019	mg/L	0.0040	0.0010	1	12/06/2024 11:27	12/10/2024 16:39	J
Copper	0.010 U	mg/L	0.040	0.010	1	12/06/2024 11:27	12/10/2024 16:39	J
Iron	1.7	mg/L	0.80	0.20	1	12/06/2024 11:27	12/10/2024 16:39	J
Lead	0.0030 U	mg/L	0.012	0.0030	1	12/06/2024 11:27	12/10/2024 16:39	J
Nickel	0.010 U	mg/L	0.040	0.010	1	12/06/2024 11:27	12/10/2024 16:39	J
Selenium	0.040 U	mg/L	0.16	0.040	1	12/06/2024 11:27	12/10/2024 16:39	J
Silver	0.0080 U	mg/L	0.032	0.0080	1	12/06/2024 11:27	12/10/2024 16:39	J
Sodium	84	mg/L	3.2	0.80	1	12/06/2024 11:27	12/10/2024 16:39	J
Tin	0.040 U	mg/L	0.16	0.040	1	12/06/2024 11:27	12/10/2024 16:39	J
Vanadium	0.013	mg/L	0.0080	0.0020	1	12/06/2024 11:27	12/10/2024 16:39	J
Zinc	0.050 U	mg/L	0.20	0.050	1	12/06/2024 11:27	12/10/2024 16:39	J
METALS (SW-846 3010A/SW-846	6 6020)							
Antimony	1.0 U	ug/L	4.0	1.0	1	12/05/2024 04:00	12/06/2024 17:47	J
Thallium	0.25 U	ug/L	1.0	0.25	1	12/05/2024 04:00	12/06/2024 17:47	J
VOLATILES (SW-846 5030B/SW	-846 8260D (SIN	<b>/</b> I))						
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	11/26/2024 01:51	11/26/2024 08:13	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	11/26/2024 01:51	11/26/2024 08:13	J
VOLATILES (SW-846 5030B/SW	-846 8260D)							
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 52 of 115

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

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<b>Lab ID:</b> J2417354012 <b>Sample ID:</b> CW-8		Date Collec Date Recei		11/20/2024 13:40 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PC	L MDL	DF	Prepared	Analyzed	Lab
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:13	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
1,2-Dibromo-3-Chloropropane	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 08:13	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:13	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Acetone	1.6 I	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	11/26/2024 01:51	11/26/2024 08:13	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Allyl Chloride(3-Chloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Benzene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
		-						

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 53 of 115

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

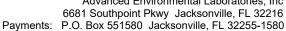
<b>Lab ID:</b> J2417354012 <b>Sample ID:</b> CW-8		Date Collected:         11/20/2024 13:40         Matrix:         Water           Date Received:         11/21/2024 09:50						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 08:13	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:13	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Ethylene Dibromide (EDB)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
lodomethane (Methyl lodide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	11/26/2024 01:51	11/26/2024 08:13	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 08:13	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 08:13	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Styrene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Toluene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:13	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/26/2024 01:51	11/26/2024 08:13	J

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12/05/2024 15:17

11/26/2024 19:38

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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

WET CHEMISTRY (EPA 350.1)

WET CHEMISTRY (SM 2540 C)

**Total Dissolved Solids** 

Ammonia (N)

<b>Analytical Results</b>								
Lab ID: J2417354012 Sample ID: CW-8		Date Collected:         11/20/2024 13:40         Matrix:         Water           Date Received:         11/21/2024 09:50						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:13	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:13	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:13	J
WET CHEMISTRY (EPA 300.0)								
Chloride	31 I	mg/L	40	10	5	11/23/2024 18:12	11/23/2024 18:12	J
Nitrate (as N)	1.0 U	mg/L	4.0	1.0	5	11/23/2024 18:12	11/23/2024 18:12	J

0.35

10

20

12/05/2024 15:17

11/26/2024 19:38

0.80

10

**16** mg/L

820 mg/L

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	70 - 128	J
Toluene-d8 (S)	ug/L	50	50	99	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	46	92	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 128	J
Toluene-d8 (S)	ug/L	50	52	104	77 - 119	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 55 of 115

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## **FINAL - REVISION**

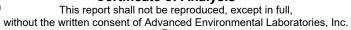
Workorder: 1503.01 (J2417354)

## **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	J









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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Alialytical Nesults	Ana	vtical	Results
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	J2417354013 CW-15		Date Collecte Date Receive				<b>Matrix:</b> Water		
Parameter		Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-	846 3010A/SW-846 6010)	)							
Aluminum		150	mg/L	0.80	0.20	10	12/06/2024 11:27	12/11/2024 19:49	J
Arsenic		0.0086 I	mg/L	0.032		1	12/06/2024 11:27	12/10/2024 16:43	J
Barium		0.21	mg/L	0.012		1	12/06/2024 11:27	12/10/2024 16:43	J
Beryllium		0.0062 I	mg/L	0.0080	0.0020	1	12/06/2024 11:27	12/10/2024 16:43	J
Cadmium	0.0	00050 U	mg/L	0.0020	0.0005 0	1	12/06/2024 11:27	12/10/2024 16:43	J
Chromium		0.12	mg/L	0.020	0.0050	1	12/06/2024 11:27	12/10/2024 16:43	J
Cobalt		0.038	mg/L	0.0040	0.0010	1	12/06/2024 11:27	12/10/2024 16:43	J
Copper		0.073	mg/L	0.040	0.010	1	12/06/2024 11:27	12/10/2024 16:43	J
Iron		24	mg/L	0.80	0.20	1	12/06/2024 11:27	12/10/2024 16:43	J
Lead		0.081	mg/L	0.012	0.0030	1	12/06/2024 11:27	12/10/2024 16:43	J
Nickel		0.010 U	mg/L	0.040	0.010	1	12/06/2024 11:27	12/10/2024 16:43	J
Selenium		0.040 U	mg/L	0.16	0.040	1	12/06/2024 11:27	12/10/2024 16:43	J
Silver	0	U 0800.0	mg/L	0.032	0.0080	1	12/06/2024 11:27	12/10/2024 16:43	J
Sodium		22	mg/L	3.2	0.80	1	12/06/2024 11:27	12/10/2024 16:43	J
Tin		0.040 U	mg/L	0.16	0.040	1	12/06/2024 11:27	12/10/2024 16:43	J
Vanadium		0.39	mg/L	0.0080	0.0020	1	12/06/2024 11:27	12/10/2024 16:43	J
Zinc		0.066 I	mg/L	0.20	0.050	1	12/06/2024 11:27	12/10/2024 16:43	J
METALS (SW-	846 3010A/SW-846 6020)	)							
Antimony		1.0 U	ug/L	4.0	1.0	1	12/05/2024 04:00	12/06/2024 17:53	J
Thallium		2.5	ug/L	1.0	0.25	1	12/05/2024 04:00	12/06/2024 17:53	J
SEMIVOLATIL	ES (8151/EPA 8151)								
2,4,5-T		2.0 U	ug/L	8.0	2.0	1	11/24/2024 11:00	11/28/2024 03:00	J
2,4-D		2.0 U	ug/L	8.0	2.0	1	11/24/2024 11:00	11/28/2024 03:00	J
2,4-DB		2.0 U	ug/L	8.0	2.0	1	11/24/2024 11:00	11/28/2024 03:00	J
Dalapon		8.0 U	ug/L	32	8.0	1	11/24/2024 11:00	11/28/2024 03:00	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 57 of 115

1.0 U ug/L

Dicamba

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1.0

11/24/2024 11:00





11/28/2024 03:00



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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Alialytical Nesults	Ana	vtical	Results
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<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Colle Date Rece				<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dichloroprop	2.0 U	ug/L	8.0	2.0	1	11/24/2024 11:00	11/28/2024 03:00	J
Dinoseb	0.70 U	ug/L	2.8	0.70	1	11/24/2024 11:00	11/28/2024 03:00	J
Pentachlorophenol	0.30 U	ug/L	1.0	0.30	1	11/24/2024 11:00	11/28/2024 03:00	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	11/24/2024 11:00	11/28/2024 03:00	J
SEMIVOLATILES (SW-846 351	0C/EPA 8081)							
4,4`-DDD	0.0016 U	ug/L	0.020	0.0016	1	11/24/2024 11:00	11/25/2024 23:01	J
4,4`-DDE	0.0037 U	ug/L	0.020	0.0037	1	11/24/2024 11:00	11/25/2024 23:01	J
4,4`-DDT	0.0021 U	ug/L	0.020	0.0021	1	11/24/2024 11:00	11/25/2024 23:01	J
Aldrin	0.0019 U	ug/L	0.020	0.0019	1	11/24/2024 11:00	11/25/2024 23:01	J
Chlordane (technical)	0.053 U	ug/L	0.20	0.053	1	11/24/2024 11:00	11/25/2024 23:01	J
Dieldrin	0.0011 U	ug/L	0.020	0.0011	1	11/24/2024 11:00	11/25/2024 23:01	J
Endosulfan I	0.0031 U	ug/L	0.020	0.0031	1	11/24/2024 11:00	11/25/2024 23:01	J
Endosulfan II	0.0026 U	ug/L	0.020	0.0026	1	11/24/2024 11:00	11/25/2024 23:01	J
Endosulfan Sulfate	0.0032 U	ug/L	0.020	0.0032	1	11/24/2024 11:00	11/25/2024 23:01	J
Endrin	0.0017 U	ug/L	0.020	0.0017	1	11/24/2024 11:00	11/25/2024 23:01	J
Endrin Aldehyde	0.0025 U	ug/L	0.020	0.0025	1	11/24/2024 11:00	11/25/2024 23:01	J
Heptachlor	0.0035 U	ug/L	0.020	0.0035	1	11/24/2024 11:00	11/25/2024 23:01	J
Heptachlor Epoxide	0.0017 U	ug/L	0.020	0.0017	1	11/24/2024 11:00	11/25/2024 23:01	J
Methoxychlor	0.0058 U	ug/L	0.020	0.0058	1	11/24/2024 11:00	11/25/2024 23:01	J
Toxaphene	0.12 U	ug/L	0.20	0.12	1	11/24/2024 11:00	11/25/2024 23:01	J
alpha-BHC	0.0030 U	ug/L	0.020	0.0030	1	11/24/2024 11:00	11/25/2024 23:01	J
beta-BHC	0.0019 U	ug/L	0.020	0.0019	1	11/24/2024 11:00	11/25/2024 23:01	J
delta-BHC	0.00086 U	ug/L	0.020	0.0008 6	1	11/24/2024 11:00	11/25/2024 23:01	J
gamma-BHC (Lindane)	0.0018 U	ug/L	0.020	0.0018	1	11/24/2024 11:00	11/25/2024 23:01	J
SEMIVOLATILES (SW-846 351	0C/EPA 8141)							
Atrazine	0.071 U	ug/L	0.20	0.071	1	11/24/2024 11:00	12/04/2024 05:45	J
Azinphos-methyl	0.057 U	ug/L	0.20	0.057	1	11/24/2024 11:00	12/04/2024 05:45	J

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Workorder: 1503.01 (J2417354)

<b>Analytical</b>	Results
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<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Collec Date Recei		11/20/2024 15:15 11/21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
Chlorpyrifos	0.041 U	ug/L	0.2	0.041	1	11/24/2024 11:00	12/04/2024 05:45	J
Chlorpyrifos-methyl	0.060 U	ug/L	0.2	0.060	1	11/24/2024 11:00	12/04/2024 05:45	J
Demeton	0.060 U	ug/L	0.2	0.060	1	11/24/2024 11:00	12/04/2024 05:45	J
Diazinon	0.055 U	ug/L	0.2	0.055	1	11/24/2024 11:00	12/04/2024 05:45	J
Dimethoate	0.054 U	ug/L	0.2	0.054	1	11/24/2024 11:00	12/04/2024 05:45	J
Disulfoton	0.041 U	ug/L	0.2	0.041	1	11/24/2024 11:00	12/04/2024 05:45	J
Ethion	0.069 U	ug/L	0.2	0.069	1	11/24/2024 11:00	12/04/2024 05:45	J
Ethoprop	0.047 U	ug/L	0.2	0.047	1	11/24/2024 11:00	12/04/2024 05:45	J
Famphur	0.11 U	ug/L	0.2	0 0.11	1	11/24/2024 11:00	12/04/2024 05:45	J
Fensulfothion	0.047 U	ug/L	0.2	0.047	1	11/24/2024 11:00	12/04/2024 05:45	J
Fonophos	0.050 U	ug/L	0.2	0.050	1	11/24/2024 11:00	12/04/2024 05:45	J
Malathion	0.073 U	ug/L	0.2	0.073	1	11/24/2024 11:00	12/04/2024 05:45	J
Merphos	0.057 U	ug/L	0.2	0.057	1	11/24/2024 11:00	12/04/2024 05:45	J
Methyl Parathion	0.054 U	ug/L	0.2	0.054	1	11/24/2024 11:00	12/04/2024 05:45	J
Mevinphos	0.055 U	ug/L	0.2	0.055	1	11/24/2024 11:00	12/04/2024 05:45	J
Parathion (Ethyl)	0.064 U	ug/L	0.2	0.064	1	11/24/2024 11:00	12/04/2024 05:45	J
Phorate	0.044 U	ug/L	0.2	0.044	1	11/24/2024 11:00	12/04/2024 05:45	J
Phosmet	0.076 U	ug/L	0.2	0.076	1	11/24/2024 11:00	12/04/2024 05:45	J
Ronnel	0.048 U	ug/L	0.2	0.048	1	11/24/2024 11:00	12/04/2024 05:45	J
Simazine	0.072 U	ug/L	0.2	0.072	1	11/24/2024 11:00	12/04/2024 05:45	J
SEMIVOLATILES (SW-846 35100	C/SW-846 8082	<b>A</b> )						
Aroclor 1016 (PCB-1016)	0.12 U	ug/L	0.5	0.12	1	11/24/2024 11:00	11/25/2024 23:01	J
Aroclor 1221 (PCB-1221)	0.12 U	ug/L	0.5	0 0.12	1	11/24/2024 11:00	11/25/2024 23:01	J
Aroclor 1232 (PCB-1232)	0.12 U	ug/L	0.5	0.12	1	11/24/2024 11:00	11/25/2024 23:01	J
Aroclor 1242 (PCB-1242)	0.12 U	ug/L	0.5	0 0.12	1	11/24/2024 11:00	11/25/2024 23:01	J
Aroclor 1248 (PCB-1248)	0.12 U	ug/L	0.5	0 0.12	1	11/24/2024 11:00	11/25/2024 23:01	J
Aroclor 1254 (PCB-1254)	0.12 U	ug/L	0.5	0 0.12	1	11/24/2024 11:00	11/25/2024 23:01	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analytical Res</b>
-----------------------

<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15			bllected: 11/20/2024 15:1 eceived: 11/21/2024 09:5					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Aroclor 1260 (PCB-1260)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/25/2024 23:01	J
SEMIVOLATILES (SW-846 3510C/SW	/-846 82700	C)						
1,2,4,5-Tetrachlorobenzene	1.5 U	ug/L	5.6	1.5	1	11/23/2024 11:00	12/03/2024 02:36	J
1,2,4-Trichlorobenzene	0.78 U	ug/L	5.6	0.78	1	11/23/2024 11:00	12/03/2024 02:36	J
1,2-Dichlorobenzene	1.6 U	ug/L	5.6	1.6	1	11/23/2024 11:00	12/03/2024 02:36	J
1,2-Diphenylhydrazine	1.1 U	ug/L	5.6	1.1	1	11/23/2024 11:00	12/03/2024 02:36	J
1,3,5-Trinitrobenzene	2.8 U	ug/L	5.6	2.8	1	11/23/2024 11:00	12/03/2024 02:36	J
1,3-Dichlorobenzene	1.2 U	ug/L	5.6	1.2	1	11/23/2024 11:00	12/03/2024 02:36	J
1,3-Dinitrobenzene	2.3 U	ug/L	5.6	2.3	1	11/23/2024 11:00	12/03/2024 02:36	J
1,4-Dichlorobenzene	2.2 U	ug/L	5.6	2.2	1	11/23/2024 11:00	12/03/2024 02:36	J
1,4-Naphthoquinone	5.4 U	ug/L	5.6	5.4	1	11/23/2024 11:00	12/03/2024 02:36	J
1,4-Phenylenediamine	5.6 U	ug/L	90	5.6	1	11/23/2024 11:00	12/03/2024 02:36	J
1-Methylnaphthalene	0.056 U	ug/L	0.45	0.056	1	11/23/2024 11:00	12/03/2024 02:36	J
1-Naphthylamine	1.1 U	ug/L	5.6	1.1	1	11/23/2024 11:00	12/03/2024 02:36	J
2,3,4,6-Tetrachlorophenol	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
2,4,5-Trichlorophenol	1.5 U	ug/L	5.6	1.5	1	11/23/2024 11:00	12/03/2024 02:36	J
2,4,6-Trichlorophenol	1.6 U	ug/L	5.6	1.6	1	11/23/2024 11:00	12/03/2024 02:36	J
2,4-Dichlorophenol	1.0 U	ug/L	5.6	1.0	1	11/23/2024 11:00	12/03/2024 02:36	J
2,4-Dimethylphenol	2.9 U	ug/L	5.6	2.9	1	11/23/2024 11:00	12/03/2024 02:36	J
2,4-Dinitrophenol	1.2 U	ug/L	11	1.2	1	11/23/2024 11:00	12/03/2024 02:36	J
2,4-Dinitrotoluene (2,4-DNT)	2.1 U	ug/L	5.6	2.1	1	11/23/2024 11:00	12/03/2024 02:36	J
2,6-Dichlorophenol	1.5 U	ug/L	5.6	1.5	1	11/23/2024 11:00	12/03/2024 02:36	J
2,6-Dinitrotoluene (2,6-DNT)	2.2 U	ug/L	5.6	2.2	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Acetylaminofluorene	4.0 U	ug/L	5.6	4.0	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Chloronaphthalene	1.9 U	ug/L	5.6	1.9	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Chlorophenol	1.7 U	ug/L	5.6	1.7	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Methyl-4,6-dinitrophenol	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J

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Workorder: 1503.01 (J2417354)

