2ND 2024 QUARTER-ANNUAL WATER QUALITY MONITORING REPORT

SOUTHEAST LANDHOLDINGS, INCORPORATED
C&D FACILITY
GAINESVILLE, FLORIDA

June 10, 2024

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SOUTHEAST LANDHOLDINGS, INCORPORATED
C&D FACILITY
GAINESVILLE, FLORIDA

June 10, 2024

performed for:

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

performed by:

PAUL D. LAYMON, P.G.
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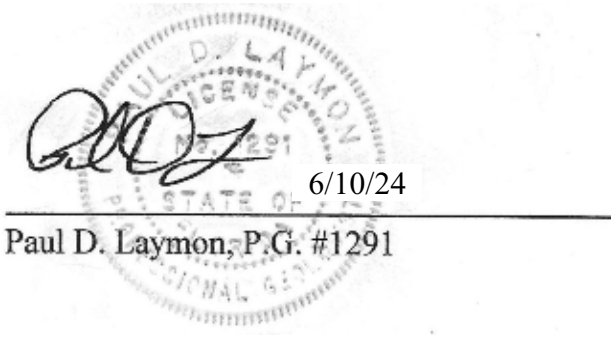

6/10/24

Paul D. Laymon, P.G. #1291

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INTRODUCTION

The following is a Report of the Water Quality Monitoring event for the 2nd Quarter-Annual period of 2024 at the Florence C&D facility, located in Gainesville, Florida. This report has been produced to comply with the facility's Permit Number 70754-006-SO, for the referenced site.

FIELD ACTIVITIES

On May 23, 2024, sampling personnel mobilized to the site to conduct groundwater monitoring activities. Groundwater levels were collected at MW-1R, MW-2, MW-3, MW-3R, MW-4, CW-4, MW-5, MW-6, MW-7, and MW-8; as well as the temporary and assessment wells: TW-7, TW-8, and TW-11; and the off-site piezometers: P-13 and P-14. This event occurred following a period of somewhat lower than typical rainfall amounts. The stormwater ponds on the west and southwest side were retaining little water, which is used to interpolate groundwater flow in the unconsolidated zone.

GROUNDWATER FLOW

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

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

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

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

Table 1. Groundwater Level Data (May 23, 2024)

Well Name	Reference Point Elevation	Screen Interval	Depth to Water	Groundwater Elevation
MW-1R	118.16	79.2-89.2	16.86	101.30
MW-2	121.34	94.3-104.3	11.13	110.21
MW-3	119.94	92-102	12.60	107.34
MW-3R	119.51	83-93	13.00	106.51
MW-4	115.52	79.5-94.5	8.00	107.52
CW-4	119.57	79.6-89.6	12.09	107.48
MW-5	114.62	96.1-106.1	4.94	109.68
MW-6	123.99	90.5-100.5	13.25	110.74
MW-7	118.10	91.8-106.8	9.85	108.25
MW-8	117.02	88.0-98.0	9.14	107.88
TW-7	118.37	83.4-88.4	10.99	107.38
TW-8	115.86	80.9-85.9	8.40	107.46
TW-11	121.10	83-93	14.73	106.37
P-13	119.88	93.2-103.2	12.37	107.51
P-14	117.90	91.7-101.7	9.85	108.05

Measurements are in ft; elevations are in reference to NGVD

QUALITY ASSURANCE

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

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

ANALYSES

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

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

The aluminum CTL of 0.2 milligrams per liter (mg/l) was exceeded in the samples from MW-3R, TW-7, and the background well, with the highest concentrations in the MW-1R sample at 2.8 mg/l. The highest iron concentration was in the sample from MW-7 at 14 mg/l. The sample from the background well had a concentration of 11 mg/l. The iron CTL of 0.3 mg/l was exceeded in every sample except those from MW-2, MW-5, and MW-8.

Sulfate, which has a CTL of 250 mg/l was only exceeded in the shallow rock zone samples from MW-3R, CW-4, and TW-11. The highest concentration was in the TW-11 sample at 400 mg/l. The CTL for TDS of 500 mg/l was exceeded in all of the shallow rock well samples. It was also exceeded in the samples form MW-6, MW-7, and MW-8. Its highest concentration of 1800 mg/l was in the sample from TW-7.

Arsenic was elevated above its CTL of 0.01 mg/l in the sample from MW-8 at a concentration of 0.042 mg/l. Sodium was not detected above its CTL of 160 mg/l in any of the samples from this event.

RECOMMENDATIONS

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

Arsenic was above its CTL in the sample from MW-8 for the second consecutive event. As documented by groundwater flow data, this elevated detection could be coming from the site or the property to the north. Downgradient of this well is documented to be the stormwater basin area in the northwest corner of the site. If this pond is retaining water during the next event, a sample of the surface water will be collected for arsenic.

Quarter-annual monitoring should continue with the following changes.

- ➢ The locations of MW-2 and MW-6 should be referred to as background for the unconsolidated zone.
- ➢ Monitoring at MW-5 should be discontinued.
- ➢ Monitoring of TW-7 and TW-8 should be discontinued and replaced with a 2-inch diameter well of approximately the same depth as these, not more than 25 feet south of the current location of TW-8.

Table 2. Analytical Summary (May 23, 2024)

Well #	Al 0.2 [2]	As 0.01 [1]	Fe 0.3 [2]	Na 160 [1]	Cl 250 [2]	SO_4 250 [2]	TDS 500 [2]
MW-1R	**2.8**	0.0087	**11**	15	15	8.9	470
MW-2	0.087	0.0004u	0.12u	4.2	5.5	5.7	5.0u
MW-3R	**0.28**	0.0009i	**3.0**	51	31	**260**	**1200**
CW-4	0.089	0.0098	**3.0**	140	69	**280**	**1300**
MW-4	0.0049i	0.0089	**4.3**	140	7.2	27	**1400**
MW-5	0.094	0.0004u	0.16i	5.1	7.8	9.2	54
MW-6	0.10	0.0004i	**1.1**	15	7.5	1.1	**900**
MW-7	0.015i	0.0096	**14**	94	31	11	**1400**
MW-8	0.17	**0.042**	0.12u	120	49	77	**1300**
TW-7	**0.35**	0.0012i	**2.3**	98	6.3	86	**1800**
TW-8	0.029i	0.0081	**1.1**	91	43	240	**1100**
TW-11	0.047	0.001i	**0.79**	71	40	**400**	**1400**

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

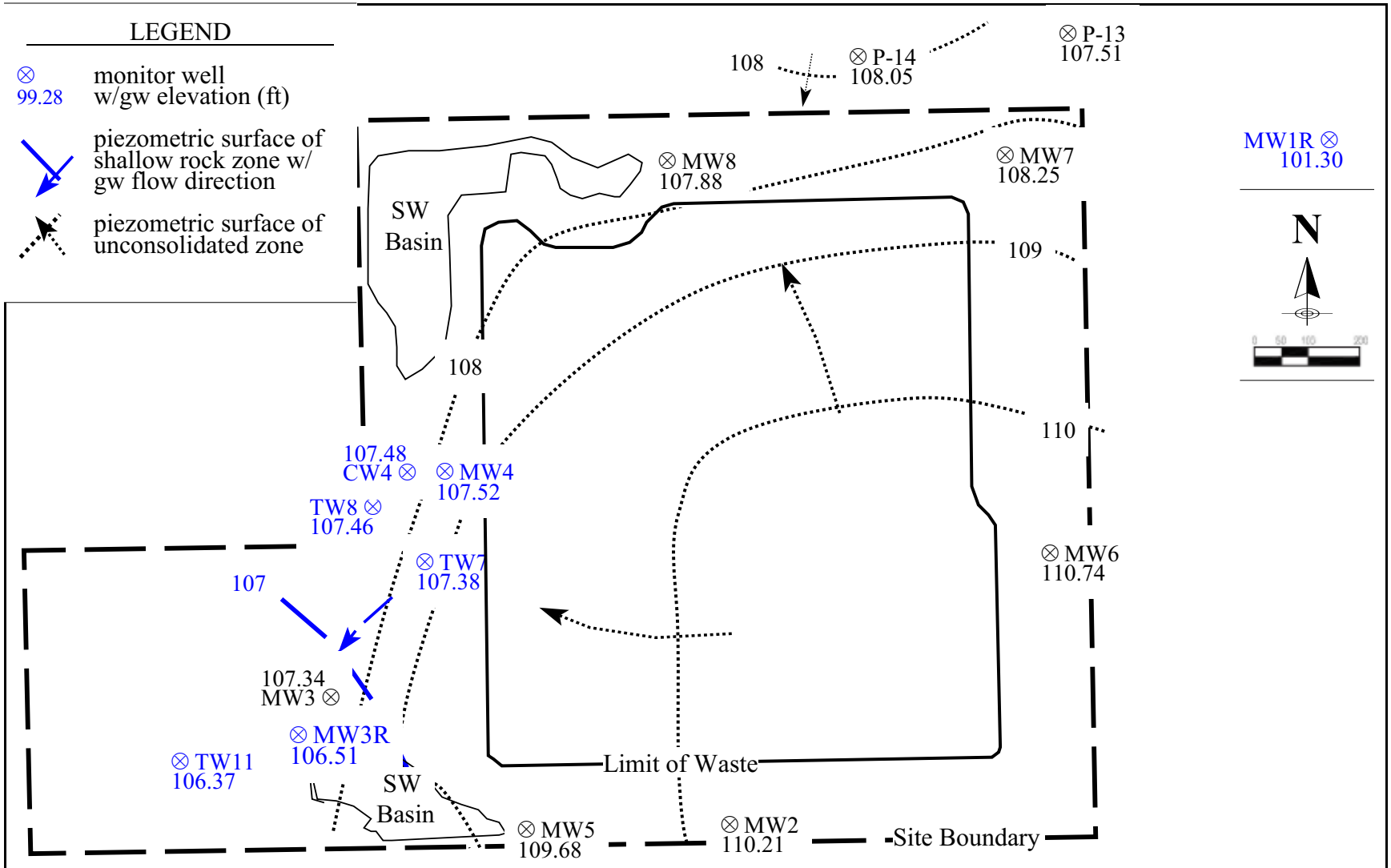

FIGURE 1. Groundwater Flow (5/23/24)