_		_	
Ana	lvtical	Res	ults

<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Colle Date Rece		)24 15:15 )24 09:50		Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Methylnaphthalene	0.055 U	ug/L	0.22	0.055	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Methylphenol (o-Cresol)	1.6 U	ug/L	5.6	1.6	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Naphthylamine	1.0 U	ug/L	5.6	1.0	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Nitroaniline	1.7 U	ug/L	5.6	1.7	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Nitrophenol	0.71 U	ug/L	5.6	0.71	1	11/23/2024 11:00	12/03/2024 02:36	J
2-Picoline (2-Methylpyridine)	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
3+4-Methylphenol(mp-Cresol)	1.1 U	ug/L	5.6	1.1	1	11/23/2024 11:00	12/03/2024 02:36	J
3,3'-Dimethylbenzidine	2.7 U	ug/L	5.6	2.7	1	11/23/2024 11:00	12/03/2024 02:36	J
3,3`-Dichlorobenzidine	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
3-Methylcholanthrene	2.1 U	ug/L	5.6	2.1	1	11/23/2024 11:00	12/03/2024 02:36	J
3-Nitroaniline	1.2 U	ug/L	5.6	1.2	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Aminobiphenyl	0.69 U	ug/L	5.6	0.69	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Bromophenyl Phenyl Ether	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Chloro-3-methylphenol	0.71 U	ug/L	5.6	0.71	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Chloroaniline	1.0 U	ug/L	5.6	1.0	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Chlorophenyl Phenyl Ether	1.8 U	ug/L	5.6	1.8	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Dimethyl aminoazobenzene	0.82 U	ug/L	5.6	0.82	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Nitroaniline	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
4-Nitrophenol	3.2 U	ug/L	5.6	3.2	1	11/23/2024 11:00	12/03/2024 02:36	J
5-Nitro-o-toluidine	3.2 U	ug/L	5.6	3.2	1	11/23/2024 11:00	12/03/2024 02:36	J
7,12-Dimethylbenz[a]anthracene	1.2 U	ug/L	5.6	1.2	1	11/23/2024 11:00	12/03/2024 02:36	J
Acenaphthene	0.045 U	ug/L	0.22	0.045	1	11/23/2024 11:00	12/03/2024 02:36	J
Acenaphthylene	0.047 U	ug/L	0.22	0.047	1	11/23/2024 11:00	12/03/2024 02:36	J
Acetophenone	1.8 U	ug/L	5.6	1.8	1	11/23/2024 11:00	12/03/2024 02:36	J
Aniline	1.0 U	ug/L	5.6	1.0	1	11/23/2024 11:00	12/03/2024 02:36	J
Anthracene	0.040 U	ug/L	0.22	0.040	1	11/23/2024 11:00	12/03/2024 02:36	J
Benzidine	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J

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Workorder: 1503.01 (J2417354)

Analy	tical	Resul	ts
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<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Colle Date Rece		024 15:15 024 09:50		Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Benzo[a]anthracene	0.014 U	ug/L	0.22	0.014	1	11/23/2024 11:00	12/03/2024 02:36	J
Benzo[a]pyrene	0.041 U	ug/L	0.22	0.041	1	11/23/2024 11:00	12/03/2024 02:36	J
Benzo[b]fluoranthene	0.014 U	ug/L	0.11	0.014	1	11/23/2024 11:00	12/03/2024 02:36	J
Benzo[g,h,i]perylene	0.053 U	ug/L	0.22	0.053	1	11/23/2024 11:00	12/03/2024 02:36	J
Benzo[k]fluoranthene	0.054 U	ug/L	0.22	0.054	1	11/23/2024 11:00	12/03/2024 02:36	J
Benzoic Acid	0.88 U	ug/L	11	0.88	1	11/23/2024 11:00	12/03/2024 02:36	J
Benzyl Alcohol	2.6 U	ug/L	5.6	2.6	1	11/23/2024 11:00	12/03/2024 02:36	J
Butyl benzyl phthalate	1.2 U	ug/L	5.6	1.2	1	11/23/2024 11:00	12/03/2024 02:36	J
Chlorobenzilate	2.3 U	ug/L	5.6	2.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Chrysene	0.037 U	ug/L	0.22	0.037	1	11/23/2024 11:00	12/03/2024 02:36	J
Di-n-Butyl Phthalate	3.91	ug/L	5.6	0.99	1	11/23/2024 11:00	12/03/2024 02:36	J
Di-n-octyl Phthalate	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
Diallate	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Dibenzo[a,h]anthracene	0.027 U	ug/L	0.22	0.027	1	11/23/2024 11:00	12/03/2024 02:36	J
Dibenzofuran	0.078 U	ug/L	5.6	0.078	1	11/23/2024 11:00	12/03/2024 02:36	J
Diethyl phthalate	2.3 U	ug/L	5.6	2.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Dimethoate	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Dimethyl phthalate	2.0 U	ug/L	11	2.0	1	11/23/2024 11:00	12/03/2024 02:36	J
Dinoseb	2.6 U	ug/L	5.6	2.6	1	11/23/2024 11:00	12/03/2024 02:36	J
Diphenylamine	2.3 U	ug/L	5.6	2.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Disulfoton	2.4 U	ug/L	5.6	2.4	1	11/23/2024 11:00	12/03/2024 02:36	J
Ethyl methanesulfonate	1.0 U	ug/L	5.6	1.0	1	11/23/2024 11:00	12/03/2024 02:36	J
Famphur	2.3 U	ug/L	5.6	2.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Fluoranthene	0.041 U	ug/L	0.22	0.041	1	11/23/2024 11:00	12/03/2024 02:36	J
Fluorene	0.043 U	ug/L	0.22	0.043	1	11/23/2024 11:00	12/03/2024 02:36	J
Hexachlorobenzene	1.1 U	ug/L	5.6	1.1	1	11/23/2024 11:00	12/03/2024 02:36	J
Hexachlorobutadiene	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Collec Date Recei		11/20/2024 15:15 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
Hexachlorocyclopentadiene	1.2 U	ug/L	5.6	1.2	1	11/23/2024 11:00	12/03/2024 02:36	J
Hexachloroethane	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
Hexachloropropene	3.0 U	ug/L	5.6	3.0	1	11/23/2024 11:00	12/03/2024 02:36	J
Indeno(1,2,3-cd)pyrene	0.013 U	ug/L	0.2	2 0.013	1	11/23/2024 11:00	12/03/2024 02:36	J
Isodrin	3.5 U	ug/L	5.6	3.5	1	11/23/2024 11:00	12/03/2024 02:36	J
Isophorone	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Isosafrole	3.5 U	ug/L	5.6	3.5	1	11/23/2024 11:00	12/03/2024 02:36	J
Kepone	5.8 U	ug/L	90	5.8	1	11/23/2024 11:00	12/03/2024 02:36	J
Methapyrilene	2.1 U	ug/L	5.6	2.1	1	11/23/2024 11:00	12/03/2024 02:36	J
Methyl Methanesulfonate	0.76 U	ug/L	5.6	0.76	1	11/23/2024 11:00	12/03/2024 02:36	J
Methyl Parathion	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosodi-n-butylamine	1.7 U	ug/L	5.6	1.7	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosodi-n-propylamine	2.5 U	ug/L	5.6	2.5	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosodiethylamine	2.4 U	ug/L	5.6	2.4	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosodimethylamine	1.0 U	ug/L	5.6	1.0	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosodiphenylamine	2.3 U	ug/L	5.6	2.3	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosomethylethylamine	3.0 U	ug/L	5.6	3.0	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosopiperidine	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
N-Nitrosopyrrolidine	2.4 U	ug/L	5.6	2.4	1	11/23/2024 11:00	12/03/2024 02:36	J
Naphthalene	0.054 U	ug/L	0.2	2 0.054	1	11/23/2024 11:00	12/03/2024 02:36	J
Nitrobenzene	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Nitroquinoline-1-oxide	2.2 U	ug/L	5.6	2.2	1	11/23/2024 11:00	12/03/2024 02:36	J
Pentachlorobenzene	1.5 U	ug/L	5.6	1.5	1	11/23/2024 11:00	12/03/2024 02:36	J
Pentachloronitrobenzene	2.0 U	ug/L	5.6	2.0	1	11/23/2024 11:00	12/03/2024 02:36	J
Pentachlorophenol	1.1 U	ug/L	5.6	1.1	1	11/23/2024 11:00	12/03/2024 02:36	J
Phenacetin	3.5 U	ug/L	5.6	3.5	1	11/23/2024 11:00	12/03/2024 02:36	J
Phenanthrene	0.045 U	ug/L	0.2	2 0.045	1	11/23/2024 11:00	12/03/2024 02:36	J

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Workorder: 1503.01 (J2417354)

<b>Analytical Resu</b>	<b>Anal</b>	vtical	Resu	Its
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<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Colle Date Rece		024 15:15 024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Phenol	0.61 U	ug/L	5.6	0.61	1	11/23/2024 11:00	12/03/2024 02:36	J
Phorate	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
Pronamide (Kerb)	4.1 U	ug/L	5.6	4.1	1	11/23/2024 11:00	12/03/2024 02:36	J
Pyrene	0.040 U	ug/L	0.22	0.040	1	11/23/2024 11:00	12/03/2024 02:36	J
Safrole	3.9 U	ug/L	5.6	3.9	1	11/23/2024 11:00	12/03/2024 02:36	J
Thionazin (Zinophos)	1.3 U	ug/L	5.6	1.3	1	11/23/2024 11:00	12/03/2024 02:36	J
a,a-Dimethylphenethylamine	2.1 U	ug/L	5.6	2.1	1	11/23/2024 11:00	12/03/2024 02:36	J
bis(2-Chloroethoxy)methane	1.4 U	ug/L	5.6	1.4	1	11/23/2024 11:00	12/03/2024 02:36	J
bis(2-Chloroethyl)Ether	1.6 U	ug/L	5.6	1.6	1	11/23/2024 11:00	12/03/2024 02:36	J
bis(2-Chloroisopropyl) Ether	1.6 U	ug/L	5.6	1.6	1	11/23/2024 11:00	12/03/2024 02:36	J
bis(2-Ethylhexyl) phthalate	2.2 U	ug/L	5.6	2.2	1	11/23/2024 11:00	12/03/2024 02:36	J
o,o,o-Triethylphosphorothioate	3.3 U	ug/L	5.6	3.3	1	11/23/2024 11:00	12/03/2024 02:36	J
o-Toluidine	2.7 U	ug/L	5.6	2.7	1	11/23/2024 11:00	12/03/2024 02:36	J
VOLATILES (SW-846 5030B/SW-	-846 8260D (SIN	1))						
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	11/26/2024 01:51	11/26/2024 08:37	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	11/26/2024 01:51	11/26/2024 08:37	J
VOLATILES (SW-846 5030B/SW-	-846 8260D)							
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:37	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
1,2-Dibromo-3-Chloropropane	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 08:37	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Alialytical Nesults	Ana	vtical	Results
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<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Collec Date Recei		11/20/2024 15:15 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PC	L MDL	DF	Prepared	Analyzed	Lab
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:37	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Acetone	4.7	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	11/26/2024 01:51	11/26/2024 08:37	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Allyl Chloride(3-Chloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Benzene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 08:37	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:37	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analy	ytical	Results
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	2417354013 CW-15		Date Colle Date Rece		1/20/2024 15:15 1/21/2024 09:50		<b>Matrix:</b> Water	•	
Parameter		Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	е	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Dichlorodifluoron	methane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Ethyl Methacryla	ite	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Ethylbenzene		0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Ethylene Dibrom	nide (EDB)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Iodomethane (M	ethyl lodide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Isobutyl Alcohol		2.5 U	ug/L	10	2.5	1	11/26/2024 01:51	11/26/2024 08:37	J
Methacrylonitrile		0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Methyl Methacry	rlate	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 08:37	J
Methylene Chlor	ride	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 08:37	J
Propionitrile (Eth	nyl cyanide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Styrene		0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Tetrachloroethyle	ene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Toluene		0.33 I	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Trichloroethene		0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Trichlorofluorom	ethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Vinyl Acetate		0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
Vinyl Chloride		0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 08:37	J
Xylene (Total)		0.75 U	ug/L	3.0	0.75	1	11/26/2024 01:51	11/26/2024 08:37	J
cis-1,2-Dichloroe	ethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
cis-1,3-Dichlorop	oropene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:37	J
trans-1,2-Dichlor	roethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
trans-1,3-Dichlor	ropropylene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 08:37	J
trans-1,4-Dichlor	ro-2-butene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 08:37	J
WET CHEMISTF	RY (EPA 300.0)								
Chloride		20	mg/L	16	4.0	2	11/22/2024 14:06	11/22/2024 14:06	J
Nitrate (as N)		1.1 I	mg/L	1.6	0.40	2	11/22/2024 14:06	11/22/2024 14:06	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **Analytical Results**

<b>Lab ID:</b> J2417354013 <b>Sample ID:</b> CW-15		Date Colle Date Rece		24 15:15 24 09:50		<b>Matrix:</b> Water	•	
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.017 U	mg/L	0.040	0.017	1	12/05/2024 15:27	12/05/2024 15:27	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	390	mg/L	11	11	1.1 111 111 111 111	11/27/2024 08:24	11/27/2024 08:24	J

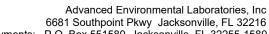
Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/L	0.50	0.24	49	48 - 137	J
Tetrachloro-m-xylene (S)	ug/L	1	0.70	70	44 - 124	J
2,4,6-Tribromophenol (S)	ug/L	56	45	80	48 - 147	J
Phenol-d6 (S)	ug/L	56	13	24	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	56	40	71	42 - 138	J
2-Fluorophenol (S)	ug/L	56	20	36	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	56	37	67	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	56	50	89	61 - 154	J
Decachlorobiphenyl (S)	ug/L	0.50	0.24	49	44 - 136	J
Tetrachloro-m-xylene (S)	ug/L	1	0.70	70	61 - 119	J
2,4-Dichlorophenylacetic acid (S)	ug/L	100	110	114	41 - 122	J

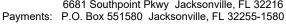
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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	47	95	70 - 128	J
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	48	95	86 - 123	J
Tributylphosphate (S)	ug/L	1	0.72	72	48.50 - 121	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	J









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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analy	ytical	Results
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Lab ID: Sample ID:	J2417354014 MW-13		Date Collecte Date Receive				Matrix: Water		
Parameter	R	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW	7-846 3010A/SW-846 6010)								
Aluminum		1.3	mg/L	0.080	0.020	1	12/06/2024 11:27	12/10/2024 16:48	J
Arsenic	0	.0093 I	mg/L	0.032	0.0080	1	12/06/2024 11:27	12/10/2024 16:48	J
Barium	0	.0080 I	mg/L	0.012	0.0030	1	12/06/2024 11:27	12/10/2024 16:48	J
Beryllium	0.0	0020 U	mg/L	0.0080	0.0020	1	12/06/2024 11:27	12/10/2024 16:48	J
Cadmium	0.00	0050 U	mg/L	0.0020	0.0005 0	1	12/06/2024 11:27	12/10/2024 16:48	J
Chromium	0.0	0050 U	mg/L	0.020	0.0050	1	12/06/2024 11:27	12/10/2024 16:48	J
Cobalt	0.0	0010 U	mg/L	0.0040	0.0010	1	12/06/2024 11:27	12/10/2024 16:48	J
Copper	0	0.010 U	mg/L	0.040	0.010	1	12/06/2024 11:27	12/10/2024 16:48	J
Iron		0.27 I	mg/L	0.80	0.20	1	12/06/2024 11:27	12/10/2024 16:48	J
Lead	0.0	0030 U	mg/L	0.012	0.0030	1	12/06/2024 11:27	12/10/2024 16:48	J
Nickel	0	0.010 U	mg/L	0.040	0.010	1	12/06/2024 11:27	12/10/2024 16:48	J
Selenium	0	0.040 U	mg/L	0.16	0.040	1	12/06/2024 11:27	12/10/2024 16:48	J
Silver	0.0	U 0800	mg/L	0.032	0.0080	1	12/06/2024 11:27	12/10/2024 16:48	J
Sodium		23	mg/L	3.2	0.80	1	12/06/2024 11:27	12/10/2024 16:48	J
Tin	0	0.040 U	mg/L	0.16	0.040	1	12/06/2024 11:27	12/10/2024 16:48	J
Vanadium	0	.0026 I	mg/L	0.0080	0.0020	1	12/06/2024 11:27	12/10/2024 16:48	J
Zinc	0	0.050 U	mg/L	0.20	0.050	1	12/06/2024 11:27	12/10/2024 16:48	J
METALS (SW	7-846 3010A/SW-846 6020)								
Antimony		1.0 U	ug/L	4.0	1.0	1	12/05/2024 04:00	12/06/2024 17:59	J
Thallium		0.25 U	ug/L	1.0	0.25	1	12/05/2024 04:00	12/06/2024 17:59	J
SEMIVOLATI	LES (8151/EPA 8151)								
2,4,5-T		2.0 U	ug/L	8.0	2.0	1	11/24/2024 11:00	11/28/2024 03:33	J

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 69 of 115

2,4-D

2,4-DB

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8.0

8.0

32

4.0

2.0 U ug/L

8.0 U ug/L

1.0 U ug/L

ug/L

2.0 U

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2.0

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1.0

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11/24/2024 11:00

11/24/2024 11:00

11/24/2024 11:00

11/24/2024 11:00





11/28/2024 03:33

11/28/2024 03:33

11/28/2024 03:33

11/28/2024 03:33



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Workorder: 1503.01 (J2417354)

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<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Colle Date Rece				<b>Matrix:</b> Water	-	
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dichloroprop	2.0 U	ug/L	8.0	2.0	1	11/24/2024 11:00	11/28/2024 03:33	J
Dinoseb	0.70 U	ug/L	2.8	0.70	1	11/24/2024 11:00	11/28/2024 03:33	J
Pentachlorophenol	0.30 U	ug/L	1.0	0.30	1	11/24/2024 11:00	11/28/2024 03:33	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	11/24/2024 11:00	11/28/2024 03:33	J
SEMIVOLATILES (SW-846 351	0C/EPA 8081)							
4,4`-DDD	0.0016 U	ug/L	0.020	0.0016	1	11/24/2024 11:00	11/27/2024 12:33	J
4,4`-DDE	0.0037 U	ug/L	0.020	0.0037	1	11/24/2024 11:00	11/27/2024 12:33	J
4,4`-DDT	0.0021 U	ug/L	0.020	0.0021	1	11/24/2024 11:00	11/27/2024 12:33	J
Aldrin	0.0019 U	ug/L	0.020	0.0019	1	11/24/2024 11:00	11/27/2024 12:33	J
Chlordane (technical)	0.053 U	ug/L	0.20	0.053	1	11/24/2024 11:00	11/27/2024 12:33	J
Dieldrin	0.0011 U	ug/L	0.020	0.0011	1	11/24/2024 11:00	11/27/2024 12:33	J
Endosulfan I	0.0031 U	ug/L	0.020	0.0031	1	11/24/2024 11:00	11/27/2024 12:33	J
Endosulfan II	0.0026 U	ug/L	0.020	0.0026	1	11/24/2024 11:00	11/27/2024 12:33	J
Endosulfan Sulfate	0.0032 U	ug/L	0.020	0.0032	1	11/24/2024 11:00	11/27/2024 12:33	J
Endrin	0.013 I	ug/L	0.020	0.0017	1	11/24/2024 11:00	11/27/2024 12:33	J
Endrin Aldehyde	0.0025 U	ug/L	0.020	0.0025	1	11/24/2024 11:00	11/27/2024 12:33	J
Heptachlor	0.0035 U	ug/L	0.020	0.0035	1	11/24/2024 11:00	11/27/2024 12:33	J
Heptachlor Epoxide	0.0017 U	ug/L	0.020	0.0017	1	11/24/2024 11:00	11/27/2024 12:33	J
Methoxychlor	0.0058 U	ug/L	0.020	0.0058	1	11/24/2024 11:00	11/27/2024 12:33	J
Toxaphene	0.12 U	ug/L	0.20	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J
alpha-BHC	0.0030 U	ug/L	0.020	0.0030	1	11/24/2024 11:00	11/27/2024 12:33	J
beta-BHC	0.0019 U	ug/L	0.020	0.0019	1	11/24/2024 11:00	11/27/2024 12:33	J
delta-BHC	0.00086 U	ug/L	0.020	0.0008 6	1	11/24/2024 11:00	11/27/2024 12:33	J
gamma-BHC (Lindane)	0.0018 U	ug/L	0.020	0.0018	1	11/24/2024 11:00	11/27/2024 12:33	J
SEMIVOLATILES (SW-846 351	0C/EPA 8141)							
Atrazine	0.071 U	ug/L	0.20	0.071	1	11/24/2024 11:00	12/04/2024 06:16	J
Azinphos-methyl	0.057 U	ug/L	0.20	0.057	1	11/24/2024 11:00	12/04/2024 06:16	J