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30036 SE 15th Street
Gainesville, Florida

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(904) 716-1388

ATTACHMENT A

LABORATORY DATA

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Paul Laymon
Dominion, Inc.
3776 Cathedral Oak Place N
Jacksonville, Florida 32217

Generated 6/7/2024 10:15:43 AM

JOB DESCRIPTION

1503.01

JOB NUMBER

670-40479-1

Eurofins Orlando
481 Newburyport Avenue
Altamonte Springs FL 32701

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization

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Definitions/Glossary

Client: Dominion, Inc.
Job ID: 670-40479-1
Project/Site: 1503.01

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

HPLC/IC

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
J	Estimated value; value may not be accurate.
U	Indicates that the compound was analyzed for but not detected.

Glossary

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

Job ID: 670-40479-1 — Eurofins Orlando

Job Narrative
670-40479-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/24/2024 6:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9°C and 2.7°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 670-94270 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 670-94436 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 350.1: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 670-94561 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Ammonia (as N) in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-1R — Lab Sample ID: 670-40479-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	15		0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	8.9		1.0	0.50	mg/L	1		300.0	Total/NA
Iron	11		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	15		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	2.8		0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.0087		0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Cadmium	0.00052	I	0.0010	0.00025	mg/L	1		200.8	Total Recoverable
Chromium	0.011		0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Lead	0.0011	I	0.0020	0.00024	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	0.12		0.020	0.014	mg/L	1		350.1	Total/NA
Total Dissolved Solids	470		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 670-40479-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.5	J	0.40	0.20	mg/L	1		300.0	Total/NA
Nitrate as N	0.21	I	0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	5.7		1.0	0.50	mg/L	1		300.0	Total/NA
Sodium	4.2		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.087		0.040	0.0034	mg/L	1		200.8	Total Recoverable

Client Sample ID: MW-3R — Lab Sample ID: 670-40479-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31		0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	260		10	5.0	mg/L	10		300.0	Total/NA
Iron	3.0		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	51		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.28		0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.00094	I	0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0037		0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Lead	0.00024	I	0.0020	0.00024	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	3.9		0.40	0.28	mg/L	20		350.1	Total/NA
Total Dissolved Solids	1200		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 670-40479-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.2		0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	27		1.0	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Orlando

Detection Summary

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-4 (Continued) — Lab Sample ID: 670-40479-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	4.3		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	140		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.0049	I	0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.0089		0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0025		0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Total Dissolved Solids	1400		10	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: CW-4 — Lab Sample ID: 670-40479-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	69		4.0	2.0	mg/L	10		300.0	Total/NA
Sulfate	280		10	5.0	mg/L	10		300.0	Total/NA
Iron	3.0		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	140		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.089		0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.0098		0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0025		0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	6.5		0.20	0.14	mg/L	10		350.1	Total/NA
Total Dissolved Solids	1300		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 670-40479-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.8	J	0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	9.2		1.0	0.50	mg/L	1		300.0	Total/NA
Iron	0.16	I	0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	5.1		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.094		0.040	0.0034	mg/L	1		200.8	Total Recoverable
Chromium	0.00042	I	0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	1.7		0.040	0.028	mg/L	2		350.1	Total/NA
Total Dissolved Solids	54		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 670-40479-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.5		0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	3.9		1.0	0.50	mg/L	1		300.0	Total/NA
Iron	1.1		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	15		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.10		0.040	0.0034	mg/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-6 (Continued) — Lab Sample ID: 670-40479-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00039	I	0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0038		0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	1.9		0.040	0.028	mg/L	2		350.1	Total/NA
Total Dissolved Solids	900		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 670-40479-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31		0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	11		1.0	0.50	mg/L	1		300.0	Total/NA
Iron	14		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	94		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.015	I	0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.0096		0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0021		0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	3.4		0.20	0.14	mg/L	10		350.1	Total/NA
Total Dissolved Solids	1400		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 670-40479-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	49		0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	77		1.0	0.50	mg/L	1		300.0	Total/NA
Sodium	120		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.17		0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.042		0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0015	I	0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Total Dissolved Solids	1300		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TW-7 — Lab Sample ID: 670-40479-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.3		0.40	0.20	mg/L	1		300.0	Total/NA
Sulfate	86		1.0	0.50	mg/L	1		300.0	Total/NA
Iron	2.3		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	98		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.35		0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.0012	I	0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0023		0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Lead	0.00028	I	0.0020	0.00024	mg/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Orlando

Client Sample ID: TW-7 (Continued) — Lab Sample ID: 670-40479-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia (as N)	0.72		0.040	0.028	mg/L	2		350.1	Total/NA
Total Dissolved Solids	1800		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TW-8 — Lab Sample ID: 670-40479-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	43		4.0	2.0	mg/L	10		300.0	Total/NA
Sulfate	240		10	5.0	mg/L	10		300.0	Total/NA
Iron	1.1		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	91		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.029	I	0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.0081		0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0013	I	0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	1.2		0.20	0.14	mg/L	10		350.1	Total/NA
Total Dissolved Solids	1100		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TW-11 — Lab Sample ID: 670-40479-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	40		4.0	2.0	mg/L	10		300.0	Total/NA
Sulfate	400		10	5.0	mg/L	10		300.0	Total/NA
Iron	0.79		0.20	0.11	mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	71		0.50	0.13	mg/L	1		200.7 Rev 4.4	Total Recoverable
Aluminum	0.047		0.040	0.0034	mg/L	1		200.8	Total Recoverable
Arsenic	0.00097	I	0.0040	0.00039	mg/L	1		200.8	Total Recoverable
Chromium	0.0018	I	0.0020	0.00039	mg/L	1		200.8	Total Recoverable
Ammonia (as N)	12		0.40	0.28	mg/L	20		350.1	Total/NA
Total Dissolved Solids	1400		5.0	5.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-1R
Date Collected: 05/23/24 11:15
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 13:59	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 13:59	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 13:59	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 13:59	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 13:59	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 13:59	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 13:59	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 13:59	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 13:59	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 13:59	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 13:59	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 13:59	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 13:59	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 13:59	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 13:59	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 13:59	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 13:59	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 13:59	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 13:59	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 13:59	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 13:59	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 13:59	1
Acetone	25	U	50	25	ug/L			05/31/24 13:59	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 13:59	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 13:59	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 13:59	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 13:59	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 13:59	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 13:59	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 13:59	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 13:59	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 13:59	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 13:59	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 13:59	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 13:59	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 13:59	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 13:59	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 13:59	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 13:59	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 13:59	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 13:59	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 13:59	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 13:59	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 13:59	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 13:59	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 13:59	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 13:59	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 13:59	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 13:59	1

Client Sample ID: MW-1R

Lab Sample ID: 670-40479-1

Date Collected: 05/23/24 11:15

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 13:59	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 13:59	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 13:59	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 13:59	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 13:59	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 13:59	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 13:59	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 13:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 13:59	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*40 - 146*		*05/31/24 13:59*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 142*		*05/31/24 13:59*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 146*		*05/31/24 13:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		0.40	0.20	mg/L			05/24/24 14:05	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 14:05	1
Sulfate	**8.9**		1.0	0.50	mg/L			05/24/24 14:05	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**11**		0.20	0.11	mg/L		05/24/24 08:36	05/24/24 17:03	1
Sodium	**15**		0.50	0.13	mg/L		05/24/24 08:36	05/24/24 17:03	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.8**		0.040	0.0034	mg/L		05/24/24 08:33	05/28/24 17:18	1
Arsenic	**0.0087**		0.0040	0.00039	mg/L		05/24/24 08:33	05/28/24 17:18	1
Cadmium	**0.00052**	**I**	0.0010	0.00025	mg/L		05/24/24 08:33	05/28/24 17:18	1
Chromium	**0.011**		0.0020	0.00039	mg/L		05/24/24 08:33	05/28/24 17:18	1
Lead	**0.0011**	**I**	0.0020	0.00024	mg/L		05/24/24 08:33	05/28/24 17:18	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:51	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.12**		0.020	0.014	mg/L			06/06/24 19:23	1
Total Dissolved Solids (SM 2540C)	**470**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: MW-2

Lab Sample ID: 670-40479-2

Date Collected: 05/23/24 13:00

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 14:17	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-2
Date Collected: 05/23/24 13:00
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 14:17	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 14:17	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 14:17	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 14:17	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 14:17	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 14:17	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 14:17	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 14:17	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 14:17	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 14:17	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 14:17	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 14:17	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 14:17	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 14:17	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 14:17	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 14:17	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 14:17	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 14:17	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 14:17	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 14:17	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 14:17	1
Acetone	25	U	50	25	ug/L			05/31/24 14:17	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 14:17	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 14:17	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 14:17	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 14:17	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 14:17	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 14:17	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 14:17	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 14:17	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 14:17	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 14:17	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 14:17	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 14:17	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 14:17	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 14:17	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 14:17	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 14:17	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 14:17	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 14:17	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 14:17	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 14:17	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 14:17	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 14:17	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 14:17	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 14:17	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 14:17	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 14:17	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 14:17	1

Client Sample ID: MW-2

Lab Sample ID: 670-40479-2

Date Collected: 05/23/24 13:00

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 14:17	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 14:17	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 14:17	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 14:17	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 14:17	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 14:17	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 14:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 14:17	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*40 - 146*		*05/31/24 14:17*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 142*		*05/31/24 14:17*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 146*		*05/31/24 14:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.5**	**J**	0.40	0.20	mg/L			05/24/24 14:55	1
Nitrate as N	**0.21**	**I**	0.40	0.20	mg/L			05/24/24 14:55	1
Sulfate	**5.7**		1.0	0.50	mg/L			05/24/24 14:55	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.11	U	0.20	0.11	mg/L		05/24/24 08:36	05/24/24 17:06	1
Sodium	**4.2**		0.50	0.13	mg/L		05/24/24 08:36	05/24/24 17:06	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.087**		0.040	0.0034	mg/L		05/24/24 08:33	05/28/24 17:20	1
Arsenic	0.00039	U	0.0040	0.00039	mg/L		05/24/24 08:33	05/28/24 17:20	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 08:33	05/28/24 17:20	1
Chromium	0.00039	U	0.0020	0.00039	mg/L		05/24/24 08:33	05/28/24 17:20	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 08:33	05/28/24 17:20	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:50	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	0.014	U	0.020	0.014	mg/L			06/05/24 22:29	1
Total Dissolved Solids (SM 2540C)	5.0	U	5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: MW-3R

Lab Sample ID: 670-40479-3

Date Collected: 05/23/24 13:50

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 14:35	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 14:35	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-3R
Date Collected: 05/23/24 13:50
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 14:35	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 14:35	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 14:35	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 14:35	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 14:35	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 14:35	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 14:35	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 14:35	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 14:35	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 14:35	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 14:35	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 14:35	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 14:35	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 14:35	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 14:35	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 14:35	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 14:35	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 14:35	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 14:35	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 14:35	1
Acetone	25	U	50	25	ug/L			05/31/24 14:35	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 14:35	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 14:35	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 14:35	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 14:35	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 14:35	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 14:35	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 14:35	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 14:35	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 14:35	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 14:35	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 14:35	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 14:35	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 14:35	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 14:35	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 14:35	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 14:35	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 14:35	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 14:35	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 14:35	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 14:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 14:35	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 14:35	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 14:35	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 14:35	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 14:35	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 14:35	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 14:35	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 14:35	1

Client Sample ID: MW-3R

Lab Sample ID: 670-40479-3

Date Collected: 05/23/24 13:50

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 14:35	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 14:35	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 14:35	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 14:35	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 14:35	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 14:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 14:35	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*40 - 146*		*05/31/24 14:35*	*1*
4-Bromofluorobenzene (Surr)	*97*		*41 - 142*		*05/31/24 14:35*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 146*		*05/31/24 14:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31**		0.40	0.20	mg/L			05/24/24 16:54	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 16:54	1
Sulfate	**260**		10	5.0	mg/L			05/25/24 15:35	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**3.0**		0.20	0.11	mg/L		05/24/24 08:36	05/24/24 17:09	1
Sodium	**51**		0.50	0.13	mg/L		05/24/24 08:36	05/24/24 17:09	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.28**		0.040	0.0034	mg/L		05/24/24 08:33	05/28/24 17:22	1
Arsenic	**0.00094**	**I**	0.0040	0.00039	mg/L		05/24/24 08:33	05/28/24 17:22	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 08:33	05/28/24 17:22	1
Chromium	**0.0037**		0.0020	0.00039	mg/L		05/24/24 08:33	05/28/24 17:22	1
Lead	**0.00024**	**I**	0.0020	0.00024	mg/L		05/24/24 08:33	05/28/24 17:22	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:53	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**3.9**		0.40	0.28	mg/L			06/05/24 19:38	20
Total Dissolved Solids (SM 2540C)	**1200**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: MW-4

Lab Sample ID: 670-40479-4

Date Collected: 05/23/24 15:30

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 14:54	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 14:54	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 14:54	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-4
Date Collected: 05/23/24 15:30
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 14:54	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 14:54	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 14:54	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 14:54	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 14:54	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 14:54	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 14:54	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 14:54	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 14:54	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 14:54	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 14:54	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 14:54	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 14:54	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 14:54	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 14:54	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 14:54	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 14:54	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 14:54	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 14:54	1
Acetone	25	U	50	25	ug/L			05/31/24 14:54	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 14:54	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 14:54	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 14:54	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 14:54	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 14:54	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 14:54	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 14:54	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 14:54	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 14:54	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 14:54	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 14:54	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 14:54	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 14:54	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 14:54	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 14:54	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 14:54	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 14:54	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 14:54	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 14:54	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 14:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 14:54	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 14:54	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 14:54	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 14:54	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 14:54	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 14:54	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 14:54	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 14:54	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 14:54	1

Client Sample ID: MW-4

Lab Sample ID: 670-40479-4

Date Collected: 05/23/24 15:30

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 14:54	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 14:54	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 14:54	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 14:54	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 14:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 14:54	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*40 - 146*		*05/31/24 14:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 142*		*05/31/24 14:54*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 146*		*05/31/24 14:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.2**		0.40	0.20	mg/L			05/24/24 21:25	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 21:25	1
Sulfate	**27**		1.0	0.50	mg/L			05/24/24 21:25	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**4.3**		0.20	0.11	mg/L		05/24/24 08:36	05/24/24 17:11	1
Sodium	**140**		0.50	0.13	mg/L		05/24/24 08:36	05/24/24 17:11	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0049**	**I**	0.040	0.0034	mg/L		05/24/24 08:33	05/28/24 17:24	1
Arsenic	**0.0089**		0.0040	0.00039	mg/L		05/24/24 08:33	05/28/24 17:24	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 08:33	05/28/24 17:24	1
Chromium	**0.0025**		0.0020	0.00039	mg/L		05/24/24 08:33	05/28/24 17:24	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 08:33	05/28/24 17:24	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:54	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	1.4	U	2.0	1.4	mg/L			06/05/24 21:08	100
Total Dissolved Solids (SM 2540C)	**1400**		10	10	mg/L			05/29/24 11:05	1

Client Sample ID: CW-4

Lab Sample ID: 670-40479-5

Date Collected: 05/23/24 15:05

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 15:12	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 15:12	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 15:12	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 15:12	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: CW-4
Date Collected: 05/23/24 15:05
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 15:12	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 15:12	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 15:12	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 15:12	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 15:12	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 15:12	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 15:12	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 15:12	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 15:12	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 15:12	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 15:12	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 15:12	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 15:12	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 15:12	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 15:12	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 15:12	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 15:12	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 15:12	1
Acetone	25	U	50	25	ug/L			05/31/24 15:12	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 15:12	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 15:12	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 15:12	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 15:12	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 15:12	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 15:12	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 15:12	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 15:12	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 15:12	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 15:12	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 15:12	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 15:12	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 15:12	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 15:12	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 15:12	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 15:12	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 15:12	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 15:12	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 15:12	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 15:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 15:12	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 15:12	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 15:12	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 15:12	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 15:12	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 15:12	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 15:12	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 15:12	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 15:12	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 15:12	1

Client Sample ID: CW-4

Lab Sample ID: 670-40479-5

Date Collected: 05/23/24 15:05

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 15:12	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 15:12	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 15:12	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 15:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 15:12	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*40 - 146*		*05/31/24 15:12*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 142*		*05/31/24 15:12*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 146*		*05/31/24 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69**		4.0	2.0	mg/L			05/24/24 21:08	10
Nitrate as N	2.0	U	4.0	2.0	mg/L			05/24/24 21:08	10
Sulfate	**280**		10	5.0	mg/L			05/24/24 21:08	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**3.0**		0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:35	1
Sodium	**140**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:35	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.089**		0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:39	1
Arsenic	**0.0098**		0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:39	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:39	1
Chromium	**0.0025**		0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:39	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:39	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:55	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**6.5**		0.20	0.14	mg/L			06/05/24 19:40	10
Total Dissolved Solids (SM 2540C)	**1300**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: MW-5

Lab Sample ID: 670-40479-6

Date Collected: 05/23/24 13:25

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 15:31	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 15:31	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 15:31	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 15:31	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 15:31	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-5
Date Collected: 05/23/24 13:25
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 15:31	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 15:31	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 15:31	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 15:31	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 15:31	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 15:31	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 15:31	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 15:31	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 15:31	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 15:31	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 15:31	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 15:31	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 15:31	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 15:31	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 15:31	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 15:31	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 15:31	1
Acetone	25	U	50	25	ug/L			05/31/24 15:31	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 15:31	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 15:31	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 15:31	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 15:31	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 15:31	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 15:31	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 15:31	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 15:31	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 15:31	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 15:31	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 15:31	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 15:31	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 15:31	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 15:31	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 15:31	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 15:31	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 15:31	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 15:31	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 15:31	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 15:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 15:31	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 15:31	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 15:31	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 15:31	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 15:31	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 15:31	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 15:31	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 15:31	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 15:31	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 15:31	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 15:31	1