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Workorder: 1503.01 (J2417354)

Ana	lytical	Results
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Lab ID: Sample ID:	J2417354014 MW-13		Date Collecte Date Receive				Matrix: Water		
Parameter		Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorpyrifos		0.041 U	ug/L	0.20	0.041	1	11/24/2024 11:00	12/04/2024 06:16	J
Chlorpyrifos-m	ethyl	0.060 U	ug/L	0.20	0.060	1	11/24/2024 11:00	12/04/2024 06:16	J
Demeton		0.060 U	ug/L	0.20	0.060	1	11/24/2024 11:00	12/04/2024 06:16	J
Diazinon		0.055 U	ug/L	0.20	0.055	1	11/24/2024 11:00	12/04/2024 06:16	J
Dimethoate		0.054 U	ug/L	0.20	0.054	1	11/24/2024 11:00	12/04/2024 06:16	J
Disulfoton		0.041 U	ug/L	0.20	0.041	1	11/24/2024 11:00	12/04/2024 06:16	J
Ethion		0.069 U	ug/L	0.20	0.069	1	11/24/2024 11:00	12/04/2024 06:16	J
Ethoprop		0.047 U	ug/L	0.20	0.047	1	11/24/2024 11:00	12/04/2024 06:16	J
Famphur		0.11 U	ug/L	0.20	0.11	1	11/24/2024 11:00	12/04/2024 06:16	J
Fensulfothion		0.047 U	ug/L	0.20	0.047	1	11/24/2024 11:00	12/04/2024 06:16	J
Fonophos		0.050 U	ug/L	0.20	0.050	1	11/24/2024 11:00	12/04/2024 06:16	J
Malathion		0.073 U	ug/L	0.20	0.073	1	11/24/2024 11:00	12/04/2024 06:16	J
Merphos		0.057 U	ug/L	0.20	0.057	1	11/24/2024 11:00	12/04/2024 06:16	J
Methyl Parathi	on	0.054 U	ug/L	0.20	0.054	1	11/24/2024 11:00	12/04/2024 06:16	J
Mevinphos		0.055 U	ug/L	0.20	0.055	1	11/24/2024 11:00	12/04/2024 06:16	J
Parathion (Eth	yl)	0.064 U	ug/L	0.20	0.064	1	11/24/2024 11:00	12/04/2024 06:16	J
Phorate		0.044 U	ug/L	0.20	0.044	1	11/24/2024 11:00	12/04/2024 06:16	J
Phosmet		0.076 U	ug/L	0.20	0.076	1	11/24/2024 11:00	12/04/2024 06:16	J
Ronnel		0.048 U	ug/L	0.20	0.048	1	11/24/2024 11:00	12/04/2024 06:16	J
Simazine		0.072 U	ug/L	0.20	0.072	1	11/24/2024 11:00	12/04/2024 06:16	J
SEMIVOLATII	_ES (SW-846 3510C/SW	V-846 8082 <i>F</i>	A)						
Aroclor 1016 (I	PCB-1016)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J
Aroclor 1221 (I	PCB-1221)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J
Aroclor 1232 (I	PCB-1232)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J
Aroclor 1242 (I	PCB-1242)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J
Aroclor 1248 (I	PCB-1248)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J
Aroclor 1254 (I	PCB-1254)	0.12 U	ug/L	0.50	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

Analy	ytical	Results
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Lab ID: Sample ID:	J2417354014 MW-13		Date Colle Date Rece		11/20/2024 16:00 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter		Results	Units	PQ	MDL	DF	Prepared	Analyzed	Lab
Aroclor 1260 (F	PCB-1260)	0.12 U	ug/L	0.5	0.12	1	11/24/2024 11:00	11/27/2024 12:33	J
SEMIVOLATIL	ES (SW-846 3510C/	SW-846 82700	<b>C</b> )						
1,2,4,5-Tetrach	nlorobenzene	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
1,2,4-Trichloro	benzene	0.69 U	ug/L	5.0	0.69	1	11/23/2024 11:00	12/03/2024 03:14	J
1,2-Dichlorobe	nzene	1.4 U	ug/L	5.0	1.4	1	11/23/2024 11:00	12/03/2024 03:14	J
1,2-Diphenylhy	/drazine	0.96 U	ug/L	5.0	0.96	1	11/23/2024 11:00	12/03/2024 03:14	J
1,3,5-Trinitrobe	enzene	2.5 U	ug/L	5.0	2.5	1	11/23/2024 11:00	12/03/2024 03:14	J
1,3-Dichlorobe	nzene	1.0 U	ug/L	5.0	1.0	1	11/23/2024 11:00	12/03/2024 03:14	J
1,3-Dinitrobenz	zene	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 03:14	J
1,4-Dichlorobe	nzene	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 03:14	J
1,4-Naphthoqu	iinone	4.8 U	ug/L	5.0	4.8	1	11/23/2024 11:00	12/03/2024 03:14	J
1,4-Phenylene	diamine	5.0 U	ug/L	80	5.0	1	11/23/2024 11:00	12/03/2024 03:14	J
1-Methylnaphtl	halene	0.050 U	ug/L	0.4	0.050	1	11/23/2024 11:00	12/03/2024 03:14	J
1-Naphthylami	ne	0.95 U	ug/L	5.0	0.95	1	11/23/2024 11:00	12/03/2024 03:14	J
2,3,4,6-Tetrach	nlorophenol	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
2,4,5-Trichloro	phenol	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
2,4,6-Trichloro	phenol	1.4 U	ug/L	5.0	1.4	1	11/23/2024 11:00	12/03/2024 03:14	J
2,4-Dichloroph	enol	0.90 U	ug/L	5.0	0.90	1	11/23/2024 11:00	12/03/2024 03:14	J
2,4-Dimethylph	nenol	2.6 U	ug/L	5.0	2.6	1	11/23/2024 11:00	12/03/2024 03:14	J
2,4-Dinitropher	nol	1.1 U	ug/L	10	1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
2,4-Dinitrotolue	ene (2,4-DNT)	1.8 U	ug/L	5.0	1.8	1	11/23/2024 11:00	12/03/2024 03:14	J
2,6-Dichloroph	enol	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
2,6-Dinitrotolue	ene (2,6-DNT)	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Acetylaminof	fluorene	3.5 U	ug/L	5.0	3.5	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Chloronaphtl	halene	1.7 U	ug/L	5.0	1.7	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Chloropheno	ol .	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Methyl-4,6-d		1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 03:14	J

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Workorder: 1503.01 (J2417354)

<b>Analytical Resu</b>	<b>Anal</b>	vtical	Resu	Its
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<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Collec Date Recei		11/20/2024 16 11/21/2024 09			Matrix: Water		
Parameter	Results	Units	PQ	L	MDL	DF	Prepared	Analyzed	Lab
2-Methylnaphthalene	0.049 U	ug/L	0.2	0	0.049	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.0		1.5	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Naphthylamine	0.89 U	ug/L	5.0		0.89	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Nitroaniline	1.5 U	ug/L	5.0		1.5	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Nitrophenol	0.63 U	ug/L	5.0		0.63	1	11/23/2024 11:00	12/03/2024 03:14	J
2-Picoline (2-Methylpyridine)	1.2 U	ug/L	5.0		1.2	1	11/23/2024 11:00	12/03/2024 03:14	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.0		1.0	1	11/23/2024 11:00	12/03/2024 03:14	J
3,3'-Dimethylbenzidine	2.4 U	ug/L	5.0		2.4	1	11/23/2024 11:00	12/03/2024 03:14	J
3,3`-Dichlorobenzidine	1.3 U	ug/L	5.0		1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
3-Methylcholanthrene	1.9 U	ug/L	5.0		1.9	1	11/23/2024 11:00	12/03/2024 03:14	J
3-Nitroaniline	1.1 U	ug/L	5.0		1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Aminobiphenyl	0.61 U	ug/L	5.0		0.61	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Bromophenyl Phenyl Ether	1.1 U	ug/L	5.0		1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Chloro-3-methylphenol	0.63 U	ug/L	5.0		0.63	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Chloroaniline	0.90 U	ug/L	5.0		0.90	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Chlorophenyl Phenyl Ether	1.6 U	ug/L	5.0		1.6	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Dimethyl aminoazobenzene	0.73 U	ug/L	5.0		0.73	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Nitroaniline	1.3 U	ug/L	5.0		1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
4-Nitrophenol	2.9 U	ug/L	5.0		2.9	1	11/23/2024 11:00	12/03/2024 03:14	J
5-Nitro-o-toluidine	2.9 U	ug/L	5.0		2.9	1	11/23/2024 11:00	12/03/2024 03:14	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.0		1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Acenaphthene	0.040 U	ug/L	0.2	0	0.040	1	11/23/2024 11:00	12/03/2024 03:14	J
Acenaphthylene	0.042 U	ug/L	0.2	0	0.042	1	11/23/2024 11:00	12/03/2024 03:14	J
Acetophenone	1.6 U	ug/L	5.0		1.6	1	11/23/2024 11:00	12/03/2024 03:14	J
Aniline	0.90 U	ug/L	5.0		0.90	1	11/23/2024 11:00	12/03/2024 03:14	J
Anthracene	0.035 U	ug/L	0.2	0	0.035	1	11/23/2024 11:00	12/03/2024 03:14	J
Benzidine	1.2 U	ug/L	5.0		1.2	1	11/23/2024 11:00	12/03/2024 03:14	J

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Workorder: 1503.01 (J2417354)

<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Colle Date Rece				<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Benzo[a]anthracene	0.012 U	ug/L	0.20	0.012	1	11/23/2024 11:00	12/03/2024 03:14	J
Benzo[a]pyrene	0.037 U	ug/L	0.20	0.037	1	11/23/2024 11:00	12/03/2024 03:14	J
Benzo[b]fluoranthene	0.012 U	ug/L	0.10	0.012	1	11/23/2024 11:00	12/03/2024 03:14	J
Benzo[g,h,i]perylene	0.048 U	ug/L	0.20	0.048	1	11/23/2024 11:00	12/03/2024 03:14	J
Benzo[k]fluoranthene	0.048 U	ug/L	0.20	0.048	1	11/23/2024 11:00	12/03/2024 03:14	J
Benzoic Acid	0.78 U	ug/L	10	0.78	1	11/23/2024 11:00	12/03/2024 03:14	J
Benzyl Alcohol	2.4 U	ug/L	5.0	2.4	1	11/23/2024 11:00	12/03/2024 03:14	J
Butyl benzyl phthalate	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Chlorobenzilate	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 03:14	J
Chrysene	0.033 U	ug/L	0.20	0.033	1	11/23/2024 11:00	12/03/2024 03:14	J
Di-n-Butyl Phthalate	0.88 U	ug/L	5.0	0.88	1	11/23/2024 11:00	12/03/2024 03:14	J
Di-n-octyl Phthalate	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Diallate	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Dibenzo[a,h]anthracene	0.024 U	ug/L	0.20	0.024	1	11/23/2024 11:00	12/03/2024 03:14	J
Dibenzofuran	0.069 U	ug/L	5.0	0.069	1	11/23/2024 11:00	12/03/2024 03:14	J
Diethyl phthalate	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Dimethoate	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	1	11/23/2024 11:00	12/03/2024 03:14	J
Dinoseb	2.3 U	ug/L	5.0	2.3	1	11/23/2024 11:00	12/03/2024 03:14	J
Diphenylamine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Disulfoton	2.2 U	ug/L	5.0	2.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Ethyl methanesulfonate	0.91 U	ug/L	5.0	0.91	1	11/23/2024 11:00	12/03/2024 03:14	J
Famphur	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 03:14	J
Fluoranthene	0.037 U	ug/L	0.20	0.037	1	11/23/2024 11:00	12/03/2024 03:14	J
Fluorene	0.038 U	ug/L	0.20	0.038	1	11/23/2024 11:00	12/03/2024 03:14	J
Hexachlorobenzene	0.99 U	ug/L	5.0	0.99	1	11/23/2024 11:00	12/03/2024 03:14	J
Hexachlorobutadiene	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analytical Resu</b>	<b>Anal</b>	vtical	Resu	Its
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<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Collect Date Recei		11/20/2024 16:00 11/21/2024 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
Hexachlorocyclopentadiene	1.0 U	ug/L	5.0	1.0	1	11/23/2024 11:00	12/03/2024 03:14	J
Hexachloroethane	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Hexachloropropene	2.7 U	ug/L	5.0	2.7	1	11/23/2024 11:00	12/03/2024 03:14	J
Indeno(1,2,3-cd)pyrene	0.011 U	ug/L	0.2	0.011	1	11/23/2024 11:00	12/03/2024 03:14	J
Isodrin	3.1 U	ug/L	5.0	3.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Isophorone	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Isosafrole	3.2 U	ug/L	5.0	3.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Kepone	5.2 U	ug/L	80	5.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Methapyrilene	1.8 U	ug/L	5.0	1.8	1	11/23/2024 11:00	12/03/2024 03:14	J
Methyl Methanesulfonate	0.67 U	ug/L	5.0	0.67	1	11/23/2024 11:00	12/03/2024 03:14	J
Methyl Parathion	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosodi-n-propylamine	2.2 U	ug/L	5.0	2.2	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosodiethylamine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosodimethylamine	0.93 U	ug/L	5.0	0.93	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosomethylethylamine	2.7 U	ug/L	5.0	2.7	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosopiperidine	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
N-Nitrosopyrrolidine	2.1 U	ug/L	5.0	2.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Naphthalene	0.048 U	ug/L	0.2	0.048	1	11/23/2024 11:00	12/03/2024 03:14	J
Nitrobenzene	1.1 U	ug/L	5.0	1.1	1	11/23/2024 11:00	12/03/2024 03:14	J
Nitroquinoline-1-oxide	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 03:14	J
Pentachlorobenzene	1.3 U	ug/L	5.0	1.3	1	11/23/2024 11:00	12/03/2024 03:14	J
Pentachloronitrobenzene	1.7 U	ug/L	5.0	1.7	1	11/23/2024 11:00	12/03/2024 03:14	J
Pentachlorophenol	0.95 U	ug/L	5.0	0.95	1	11/23/2024 11:00	12/03/2024 03:14	J
Phenacetin	3.2 U	ug/L	5.0	3.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Phenanthrene	0.054 I	ug/L	0.2	0.040	1	11/23/2024 11:00	12/03/2024 03:14	J

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Workorder: 1503.01 (J2417354)

<b>Analytical Resu</b>	<b>Anal</b>	vtical	Resu	Its
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<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Colle Date Rece				Matrix: Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Phenol	0.54 U	ug/L	5.0	0.54	1	11/23/2024 11:00	12/03/2024 03:14	J
Phorate	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 03:14	J
Pronamide (Kerb)	3.6 U	ug/L	5.0	3.6	1	11/23/2024 11:00	12/03/2024 03:14	J
Pyrene	0.036 U	ug/L	0.20	0.036	1	11/23/2024 11:00	12/03/2024 03:14	J
Safrole	3.5 U	ug/L	5.0	3.5	1	11/23/2024 11:00	12/03/2024 03:14	J
Thionazin (Zinophos)	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 03:14	J
a,a-Dimethylphenethylamine	1.9 U	ug/L	5.0	1.9	1	11/23/2024 11:00	12/03/2024 03:14	J
bis(2-Chloroethoxy)methane	1.2 U	ug/L	5.0	1.2	1	11/23/2024 11:00	12/03/2024 03:14	J
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.0	1.5	1	11/23/2024 11:00	12/03/2024 03:14	J
bis(2-Chloroisopropyl) Ether	1.4 U	ug/L	5.0	1.4	1	11/23/2024 11:00	12/03/2024 03:14	J
bis(2-Ethylhexyl) phthalate	2.0 U	ug/L	5.0	2.0	1	11/23/2024 11:00	12/03/2024 03:14	J
o,o,o-Triethylphosphorothioate	2.9 U	ug/L	5.0	2.9	1	11/23/2024 11:00	12/03/2024 03:14	J
o-Toluidine	2.4 U	ug/L	5.0	2.4	1	11/23/2024 11:00	12/03/2024 03:14	J
VOLATILES (SW-846 5030B/SW-8	46 8260D (SIN	1))						
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	11/26/2024 01:51	11/26/2024 09:01	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	11/26/2024 01:51	11/26/2024 09:01	J
VOLATILES (SW-846 5030B/SW-8	46 8260D)							
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 09:01	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
1,2-Dibromo-3-Chloropropane	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 09:01	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analytical</b>	Results
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<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Collec Date Recei		11/20/2024 16:00 11/21/2024 09:50		Matrix: Water		
Parameter	Results	Units	PQ	L MDL	DF	Prepared	Analyzed	Lab
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
1,3-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 09:01	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Acetone	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	11/26/2024 01:51	11/26/2024 09:01	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Allyl Chloride(3-Chloropropene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Benzene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 09:01	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 09:01	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analytical Res</b>
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<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Colle Date Rece		2024 16:00 2024 09:50		<b>Matrix:</b> Water	•	
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Ethylene Dibromide (EDB)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
lodomethane (Methyl lodide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	11/26/2024 01:51	11/26/2024 09:01	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	11/26/2024 01:51	11/26/2024 09:01	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	11/26/2024 01:51	11/26/2024 09:01	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Styrene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Toluene	0.30 I	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	11/26/2024 01:51	11/26/2024 09:01	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	11/26/2024 01:51	11/26/2024 09:01	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 09:01	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	11/26/2024 01:51	11/26/2024 09:01	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	11/26/2024 01:51	11/26/2024 09:01	J
WET CHEMISTRY (EPA 300.0)								
Chloride	9.6	mg/L	8.0	2.0	1	11/22/2024 14:29	11/22/2024 14:29	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	1	11/22/2024 14:29	11/22/2024 14:29	J

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11/27/2024 08:24

11/27/2024 08:24

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>Analy</b>	tical	Resul	ts
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WET CHEMISTRY (SM 2540 C)

Total Dissolved Solids

<b>Lab ID:</b> J2417354014 <b>Sample ID:</b> MW-13		Date Colle Date Rece		24 16:00 24 09:50		<b>Matrix:</b> Water		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.34	mg/L	0.040	0.017	1	12/05/2024 12:03	12/05/2024 12:03	G

**230** mg/L

Surrogates						
Surrogates Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	

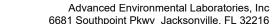
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
Decachlorobiphenyl (S)	ug/L	0.50	0.44	88	48 - 137	J
Tetrachloro-m-xylene (S)	ug/L	1	0.93	93	44 - 124	J
2,4,6-Tribromophenol (S)	ug/L	50	38	77	48 - 147	J
Phenol-d6 (S)	ug/L	50	8.80	18	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	50	34	67	42 - 138	J
2-Fluorophenol (S)	ug/L	50	15	29	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	50	31	62	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	50	43	86	61 - 154	J
Decachlorobiphenyl (S)	ug/L	0.50	0.44	88	44 - 136	J
Tetrachloro-m-xylene (S)	ug/L	1	0.93	93	61 - 119	J
2,4-Dichlorophenylacetic acid (S)	ug/L	100	120	119	41 - 122	J
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	70 - 128	J
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	J

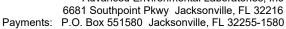


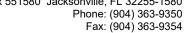
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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