Client Sample ID: MW-5

Lab Sample ID: 670-40479-6

Date Collected: 05/23/24 13:25

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 15:31	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 15:31	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 15:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 15:31	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*40 - 146*		*05/31/24 15:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*41 - 142*		*05/31/24 15:31*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 146*		*05/31/24 15:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.8**	**J**	0.40	0.20	mg/L			05/24/24 20:17	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 20:17	1
Sulfate	**9.2**		1.0	0.50	mg/L			05/24/24 20:17	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.16**	**I**	0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:38	1
Sodium	**5.1**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:38	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.094**		0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:41	1
Arsenic	0.00039	U	0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:41	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:41	1
Chromium	**0.00042**	**I**	0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:41	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:41	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:57	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.7**		0.040	0.028	mg/L			06/05/24 17:40	2
Total Dissolved Solids (SM 2540C)	**54**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: MW-6

Lab Sample ID: 670-40479-7

Date Collected: 05/23/24 11:40

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 15:49	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 15:49	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 15:49	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 15:49	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 15:49	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 15:49	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-6
Date Collected: 05/23/24 11:40
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 15:49	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 15:49	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 15:49	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 15:49	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 15:49	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 15:49	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 15:49	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 15:49	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 15:49	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 15:49	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 15:49	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 15:49	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 15:49	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 15:49	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 15:49	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 15:49	1
Acetone	25	U	50	25	ug/L			05/31/24 15:49	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 15:49	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 15:49	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 15:49	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 15:49	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 15:49	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 15:49	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 15:49	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 15:49	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 15:49	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 15:49	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 15:49	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 15:49	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 15:49	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 15:49	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 15:49	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 15:49	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 15:49	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 15:49	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 15:49	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 15:49	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 15:49	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 15:49	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 15:49	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 15:49	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 15:49	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 15:49	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 15:49	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 15:49	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 15:49	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 15:49	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 15:49	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 15:49	1

Client Sample ID: MW-6

Lab Sample ID: 670-40479-7

Date Collected: 05/23/24 11:40

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 15:49	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 15:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 15:49	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*40 - 146*		*05/31/24 15:49*	*1*
4-Bromofluorobenzene (Surr)	*93*		*41 - 142*		*05/31/24 15:49*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 146*		*05/31/24 15:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.5**		0.40	0.20	mg/L			05/24/24 15:46	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 15:46	1
Sulfate	**3.9**		1.0	0.50	mg/L			05/24/24 15:46	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.1**		0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:40	1
Sodium	**15**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:40	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.10**		0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:45	1
Arsenic	**0.00039**	**I**	0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:45	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:45	1
Chromium	**0.0038**		0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:45	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:45	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:58	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.9**		0.040	0.028	mg/L			06/05/24 19:41	2
Total Dissolved Solids (SM 2540C)	**900**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: MW-7

Lab Sample ID: 670-40479-8

Date Collected: 05/23/24 12:10

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 16:07	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 16:07	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 16:07	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 16:07	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 16:07	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 16:07	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 16:07	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-7
Date Collected: 05/23/24 12:10
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 16:07	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 16:07	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 16:07	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 16:07	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 16:07	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 16:07	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 16:07	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 16:07	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 16:07	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 16:07	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 16:07	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 16:07	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 16:07	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 16:07	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 16:07	1
Acetone	25	U	50	25	ug/L			05/31/24 16:07	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 16:07	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 16:07	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 16:07	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 16:07	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 16:07	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 16:07	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 16:07	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 16:07	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 16:07	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 16:07	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 16:07	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 16:07	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 16:07	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 16:07	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 16:07	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 16:07	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 16:07	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 16:07	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 16:07	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 16:07	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 16:07	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 16:07	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 16:07	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 16:07	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 16:07	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 16:07	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 16:07	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 16:07	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 16:07	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 16:07	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 16:07	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 16:07	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 16:07	1

Client Sample ID: MW-7

Lab Sample ID: 670-40479-8

Date Collected: 05/23/24 12:10

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 16:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 16:07	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*40 - 146*		*05/31/24 16:07*	*1*
4-Bromofluorobenzene (Surr)	*98*		*41 - 142*		*05/31/24 16:07*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 146*		*05/31/24 16:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31**		0.40	0.20	mg/L			05/24/24 18:19	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 18:19	1
Sulfate	**11**		1.0	0.50	mg/L			05/24/24 18:19	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**14**		0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:43	1
Sodium	**94**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:43	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.015**	**I**	0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:46	1
Arsenic	**0.0096**		0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:46	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:46	1
Chromium	**0.0021**		0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:46	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:46	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 14:00	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**3.4**		0.20	0.14	mg/L			06/05/24 19:44	10
Total Dissolved Solids (SM 2540C)	**1400**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: MW-8

Lab Sample ID: 670-40479-9

Date Collected: 05/23/24 12:35

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 16:26	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 16:26	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 16:26	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 16:26	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 16:26	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 16:26	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 16:26	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 16:26	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-8
Date Collected: 05/23/24 12:35
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 16:26	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 16:26	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 16:26	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 16:26	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 16:26	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 16:26	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 16:26	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 16:26	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 16:26	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 16:26	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 16:26	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 16:26	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 16:26	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 16:26	1
Acetone	25	U	50	25	ug/L			05/31/24 16:26	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 16:26	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 16:26	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 16:26	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 16:26	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 16:26	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 16:26	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 16:26	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 16:26	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 16:26	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 16:26	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 16:26	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 16:26	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 16:26	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 16:26	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 16:26	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 16:26	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 16:26	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 16:26	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 16:26	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 16:26	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 16:26	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 16:26	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 16:26	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 16:26	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 16:26	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 16:26	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 16:26	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 16:26	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 16:26	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 16:26	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 16:26	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 16:26	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 16:26	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 16:26	1

Client Sample ID: MW-8

Lab Sample ID: 670-40479-9

Date Collected: 05/23/24 12:35

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 16:26	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*40 - 146*		*05/31/24 16:26*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 142*		*05/31/24 16:26*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 146*		*05/31/24 16:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49**		0.40	0.20	mg/L			05/24/24 18:35	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 18:35	1
Sulfate	**77**		1.0	0.50	mg/L			05/24/24 18:35	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.11	U	0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:46	1
Sodium	**120**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:46	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.17**		0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:48	1
Arsenic	**0.042**		0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:48	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:48	1
Chromium	**0.0015**	**I**	0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:48	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:48	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 14:01	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	0.014	U	0.020	0.014	mg/L			06/05/24 22:29	1
Total Dissolved Solids (SM 2540C)	**1300**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: TW-7

Lab Sample ID: 670-40479-10

Date Collected: 05/23/24 15:50

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 16:44	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 16:44	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 16:44	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 16:44	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 16:44	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 16:44	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 16:44	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 16:44	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 16:44	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: TW-7
Date Collected: 05/23/24 15:50
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 16:44	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 16:44	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 16:44	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 16:44	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 16:44	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 16:44	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 16:44	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 16:44	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 16:44	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 16:44	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 16:44	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 16:44	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 16:44	1
Acetone	25	U	50	25	ug/L			05/31/24 16:44	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 16:44	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 16:44	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 16:44	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 16:44	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 16:44	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 16:44	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 16:44	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 16:44	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 16:44	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 16:44	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 16:44	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 16:44	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 16:44	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 16:44	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 16:44	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 16:44	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 16:44	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 16:44	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 16:44	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 16:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 16:44	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 16:44	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 16:44	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 16:44	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 16:44	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 16:44	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 16:44	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 16:44	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 16:44	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 16:44	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 16:44	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 16:44	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 16:44	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 16:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 16:44	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: TW-7

Lab Sample ID: 670-40479-10

Date Collected: 05/23/24 15:50

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*40 - 146*		*05/31/24 16:44*	*1*
4-Bromofluorobenzene (Surr)	*93*		*41 - 142*		*05/31/24 16:44*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 146*		*05/31/24 16:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.3**		0.40	0.20	mg/L			05/24/24 21:41	1
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 21:41	1
Sulfate	**86**		1.0	0.50	mg/L			05/24/24 21:41	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.3**		0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:48	1
Sodium	**98**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:48	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.35**		0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:50	1
Arsenic	**0.0012**	**I**	0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:50	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:50	1
Chromium	**0.0023**		0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:50	1
Lead	**0.00028**	**I**	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:50	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 14:02	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.72**		0.040	0.028	mg/L			06/05/24 17:45	2
Total Dissolved Solids (SM 2540C)	**1800**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: TW-8

Lab Sample ID: 670-40479-11

Date Collected: 05/23/24 14:40

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 17:02	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 17:02	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 17:02	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 17:02	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 17:02	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 17:02	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 17:02	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 17:02	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 17:02	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 17:02	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: TW-8
Date Collected: 05/23/24 14:40
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 17:02	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 17:02	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 17:02	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 17:02	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 17:02	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 17:02	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 17:02	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 17:02	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 17:02	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 17:02	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 17:02	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 17:02	1
Acetone	25	U	50	25	ug/L			05/31/24 17:02	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 17:02	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 17:02	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 17:02	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 17:02	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 17:02	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 17:02	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 17:02	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 17:02	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 17:02	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 17:02	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 17:02	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 17:02	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 17:02	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 17:02	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 17:02	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 17:02	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 17:02	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 17:02	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 17:02	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 17:02	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 17:02	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 17:02	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 17:02	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 17:02	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 17:02	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 17:02	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 17:02	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 17:02	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 17:02	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 17:02	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 17:02	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 17:02	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 17:02	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 17:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 17:02	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 17:02	1

Client Sample ID: TW-8

Lab Sample ID: 670-40479-11

Date Collected: 05/23/24 14:40

Matrix: Water

Date Received: 05/24/24 06:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*40 - 146*		*05/31/24 17:02*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 142*		*05/31/24 17:02*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 146*		*05/31/24 17:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43**		4.0	2.0	mg/L			05/24/24 18:02	10
Nitrate as N	2.0	U	4.0	2.0	mg/L			05/24/24 18:02	10
Sulfate	**240**		10	5.0	mg/L			05/24/24 18:02	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.1**		0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:51	1
Sodium	**91**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:51	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.029**	**I**	0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:52	1
Arsenic	**0.0081**		0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:52	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:52	1
Chromium	**0.0013**	**I**	0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:52	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:52	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 14:10	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.2**		0.20	0.14	mg/L			06/05/24 19:45	10
Total Dissolved Solids (SM 2540C)	**1100**		5.0	5.0	mg/L			05/29/24 10:11	1

Client Sample ID: TW-11

Lab Sample ID: 670-40479-12

Date Collected: 05/23/24 14:15

Matrix: Water

Date Received: 05/24/24 06:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 17:21	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 17:21	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 17:21	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 17:21	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 17:21	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 17:21	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 17:21	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 17:21	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 17:21	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 17:21	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 17:21	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 17:21	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 17:21	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 17:21	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: TW-11
Date Collected: 05/23/24 14:15
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 17:21	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 17:21	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 17:21	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 17:21	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 17:21	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 17:21	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 17:21	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 17:21	1
Acetone	25	U	50	25	ug/L			05/31/24 17:21	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 17:21	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 17:21	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 17:21	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 17:21	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 17:21	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 17:21	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 17:21	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 17:21	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 17:21	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 17:21	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 17:21	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 17:21	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 17:21	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 17:21	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 17:21	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 17:21	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 17:21	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 17:21	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 17:21	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 17:21	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 17:21	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 17:21	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 17:21	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 17:21	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 17:21	1
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 17:21	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 17:21	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 17:21	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 17:21	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 17:21	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 17:21	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 17:21	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 17:21	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 17:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 17:21	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*40 - 146*		*05/31/24 17:21*	*1*
4-Bromofluorobenzene (Surr)	*97*		*41 - 142*		*05/31/24 17:21*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 146*		*05/31/24 17:21*	*1*

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: TW-11

Date Collected: 05/23/24 14:15
Date Received: 05/24/24 06:40

Lab Sample ID: 670-40479-12

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40**		4.0	2.0	mg/L			05/24/24 17:45	10
Nitrate as N	2.0	U	4.0	2.0	mg/L			05/24/24 17:45	10
Sulfate	**400**		10	5.0	mg/L			05/24/24 17:45	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.79**		0.20	0.11	mg/L		05/24/24 10:41	05/24/24 17:53	1
Sodium	**71**		0.50	0.13	mg/L		05/24/24 10:41	05/24/24 17:53	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.047**		0.040	0.0034	mg/L		05/24/24 10:43	05/28/24 17:54	1
Arsenic	**0.00097**	**I**	0.0040	0.00039	mg/L		05/24/24 10:43	05/28/24 17:54	1
Cadmium	0.00025	U	0.0010	0.00025	mg/L		05/24/24 10:43	05/28/24 17:54	1
Chromium	**0.0018**	**I**	0.0020	0.00039	mg/L		05/24/24 10:43	05/28/24 17:54	1
Lead	0.00024	U	0.0020	0.00024	mg/L		05/24/24 10:43	05/28/24 17:54	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 14:11	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**12**		0.40	0.28	mg/L			06/05/24 19:46	20
Total Dissolved Solids (SM 2540C)	**1400**		5.0	5.0	mg/L			05/29/24 11:05	1

Surrogate Summary

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(40-146)	(41-142)	(53-146)
660-136331-K-2 MS	Matrix Spike	98	94	93
660-136331-K-2 MSD	Matrix Spike Duplicate	99	94	93
670-40479-1	MW-1R	100	94	96
670-40479-2	MW-2	100	95	97
670-40479-3	MW-3R	100	97	96
670-40479-4	MW-4	100	92	101
670-40479-5	CW-4	101	96	100
670-40479-6	MW-5	100	97	98
670-40479-7	MW-6	99	93	99
670-40479-8	MW-7	100	98	99
670-40479-9	MW-8	100	96	98
670-40479-10	TW-7	99	93	99
670-40479-11	TW-8	101	99	97
670-40479-12	TW-11	101	97	99
LCS 670-93447/4	Lab Control Sample	100	94	94
MB 670-93447/7	Method Blank	99	98	97

Surrogate Legend

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 670-93447/7
Matrix: Water
Analysis Batch: 93447

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.61	U	1.0	0.61	ug/L			05/31/24 12:01	1
1,1,1-Trichloroethane	0.80	U	1.0	0.80	ug/L			05/31/24 12:01	1
1,1,2,2-Tetrachloroethane	0.54	U	1.0	0.54	ug/L			05/31/24 12:01	1
1,1,2-Trichloroethane	0.76	U	2.0	0.76	ug/L			05/31/24 12:01	1
1,1-Dichloroethane	0.62	U	1.0	0.62	ug/L			05/31/24 12:01	1
1,1-Dichloroethene	0.94	U	1.0	0.94	ug/L			05/31/24 12:01	1
1,1-Dichloropropene	0.74	U	1.0	0.74	ug/L			05/31/24 12:01	1
1,2,3-Trichloropropane	0.64	U	2.0	0.64	ug/L			05/31/24 12:01	1
1,2,4-Trimethylbenzene	0.69	U	2.0	0.69	ug/L			05/31/24 12:01	1
1,2-Dibromoethane (EDB)	0.78	U	12	0.78	ug/L			05/31/24 12:01	1
1,2-Dichloroethane	0.63	U	1.0	0.63	ug/L			05/31/24 12:01	1
1,2-Dichloropropane	0.80	U	1.0	0.80	ug/L			05/31/24 12:01	1
1,3,5-Trimethylbenzene	0.58	U	2.0	0.58	ug/L			05/31/24 12:01	1
1,3-Dichloropropane	0.60	U	1.0	0.60	ug/L			05/31/24 12:01	1
m-Dichlorobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 12:01	1
p-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			05/31/24 12:01	1
2,2-Dichloropropane	0.66	U	5.0	0.66	ug/L			05/31/24 12:01	1
2-Butanone (MEK)	4.5	U	10	4.5	ug/L			05/31/24 12:01	1
2-Chlorotoluene	0.68	U	1.0	0.68	ug/L			05/31/24 12:01	1
2-Hexanone	2.5	U	20	2.5	ug/L			05/31/24 12:01	1
4-Chlorotoluene	0.65	U	2.0	0.65	ug/L			05/31/24 12:01	1
Methyl isobutyl ketone	5.0	U	20	5.0	ug/L			05/31/24 12:01	1
Acetone	25	U	50	25	ug/L			05/31/24 12:01	1
Benzene	0.71	U	1.0	0.71	ug/L			05/31/24 12:01	1
Bromobenzene	0.77	U	1.0	0.77	ug/L			05/31/24 12:01	1
Bromochloromethane	0.94	U	2.0	0.94	ug/L			05/31/24 12:01	1
Bromodichloromethane	0.52	U	1.0	0.52	ug/L			05/31/24 12:01	1
Bromoform	0.75	U	1.0	0.75	ug/L			05/31/24 12:01	1
Bromomethane	0.95	U	2.0	0.95	ug/L			05/31/24 12:01	1
Carbon disulfide	2.5	U	5.0	2.5	ug/L			05/31/24 12:01	1
Carbon tetrachloride	0.94	U	1.0	0.94	ug/L			05/31/24 12:01	1
Chlorobenzene	0.72	U	1.0	0.72	ug/L			05/31/24 12:01	1
Chloroethane	0.98	U	2.0	0.98	ug/L			05/31/24 12:01	1
Chloroform	0.80	U	5.0	0.80	ug/L			05/31/24 12:01	1
Chloromethane	0.82	U	2.0	0.82	ug/L			05/31/24 12:01	1
cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L			05/31/24 12:01	1
cis-1,3-Dichloropropene	0.59	U	1.0	0.59	ug/L			05/31/24 12:01	1
Dibromochloromethane	0.50	U	1.0	0.50	ug/L			05/31/24 12:01	1
Dibromomethane	0.84	U	1.0	0.84	ug/L			05/31/24 12:01	1
Dichlorodifluoromethane	0.74	U	1.0	0.74	ug/L			05/31/24 12:01	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			05/31/24 12:01	1
Isopropylbenzene	0.67	U	2.0	0.67	ug/L			05/31/24 12:01	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			05/31/24 12:01	1
Methylene Chloride	5.0	U	10	5.0	ug/L			05/31/24 12:01	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			05/31/24 12:01	1
n-Butylbenzene	0.70	U	1.0	0.70	ug/L			05/31/24 12:01	1
N-Propylbenzene	0.50	U	1.0	0.50	ug/L			05/31/24 12:01	1
o-Xylene	0.53	U	1.0	0.53	ug/L			05/31/24 12:01	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 670-93447/7
Matrix: Water
Analysis Batch: 93447