# **Analytical Results**

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
Bromofluorobenzene (S)	ug/L	50	47	93	86 - 123	J
Tributylphosphate (S)	ug/L	1	0.64	64	48.50 - 121	J
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	J





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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

**QC** Results

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QC Batch: CVAj/2692 Analysis Method: SW-846 7470A

**Preparation Method:** SW-846 7470A

Associated Lab IDs: J2417354001, J2417354002

## Method Blank(5590042)

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 (J2417354)

**QC** Results

QC Batch: CVAj/2693 Analysis Method: SW-846 7470A

Preparation Method: SW-846 7470A

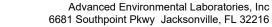
Associated Lab IDs: J2417354003, J2417354004, J2417354005, J2417354006, J2417354007, J2417354008, J2417354009, J2417354010

Mothod	Riank	(5590048)
METHOR	Dialin	(3330070)

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







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Workorder: 1503.01 (J2417354)

## **QC** Results

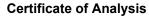
QC Batch: GCSj/7241 Analysis Method: EPA 8081

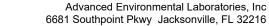
Preparation Method: SW-846 3510C

Method Blank(5586800)					
Parameter	Results	Units	PQL	MDL	Lab
alpha-BHC	0.0030 U	ug/L	0.020	0.0030	J
gamma-BHC (Lindane)	0.0018 U	ug/L	0.020	0.0018	J
beta-BHC	0.0019 U	ug/L	0.020	0.0019	J
delta-BHC	0.00086 U	ug/L	0.020	0.00086	J
Heptachlor	0.0035 U	ug/L	0.020	0.0035	J
Aldrin	0.0019 U	ug/L	0.020	0.0019	J
Heptachlor Epoxide	0.0017 U	ug/L	0.020	0.0017	J
Endosulfan I	0.0031 U	ug/L	0.020	0.0031	J
4,4`-DDE	0.0037 U	ug/L	0.020	0.0037	J
Dieldrin	0.0011 U	ug/L	0.020	0.0011	J
Endrin	0.0017 U	ug/L	0.020	0.0017	J
4,4`-DDD	0.0016 U	ug/L	0.020	0.0016	J
Endosulfan II	0.0026 U	ug/L	0.020	0.0026	J
Endrin Aldehyde	0.0025 U	ug/L	0.020	0.0025	J
4,4`-DDT	0.0021 U	ug/L	0.020	0.0021	J
Endosulfan Sulfate	0.0032 U	ug/L	0.020	0.0032	J
Methoxychlor	0.0058 U	ug/L	0.020	0.0058	J
Chlordane (technical)	0.053 U	ug/L	0.20	0.053	J
Toxaphene	0.12 U	ug/L	0.20	0.12	J

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.000780	156	48 - 137	J
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.0011	106	44 - 124	J







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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **QC** Results

QC Batch: GCSj/7242 Analysis Method: SW-846 8082A

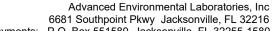
**Preparation Method:** SW-846 3510C

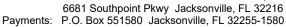
Method Blank(5586805)					
Parameter	Results	Units	PQL	MDL	Lab
Aroclor 1016 (PCB-1016)	0.12 U	ug/L	0.50	0.12	J
Aroclor 1221 (PCB-1221)	0.12 U	ug/L	0.50	0.12	J
Aroclor 1232 (PCB-1232)	0.12 U	ug/L	0.50	0.12	J
Aroclor 1242 (PCB-1242)	0.12 U	ug/L	0.50	0.12	J
Aroclor 1248 (PCB-1248)	0.12 U	ug/L	0.50	0.12	J
Aroclor 1254 (PCB-1254)	0.12 U	ug/L	0.50	0.12	J
Aroclor 1260 (PCB-1260)	0.12 U	ug/L	0.50	0.12	J

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0.000740	149	44 - 136	J
Tetrachloro-m-xylene (S)	mg/L	0.0010	0.0011	106	61 - 119	J









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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **QC** Results

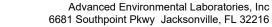
QC Batch: GCSj/7253 Analysis Method: EPA 8151

**Preparation Method:** 

Method Blank(5586977)					
Parameter	Results	Units	PQL	MDL	Lab
Dalapon	8.0 U	ug/L	32	8.0	J
Dicamba	1.0 U	ug/L	4.0	1.0	J
Dichloroprop	2.0 U	ug/L	8.0	2.0	J
2,4-D	2.0 U	ug/L	8.0	2.0	J
Pentachlorophenol	0.30 U	ug/L	1.0	0.30	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	J
2,4,5-T	2.0 U	ug/L	8.0	2.0	J
2,4-DB	2.0 U	ug/L	8.0	2.0	J
Dinoseb	0.70 U	ug/L	2.8	0.70	J

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
2,4-Dichlorophenylacetic acid (S)	ma/L	0.10	0.0830	83	41 - 122	J





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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **QC** Results

QC Batch: GCSj/7277 Analysis Method: EPA 8141

**Preparation Method:** SW-846 3510C

**Associated Lab IDs:** J2417354011, J2417354013, J2417354014

Method Blank(5586809)					
Parameter	Results	Units	PQL	MDL	Lab
Mevinphos	0.055 U	ug/L	0.20	0.055	J
Demeton	0.060 U	ug/L	0.20	0.060	J
Ethoprop	0.047 U	ug/L	0.20	0.047	J
Phorate	0.044 U	ug/L	0.20	0.044	J
Diazinon	0.055 U	ug/L	0.20	0.055	J
Disulfoton	0.041 U	ug/L	0.20	0.041	J
Ronnel	0.048 U	ug/L	0.20	0.048	J
Methyl Parathion	0.054 U	ug/L	0.20	0.054	J
Chlorpyrifos	0.041 U	ug/L	0.20	0.041	J
Merphos	0.057 U	ug/L	0.20	0.057	J
Fensulfothion	0.047 U	ug/L	0.20	0.047	J
Azinphos-methyl	0.057 U	ug/L	0.20	0.057	J
Dimethoate	0.054 U	ug/L	0.20	0.054	J
Fonophos	0.050 U	ug/L	0.20	0.050	J
Chlorpyrifos-methyl	0.060 U	ug/L	0.20	0.060	J
Malathion	0.073 U	ug/L	0.20	0.073	J
Parathion (Ethyl)	0.064 U	ug/L	0.20	0.064	J
Ethion	0.069 U	ug/L	0.20	0.069	J
Famphur	0.11 U	ug/L	0.20	0.11	J
Phosmet	0.076 U	ug/L	0.20	0.076	J
Atrazine	0.071 U	ug/L	0.20	0.071	J
Simazine	0.072 U	ug/L	0.20	0.072	J

31	urrogates						
Pa	rameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
Tri	butylphosphate (S)	mg/L	0.0010	0.0010	102	48.50 - 121	J



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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **QC** Results

QC Batch: ICMj/4943 **Analysis Method:** SW-846 6020

**Preparation Method:** SW-846 3010A

Associated Lab IDs: J2417354011, J2417354012, J2417354013, J2417354014

Method Blank(5595321)					
Parameter	Results	Units	PQL	MDL	Lab
Antimony	1.0 U	ug/L	4.0	1.0	J
Thallium	0.25 U	ug/L	1.0	0.25	J





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Workorder: 1503.01 (J2417354)

## **QC** Results

QC Batch: ICPj/3999 Analysis Method: SW-846 6010

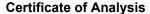
Preparation Method: SW-846 3010A

Associated Lab IDs: J2417354001, J2417354002, J2417354003, J2417354004, J2417354005, J2417354006, J2417354007, J2417354008,

J2417354009, J2417354010, J2417354011, J2417354012, J2417354013, J2417354014

## Method Blank(5603508)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.0080 U	mg/L	0.032	0.0080	J
Aluminum	0.020 U	mg/L	0.080	0.020	J
Arsenic	8.0 U	ug/L	32	8.0	J
Barium	0.0030 U	mg/L	0.012	0.0030	J
Beryllium	0.0020 U	mg/L	0.0080	0.0020	J
Cadmium	0.50 U	ug/L	2.0	0.50	J
Cobalt	0.0010 U	mg/L	0.0040	0.0010	J
Chromium	5.0 U	ug/L	20	5.0	J
Copper	0.010 U	mg/L	0.040	0.010	J
Iron	200 U	ug/L	800	200	J
Sodium	0.80 U	mg/L	3.2	0.80	J
Nickel	0.010 U	mg/L	0.040	0.010	J
Lead	3.0 U	ug/L	12	3.0	J
Selenium	0.040 U	mg/L	0.16	0.040	J
Tin	0.040 U	mg/L	0.16	0.040	J
Vanadium	0.0020 U	mg/L	0.0080	0.0020	J
Zinc	0.050 U	mg/L	0.20	0.050	J









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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **QC** Results

QC Batch: MSSj/4444 Analysis Method: SW-846 8270C

Preparation Method: SW-846 3510C

**Associated Lab IDs:** J2417354011, J2417354013, J2417354014

Method Blank(5586786)						
Parameter	Results	Units	PQL	MDL	Lab	
Phenol	0.54 U	ug/L	5.0	0.54	J	
2-Chlorophenol	1.5 U	ug/L	5.0	1.5	J	
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.0	1.5	J	
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.0	1.0	J	
2-Nitrophenol	0.63 U	ug/L	5.0	0.63	J	
2,4-Dimethylphenol	2.6 U	ug/L	5.0	2.6	J	
Benzoic Acid	0.78 U	ug/L	10	0.78	J	
2,4-Dichlorophenol	0.90 U	ug/L	5.0	0.90	J	
2,6-Dichlorophenol	1.3 U	ug/L	5.0	1.3	J	
4-Chloro-3-methylphenol	0.63 U	ug/L	5.0	0.63	J	
2,4,6-Trichlorophenol	1.4 U	ug/L	5.0	1.4	J	
2,4,5-Trichlorophenol	1.3 U	ug/L	5.0	1.3	J	
2,4-Dinitrophenol	1.1 U	ug/L	10	1.1	J	
4-Nitrophenol	2.9 U	ug/L	5.0	2.9	J	
2,3,4,6-Tetrachlorophenol	1.3 U	ug/L	5.0	1.3	J	
2-Methyl-4,6-dinitrophenol	1.2 U	ug/L	5.0	1.2	J	
Pentachlorophenol	0.95 U	ug/L	5.0	0.95	J	
N-Nitrosodimethylamine	0.93 U	ug/L	5.0	0.93	J	
2-Picoline (2-Methylpyridine)	1.2 U	ug/L	5.0	1.2	J	
Methyl Methanesulfonate	0.67 U	ug/L	5.0	0.67	J	
Ethyl methanesulfonate	0.91 U	ug/L	5.0	0.91	J	
Aniline	0.90 U	ug/L	5.0	0.90	J	
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.0	1.5	J	
1,3-Dichlorobenzene	1.0 U	ug/L	5.0	1.0	J	
1,4-Dichlorobenzene	2.0 U	ug/L	5.0	2.0	J	
1,2-Dichlorobenzene	1.4 U	ug/L	5.0	1.4	J	
Benzyl Alcohol	2.4 U	ug/L	5.0	2.4	J	
bis(2-Chloroisopropyl) Ether	1.4 U	ug/L	5.0	1.4	J	
Acetophenone	1.6 U	ug/L	5.0	1.6	J	
N-Nitrosodi-n-propylamine	2.2 U	ug/L	5.0	2.2	J	
Hexachloroethane	1.2 U	ug/L	5.0	1.2	J	

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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

QC Batch: MSSj/4444 Analysis Method: SW-846 8270C

Preparation Method: SW-846 3510C

Associated Lab IDs: J2417354011, J2417354013, J2417354014

Parameter	Results	Units	PQL	MDL	Lab
Nitrobenzene	1.1 U	ug/L	5.0	1.1	J
N-Nitrosopiperidine	1.3 U	ug/L	5.0	1.3	J
Isophorone	1.1 U	ug/L	5.0	1.1	J
bis(2-Chloroethoxy)methane	1.2 U	ug/L	5.0	1.2	J
1,2,4-Trichlorobenzene	0.69 U	ug/L	5.0	0.69	J
Naphthalene	0.048 U	ug/L	0.20	0.048	J
a,a-Dimethylphenethylamine	1.9 U	ug/L	5.0	1.9	J
4-Chloroaniline	0.90 U	ug/L	5.0	0.90	J
Hexachlorobutadiene	1.3 U	ug/L	5.0	1.3	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.0	1.5	J
2-Methylnaphthalene	0.049 U	ug/L	0.20	0.049	J
1-Methylnaphthalene	0.050 U	ug/L	0.40	0.050	J
Hexachlorocyclopentadiene	1.0 U	ug/L	5.0	1.0	J
1,2,4,5-Tetrachlorobenzene	1.3 U	ug/L	5.0	1.3	J
2-Chloronaphthalene	1.7 U	ug/L	5.0	1.7	J
2-Nitroaniline	1.5 U	ug/L	5.0	1.5	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	J
2,6-Dinitrotoluene (2,6-DNT)	2.0 U	ug/L	5.0	2.0	J
Acenaphthylene	0.042 U	ug/L	0.20	0.042	J
3-Nitroaniline	1.1 U	ug/L	5.0	1.1	J
Acenaphthene	0.040 U	ug/L	0.20	0.040	J
Pentachlorobenzene	1.3 U	ug/L	5.0	1.3	J
Dibenzofuran	0.069 U	ug/L	5.0	0.069	J
2,4-Dinitrotoluene (2,4-DNT)	1.8 U	ug/L	5.0	1.8	J
1-Naphthylamine	0.95 U	ug/L	5.0	0.95	J
2-Naphthylamine	0.89 U	ug/L	5.0	0.89	J
Diethyl phthalate	2.1 U	ug/L	5.0	2.1	J
Fluorene	0.038 U	ug/L	0.20	0.038	J
4-Chlorophenyl Phenyl Ether	1.6 U	ug/L	5.0	1.6	J
4-Nitroaniline	1.3 U	ug/L	5.0	1.3	J
Diphenylamine	2.1 U	ug/L	5.0	2.1	J
1,2-Diphenylhydrazine	0.96 U	ug/L	5.0	0.96	J
Phenacetin	3.2 U	ug/L	5.0	3.2	J
4-Bromophenyl Phenyl Ether	1.1 U	ug/L	5.0	1.1	J

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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

QC Batch: MSSj/4444 Analysis Method: SW-846 8270C

Preparation Method: SW-846 3510C

Associated Lab IDs: J2417354011, J2417354013, J2417354014

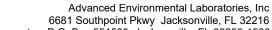
Parameter	Results	Units	PQL	MDL	Lab
Hexachlorobenzene	0.99 U	ug/L	5.0	0.99	J
Pentachloronitrobenzene	1.7 U	ug/L	5.0	1.7	J
4-Aminobiphenyl	0.61 U	ug/L	5.0	0.61	J
Pronamide (Kerb)	3.6 U	ug/L	5.0	3.6	J
Phenanthrene	0.040 U	ug/L	0.20	0.040	J
Anthracene	0.035 U	ug/L	0.20	0.035	J
Di-n-Butyl Phthalate	0.88 U	ug/L	5.0	0.88	J
Fluoranthene	0.037 U	ug/L	0.20	0.037	J
Benzidine	1.2 U	ug/L	5.0	1.2	J
Pyrene	0.036 U	ug/L	0.20	0.036	J
4-Dimethyl aminoazobenzene	0.73 U	ug/L	5.0	0.73	J
Butyl benzyl phthalate	1.1 U	ug/L	5.0	1.1	J
Benzo[a]anthracene	0.012 U	ug/L	0.20	0.012	J
3,3`-Dichlorobenzidine	1.3 U	ug/L	5.0	1.3	J
Chrysene	0.033 U	ug/L	0.20	0.033	J
bis(2-Ethylhexyl) phthalate	2.0 U	ug/L	5.0	2.0	J
Di-n-octyl Phthalate	1.2 U	ug/L	5.0	1.2	J
Benzo[b]fluoranthene	0.012 U	ug/L	0.10	0.012	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.0	1.1	J
Benzo[k]fluoranthene	0.048 U	ug/L	0.20	0.048	J
Benzo[a]pyrene	0.037 U	ug/L	0.20	0.037	J
3-Methylcholanthrene	1.9 U	ug/L	5.0	1.9	J
Indeno(1,2,3-cd)pyrene	0.011 U	ug/L	0.20	0.011	J
Dibenzo[a,h]anthracene	0.024 U	ug/L	0.20	0.024	J
Benzo[g,h,i]perylene	0.048 U	ug/L	0.20	0.048	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.0	2.1	J
N-Nitrosomethylethylamine	2.7 U	ug/L	5.0	2.7	J
N-Nitrosodiethylamine	2.1 U	ug/L	5.0	2.1	J
N-Nitrosopyrrolidine	2.1 U	ug/L	5.0	2.1	J
o-Toluidine	2.4 U	ug/L	5.0	2.4	J
o,o,o-Triethylphosphorothioate	2.9 U	ug/L	5.0	2.9	J
Hexachloropropene	2.7 U	ug/L	5.0	2.7	J
1,4-Phenylenediamine	5.0 U	ug/L	80	5.0	J
Safrole	3.5 U	ug/L	5.0	3.5	J

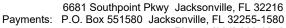
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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

QC Batch: MSSj/4444 Analysis Method: SW-846 8270C

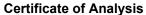
Preparation Method: SW-846 3510C

Parameter	Results	Units	PQL	MDL	Lab
Isosafrole	3.2 U	ug/L	5.0	3.2	J
1,4-Naphthoquinone	4.8 U	ug/L	5.0	4.8	J
1,3-Dinitrobenzene	2.1 U	ug/L	5.0	2.1	J
5-Nitro-o-toluidine	2.9 U	ug/L	5.0	2.9	J
1,3,5-Trinitrobenzene	2.5 U	ug/L	5.0	2.5	J
Nitroquinoline-1-oxide	2.0 U	ug/L	5.0	2.0	J
Methapyrilene	1.8 U	ug/L	5.0	1.8	J
Isodrin	3.1 U	ug/L	5.0	3.1	J
3,3'-Dimethylbenzidine	2.4 U	ug/L	5.0	2.4	J
2-Acetylaminofluorene	3.5 U	ug/L	5.0	3.5	J
Thionazin (Zinophos)	1.2 U	ug/L	5.0	1.2	J
Diallate	1.1 U	ug/L	5.0	1.1	J
Phorate	1.2 U	ug/L	5.0	1.2	J
Dimethoate	1.2 U	ug/L	5.0	1.2	J
Dinoseb	2.3 U	ug/L	5.0	2.3	J
Methyl Parathion	1.3 U	ug/L	5.0	1.3	J
Chlorobenzilate	2.0 U	ug/L	5.0	2.0	J
Kepone	5.2 U	ug/L	80	5.2	J
Famphur	2.0 U	ug/L	5.0	2.0	J

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•						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	0.05	0.03	60	48 - 147	J
2-Fluorobiphenyl (S)	mg/L	0.05	0.0320	64	42 - 138	J
2-Fluorophenol (S)	mg/L	0.05	0.0320	64	31 - 134	J
Nitrobenzene-d5 (S)	mg/L	0.05	0.0310	63	38 - 139	J
Phenol-d6 (S)	mg/L	0.05	0.03	59	24 - 120	J
p-Terphenyl-d14 (S)	mg/L	0.05	0.0350	71	61 - 154	J







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### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