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.74	U	2.0	0.74	ug/L			05/31/24 12:01	1
Styrene	0.61	U	1.0	0.61	ug/L			05/31/24 12:01	1
tert-Butylbenzene	0.64	U	2.0	0.64	ug/L			05/31/24 12:01	1
Tetrachloroethene	0.76	U	1.0	0.76	ug/L			05/31/24 12:01	1
Toluene	0.72	U	1.0	0.72	ug/L			05/31/24 12:01	1
trans-1,2-Dichloroethene	0.73	U	1.0	0.73	ug/L			05/31/24 12:01	1
trans-1,3-Dichloropropene	0.73	U	1.0	0.73	ug/L			05/31/24 12:01	1
Trichloroethene	0.89	U	1.0	0.89	ug/L			05/31/24 12:01	1
Trichlorofluoromethane	0.94	U	1.0	0.94	ug/L			05/31/24 12:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/24 12:01	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			05/31/24 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*40 - 146*		*05/31/24 12:01*	*1*
4-Bromofluorobenzene (Surr)	*98*		*41 - 142*		*05/31/24 12:01*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 146*		*05/31/24 12:01*	*1*

Lab Sample ID: LCS 670-93447/4
Matrix: Water
Analysis Batch: 93447

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.1		ug/L		106	54 - 141
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	57 - 148
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	60 - 139
1,1,2-Trichloroethane	20.0	18.9		ug/L		95	57 - 141
1,1-Dichloroethane	20.0	19.7		ug/L		99	57 - 142
1,1-Dichloroethene	20.0	21.8		ug/L		109	47 - 139
1,1-Dichloropropene	20.0	21.0		ug/L		105	56 - 137
1,2,3-Trichloropropane	20.0	17.5		ug/L		87	57 - 141
1,2,4-Trimethylbenzene	20.0	23.1		ug/L		116	59 - 142
1,2-Dibromoethane (EDB)	20.0	19.5		ug/L		97	57 - 140
1,2-Dichloroethane	20.0	17.9		ug/L		89	50 - 156
1,2-Dichloropropane	20.0	20.1		ug/L		101	61 - 133
1,3,5-Trimethylbenzene	20.0	21.9		ug/L		110	61 - 137
1,3-Dichloropropane	20.0	19.0		ug/L		95	50 - 148
m-Dichlorobenzene	20.0	21.9		ug/L		110	66 - 129
p-Dichlorobenzene	20.0	21.3		ug/L		106	65 - 133
2,2-Dichloropropane	20.0	19.5		ug/L		98	54 - 146
2-Butanone (MEK)	200	183		ug/L		91	10 - 180
2-Chlorotoluene	20.0	20.6		ug/L		103	64 - 133
2-Hexanone	200	174		ug/L		87	12 - 180
4-Chlorotoluene	20.0	21.1		ug/L		105	62 - 138
Methyl isobutyl ketone	200	174		ug/L		87	19 - 180
Acetone	200	155		ug/L		77	10 - 180
Benzene	20.0	21.4		ug/L		107	56 - 136
Bromobenzene	20.0	20.5		ug/L		102	59 - 147
Bromochloromethane	20.0	20.7		ug/L		103	54 - 141

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 670-93447/4
Matrix: Water
Analysis Batch: 93447

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	20.0	19.2		ug/L		96	58 - 135
Bromoform	20.0	19.3		ug/L		96	46 - 148
Bromomethane	20.0	18.2		ug/L		91	10 - 173
Carbon disulfide	20.0	18.8		ug/L		94	43 - 153
Carbon tetrachloride	20.0	19.2		ug/L		96	54 - 156
Chlorobenzene	20.0	20.3		ug/L		102	51 - 139
Chloroethane	20.0	17.1		ug/L		86	27 - 180
Chloroform	20.0	19.8		ug/L		99	58 - 139
Chloromethane	20.0	21.7		ug/L		109	33 - 154
cis-1,2-Dichloroethene	20.0	20.1		ug/L		101	56 - 128
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	64 - 128
Dibromochloromethane	20.0	19.6		ug/L		98	50 - 140
Dibromomethane	20.0	18.7		ug/L		94	59 - 143
Dichlorodifluoromethane	20.0	18.2		ug/L		91	10 - 180
Ethylbenzene	20.0	21.3		ug/L		107	63 - 133
Isopropylbenzene	20.0	22.8		ug/L		114	60 - 132
m,p-Xylenes	20.0	21.3		ug/L		106	64 - 133
Methylene Chloride	20.0	19.6		ug/L		98	43 - 142
Methyl tert-butyl ether	20.0	18.5		ug/L		93	51 - 145
n-Butylbenzene	20.0	22.2		ug/L		111	59 - 148
N-Propylbenzene	20.0	21.1		ug/L		105	63 - 135
o-Xylene	20.0	21.0		ug/L		105	61 - 129
sec-Butylbenzene	20.0	22.8		ug/L		114	63 - 137
Styrene	20.0	22.2		ug/L		111	59 - 136
tert-Butylbenzene	20.0	21.1		ug/L		106	61 - 136
Tetrachloroethene	20.0	20.7		ug/L		104	60 - 147
Toluene	20.0	19.6		ug/L		98	64 - 131
trans-1,2-Dichloroethene	20.0	21.8		ug/L		109	54 - 134
trans-1,3-Dichloropropene	20.0	19.5		ug/L		97	65 - 149
Trichloroethene	20.0	21.1		ug/L		105	62 - 135
Trichlorofluoromethane	20.0	17.4		ug/L		87	56 - 155
Vinyl chloride	20.0	19.3		ug/L		96	20 - 167
Xylenes, Total	40.0	42.3		ug/L		106	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*40 - 146*
4-Bromofluorobenzene (Surr)	*94*		*41 - 142*
Dibromofluoromethane (Surr)	*94*		*53 - 146*

Lab Sample ID: 660-136331-K-2 MS
Matrix: Water
Analysis Batch: 93447

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.61	U	20.0	21.0		ug/L		105	54 - 141
1,1,1-Trichloroethane	0.80	U	20.0	21.1		ug/L		105	57 - 148
1,1,2,2-Tetrachloroethane	0.54	U	20.0	18.6		ug/L		93	60 - 139
1,1,2-Trichloroethane	0.76	U	20.0	20.1		ug/L		100	57 - 141

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 660-136331-K-2 MS
Matrix: Water
Analysis Batch: 93447

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.62	U	20.0	19.9		ug/L		99	57 - 142
1,1-Dichloroethene	0.94	U	20.0	21.7		ug/L		109	49 - 139
1,1-Dichloropropene	0.74	U	20.0	21.0		ug/L		105	56 - 137
1,2,3-Trichloropropane	0.64	U	20.0	17.9		ug/L		90	57 - 141
1,2,4-Trimethylbenzene	0.69	U	20.0	21.9		ug/L		109	59 - 142
1,2-Dibromoethane (EDB)	0.78	U	20.0	20.5		ug/L		102	50 - 150
1,2-Dichloroethane	0.63	U	20.0	18.0		ug/L		90	50 - 156
1,2-Dichloropropane	0.80	U	20.0	20.2		ug/L		101	61 - 133
1,3,5-Trimethylbenzene	0.58	U	20.0	21.3		ug/L		107	61 - 137
1,3-Dichloropropane	0.60	U	20.0	18.8		ug/L		94	50 - 148
m-Dichlorobenzene	0.77	U	20.0	20.9		ug/L		105	66 - 129
p-Dichlorobenzene	0.76	U	20.0	19.5		ug/L		98	65 - 133
2,2-Dichloropropane	0.66	U	20.0	19.9		ug/L		100	54 - 146
2-Butanone (MEK)	4.5	U	200	180		ug/L		90	10 - 180
2-Chlorotoluene	0.68	U	20.0	18.7		ug/L		93	64 - 133
2-Hexanone	2.5	U	200	174		ug/L		87	12 - 180
4-Chlorotoluene	0.65	U	20.0	20.2		ug/L		101	62 - 138
Methyl isobutyl ketone	5.0	U	200	176		ug/L		88	19 - 180
Acetone	25	U	200	137		ug/L		68	10 - 180
Benzene	0.71	U	20.0	21.5		ug/L		107	56 - 136
Bromobenzene	0.77	U	20.0	19.9		ug/L		99	59 - 147
Bromochloromethane	0.94	U	20.0	19.7		ug/L		99	50 - 150
Bromodichloromethane	0.52	U	20.0	19.7		ug/L		98	58 - 135
Bromoform	0.75	U	20.0	18.5		ug/L		92	46 - 148
Bromomethane	0.95	U	20.0	20.2		ug/L		101	10 - 173
Carbon disulfide	2.5	U	20.0	18.0		ug/L		90	43 - 153
Carbon tetrachloride	0.94	U	20.0	20.1		ug/L		100	54 - 156
Chlorobenzene	0.72	U	20.0	20.3		ug/L		101	51 - 139
Chloroethane	0.98	U	20.0	21.3		ug/L		106	27 - 180
Chloroform	0.80	U	20.0	19.7		ug/L		98	59 - 139
Chloromethane	0.82	U	20.0	24.6		ug/L		123	33 - 154
cis-1,2-Dichloroethene	0.53	U	20.0	20.2		ug/L		101	56 - 128
cis-1,3-Dichloropropene	0.59	U	20.0	18.3		ug/L		91	64 - 128
Dibromochloromethane	0.50	U	20.0	19.8		ug/L		99	50 - 150
Dibromomethane	0.84	U	20.0	19.8		ug/L		99	59 - 143
Dichlorodifluoromethane	0.74	U	20.0	18.6		ug/L		93	10 - 180
Ethylbenzene	0.69	U	20.0	22.3		ug/L		111	63 - 133
Isopropylbenzene	0.67	U	20.0	22.0		ug/L		110	60 - 132
m,p-Xylenes	1.3	U	20.0	21.8		ug/L		109	64 - 133
Methylene Chloride	5.0	U	20.0	20.1		ug/L		100	43 - 142
Methyl tert-butyl ether	0.60	U	20.0	19.3		ug/L		97	50 - 150
n-Butylbenzene	0.70	U	20.0	21.5		ug/L		107	59 - 148
N-Propylbenzene	0.50	U	20.0	21.1		ug/L		105	63 - 135
o-Xylene	0.53	U	20.0	20.6		ug/L		103	61 - 129
sec-Butylbenzene	0.74	U	20.0	22.6		ug/L		113	63 - 137
Styrene	0.61	U	20.0	21.4		ug/L		107	59 - 136
tert-Butylbenzene	0.64	U	20.0	21.2		ug/L		106	61 - 136
Tetrachloroethene	0.76	U	20.0	22.6		ug/L		113	60 - 147
Toluene	0.72	U	20.0	19.8		ug/L		99	64 - 131

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 660-136331-K-2 MS
Matrix: Water
Analysis Batch: 93447

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	0.73	U	20.0	21.5		ug/L		108	54 - 134
trans-1,3-Dichloropropene	0.73	U	20.0	19.8		ug/L		99	65 - 149
Trichloroethene	0.89	U	20.0	21.9		ug/L		109	62 - 135
Trichlorofluoromethane	0.94	U	20.0	20.6		ug/L		103	56 - 155
Vinyl chloride	0.71	U	20.0	25.4		ug/L		127	20 - 167
Xylenes, Total	1.3	U	40.0	42.4		ug/L		106	50 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*40 - 146*
4-Bromofluorobenzene (Surr)	*94*		*41 - 142*
Dibromofluoromethane (Surr)	*93*		*53 - 146*

Lab Sample ID: 660-136331-K-2 MSD
Matrix: Water
Analysis Batch: 93447

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.61	U	20.0	20.4		ug/L		102	54 - 141	3	21
1,1,1-Trichloroethane	0.80	U	20.0	21.1		ug/L		106	57 - 148	0	25
1,1,2,2-Tetrachloroethane	0.54	U	20.0	19.8		ug/L		99	60 - 139	7	17
1,1,2-Trichloroethane	0.76	U	20.0	19.5		ug/L		97	57 - 141	3	16
1,1-Dichloroethane	0.62	U	20.0	19.8		ug/L		99	57 - 142	1	24
1,1-Dichloroethene	0.94	U	20.0	21.0		ug/L		105	49 - 139	3	16
1,1-Dichloropropene	0.74	U	20.0	20.6		ug/L		103	56 - 137	2	25
1,2,3-Trichloropropane	0.64	U	20.0	19.5		ug/L		97	57 - 141	8	19
1,2,4-Trimethylbenzene	0.69	U	20.0	21.5		ug/L		108	59 - 142	2	25
1,2-Dibromoethane (EDB)	0.78	U	20.0	19.8		ug/L		99	50 - 150	3	16
1,2-Dichloroethane	0.63	U	20.0	17.8		ug/L		89	50 - 156	1	18
1,2-Dichloropropane	0.80	U	20.0	20.5		ug/L		103	61 - 133	2	26
1,3,5-Trimethylbenzene	0.58	U	20.0	21.2		ug/L		106	61 - 137	1	24
1,3-Dichloropropane	0.60	U	20.0	19.2		ug/L		96	50 - 148	2	16
m-Dichlorobenzene	0.77	U	20.0	20.9		ug/L		105	66 - 129	0	23
p-Dichlorobenzene	0.76	U	20.0	19.8		ug/L		99	65 - 133	1	23
2,2-Dichloropropane	0.66	U	20.0	20.1		ug/L		101	54 - 146	1	19
2-Butanone (MEK)	4.5	U	200	187		ug/L		93	10 - 180	4	29
2-Chlorotoluene	0.68	U	20.0	19.1		ug/L		95	64 - 133	2	22
2-Hexanone	2.5	U	200	185		ug/L		93	12 - 180	7	28
4-Chlorotoluene	0.65	U	20.0	20.3		ug/L		101	62 - 138	0	22
Methyl isobutyl ketone	5.0	U	200	179		ug/L		90	19 - 180	2	24
Acetone	25	U	200	142		ug/L		71	10 - 180	4	19
Benzene	0.71	U	20.0	21.5		ug/L		107	56 - 136	0	14
Bromobenzene	0.77	U	20.0	20.7		ug/L		104	59 - 147	4	23
Bromochloromethane	0.94	U	20.0	20.0		ug/L		100	50 - 150	1	18
Bromodichloromethane	0.52	U	20.0	19.1		ug/L		96	58 - 135	3	19
Bromoform	0.75	U	20.0	18.7		ug/L		93	46 - 148	1	18
Bromomethane	0.95	U	20.0	21.7		ug/L		108	10 - 173	7	29
Carbon disulfide	2.5	U	20.0	18.3		ug/L		91	43 - 153	2	26
Carbon tetrachloride	0.94	U	20.0	20.2		ug/L		101	54 - 156	1	27

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 660-136331-K-2 MSD
Matrix: Water
Analysis Batch: 93447

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene	0.72	U	20.0	19.9		ug/L		100	51 - 139	2	13
Chloroethane	0.98	U	20.0	20.7		ug/L		103	27 - 180	3	22
Chloroform	0.80	U	20.0	19.2		ug/L		96	59 - 139	2	17
Chloromethane	0.82	U	20.0	24.7		ug/L		123	33 - 154	1	31
cis-1,2-Dichloroethene	0.53	U	20.0	19.6		ug/L		98	56 - 128	3	17
cis-1,3-Dichloropropene	0.59	U	20.0	18.1		ug/L		90	64 - 128	1	20
Dibromochloromethane	0.50	U	20.0	19.6		ug/L		98	50 - 150	1	18
Dibromomethane	0.84	U	20.0	19.2		ug/L		96	59 - 143	3	20
Dichlorodifluoromethane	0.74	U	20.0	19.0		ug/L		95	10 - 180	2	26
Ethylbenzene	0.69	U	20.0	22.2		ug/L		111	63 - 133	0	18
Isopropylbenzene	0.67	U	20.0	22.8		ug/L		114	60 - 132	3	23
m,p-Xylenes	1.3	U	20.0	21.3		ug/L		106	64 - 133	3	18
Methylene Chloride	5.0	U	20.0	20.0		ug/L		100	43 - 142	0	23
Methyl tert-butyl ether	0.60	U	20.0	19.8		ug/L		99	50 - 150	3	22
n-Butylbenzene	0.70	U	20.0	21.6		ug/L		108	59 - 148	0	25
N-Propylbenzene	0.50	U	20.0	21.2		ug/L		106	63 - 135	1	21
o-Xylene	0.53	U	20.0	20.8		ug/L		104	61 - 129	1	16
sec-Butylbenzene	0.74	U	20.0	23.0		ug/L		115	63 - 137	2	23
Styrene	0.61	U	20.0	21.7		ug/L		109	59 - 136	1	32
tert-Butylbenzene	0.64	U	20.0	21.1		ug/L		106	61 - 136	0	25
Tetrachloroethene	0.76	U	20.0	22.4		ug/L		112	60 - 147	1	21
Toluene	0.72	U	20.0	19.8		ug/L		99	64 - 131	0	16
trans-1,2-Dichloroethene	0.73	U	20.0	21.0		ug/L		105	54 - 134	3	20
trans-1,3-Dichloropropene	0.73	U	20.0	20.1		ug/L		101	65 - 149	2	17
Trichloroethene	0.89	U	20.0	21.1		ug/L		105	62 - 135	4	20
Trichlorofluoromethane	0.94	U	20.0	20.2		ug/L		101	56 - 155	2	22
Vinyl chloride	0.71	U	20.0	24.9		ug/L		125	20 - 167	2	24
Xylenes, Total	1.3	U	40.0	42.1		ug/L		105	50 - 150	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*40 - 146*
4-Bromofluorobenzene (Surr)	*94*		*41 - 142*
Dibromofluoromethane (Surr)	*93*		*53 - 146*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-92534/105
Matrix: Water
Analysis Batch: 92534

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/25/24 13:37	1

Lab Sample ID: MB 670-92534/37
Matrix: Water
Analysis Batch: 92534

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 20:00	1

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-92534/6
Matrix: Water
Analysis Batch: 92534

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/24/24 10:24	1

Lab Sample ID: MB 670-92534/68
Matrix: Water
Analysis Batch: 92534

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.20	U	0.40	0.20	mg/L			05/25/24 04:44	1

Lab Sample ID: LCS 670-92534/103
Matrix: Water
Analysis Batch: 92534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.00	1.94		mg/L		97	90 - 110

Lab Sample ID: LCS 670-92534/35
Matrix: Water
Analysis Batch: 92534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.00	1.97		mg/L		98	90 - 110