## **QC** Results

QC Batch: MSVj/11306 Analysis Method: SW-846 8260D

Preparation Method: SW-846 5030B

Associated Lab IDs: J2417354001, J2417354002, J2417354003, J2417354004, J2417354005, J2417354006, J2417354007, J2417354008,

J2417354009, J2417354010, J2417354011, J2417354012, J2417354013, J2417354014

### Method Blank(5589073)

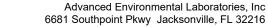
Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	J
Chloromethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	J
Bromomethane	0.50 U	ug/L	2.0	0.50	J
Chloroethane	0.50 U	ug/L	2.0	0.50	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	J
Acetone	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	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
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	J
Chloroform	0.50 U	ug/L	2.0	0.50	J
2,2-Dichloropropane	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
1,1-Dichloropropene	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
Dibromomethane	0.50 U	ug/L	2.0	0.50	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

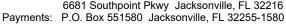
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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

QC Batch: MSVj/11306 Analysis Method: SW-846 8260D

Preparation Method: SW-846 5030B

Associated Lab IDs: J2417354001, J2417354002, J2417354003, J2417354004, J2417354005, J2417354006, J2417354007, J2417354008,

J2417354009, J2417354010, J2417354011, J2417354012, J2417354013, J2417354014

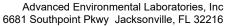
Parameter	Results	Units	PQL	MDL	Lab
2-Chloroethyl Vinyl Ether	0.50 U	ug/L	2.0	0.50	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	J
Ethylene Dibromide (EDB)	0.25 U	ug/L	1.0	0.25	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	J
1,1,1,2-Tetrachloroethane	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
Styrene	0.50 U	ug/L	2.0	0.50	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	J
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
1,2-Dibromo-3-Chloropropane	1.2 U	ug/L	5.0	1.2	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	J
Allyl Chloride(3-Chloropropene	0.50 U	ug/L	2.0	0.50	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	J
Chloroprene	1.0 U	ug/L	5.0	1.0	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	J

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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

QC Batch: MSVj/11306 Analysis Method: SW-846 8260D

Preparation Method: SW-846 5030B

Associated Lab IDs: J2417354001, J2417354002, J2417354003, J2417354004, J2417354005, J2417354006, J2417354007, J2417354008,

J2417354009, J2417354010, J2417354011, J2417354012, J2417354013, J2417354014

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	47	95	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	J
Toluene-d8 (S)	ug/L	50	52	105	77 - 119	J









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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

**QC** Results

QC Batch: MSVj/11308 Analysis Method: SW-846 8260D (SIM)

**Preparation Method:** SW-846 5030B

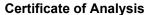
Associated Lab IDs: J2417354011, J2417354012, J2417354013, J2417354014

wetnoa	Biank(558911	6)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	J
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	J

## **Surrogates**

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	<b>Control Limits</b>	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	47	93	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	J
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	J



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## **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

**QC** Results

QC Batch: WCAg/19081 Analysis Method: EPA 350.1

Preparation Method: EPA 350.1

**Associated Lab IDs:** J2417354001, J2417354002, J2417354003, J2417354004, J2417354005, J2417354006, J2417354008, J2417354009,

J2417354010, J2417354011, J2417354012, J2417354013, J2417354014

Method Blank(5601151)

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 (J2417354)

## **QC** Results

QC Batch: WCAg/19081 Analysis Method: EPA 350.1

Preparation Method: EPA 350.1

Associated Lab IDs: J2417354001, J2417354002, J2417354003, J2417354004, J2417354005, J2417354007, J2417354011

### Method Blank(5601146)

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 (J2417354)

**QC** Results

QC Batch: WCAg/19081 Analysis Method: EPA 350.1

**Preparation Method:** EPA 350.1

Associated Lab IDs: J2417354006, J2417354008, J2417354009, J2417354010, J2417354012, J2417354013, J2417354014

Method Blank(5601156)

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 (J2417354)

**QC** Results

QC Batch: WCAg/19081

EPA 350.1 J2417354007 Analysis Method: EPA 350.1

Associated Lab IDs: Method Blank(5601141)

**Preparation Method:** 

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 (J2417354)

**QC** Results

QC Batch: WCAj/16863

EPA 300.0

Analysis Method: EPA 300.0

**Preparation Method:** Associated Lab IDs: J2417354001

Method Blank(5587050)					
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



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Workorder: 1503.01 (J2417354)

#### **QC** Results

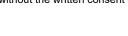
QC Batch: WCAj/16864 Analysis Method: EPA 300.0

**Preparation Method:** EPA 300.0

Associated Lab IDs: J2417354002, J2417354003, J2417354007, J2417354008, J2417354009, J2417354010, J2417354013, J2417354014

Method Blank(5587065)						
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	









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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

#### **QC** Results

QC Batch: WCAj/16865

Preparation Method: EPA 300.0 Associated Lab IDs: J2417354004 Analysis Method: EPA 300.0

#### Method Blank(5587071) **Parameter** Results Units **PQL** MDL Lab Chloride 2.0 U mg/L 8.0 2.0 J 0.20 Nitrate (as N) 0.20 U mg/L 0.80 J Sulfate 2.0 U mg/L 8.0 2.0 J











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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

### **QC** Results

QC Batch: WCAj/16867

**Preparation Method:** EPA 300.0 Associated Lab IDs: J2417354005 Analysis Method: EPA 300.0

# Method Blank(5587084)

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



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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

#### **QC** Results

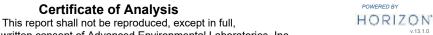
QC Batch: WCAj/16903 Analysis Method: SM 2540 C

Preparation Method: SM 2540 C

Associated Lab IDs: J2417354002, J2417354003, J2417354004, J2417354005, J2417354006, J2417354012

#### Method Blank(5591212)

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 (J2417354)

**QC** Results

QC Batch: WCAj/16904

**Preparation Method:** SM 2540 C **Associated Lab IDs:** J2417354001 Analysis Method: SM 2540 C

#### Method Blank(5591224)

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 (J2417354)

**QC** Results

QC Batch: WCAj/16908 Analysis Method: EPA 300.0

Preparation Method: EPA 300.0

**Associated Lab IDs:** J2417354006, J2417354011, J2417354012

Method Blank(5591356)					
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





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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

#### **QC** Results

QC Batch: WCAj/16935 Analysis Method: SM 2540 C

Preparation Method: SM 2540 C

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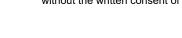
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Associated Lab IDs: J2417354007, J2417354008, J2417354009, J2417354010, J2417354013, J2417354014

#### Method Blank(5592928)

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 (J2417354)

**QC** Results

QC Batch: WCAj/16936

Preparation Method: SM 2540 C Associated Lab IDs: J2417354011 Analysis Method: SM 2540 C

#### Method Blank(5592931)

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 (J2417354)

Lab ID	Sample ID	Prep Batch	Prep Method
CVAj/2692 - SW-846 7470	Α		
J2417354001	MW-1R	DGMj/9527	SW-846 7470A
J2417354002	MW-6	DGMj/9527	SW-846 7470A
CVAj/2693 - SW-846 7470	Α		
J2417354003	MW-2	DGMj/9528	SW-846 7470A
J2417354004	MW-5	DGMj/9528	SW-846 7470A
J2417354005	MW-7	DGMj/9528	SW-846 7470A
J2417354006	MW-8	DGMj/9528	SW-846 7470A
J2417354007	MW-3R	DGMj/9528	SW-846 7470A
J2417354008	CW-16	DGMj/9528	SW-846 7470A
J2417354009	CW-4	DGMj/9528	SW-846 7470A
J2417354010	MW-4	DGMj/9528	SW-846 7470A
GCSj/7241 - EPA 8081			
J2417354011	MW-14	EXTj/10525	SW-846 3510C
J2417354013	CW-15	EXTj/10525	SW-846 3510C
J2417354014	MW-13	EXTj/10525	SW-846 3510C
GCSj/7242 - SW-846 8082	A		
J2417354011	MW-14	EXTj/10526	SW-846 3510C
J2417354013	CW-15	EXTj/10526	SW-846 3510C
J2417354014	MW-13	EXTj/10526	SW-846 3510C
GCSj/7253 - EPA 8151			
J2417354011	MW-14	EXTj/10532	8151
J2417354013	CW-15	EXTj/10532	8151
J2417354014	MW-13	EXTj/10532	8151
GCSj/7277 - EPA 8141			
J2417354011	MW-14	EXTj/10527	SW-846 3510C
J2417354013	CW-15	EXTj/10527	SW-846 3510C
J2417354014	MW-13	EXTj/10527	SW-846 3510C
ICMj/4943 - SW-846 6020			
J2417354011	MW-14	DGMj/9543	SW-846 3010A
J2417354012	CW-8	DGMj/9543	SW-846 3010A
J2417354013	CW-15	DGMj/9543	SW-846 3010A
J2417354014	MW-13	DGMj/9543	SW-846 3010A

Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 110 of 115

**Certificate of Analysis** 







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 (J2417354)

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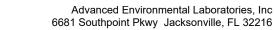
QC CIUSS Reference	<del></del>		
Lab ID	Sample ID	Prep Batch	Prep Method
ICPj/3999 - SW-846 6010			
J2417354001	MW-1R	DGMj/9573	SW-846 3010A
J2417354002	MW-6	DGMj/9573	SW-846 3010A
J2417354003	MW-2	DGMj/9573	SW-846 3010A
J2417354004	MW-5	DGMj/9573	SW-846 3010A
J2417354005	MW-7	DGMj/9573	SW-846 3010A
J2417354006	MW-8	DGMj/9573	SW-846 3010A
J2417354007	MW-3R	DGMj/9573	SW-846 3010A
J2417354008	CW-16	DGMj/9573	SW-846 3010A
J2417354009	CW-4	DGMj/9573	SW-846 3010A
J2417354010	MW-4	DGMj/9573	SW-846 3010A
J2417354011	MW-14	DGMj/9573	SW-846 3010A
J2417354012	CW-8	DGMj/9573	SW-846 3010A
J2417354013	CW-15	DGMj/9573	SW-846 3010A
J2417354014	MW-13	DGMj/9573	SW-846 3010A
MSSj/4444 - SW-846 8270C			
J2417354011	MW-14	EXTj/10523	SW-846 3510C
J2417354013	CW-15	EXTj/10523	SW-846 3510C
J2417354014	MW-13	EXTj/10523	SW-846 3510C
MSVj/11306 - SW-846 8260D			
J2417354001	MW-1R	MSVj/11305	SW-846 5030B
J2417354002	MW-6	MSVj/11305	SW-846 5030B
J2417354003	MW-2	MSVj/11305	SW-846 5030B
J2417354004	MW-5	MSVj/11305	SW-846 5030B
J2417354005	MW-7	MSVj/11305	SW-846 5030B
J2417354006	MW-8	MSVj/11305	SW-846 5030B
J2417354007	MW-3R	MSVj/11305	SW-846 5030B
J2417354008	CW-16	MSVj/11305	SW-846 5030B
J2417354009	CW-4	MSVj/11305	SW-846 5030B
J2417354010	MW-4	MSVj/11305	SW-846 5030B
J2417354011	MW-14	MSVj/11305	SW-846 5030B
J2417354012	CW-8	MSVj/11305	SW-846 5030B
J2417354013	CW-15	MSVj/11305	SW-846 5030B
J2417354014	MW-13	MSVj/11305	SW-846 5030B

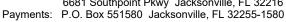
Monday, December 16, 2024 11:08:54 AM Dates and times are displayed using (-05:00) Page 111 of 115

**Certificate of Analysis** 









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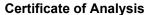


#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

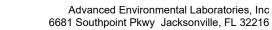
Lab ID	Sample ID	Prep Batch	Prep Method
MSVj/11308 - SW-846 826	DD (SIM)		
J2417354011	MW-14	MSVj/11307	SW-846 5030B
J2417354012	CW-8	MSVj/11307	SW-846 5030B
J2417354013	CW-15	MSVj/11307	SW-846 5030B
J2417354014	MW-13	MSVj/11307	SW-846 5030B
WCAg/19081 - EPA 350.1			
J2417354001	MW-1R		
J2417354002	MW-6		
J2417354003	MW-2		
J2417354004	MW-5		
J2417354005	MW-7		
J2417354006	MW-8		
J2417354007	MW-3R		
J2417354008	CW-16		
J2417354009	CW-4		
J2417354010	MW-4		
J2417354011	MW-14		
J2417354012	CW-8		
J2417354013	CW-15		
J2417354014	MW-13		
WCAj/16863 - EPA 300.0			
J2417354001	MW-1R		
WCAj/16864 - EPA 300.0			
J2417354002	MW-6		
J2417354003	MW-2		
J2417354007	MW-3R		
J2417354008	CW-16		
J2417354009	CW-4		
J2417354010	MW-4		
J2417354013	CW-15		
J2417354014	MW-13		
WCAj/16865 - EPA 300.0			
J2417354004	MW-5		

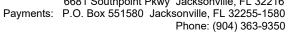












Fax: (904) 363-9354

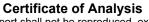


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#### **FINAL - REVISION**

Workorder: 1503.01 (J2417354)

<b>QC Cross Referenc</b>	e		
Lab ID	Sample ID	Prep Batch	Prep Method
WCAj/16867 - EPA 300.0			
J2417354005	MW-7		
WCAj/16903 - SM 2540 C			
J2417354002	MW-6		
J2417354003	MW-2		
J2417354004	MW-5		
J2417354005	MW-7		
J2417354006	MW-8		
J2417354012	CW-8		
WCAj/16904 - SM 2540 C			
J2417354001	MW-1R		
WCAj/16908 - EPA 300.0			
J2417354006	MW-8		
J2417354011	MW-14		
J2417354012	CW-8		
WCAj/16935 - SM 2540 C			
J2417354007	MW-3R		
J2417354008	CW-16		
J2417354009	CW-4		
J2417354010	MW-4		
J2417354013	CW-15		
J2417354014	MW-13		
WCAj/16936 - SM 2540 C			
J2417354011	MW-14		

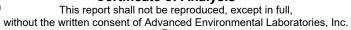


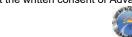


POWERED BY

HORIZON'







	Advanced	Altamonte S Fort Myers:	Altamonte Springs: 380 Northake Blvd., Str. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076 Fort Myers: 13100 Westinks Terraco, Str. 10, FL 33913 • 239.674.6130 • Lab ID: E84492	errace, Ste. 10, I	£ 1048, FL 3270 FL 33913 • 239.6	1 • 407.937.1594 74.8130 • Lab IC	1 - Lab ID: E53 1: E84492	076		G <sub>a</sub>	nesville: 4	965 SW 41st B	Page	352.377.2349	Page of of	R
		Tallahassee: 2539 North Monroe St., Safte D, FL 32303 • 850.219,8274 • Lab ID: E82574	Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811098	oe St, Suite D, F	1 32303 · 850.2	• Lab ID: E8257	: E811095				Miramar: 10200 Tampa: 9610 F	USA Today W	Vav FI 39025	DEC 788 130	Miramar: 10200 USA Today Way FI 39095, our een nose, i ak in, reserve	١
Client Name: Dom	Dominion	Project Name:	1503.01				E SIZE YPE		ic	c	С					
Address: 3776	3776 Cathedral Oaks Place North	Project Number.					BOTTL & T	40 m Vials	500 r Plast	250 n Plasti 250 n	Plasti		*	4 1	7 3 5	*
Jack	Jacksonville, FL 32217	PO Number:							Na	F					-	- F
Phone:	904-716-1388 FI	FDEP Facility No:	30010				RED		Hg,							IBE
FAX:	7	FDEP Facility Addr.	Ħ				QUII			os						IUM
Contact:	Paul Laymon						S RE			4/TE						D. N
Sampled By:	Paul Laymon s	Special Instructions	8.				YSIS	list		/SO						Υ Ι.
Turn Around Time:	Standard X Rush						NAL	602	-							OR
AEL Profile #:	24913(3) A	ADaPT X	EQuIS		Other		A	601/	AI, A	Chl/l	NH3					RAT
SAMPLE ID	SAMPLE DESCRIPTION	Grab	8	SAMPLING	MATRIX	NO.	Preservation Field-	Þ	+	+	H2804	$\dagger\dagger$	$\dagger \dagger$		$\prod$	ABO
MW-1R		G	11/20/24	9:00	GW	0		×	×	×	<u>*</u>	1	$\dagger$		1	
MW-6		G	11/20/24	10:00	GW	თ		×	×	+	×	+	+		_	9
MW-2		G	11/20/24	10:25	GW	o		×	×	+	×	+	+		+	2
MW-5		G	11/20/24	10:45	GW	თ		×	×	×	×	+			4	2 73
MW-7		G	11/20/24	11:30	GW	თ		×	×	×	×	+			-	200
MW-8		G	11/20/24	14:00	GW	თ		×	×	×	×				4	300
MW-3R		G	11/20/24	16:00	GW	თ		×	×	×	×	$\forall$			_	007
	CW-16	G	11/20/24	16:30	GW	თ		×	×	×	^	1			$\dashv$	9
CW-4		G	11/20/24	16:50	GW	თ		×	×	×	_					009
MVV-4			11/20/24	17:05	1 -	0		×	×	×						0/0
Received on Ice Aves ON	No		emp from blank	10	Where required, pH checked	SO = soil SL pH checked	= sludg	e Preservation Code:	Preservation Code:	Code: I:	I = ioe H=(HCI)	0 0	2SO4) N	= (HNO3)	T = (Sodiun	(H2SO4) N = (HNO3) T = (Sodium Thiosulfate)
DCN: AD-D051web	Form last revised 08/07/2019		Device	used for m	Device used for measuring Temp by unique identifier (circle IR temp gun used)	mp by uniqu	ie identifiei	r (circle IR	emp gun u			G: LT-1 LT-2	T: 10A A: 3A M: 3A S:	A: 3A M	M: 3A S: 1V	V F1A
Relin	Relinguished by: Date Time	Re	Received by:	,	Date	Time	_	FOR	FOR DRINKING	မျ	WATER USE:	SE:	- 11	Ш	Ŋ.	- 11
	112 Hellett	Sink.	1 Just	7	11-01-04	950		(When PWS	Information	not otherwi	(When PWS Information not otherwise supplied) PWS ID	PWS ID:				
ω 1	The state of the s						,	Contact Person:	erson:							
4				Ц	Ц			Site-Address:	dress:							
							1									

Г	Т	Т	_	_	7 0	Z.	2	_	_	_	_	_	_	_	_	Т	-	_			뒫	Ç0	δ	F,	7		À	Ω	1		
4	ω	2	-		DCN: AD-D051web	Received on Ice	Matrix Code: WW = wastewater							MW-1	BCW.	CW.	MW-/		SAMPLE ID	AEL Profile #	Turn Around Time	Sampled By:	Contact:	FAX:	Phone:		Address:	Client Name:			
		,	1	Relinquished by:		e ⊡Yes	wast = www				+	+	-	N	15	Ś	4	H	ō			Pau	Pau		904	Jackson	3776 Ca	Dominion	1		y
			\	jed by:	Form last revised 08/07/2019	No No										-			SAM	24913(4)	Standard	Paul Laymon	Paul Laymon		904-716-1388	Jacksonville, FL 32217	3776 Cathedral Oaks Place North			Environ	Advanca
H	-	+	11/211	Date	08/07/201	Temp	SW = surface water											1	PLE DE		×				00	2217	aks Place			nental lah	_
_		+	124 C		9	Temp taken from sample													SAMPLE DESCRIPTION		Rush						North			Invironmental laboratories Inc	
L	L	$\vdash$	S	Time		sample	GW = ground water											3	ON N	ADaPT		Spec		FDE	FDEF	PON	Proje	Proje			
			Bank	A Re		☐ Temp fr		-			$\vdash$	$\vdash$		0			(P)	Comp	Grab	ΤŢ		Special Instructions:		FDEP Facility Addr	FDEP Facility No:	PO Number:	Project Number:	Project Name:	[allahassee:	ort Myers:	Altamonte S
		(	Low	Received by:	Devic	Temp from blank	DW = drinking water	W.	28					5		7	11/20/1	DATE		EQuIS		s: Login -		.5	h,			1503.01	Tallahassee: 2639 North Monroe St., Salte D, FL 32303 + 850 219 6674 + Lab ID: E811085	Fort Myers: 13100 Westinks Terrace, Ste. 10, FL 33913 - 239,574,8130 - Lab ID: E94492	Altamonte Springs: 380 Northlake Blvd., Ste. 1048, FL 32701 - 407.937.1594 - Lab ID: E53076
			M		Device used for measuring Temp by unique identifier	Where	er O = oil				T			1600	15/5	1240	1300	TIME	SAMPLING			Login - Pick All Parameters Listed			2/02			1	troe St., Suite D.	Terrace, Ste. 10.	orthlake Blvd., S
			11-011-011	Date	neasuring T	Where required, pH checked	A = air S							Col			CW	NO. LOS	MATRIX	Other		aramete							FL 32303 - 850.	FL 33913 - Z39	e. 1048, FL 327
			952	Time	emp by unio	H checked	SO = soil s						_			0	//	0	NO.			rs Listed							219.6274 · Lab I	674.8130 · Lab	01 - 407.937.156
		L			que identit		SL = sludge											Fibered?	Preservation	,	ANA	LYSI	S RE	QUI	RED			E SIZE YPE	D: E811095	D: E84492	4 • Lab ID: E
Site-A	Supplier of Water.	Contact Person	(When PV	FOF	ier (circle IR	Temp. when received (observed),								4			X			826	0 Ap	op II					(3) 4 Vials	0 mL			3076
Site-Address:	Water:	Person:	(When PWS Information not otherwise supplied) PWS ID	FOR DRINKING	(circle IR temp gun used)	1 received	Preservation Code:						-	X	_	-	$\prec$	Ц	ice	815	1					$\perp$	1L A	mber			
			on not othe	KING	used)	(observe	on Code:					7		X		_	$\times$	Ц	ice	827	0 Ap	p II					1L A	mber			
			rwise supp	WATER USE:	9A	C	I = joe					-	-	1			X	Ц	lce	808	1						1L Aı	mber	Miram	ainesvilla	
			lied) PWS	₹ USE	G: LT-1 L	°C	H=(HCI)							1		-	$\nearrow$	Ц	$\dashv$	808	2		1					* =			
			Ē		LT-2 To	Temp.	S = (H2S0	-						$\times$			$\times$	Ц		App										2	TD
					10A A: 3A	when reco	04) N = (	$\dashv$				_	_	X				Н	$\dashv$		_	)3/C	hlori	de			-			1	Page
					3A M: 3A	Temp. when received (corrected)	1NO3) T	$\dashv$		- 3				$\overline{}$	_		X	$\Box$	H2504	NH3	3					-				1	P
					A S: 1V	ected)	S = (H2SO4) N = (HNO3) T = (Sodium Thiosylfate	-		5 %								+	+							+		*		4	오
					F: 1A	17	Thiosulfate				- 4.4			1019	013	210	011	LA	BO	RA.	ТОР	RY I	.D. 1	NUN	иве	R		ı		1	N

## State of Florida, Department of Environmental Protection **GROUNDWATER SAMPLING LOG**

SITE NAME:	Florence C&D					SITE LOCATION:	Gaine	esville,	FL		•/ /	
WELL N	NO: MW-1R			SAMPLE	E ID: MV			,		DATE: //	170	<del>24</del> ]
					PUF	RGING DA	TA			/	10	
WELL DIAME	ΤΕR (in): 2		TOTAL	WELL (ft): 39.5		ST.	ATIC D	EPTH	15.5	9 WELL CAPACI	TY (gal/ft): 0	).16
1 WELL	VOLUME (gal)	= (TOTAL WE = ( 39.5 – 15 )	LL DEPTH -	- DEPTH T		R) X WELL C	APACI	ITY =	7	,	(9	
PURGE		= (39.5 –) 기(b)	) X .16 = s	PURGE		830	PURC		900	TOTAL		6
METHO	DD: peristaltic VOLUME	CUMUL.	PURGE	INITIATED DEPTH	JAI			ED AT:	DISSOLVED		ED (gal):	
TIME	PURGED (gal)	VOLUME PURGED (gal)	RATE (gpm)	TO WATER (ft)	PH	TEMP.	CON (µmh	ND.	OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
gov	4	6	0,2	20	6,10	8 21.1	8	75	),0	3	CIr	nonc
WELL (	CAPACITY (Gall	lons per Foot):	0.75" = 0.0	2; 1" = 0.0				3" = (	0.37; 4" = 0.65	5; 5" = 1.02; 6	6" = 1.47; 12	2" = 5.88
SAMPI	ED BY (PRINT)	/ Paul Lavmor	า			SAMPLER(S		ATURE	F(S)			
	ATION Dominio					QQJ.	,	,	_(=)			
SAMPL	ING DD(S): peristalti	c/stopped tubin	a			SAMPLING INITIATED A	T: 9	VV		SAMPLING ENDED AT:	905	<u> </u>
	DECONTAMINA			FIEL	D-FILTE		· · · · · · · · · · · · · · · · · · ·	<u>N</u>		DUPLICATE:	Υ	<u>N</u>
	SAMPLE CON SPECIFICA			SA	MPLE P	RESERVATION	ON			INTENDER	) ANALYSIS	
NO.	MATERIAL CODE	VOLUME	PRE	SERVATIV USED		OTAL VOLUI		FIN/ pl-			METHOD	
3	CG	40ml		HCI			` '	·			1/602	
1	PE	0.5 L		-							NH3, SO4	
1	PE	0.25 L		H2SO4							O3	
1	PE	0.5 L		HNO3						Al, Fe, Na, As	, Cd Cr, Pb,	Hg
REMAR	RKS:							<u> </u>				
MATER	IAL CODES:	AG = AMBER (	GLASS; C	G = CLEAF	R GLASS	; PE = POL	YETHY	LENE	; O = OTHER	R (SPECIFY)		

## State of Florida, Department of Environmental Protection **GROUNDWATER SAMPLING LOG**

SITE

SITE

NAME:	Florence C&D					LOCA	TION:	Gaine	esville	e, FL	1	/	,
WELL N	O: MW-2			SAMPL	E ID: N	/W-2					DATE: ///	20/24	/
					PU	RGING	DA	TA			<u>'</u>		
WELL	ED (' ) 0		TOTAL				STA	ATIC D	EPTI	+ a 7/	WELL	T) (   1(0)   0	40
1 WELL	ER (in): 2 VOLUME (gal)	= (TOTAL WE	LL DEPTH	I (ft): 26.5 – DERTH 3	OWAZ	TER) X WE	ELL C	WATE APACI	:Κ (π) ITY =	: (; ((	CAPACI	TY (gal/ft): 0	.16
	VOLUME (gal)	= (26.5 - 9 <sub>1</sub>	// <sub>) X .16 =</sub>	1 1 50 SC	sal.	(=, /							
PURGE METHO	D: peristaltic	•	(	PURGE INITIATE	_	1010		PURG ENDE		: 1025	TOTAL PURGI	. VOL. <b>3</b> ED (gal):	.15
TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEI		CON (μmh		DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1020	3	3	, 5	1D.	4. 90	7 2	), ]		2	1,5	2	0)0	NONE
1023	.9	3.9	.3	~	11 01	12	1.0	,		1, (	0,_	• -	7.
105	ر کے ا	4.5	S	١.	7-12	,	,		٠,	1.0	٠,	c -	¥
7.7										•			
WELL C	APACITY (Gall	ons per Foot):	0.75" = 0.0	02; 1" = 0.					3" =	0.37; 4" = 0.6	5; 5" = 1.02; 6	6" = 1.47; 12	2" = 5.88
SAMPLE	ED BY (PRINT)	/ Paul Lavmo	n		SAI	MPLINO SAMPL			ATUF	RE(S)			
	TION Dominio					(200)-	±.			(-)			
SAMPLI	NG					SAMPL	ING		/01	)	SAMPLING	10 0	<i>f</i>
	D(S): peristalti	c/stopped tubir	ıg			INITIAT		Γ: ,	100	25	ENDED AT:	1009	<i>5</i>
FIELD D	ECONTAMINA		/ <u>N</u>	FIE	D-FILT	ERED:	Y	,	<u>N</u>		DUPLICATE:	Y	<u>N</u>
	SAMPLE CON SPECIFICA			S	AMPLE	PRESER'	VATIC	N			INTENDE	) ANALYSIS	
NO.	MATERIAL CODE	VOLUME	PRE	SERVATI\ USED		TOTAL V				NAL H		METHOD	
3	CG	40ml		HCI	AL	ווו חחחר ווו	ILLU	(IIIL)	ρ	"11	601	/602	
1	PE	0.5 L		-							CI, TDS,	NH3, SO4	
1	PE	0.25 L		H2SO4							N	O3	
1	PE	0.5 L		HNO3							Al, Fe, Na, As	, Cd Cr, Pb,	Hg
REMARI	KS:												
MATERI	AL CODES: /	AG = AMBER (	GLASS; C	G = CLEA	R GLAS	S; PE =	POLY	<u>/ET</u> HY	<u>LENE</u>	E; O = OTHE	R (SPECIFY)		
NIC	TE. The	shava da r		4:44.	II _£ 4	ha infa		4:		Live of by C	antar 62 1	COFAC	

### State of Florida, Department of Environmental Protection **GROUNDWATER SAMPLING LOG**

SITE NAME:	Florence C8	&D				SITE	ION: Gaine	sville. FL		. /	
	NO: MW-3R			SAMPL	E ID: MV				DATE:	11/20/2	24/
					PUR	GING D	ATA			11/1/1/1/	′
WELL DIAME 1 WELI	TER (in): 2 VOLUME (g	gal) = (TOTAL	TOTAL W DEPTH (f WELL DE	t): 36.5	TH TO W	T	TATIC DEP O WATER ( WELL CAP	(ft): <b>//</b> •	\$5 WE CAN	LL PACITY (gal/fi	t): 0.16
		= ( 36.5-	) X .16 =	tube in c	enter of s						
PURGE METHO	DD: peristalti	С		PURGE INITIATE AT:	345	PURGE ENDED	AT: 16	M	TOTAL VO PURGED (	gal): 3.	75
TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP.	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDIT' (NTUs)	COLOR	ODOR
J555	2.5	2.5	0,25	13	(40	22.1	1822	100	3	( ) r	Sulter
1558	.75	3.25		,,	1,4		1867	0.9	••	\\r	£.
1600	.5	3.95	••	10	647	22.6	15)0	6.4	, -		ſ
WELL (		Gallons per Fo	oot): 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 - 3	.00				SAME	PLING	DATA				
	.ED BY (PRIN	NT) / Paul Lay	ymon	SAMPLER	(S) SIGNA	ATURE(S)					
, <u>-</u> .,				AQI							
SAMPL		altic/stopped t	tubina	SAMPLIN					SAMPLING ENDED AT:	160	3
FIELD	DECONTAMI			-FILTERED		<u>N</u>			DUPLICATE	,	<u>N</u>
Y S	<u>N</u> AMPLE CON	ITAINER				PRESER'	VATION				
	SPECIFICA MATERI			SERVATIV	TOT	AL VOLU	ME	FINAL		NDED ANALY D/OR METHO	
NO.	AL CODE	VOLUME		E JSED	ADDED	) IN FIELD	O (mL)	рН	AINI	J/OK WETTIO	,D
3	CG	40ml		HCl						601/602	
1	PE	0.5 L		-					Cl,	TDS, NH3, SO	94
1	PE	0.25 L	H	I2SO4						NO3	
1	PE	0.5 L	I	HNO3					Al, Fe, N	Na, As, Cd Cr, I	Pb, Hg
REMAR	SKS- DT/V/:	n MW-3 is <b>~19</b> 7	<b>68%</b>			<u></u> 11	2 7 .	<u> </u>			
		"	.15		71	V11).	グレク	<i>†</i>			
MATER	RIAL CODES:	: AG = AMB	ER GLASS	s; CG = C	LEAR GL	.ASS; PI	E = POLYÉ	IHYLENE; O	OTHER (SP	ECIFY)	

SITE NAME: FI	orence C&D					SIT	E CATION: Ga	ainesvi	lle. FL				,		
WELL NO:	MW-4			SAM	PLE ID:	MW-4			,		DATE:	//	120/	<i>94</i>	,
					F	PURG	ING DA	TA				/			
	R (inches): 2		TER (inches):	3/8	DEPTH:	21.2 fee	NTERVAL et to 36.2 fe	et	STATIC D	:R (feet):(りん			E PUMP T' ILER: PP	/PE	
	t if applicable)	I WELL VO		36.2 feet –	Mid	$\mathcal{L}_{\mathcal{M}}$	<b>3</b> 1		-	-Screen = 1.6					
	NT VOLUME PI	URGE: 1 EQU			VOLUME	+ (TUBI	NG CAPACI	TY		JBING LENGTH		CELL	VOLUME		
INITIAL DI	IMP OR TURIN	0 -	FINAL DU	=	gallons	s + (	gallo	ns/foo	ot X	fee	t) +	<del></del>	gallons		gallons
DEPTH IN	JMP OR TUBIN WELL (feet):	30	FINAL PUI DEPTH IN	WELL (fee	t):	30	INITIATE		1654	ENDED AT	:///5-		OTAL VOL PURGED (9		3.75
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPT TO WATE (feet	R (sta	pH andard inits)	TEMP. (°C)	(circ μml	OND. le units) hos/cm μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBI (NTL		COLO (describ		ODOR (describe)
1700	2,5	2.5	0,25		(a)	80	7717	19	536	2.0	7	2	C /	/ 5	re Hur
1703	1.75	3025	٠. '	•	$-\varphi$	81	• •	18	147	),6	1	-1	^		.~
1705	<u> </u>	3.75	••		<u>`</u>	.50	11	12	854	13			3		
					•										
	PACITY (Gallon NSIDE DIA. CAI			<b>1"</b> = 0.0 .0006; <b>3</b>	4; <b>1.2</b> 5 / <b>16"</b> = 0.0	<b>5"</b> = 0.06 0014;	<b>i</b> ; <b>2"</b> = 0.1 <b>1/4"</b> = 0.002		<b>3"</b> = 0.37; <b>5/16"</b> = 0.0		<b>5"</b> = 1.02; 0.006;	; 6" 1/2" =	= 1.47; 0.010;	12" = 5 5/8" = 6	
PURGING	EQUIPMENT C	ODES: B	= Bailer;	BP = Blad			SP = Electric		ersible Pur	mp; <b>PP</b> = F	Peristaltic P	oump;	<b>0</b> = 0	ther (Sp	pecify)
SAMPLED	BY (PRINT) / A	FEII IATION:		SAMPLE			LING DA	ATA							
	on/Dominion, In			AQ.	1		.(0).			SAMPLING INITIATED	AT:/70	5	SAMPLIN ENDED A	· 1 —	)DH
PUMP OR DEPTH IN	TUBING WELL (feet):			TUBING MATERIA	L CODE:	:				FILTERED: `on Equipment T			FILTER S	IZE:	μm
	CONTAMINATIO	ON: PUM	IP Y <u>1</u>	1	TU	JBING	Y <u>N</u> (re	eplace		DUPLICATE			<u>N</u>		
SAM	PLE CONTAINE	ER SPECIFICA	TION				TION (includ	ing we	t ice)	INTENI			MPLING		PLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESER USE			OTAL VOL D IN FIELD (I	mL)	FINAL pH	ANALYSIS METH			ODE		OW RATE per minute)
	1	PE	0.5 L	-						TDS,SO4					
	1	PE	0.5 L	HNO						Meta					
	3	CG	40 ml	HC	;L					601/6	602				
								+							
REMARKS	S:					ı				1		·			
MATERIA	L CODES:	AG = Amber	Glass: CG	= Clear Gla	ss. H	DPF = H	ligh Density F	Polveth	vlene.	LDPE = Low D	ensity Poly	/ethvle	ne. <b>PP</b>	= Polyr	propylene;
		S = Silicone;	- , -		er (Speci			oryen	.,iciic,			, ou iyic	, IF	- i Oiy	лоруюне,
SAMPLIN	G EQUIPMENT	CODES: /	APP = After (T	hrough) Pe	ristaltic P	Pump;	B = Bailer		<b>BP</b> = Bladd	er Pump; <b>E</b> Gravitv Drain):	<b>SP</b> = Elect <b>O</b> = Ot			Pump;	

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

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

SITE	orence C&D					SIT	E CATION: G	inecv	rille Fl					
WELL NO:				SA	MPLE ID:	•	CATION. G	alliesv	ille, i L		DATE:	11/	20/2	]]
WEEL NO.				07			INC DA	т.			DATE.	11/4		7
WELL		TUBIN	2		1		ING DA		STATIC D	EDTU .		DLIDG	E PUMP T	/DE
DIAMETER	R (inches): 2	DIAME	TER (inches):		DEPTH:	30 feet	to 40 feet		TO WATE	R (feet):/D	69		ILER: PP	IFE
WELL VOI	LUME PURGE: t if applicable)	1 WELL VO	LUME = (TO	AL WEL	L DEPTH	- STAT	IC DEPTH 1	O WA	ATER) X	WELL CAPA	CITY			
			= ( 4	0 feet -	feet) X	0.16	gallons/foot	= Tub	oe Mid-Scre	en = 1.6 gall	ons			
	NT VOLUME PO t if applicable)	JRGE: 1 EQI	JIPMENT VOL	= PUM	P VOLUME	+ (TUBI	ING CAPACI	TY	X TU	IBING LENGTI	H) + FLOV	V CELL	VOLUME	
(0) 0				=	gallons	s + (	gallo	ons/foo	ot X	fee	et) +		gallons	= gallons
	JMP OR TUBIN WELL (feet):	<sup>G</sup> 35	FINAL PUI DEPTH IN			35	PURGIN INITIATE		1639	PURGING ENDED AT	165		TOTAL VOL PURGED (g	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEF T WA <sup>-</sup> (fe	O TER et) (sta	pH andard inits)	TEMP. (°C)	(circ μm	COND. cle units) nhos/cm μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURE (NT	BIDITY 'Us)	COLO (describ	
1695	2.5	2,5	0,25	10	. م/ ا	,4/9	21.9	1	1395	7.3	9	7,	( )	-   Sulfu6
1618	,75	3,25	, ε	1	.  -	11	" "	16	94	1.6		4	70	'>
160	.5	3.75	и	ľ	t	٠,	v l	<i>'</i> .	14.	1,4		••		- 1
/ 4														
	PACITY (Gallon NSIDE DIA. CAI			<b>1"</b> = 0 .0006;		<b>5"</b> = 0.06 0014;	5; <b>2"</b> = 0.1 <b>1/4"</b> = 0.002		<b>3"</b> = 0.37; <b>5/16"</b> = 0.0	<b>4"</b> = 0.65; 004; <b>3/8"</b> =	<b>5</b> " = 1.02 0.006;		' = 1.47; 0.010;	<b>12</b> " = 5.88 <b>5/8"</b> = 0.016
PURGING	EQUIPMENT C	ODES: E	s = Bailer;	BP = Bla	dder Pump	); ES	SP = Electric	Subm	nersible Pur	mp; <b>PP =</b> 1	Peristaltic	Pump;	<b>O</b> = O	ther (Specify)
					_		LING DA	ATA	1					
	BY (PRINT) / A on/Dominion, In			SAMPL	ER(S) SIGI	NATURE	:(S):			SAMPLING	1 /	ر.		
	MOJ INITIATED AT: 1653 ENDED AT: 1653													
PUMP OR DEPTH IN	TUBING WELL (feet):			TUBING MATER	G RIAL CODE:	:				FILTERED: `on Equipment T			FILTER S	IZE: μm
FIELD DE	CONTAMINATIO	ON: PUN	<u>1</u> Y <u>1</u>	1	TL	JBING	Y <u>N</u> (re	eplace	ed)	DUPLICATE	Ξ: Y	<i>'</i>	<u>N</u>	
SAM	PLE CONTAINE	ER SPECIFICA	ATION	SA	AMPLE PRE		TION (includ	ing we	et ice)	INTEN			MPLING JIPMENT	SAMPLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME		RVATIVE SED	1	OTAL VOL D IN FIELD (	mL)	FINAL pH	ANALYSIS METH			CODE	FLOW RATE (mL per minute)
	3	CG	40ml	ŀ	HCI			_		601/6		1		
	1	PE	0.5 L		-					CI,TDS,N	O3,SO4	1		
	1	PE	0.5 L	Н	NO3					Meta	als			
								_						
								_						
REMARKS	<u>.</u>													
NEWARKS	<b>,</b> .													
MATERIA	L CODES:	AG = Amber	Glass: CG	= Clear G	Glass: H	DPE = H	ligh Density I	Polveti	hvlene:	LDPE = Low [	ensity Po	lvethvle	ene: PP	= Polypropylene;
		S = Silicone;			ther (Speci			J., J.	,,		y i 0	.,,		. 5., p. 5 p. 10110,
SAMPLING	G EQUIPMENT		APP = After (T				B = Bailer SM = Straw		BP = Bladd	er Pump; <b>I</b> Gravitv Drain):		ctric Su Other (S	bmersible F	Pump;

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

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

62-160.800 F.A.C. Revision Date: March 1, 2014

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

SITE NAME: FIG	orence C&D				SIT	ΓΕ CATION: Gaine	esville	e. FL						
WELL NO:				SAMPLE ID:	•			-,		DATE:				
					PURG	ING DAT	Α							
	R (inches): 2		TER (inches):	WELL S	CREEN I	NTERVAL o feet	1	STATIC DE	R (feet):			E PUMP T` .ILER: PP	YPE	
(only fill ou	t if applicable)		= (	feet – feet) X = PUMP VOLUM	0.16 g E + (TUB	allons/foot = Tu ING CAPACITY	ube M	Mid-Scree X TU	n = 1.6 gallons BING LENGTH	s ) + FLOW	V CELL			
				= gallor	ns + (	gallons	/foot	X	feet	) +		gallons		
	JMP OR TUBIN WELL (feet):	G		MP OR TUBING WELL (feet):		PURGING INITIATED	AT:		PURGING ENDED AT:	,		OTAL VOL PURGED (9	-	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	I WAIER I '	pH tandard units)	(°C)	circle µmh	OND. e units) os/cm uS/cm	OXYGEN (circle units) mg/L or % saturation		BIDITY 'Us)	COLO (describ		
	PACITY (Gallon ISIDE DIA. CAI					5; <b>2"</b> = 0.16; <b>1/4"</b> = 0.0026;		" = 0.37; 5/ <b>16"</b> = 0.0		<b>5</b> " = 1.02 0.006;		' = 1.47; 0.010;	<b>12"</b> = 5.88 <b>5/8"</b> = 0.016	
PURGING	EQUIPMENT C	ODES: E	3 = Bailer;	BP = Bladder Pum		SP = Electric Su		rsible Pun	np; <b>PP</b> = P	eristaltic l	Pump;	<b>O</b> = O	ther (Specify)	
SAMPLED	BY (PRINT) / A	FFILIATION:		SAMPLER(S) SIG		LING DAT	A							
Paul Laym	Paul Laymon/Dominion, Inc.  SAMPLING INITIATED AT:  SAMPLING ENDED AT:  PUMP OR TUBING DEPTH IN WELL (feet):  SAMPLING ENDED AT:  FIELD-FILTERED: Y N FILTER SIZE: μm  Filtration Equipment Type:													
-				TUBING MATERIAL CODE	≣:							FILTER S	IZE: μm	
FIELD DE	CONTAMINATIO	ON: PUI	<u>1</u> Y 9N	<u>v</u> T	UBING	Y <u>N</u> (repla	aced	)	DUPLICATE:	Υ	′	<u>N</u>		
	PLE CONTAINE	R SPECIFIC	ATION			TION (including	wet		INTEND ANALYSIS A			MPLING JIPMENT	SAMPLE PUMP FLOW RATE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED		OTAL VOL D IN FIELD (mL	)	FINAL pH	METHO			CODE	(mL per minute)	
	3	CG	40ml	HCI					601/60					
	1	PE	0.5 L	-					CI,TDS,NO	-				
	1	PE	0.5 L	HNO3					Metal	s				
REMARKS	3:				1		-		1					
MATERIA	L CODES:	AG = Amber S = Silicone;	*	= Clear Glass; I O = Other (Spec		ligh Density Poly	yethy	ylene;	LDPE = Low De	ensity Pol	lyethyle	ene; <b>PP</b>	= Polypropylene;	
SAMPLING	G EQUIPMENT			hrough) Peristaltic se Flow Peristaltic		B = Bailer; SM = Straw Me		<b>P</b> = Bladde d (Tubing 0			ctric Su Other (S	bmersible F Specify)	Pump;	

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

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

62-160.800 F.A.C. Revision Date: March 1, 2014

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

### State of Florida, Department of Environmental Protection **GROUNDWATER SAMPLING LOG**

SITE NAME:	Florence C&D					SITE LOCATION:	Gaine	esville	e. FL		ı	1
	NO: MW-5			SAMPLE					-,	DATE: /	1/21	124
			l		PURC	SING DA	TA			1	( )	10/
WELL DIAME	ΓER (in): 2		TOTAL W DEPTH (f			ST. TO	ATIC E WATE	DEPT ER (ft	H 3.50	WELL CAPACI	TY (gal/ft): 0	).16
	VOLUME (gal)	= (TOTAL WELL	DEPTH -	DEPTH TO	WATER	) X WELL C	APAC	ITY =		<u> </u>	(0 )	
DUDOE	-	= ( 18.5 <b>3,5</b> ) X .	16 = 214	NIBOE			DUD	<u> </u>			1/01	
PURGE METHO	D: peristaltic		1	PURGE NITIATED	AT: /D	·30	PURC		r: 1045	TOTAL PURG	L VOL. ED (gal): <b>4</b>	3-75
TIME	VOLUME PURGED (gal)	VOLUME PURGED (gal)	RATE (gpm) \	DEPTH TO VATER (ft)	PH	TEMP.	COI (µml		DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
10/0	2.5		0,25	4 =	5,04	22,0	7		1.0	3	Clr	AME
/d'	3 0.75	3.25	1,	٠, ا	` النك		7	V	0.8	, ,		• (
104	5 65	3.75	٧.	`	51/Le	נ ז	7		Bile	٠,	•	٠,
WELL (	 CAPACITY (Gal	lons per Foot): 0	.75" = 0.02;	1" = 0.04	; 1.25" =	 = 0.06;   2" =	 = 0.16;	3" =	 = 0.37;   4" = 0.6	<u> </u>	 6" = 1.47;   12	<u> </u> 2" = 5.88
						LING D						
	ED BY (PRINT) ATION Dominio	/ Paul Laymon n, Inc.			S	ampler(s 2001	) SIGN	IATUI	RE(S)			
SAMPL	ING DD(S): peristalti	c/tubina				AMPLING NITIATED A	т.	10	45	SAMPLING ENDED AT:	D4 4	5
	DECONTAMINA		<u>N</u>	FIELD	-FILTER		··· /	<u>N</u>		DUPLICATE:	Y	<u>N</u>
	SAMPLE CON			SAN	IPLE PR	ESERVATIO	ON.			INITENIDE		
NO.	SPECIFICA MATERIAL CODE	VOLUME		ERVATIVE JSED		TAL VOLUI		1	NAL oH		D ANALYSIS METHOD	
3	CG	40ml		HCI							1/602	
1	PE	0.5 L		-							OS, NH3	
1	PE	0.25 L		2SO4							103	
1	PE PE	0.5 L 0.25 L	-	INO3						Al, Fe, Na, As	6, Cd Cr, Pb, 604	Hg ————————————————————————————————————
	PE	U.25 L		-								
REMAR	RKS:. Insufficien	t water to sample						1	l			
MATER	IAL CODES:	AG = AMBER GL	ASS; CG	= CLEAR	GLASS;	PE = POL	YETH)	<u> LEN</u>	E; O = OTHE	R (SPECIFY)		

SITE         SITE           NAME: Florence C&D         LOCATION: Gainesville, FL																
WELL NO:				SAN	MPLE ID: N		<u> </u>					DATE:	11	1201	24	/
					Р	URG	ING DA	TA						10-1	<i>v</i> /	
WELL		TUBIN			WELL SC	REEN II	NTERVAL		STATIC D		11.	89		E PUMP T	YPE	
	R (inches): 2  LUME PURGE:		TER (inches):	TAI WELL	DEPTH -	- STAT	et to 26.5 fee	O WA	TO WATE	WFII	CAPACI	TY	OR BA	AILER: PP		
	it if applicable)		= ( '	26 5 feet	M to	51	رم مر gallons/foot	= Tuk	he Mid-Sc	reen =	1.6 gallo	ne				
	NT VOLUME PU	JRGE: 1 EQ	UIPMENT VO	= PUMP	VOLUME	+ (TUBI	NG CAPACI	TY	X TU	JBING	LENGTH)	+ FLOV	V CELL	VOLUME		
(Only IIII Ou	п п аррпсавіе)			=	gallons	+ (	gallo	ns/foot	t X		feet)	+		gallons	=	gallons
	JMP OR TUBIN WELL (feet):	G 21		MP OR TU WELL (fee		2 (	PURGIN INITIATE		945	EN	RGING DED AT	000		TOTAL VOL PURGED (g		3.75
TIME VOLUME PURGED (gallons) (gallons) (gpm)					=R (stai	oH ndard nits)	TEMP. (circle units) OX\ (circle units) (circle units) (circle units)			SOLVED YGEN le units) g/L <u>or</u> aturation	TURBIDITY (NTUs)		COLOR (describe)		ODOR (describe)	
955	25	7.5	0,5	5 12	() (2.	59	233	)4 t	25	Ι,	2_	2		Clr		MONE
958	10:13	3.30	،٬	h-	Jac e	58	t r	)4	07		· <del>5</del>	<u> </u>	• •	,	$\perp$	
1010 0.5 3.75 " " " " 0.7												٠,	''		<i>;</i>	
	PACITY (Gallon					" = 0.06	; <b>2"</b> = 0.1 <b>1/4"</b> = 0.002		5" = 0.37; 5/16" = 0.		0.65; 3/8" = 0	5" = 1.02		" = 1.47; = 0.010;	12" =	5.88 0.016
	EQUIPMENT C	,	<b>3</b> = Bailer;		der Pump;		SP = Electric				<b>PP</b> = Pe					Specify)
					_		LING DA	ATA								
	BY (PRINT) / A on/Dominion, In			SAMPLE	R(S) SIGN	IATURE	(S):				MPLING FIATED AT	:) \( \tag{c} \)	<del>)</del> )	SAMPLIN ENDED A	•	003
PUMP OR DEPTH IN	TUBING WELL (feet):			TUBING MATERIA	AL CODE:						RED: Y ipment Ty	N be:		FILTER S	IZE: _	μm
FIELD DE	CONTAMINATIO	ON: PU	MP Y <u>I</u>	<u> </u>	TUE	BING	Y <u>N</u> (re	eplaced	d)	DUF	PLICATE:	Y	′	<u>N</u>		
	PLE CONTAINE		ATION				TION (includi	ng wet		ANA	INTENDI ALYSIS A			MPLING JIPMENT		PLE PUMP OW RATE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESER US			OTAL VOL D IN FIELD (r	mL)	FINAL pH	7 (1 4)	METHO			CODE		per minute)
	3	CG	40ml	H	CI						601/60	2				
	1	PE	0.5 L		-					CI,	TDS,NO	3,SO4				
	1	PE	0.5 L	HN	O3						Metals	5				
REMARKS	<u>.</u> 3:															
	L CODES:		,	hrough) P	ner (Specify eristaltic Pu	y) ump;	igh Density F <b>B</b> = Bailer; <b>SM</b> = Straw	В	<b>IP</b> = Bladd	ler Pum		P = Ele	ctric Su	ene; <b>PP</b> ubmersible F		/propylene;

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

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

SITE  NAME: Florence C&D  SITE  LOCATION: Gainesville, FL  , , , , ,														
WELL NO:				SAM	IPLE ID: MW-7		allicoviii	O, I L		DATE:	11	120	124	
					PHR	GING DA	ΤΔ					( - /	<i>V</i> '	
WELL		TUBIN			WELL SCREEN			STATIC D	DEPTH 7	38	PURG	E PUMP TY	/PE	
	R (inches): 2		TER (inches):		DEPTH: 8.5 fe		t   1	TO WATE	R (feet):		OR BA	ILER: PP		
(only fill ou	LUME PURGE: t if applicable)	1 WELL VO	LUME = (TO	TAL WELL	DEMIA ST	ATIC DEPTH T	OWAT	ER) X	WELL CAPAC	SITY				
FOLIPME	NT VOLUME PI	IRGE: 1 FOI	= ( 2	23.5 feet – = PLIMP	feet) X (	0.16 gallons/fo	ot = Tu	ube Mid-S	Screen = 1.6 g JBING LENGTH	allons	V CELL	VOLUME		
	t if applicable)			_	,					,	. 0222		- zallana	
INITIAI PI	JMP OR TUBIN	G / O	FINAL PU	MP OR TU	gallons + (	PURGIN	ns/foot	<u>^                                    </u>	feet PURGING	.)+ .1.17	· 🗸 т	gallons OTAL VOL		
	WELL (feet):	<u> 19</u>	DEPTH IN		· 1/A	INITIATI		[1]E	ENDED AT	// >		URGED (g	allons): 5,75	
	VOLUME	CUMUL. VOLUME	PURGE	DEPT		TEMP.		ND. e units)	DISSOLVED OXYGEN	TUDE	BIDITY	COLO	R ODOR	
TIME	TIME PURGED PURGED			TO WATE	R (standard	I (°C)	`	os/cm	(circle units) mg/L or	1	Us)	(describ	I	
1	(gallons)	(gallons)	(gpm)	(feet	) (11/0	nna		ιS/cm	% saturation	~2		-		
1/25	1/25 2.5 2.5 025 9 649 224 1969 04											(7)	1/1/	
1129	175	325	<i>"</i>	• • • • • • • • • • • • • • • • • • • •	40150	1 72.9	20	22	<u> </u>		••	′.		
1130	50 .5 3.75 y " 2026										~	`	<u> </u>	
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88														
TUBING IN	ISIDE DIA. CAI	PACITY (Gal./	Ft.): <b>1/8"</b> = 0		<b>3/16"</b> = 0.0014;			<b>5/16"</b> = 0.			1/2" =		<b>5/8"</b> = 0.016	
PURGING	EQUIPMENT C	ODES: E	s = Bailer;	BP = Blad		ESP = Electric PLING DA		rsible Pui	mp; <b>PP</b> = F	eristaltic	Pump;	<b>O</b> = O	ther (Specify)	
SAMPLED	BY (PRINT) / A	FFILIATION:		SAMPLE	R(S) SIGNATUI		AIA							
Paul Laym	on/Dominion, In	C.		Owo					SAMPLING	T. 119	عدا	SAMPLIN	11	
				alle	7				INITIATED A	···// -	)V	ENDED A	17/55	
PUMP OR	TUBING WELL (feet):			TUBING	AL CODE:				-FILTERED: Y			FILTER S	ZE: μm	
	CONTAMINATION	ON: PUN	1 Y 91		TUBING	Y N (re	eplaced		DUPLICATE		,	<u>N</u>		
SAM	PLE CONTAINE	R SPECIFICA			IPLE PRESER\	/ATION (includ	ing wet	ice)	INTEND	DED	SAN	MPLING	SAMPLE PUMP	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESER	VATIVE	TOTAL VOL DED IN FIELD (		FINAL pH	ANALYSIS A			IPMENT ODE	FLOW RATE (mL per minute)	
	3	CG	40ml	Н	CI				601/6	02				
	1	PE	0.5 L	-					CI,TDS,NC	)3,SO4				
	1	PE	0.5 L	HN	03				Meta	ls				
DEMARKS	<b>.</b>													
REMARKS	<b>)</b> :													
MATERIA	L CODES:	AG = Amber	- , -	= Clear Gla		High Density I	Polyethy	/lene;	LDPE = Low D	ensity Pol	lyethyle	ne; <b>PP</b>	= Polypropylene;	
SAMPLING	G EQUIPMENT			hrough) Pe	er (Specify) eristaltic Pump; eristaltic Pump;	B = Bailer			ler Pump; <b>E</b> Gravity Drain):		ctric Sul	bmersible F	Pump;	

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

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

SITE	orence C&D						SITE	E CATION: Ga	inaevil	la Fl					r ,		
WELL NO:					SA	MPLE ID:	•	ATION. Ga	IIICSVII	ic, i L			DATE:	11	120/		
WEEE NO.								ING DA	TΛ				<i>D</i> , (12.	<u> </u>			
WELL		ТІ	JBING			1	CREEN IN			STATIC D	EPTH 4	<u> </u>	, ,	PLIRG	E PUMP T	/PF	
DIAMETE	R (inches): 2	DI	IAMETE	ER (inches):		DEPTH:	4 feet to	19 feet	.	TO WATE	R (feet):		7		ALER: PP		
	LUME PURGE: it if applicable)	1 WELI	L VOL	JME = (TOT	TAL WEL	L DEPTH	- STAT	C DEPTH T	O WA	TER) X	WELL C	CAPACI	TY				
` -	,, ,				6.5 feet -	- feet)	X 0.16	gallons/foo	ot = T	ube Mid-S							
	NT VOLUME PI	JRGE: 1	EQUI	PMENT VOL	= PUM	P VOLUME	+ (TUBIN	NG CAPACI	ΓΥ	X TU	JBING LE	NGTH)	+ FLOV	V CELL	VOLUME		
` .					=	gallons	s + (		ns/foot	t X	-	feet)	+	_	gallons		gallons
	JMP OR TUBIN WELL (feet):	<sup>G</sup> /5		FINAL PUI DEPTH IN			15	PURGIN INITIATE		134	5 PURCENDE	GING ED AT:	40		FOTAL VOL PURGED (g		3.75
		CUM	IUL.		DEF	PTH	mll		CC	OND.	DISSO						
			JME GED	PURGE RATE	WA <sup>-</sup>	TER (sta	pH andard	TEMP. ( <sup>O</sup> C)	,	e units) nos/cm	(circle units)		1	SIDITY (Us)	COLO (describ		ODOR (describe)
	(gallons)	(gpm)	(fe	1 11	ınits)	( )	•	μS/cm	mg/L % satu		(	00)	(GOOOTIE	,0,	. [		
135 2.5 2.5 0.3 8 10-99 24. 1873 1-D 3 115												Suhl					
(331		3.	25	~		"	16	* 1	10	74	0	5			\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		•
1400		3.	15	*		11 /2-	A8	٠,	10	7/0	0.	ヿ		••		•	-6
									•	/		•					
	PACITY (Gallon NSIDE DIA. CAI				<b>1"</b> = 0 .0006;		<b>5"</b> = 0.06; 0014;	<b>2"</b> = 0.16 <b>1/4"</b> = 0.002		" = 0.37; <b>5/16"</b> = 0.6		.65; <b>3/8"</b> = 0	<b>5"</b> = 1.02 .006;		' = 1.47; 0.010;	12" = 5	
PURGING	EQUIPMENT C	ODES:	В=	Bailer;	BP = Bla	dder Pump		P = Electric		ersible Pur	mp; l	<b>PP =</b> Pe	eristaltic	Pump;	<b>O</b> = O	ther (Sp	pecify)
								ING DA	TA								
	BY (PRINT) / A on/Dominion, In		ION:		SAMPL	ER(S) SIGI	NATURE(	S):			SAMP	PLING			SAMPLIN	G •	
-					AU.	7					INITIA	ATED A	r: /4/	00	ENDED A	T: //	D3
PUMP OR					TUBING						-FILTERE		N		FILTER S	IZE:	μm
	WELL (feet): CONTAMINATION	JN.	PUMP	, A V		RIAL CODE:	: JBING	Y N (re	placed		on Equipn	nent i y .ICATE:	pe: Y	,	<u>N</u>		
	PLE CONTAINE							ION (includi	•	•		NTENDI		1	MPLING	SVME	PLE PUMP
SAMPLE	#	MATERI	IAI	_		RVATIVE		OTAL VOL	Ing wet	FINAL	ANAL	YSIS A	ND/OR	EQL	JIPMENT	FLC	W RATE
ID CODE	CONTAINERS	CODE	-	VOLUME		SED	ADDED	IN FIELD (r	nL)	pН		METHO		+ (	CODE	(mL p	per minute)
	3	CG		40ml	<u> </u>	HCI						601/60		+			
	1	PE		0.5 L		-					CI,TE	DS,NO	-	+			
	1	PE		0.5 L	H	NO3						Metals	3				
											+			+			
									+					-			
REMARKS	<u> </u>																
MATERIA	L CODES:	AG = Ar	mber G	lass; CG	= Clear G	Glass; <b>H</b>	DPE = Hi	gh Density F	olyeth	ylene;	LDPE =	Low De	nsity Po	lyethyle	ene; <b>PP</b>	= Poly	propylene;
		S = Silic	one;	<b>T</b> = Teflon;	<b>O</b> = O	ther (Speci	fy)										
SAMPLIN	G EQUIPMENT	CODES:		PP = After (T				B = Bailer; SM = Straw		<b>P</b> = Bladd d (Tubing					bmersible F Specify)	Pump;	

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

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

SITE         SITE           NAME: Florence C&D         LOCATION: Gainesville, FL													
WELL NO				SAMPL	E ID: CW-8	30711101111 00		0,		DATE:	11/2	2d 2	Y
					PURC	GING DA	TA				יין ו	70	
WELL		TUBIN		W	ELL SCREEN	INTERVAL	8	STATIC DI		·		E PUMP T	YPE
	R (inches): 2  LUME PURGE:		TER (inches):		PTH: <b>1</b> feet			FO WATE	` '		OR BA	ILER: PP	
	ıt if applicable)		= (					,	n = 1.6 gallon				
	NT VOLUME PO	JRGE: 1 EQ	UIPMENT VO	= PUMP VC	DLUME + (TUE	BING CAPACI	TY	X TU	BING LENGTH	) + FLOW	CELL	VOLUME	
(Offiny fill Oc	и п аррпсаые)			= (	gallons + (	gallo	ns/foot	Χ	feet	) +		gallons	= gallons
	JMP OR TUBIN   WELL (feet):	G <b>4-19</b>		MP OR TUBIN WELL (feet):	1G /5	PURGIN INITIATE				TOTAL VOL PURGED (g			
TIME VOLUME VOLUME PURGED PURGED (gallons) (gpm)				DEPTH TO WATER (feet)	pH (standard units)	TEMP.	(circle µmh	OND. le units) nos/cm µS/cm  DISSOLVED OXYGEN (circle units) mg/L or % saturation		TURBIDITY (NTUs)		COLO (describ	
134	7 15	15	15	9	4:20	722.5	12	46	0.9		}	(C)	Sniger
	PACITY (Gallon				<b>1.25"</b> = 0.0 <b>6"</b> = 0.0014;			" = 0.37; 5/ <b>16"</b> = 0.0	<b>4"</b> = 0.65; 004; <b>3/8"</b> = 0	<b>5</b> " = 1.02		' = 1.47; 0.010;	<b>12"</b> = 5.88 <b>5/8"</b> = 0.016
	EQUIPMENT C	,	<b>3</b> = Bailer;	BP = Bladder		SP = Electric				eristaltic F			ther (Specify)
					_	LING DA	ATA						
	) BY (PRINT) / A non/Dominion, In			SAMPLER(S	S) SIGNATUR	E(S):			SAMPLING INITIATED A	T: 13	45	SAMPLIN ENDED A	
PUMP OR	TUBING			TUBING				FIFI D-I	 FILTERED: Y	N	( )	FILTER S	IZE: μm
DEPTH IN	WELL (feet):			MATERIAL				Filtratio	n Equipment Ty	уре:			μ
	CONTAMINATIO		-	<u>\</u>	TUBING		eplaced	•	DUPLICATE		1	<u>N</u>	
SAMPLE	PLE CONTAINE	R SPECIFIC MATERIAL	-	SAMPL	E PRESERVA	ATION (includi	ng wet	ice) FINAL	INTEND ANALYSIS A	AND/OR	EQL	MPLING JIPMENT	SAMPLE PUMP FLOW RATE
ID CODE	CONTAINERS	CODE	VOLUME	USED		ED IN FIELD (I	mL)	pH	METHO			CODE	(mL per minute)
	3	CG	40ml	HCI					601/6				
	1	PE	0.5 L	-					CI,TDS,NC				
	1	PE	0.5 L	HNO3					Meta	IS			
REMARKS	S:				1				1		1		
	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;												

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

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

SITE  NAME: Florence C&D  SITE  LOCATION: Gainesville, FL														
WELL NO:				SA	AMPLE ID: N	•	10h 101							
WEELNO				0,			NG DAT	ΓΛ			D/(IL.		100	
WELL		TUBIN			WELL SC				STATIC D	EPTH		PURG	E PUMP T	/PE
DIAMETE	R (inches): 2	DIAME	TER (inches):		DEPTH!	7 feet to	feet		TO WATE	R (feet):			AILER: PP	
	LUME PURGE:	1 WELL VO	LUME = (TO	TAL WEL	L DEPTH -	- STAŤI	C DEPTH TO	TAW C	ΓER) X	WELL CAPA	CITY			
` ,	NT VOLUME P	UDCE: 4 FO	= (							n = 1.6 gallo IBING LENGTI		N OF L	VOLUME	
	it if applicable)	UKGE. IEQ	JIPIVIENI VOI	L. – PUIVI		`					,	W CELL		
INITIAL DI	IMD OD TUDIN	C 1	FINIAL DIL	= MD OD T	gallons	+(		ns/foot	: X	fee PURGING	et) +	-	gallons	
DEPTH IN	JMP OR TUBIN WELL (feet):	70-20	DEPTH IN	WELL (f	MP OR TUBING MELL (feet): PURGING INITIATED AT 1530						:/4		TOTAL VOL PURGED (g	
	VOLUME	CUMUL. VOLUME	PURGE	DEF		оН	TEMP.		OND. e units)	DISSOLVED OXYGEN	TIID	BIDITY	COLO	R ODOR
TIME	TIME PURGED PURGED RATE			WA	TER   (sta	ndard nits)	(°C)	μmh	os/cm	(circle units) mg/L or		TUs)	(describ	
• .	(gallons)	(gallons)	(gpm)	,	et)		RU	or 1	uS/cm	% saturation		<u> </u>	<b>,</b>	
1600	15	15	0.5		2 /	·21	7101	2	וסי	0.4			درے 🗆	- reme
		•											-	
	PACITY (Gallon			<b>1</b> " = 0		" = 0.06;			" = 0.37;	<b>4"</b> = 0.65;	<b>5</b> " = 1.0		' = 1.47;	<b>12</b> " = 5.88
	NSIDE DIA. CAI EQUIPMENT O	`	Ft.): 1/8" = 0 B = Bailer;		3/16" = 0.0 adder Pump;		<b>1/4"</b> = 0.0026 <b>P</b> = Electric S		<b>5/16"</b> = 0.0 ersible Pun		0.006; Peristaltic			<b>5/8"</b> = 0.016 ther (Specify)
			,		1 /		ING DA			17				(1 )/
	BY (PRINT) / A			SAMPL	ER(S) SIGN	IATURE(	S):						SAMPLIN	_
Faui Layiii	on/Dominion, in	ю.		all	21					SAMPLING INITIATED	G T: <b>////&gt;</b>			
PUMP OR	TUBING			TUBING	<i>с</i> / Э				FIELD-	D-FILTERED: Y N FILTER SIZE:				
	WELL (feet):				RIAL CODE:					n Equipment T				IZE: μm
	CONTAMINATIO		-	<u>N</u>				olaced	,	DUPLICATE		Y	<u>N</u>	
	PLE CONTAINE		ATION				TON (includin	ig wet	ice) FINAL	INTEN ANALYSIS			MPLING JIPMENT	SAMPLE PUMP FLOW RATE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME		RVATIVE SED		IN FIELD (m	ıL)	pH	METH			CODE	(mL per minute)
	3	CG	40ml	ŀ	-ICI					601/6	02			
	1	PE	0.5 L		-					CI,TDS,N	O3,SO4			
	1	PE	0.5 L	HI	NO3					Meta	als			
								$\perp$				_		
REMARKS	<u> </u>													
T TEIVIAI (TC	··													
MATERIA	L CODES:	AG = Amber	Glass; CG	= Clear G	Glass; <b>H</b> [	OPE = Hiç	gh Density Po	olyethy	ylene;	LDPE = Low [	ensity Po	olyethyle	ene; <b>PP</b>	= Polypropylene;
		S = Silicone;			ther (Specif	•								/
SAMPLIN	G EQUIPMENT		APP = After (1				B = Bailer; SM = Straw N		P = Bladde	er Pump; <b>I</b> Gravitv Drain):		ectric Su Other (S	ibmersible F	Pump;

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

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

SITE NAME: Florence C&D  SITE LOCATION: Gainesville, FL															
WELL NO:	: MW-14			SAM	PLE ID:	MW-14			,		DATE:	1//	20/2	4	
							ING DA	ГА				•••	92		
	R (inches): 2		TER (inches):	3/8	DEPTH:	feet to	FRVAL feet	Т	STATIC DE O WATE	R (feet):	9		GE PUMP T' AILER: PP	/PE	
	LUME PURGE: ut if applicable)	1 WELL VO	LUME = (TO) = (				TIC DEPTH TO allons/foot =		,						
	NT VOLUME Pout if applicable)	URGE: 1 EQU	JIPMENT VO	= PUMP ' =	/OLUME	,		Y ns/foot			GTH) + FLOV	V CELI	L VOLUME gallons	= gallons	
INITIAL PU DEPTH IN	JMP OR TUBIN WELL (feet):	G <b>G ~ J</b> Q		MP OR TUE WELL (fee	BING	NG /// PURGING				PURGIN	1G 120	ア	TOTAL VOLUME PURGED (gallons): 25		
TIME	DEPT TO WATE (feet)	H (sta	pH TEMP. (circle units) (°C) μmhos/cm or μS/cm			ND. e units) os/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation			COLO (describ	R ODOR				
430V	25	25	0.5	· 10	5.	.53	22.4	Ų	9	1.7	6	87	bri	* nox	
							*	χı	ird	pan	<b>S</b> î	K			
WELLOA	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 II	NSIDE DIA. CAI EQUIPMENT O	PACITY (Gal./		1" = 0.04 .0006; 3 BP = Blade	<b>16" =</b> 0.		; 2" = 0.16 1/4" = 0.0026 SP = Electric S	s; <b>5</b>	' = 0.37; 5/ <b>16"</b> = 0.0 rsible Pum		; <b>5</b> " = 1.0 " = 0.006; = Peristaltic	1/2" =		<b>12</b> " = 5.88 <b>5/8"</b> = 0.016 ther (Specify)	
- Citolito	LQOII IIILINI G		Ballot,	Di Diade		-	ING DA		iolbio i dii	ιρ,	1 Onotatio	r ump,	<u> </u>	шы (ороону)	
	BY (PRINT) / A on/Dominion, In			SAMPLE	R(S) SIGI	NATURE	(S):			SAMPLII INITIATE		טט	SAMPLIN ENDED A	107 48	
PUMP OR DEPTH IN	TUBING WELL (feet):			TUBING MATERIA	L CODE	:				FILTERED: n Equipme			FILTER S	IZE: μm	
FIELD DE	CONTAMINATIO	ON: PUM	IP Y <u>I</u>	<u>1</u>	TU	JBING	Y <u>N</u> (re	placed)	)	DUPLICA	ATE:	<b>′</b>	<u>N</u>		
SAMPLE	PLE CONTAINE	MATERIAL	VOLUME	PRESER	/ATIVE	T	TION (includir	Ť	FINAL	ANALYS	ENDED SIS AND/OR THOD	EQ	MPLING UIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
ID CODE	CONTAINERS 3	CODE	40ml	USE		ADDEL	) IN FIELD (n	IL)	рН	60	1/602			,	
	1	PE	0.5 L	-	<u> </u>					1	,NO3,SO4				
	1	PE	0.5 L	HNO	)3					М	etals				
DEMARKS	2.														
REMARKS	ο.														
	L CODES:	AG = Amber S = Silicone;	Glass; CG T = Teflon; APP = After (1	= Clear Gla  O = Other	er (Speci	fy)	igh Density P <b>B</b> = Bailer;		vlene; l		w Density Po		ene; <b>PP</b>	= Polypropylene;	
OWIL FILM	C LQUIFINIEN I		RFP - Allei (1				SM = Straw						ubilieisible i Specify)	ump,	

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

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

SITE  NAME: Florence C&D  SITE  LOCATION: Gainesville, FL															
WELL NO:				SA	MPLE ID: (	•	ATION. Oal	Hesviii	G, I L		DATE:	1.	1/01/2	2//	
WEELING				071			NG DA	ГЛ			D/(IL.	_//	10V JO	7	
WELL		TUBIN	2		WELL SC				STATIC DE	EDTH		DI IR	GE PUMP T	/ /DE	
	R (inches): 2	_	G TER (inches):	3/8			28 feet		TO WATER				AILER: PP	IFL	
	LUME PURGE:	1 WELL VO	LUME = (TO	TAL WELI	DEPTH -	- STATI	C DEPTH TO	TAW C	TER) X	WELL CAPAC	CITY				
` -	it if applicable)		= (	feet –	feet) X	0.16 gal	lons/foot =	Tube N	Mid-Screer	n = 1.6 gallo					
	NT VOLUME Post if applicable)	URGE: 1 EQ	JIPMENT VOI	= PUMF	VOLUME	+ (TUBIN	IG CAPACIT	Υ	X TUI	BING LENGTH	H) + FLO\	W CEL	L VOLUME		
, ,	,		_	=	gallons	+ (	gallor	ns/foot	X	fee	et) +		gallons	=	gallons
INITIAL PU	JMP OR TUBIN	G/5-279	FINAL PU			U	PURGING		1425	PURGING	137		TOTAL VOL		11.25
DEPTHIN	WELL (feet):		DEPTH IN		<u> </u>	<del></del>	INITIATE		. / /	DISSOLVED	/ - / -	_ لــــــــــــــــــــــــــــــــــــ	PURGED (g	jalions):	: // 100
VOLUME VOLUME PURG				DEP TO	)   6	oH ndord	TEMP.		OND. e units)	OXYGEN		BIDITY	COLO	R	ODOR
TIME	PURGED PURGED RATE (gallons) (gpm)					ndard nits)	(°C)	•	os/cm S/cm	mg/L <u>or</u>   `		TUs)	ΓUs) (descri		(describe)
1 == 1 ==	" ^~			,	<i>'</i>	E//	776	<del></del> ;	772	% saturation	17		1.56	b	10/0
1515	11,25	11.25	Diff	5 /5	7.1	7	22.5	4	7/	17		2	Wiji	_	NONE
													C DX	<b>3</b> 5/	
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88															
	NSIDE DIA. CA				<b>3/16"</b> = 0.0		/4" = 0.0026		5/ <b>16"</b> = 0.0		0.006;			5/8" = (	
PURGING	EQUIPMENT (	ODES: E	s = Bailer;	BP = Bla	dder Pump;		P = Electric S		rsible Pum	np; <b>PP =</b> I	Peristaltic	Pump	<b>O</b> = O	ther (Sp	pecify)
CAMPLED	BY (PRINT) / A	EEU IATION:		CAMPLI	S/ ER(S) SIGN		ING DA	TA							
	on/Dominion, In			SAMPLI	=K(3) SIGN	IATURE(	5).			SAMPLING			SAMPLIN	G	
				AL.	1					INITIATED	AT: 15	15	ENDED A		25
PUMP OR	TUBING			TUBING	<u>-</u> i				FIELD-F	 FILTERED: `			   FILTER S	IZE:	um
	WELL (feet):				IAL CODE:					n Equipment T					
FIELD DE	CONTAMINATION	ON: PU	<u>1</u> Y 9	<u> </u>	TUI	BING	Y <u>N</u> (re	olaced	)	DUPLICATE	Ē: '	Υ	<u>N</u>		
SAM	PLE CONTAINE	ER SPECIFIC	ATION				ION (includir	ng wet	,	INTEN			AMPLING		PLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME		RVATIVE SED		TAL VOL IN FIELD (m	nL)	FINAL pH	ANALYSIS METH			UIPMENT CODE		OW RATE per minute)
	3	CG	40ml		ICI		,		<b>'</b>	601/6	602				
	1	PE	0.5 L		-					CI,TDS,N	O3,SO4				
	1	PE	0.5 L	Н	103					Meta	als				
REMARKS	REMARKS:														
MATERIA	L CODES:	AG = Amber	- , -	= Clear G		-	gh Density P	olyethy	ylene; I	LDPE = Low [	ensity Po	olyethyl	ene; <b>PP</b>	= Polyp	oropylene;
CAMPLIN	C FOURMENT	S = Silicone;			her (Specify		<b>D</b> = D-9-		D = D11-1	an Dumar:		atri - C	uhman-il-l. f	D. 1000	
SAWIPLIN	G EQUIPMENT		<b>APP</b> = After (T <b>RFPP</b> = Rever				<b>B</b> = Bailer; <b>SM</b> = Straw I		<b>P</b> = Bladde d (Tubing 0	er Pump;			ubmersible F Specify)	ump,	

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

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