Lab Sample ID: LCS 670-92534/4
Matrix: Water
Analysis Batch: 92534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.00	1.95		mg/L		98	90 - 110

Lab Sample ID: LCSD 670-92534/104
Matrix: Water
Analysis Batch: 92534

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.00	1.93		mg/L		97	90 - 110	0	20

Lab Sample ID: LCSD 670-92534/36
Matrix: Water
Analysis Batch: 92534

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.00	1.97		mg/L		98	90 - 110	0	20

Lab Sample ID: LCSD 670-92534/5
Matrix: Water
Analysis Batch: 92534

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.00	1.95		mg/L		98	90 - 110	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 670-40479-2 MS
Matrix: Water
Analysis Batch: 92534

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	0.21	I	5.00	5.50		mg/L		106	80 - 120		

Lab Sample ID: 670-40479-2 MSD
Matrix: Water
Analysis Batch: 92534

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.21	I	5.00	5.49		mg/L		106	80 - 120	0	20

Lab Sample ID: 670-40479-6 MS
Matrix: Water
Analysis Batch: 92534

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	0.20	U	5.00	5.23		mg/L		105	80 - 120		

Lab Sample ID: 670-40479-6 MSD
Matrix: Water
Analysis Batch: 92534

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.20	U	5.00	5.23		mg/L		105	80 - 120	0	20

Lab Sample ID: MB 670-92535/105
Matrix: Water
Analysis Batch: 92535

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.40	0.20	mg/L			05/25/24 13:37	1
Sulfate	0.50	U	1.0	0.50	mg/L			05/25/24 13:37	1

Lab Sample ID: MB 670-92535/37
Matrix: Water
Analysis Batch: 92535

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.40	0.20	mg/L			05/24/24 20:00	1
Sulfate	0.50	U	1.0	0.50	mg/L			05/24/24 20:00	1

Lab Sample ID: MB 670-92535/6
Matrix: Water
Analysis Batch: 92535

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.40	0.20	mg/L			05/24/24 10:24	1
Sulfate	0.50	U	1.0	0.50	mg/L			05/24/24 10:24	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 670-92535/68
Matrix: Water
Analysis Batch: 92535

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.40	0.20	mg/L			05/25/24 04:44	1
Sulfate	0.50	U	1.0	0.50	mg/L			05/25/24 04:44	1

Lab Sample ID: LCS 670-92535/103
Matrix: Water
Analysis Batch: 92535

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	3.92		mg/L		98	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCS 670-92535/35
Matrix: Water
Analysis Batch: 92535

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	3.91		mg/L		98	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCS 670-92535/4
Matrix: Water
Analysis Batch: 92535

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	3.80		mg/L		95	90 - 110
Sulfate	10.0	9.82		mg/L		98	90 - 110

Lab Sample ID: LCSD 670-92535/104
Matrix: Water
Analysis Batch: 92535

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.92		mg/L		98	90 - 110	0	20
Sulfate	10.0	10.1		mg/L		101	90 - 110	0	20

Lab Sample ID: LCSD 670-92535/36
Matrix: Water
Analysis Batch: 92535

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.90		mg/L		97	90 - 110	0	20
Sulfate	10.0	10.1		mg/L		101	90 - 110	0	20

Lab Sample ID: LCSD 670-92535/5
Matrix: Water
Analysis Batch: 92535

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.81		mg/L		95	90 - 110	0	20
Sulfate	10.0	9.85		mg/L		98	90 - 110	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 670-40479-2 MS
Matrix: Water
Analysis Batch: 92535

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.5	J	5.00	12.3	J	mg/L		135	80 - 120
Sulfate	5.7		5.00	11.1		mg/L		107	80 - 120

Lab Sample ID: 670-40479-2 MSD
Matrix: Water
Analysis Batch: 92535

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.5	J	5.00	12.2	J	mg/L		134	80 - 120	0	20
Sulfate	5.7		5.00	11.1		mg/L		107	80 - 120	0	20

Lab Sample ID: 670-40479-6 MS
Matrix: Water
Analysis Batch: 92535

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.8	J	5.00	14.6	J	mg/L		136	80 - 120
Sulfate	9.2		5.00	14.3		mg/L		101	80 - 120

Lab Sample ID: 670-40479-6 MSD
Matrix: Water
Analysis Batch: 92535

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.8	J	5.00	14.6	J	mg/L		136	80 - 120	0	20
Sulfate	9.2		5.00	14.3		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 670-93240/6
Matrix: Water
Analysis Batch: 93240

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.40	0.20	mg/L			05/30/24 10:42	1
Sulfate	0.50	U	1.0	0.50	mg/L			05/30/24 10:42	1

Lab Sample ID: LCS 670-93240/4
Matrix: Water
Analysis Batch: 93240

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.00	3.98		mg/L		100	90 - 110
Sulfate	10.0	9.32		mg/L		93	90 - 110

Lab Sample ID: LCSD 670-93240/5
Matrix: Water
Analysis Batch: 93240

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.00	3.98		mg/L		100	90 - 110	0	20
Sulfate	10.0	9.30		mg/L		93	90 - 110	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 670-40479-6 MS
Matrix: Water
Analysis Batch: 93240

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.8		5.00	13.3		mg/L		110	80 - 120
Sulfate	8.5		5.00	14.1		mg/L		112	80 - 120

Lab Sample ID: 670-40479-6 MSD
Matrix: Water
Analysis Batch: 93240

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.8		5.00	13.3		mg/L		108	80 - 120	1	20
Sulfate	8.5		5.00	14.2		mg/L		112	80 - 120	0	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 670-92538/3-A
Matrix: Water
Analysis Batch: 92791

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 92538

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.096	U	0.18	0.096	mg/L		05/24/24 08:35	05/24/24 16:05	1
Sodium	0.12	U	0.45	0.12	mg/L		05/24/24 08:35	05/24/24 16:05	1

Lab Sample ID: LCS 670-92538/1-A
Matrix: Water
Analysis Batch: 92791

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 92538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10.1	9.34		mg/L		93	85 - 115
Sodium	10.1	10.2		mg/L		101	85 - 115

Lab Sample ID: LCSD 670-92538/2-A
Matrix: Water
Analysis Batch: 92791

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 92538

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	10.1	9.90		mg/L		98	85 - 115	6	20
Sodium	10.1	10.5		mg/L		104	85 - 115	3	20

Lab Sample ID: 670-40435-A-4-D MS
Matrix: Water
Analysis Batch: 92791

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 92538

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	13		11.2	24.6		mg/L		101	70 - 130
Sodium	7.5		11.2	19.1		mg/L		103	70 - 130

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 670-40435-A-4-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 92791 — **Prep Batch: 92538**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	13		11.2	24.3		mg/L		99	70 - 130	1	20
Sodium	7.5		11.2	19.0		mg/L		102	70 - 130	1	20

Lab Sample ID: MB 670-92595/3-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 92791 — **Prep Batch: 92595**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.096	U	0.18	0.096	mg/L		05/24/24 10:41	05/24/24 17:27	1
Sodium	0.12	U	0.45	0.12	mg/L		05/24/24 10:41	05/24/24 17:27	1

Lab Sample ID: LCS 670-92595/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 92791 — **Prep Batch: 92595**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10.1	9.77		mg/L		97	85 - 115
Sodium	10.1	10.4		mg/L		103	85 - 115

Lab Sample ID: LCSD 670-92595/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 92791 — **Prep Batch: 92595**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	10.1	9.98		mg/L		99	85 - 115	2	20
Sodium	10.1	10.5		mg/L		104	85 - 115	1	20

Lab Sample ID: 670-40479-5 MS — **Client Sample ID: CW-4**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 92791 — **Prep Batch: 92595**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	3.0		11.2	14.5		mg/L		103	70 - 130
Sodium	140		11.2	148		mg/L		81	70 - 130

Lab Sample ID: 670-40479-5 MSD — **Client Sample ID: CW-4**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 92791 — **Prep Batch: 92595**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	3.0		11.2	14.7		mg/L		104	70 - 130	1	20
Sodium	140		11.2	149		mg/L		88	70 - 130	1	20

Lab Sample ID: MB 670-92669/3-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 92987 — **Prep Batch: 92669**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.096	U	0.18	0.096	mg/L		05/24/24 15:35	05/28/24 11:55	1
Sodium	0.12	U	0.45	0.12	mg/L		05/24/24 15:35	05/28/24 11:55	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: LCS 670-92669/1-A
Matrix: Water
Analysis Batch: 92987

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 92669

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			10.1	10.7		mg/L		106	85 - 115		
Sodium			10.1	11.5		mg/L		114	85 - 115		

Lab Sample ID: LCSD 670-92669/2-A
Matrix: Water
Analysis Batch: 92987

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 92669

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron			10.1	10.6		mg/L		105	85 - 115	0	20
Sodium			10.1	11.6		mg/L		114	85 - 115	1	20

Lab Sample ID: 670-40529-B-1-A MS
Matrix: Water
Analysis Batch: 92987

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 92669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron	0.11	U	11.2	11.8		mg/L		106	70 - 130		
Sodium	48		11.2	60.0		mg/L		111	70 - 130		

Lab Sample ID: 670-40529-B-1-B MSD
Matrix: Water
Analysis Batch: 92987

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 92669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.11	U	11.2	11.8		mg/L		105	70 - 130	0	20
Sodium	48		11.2	60.5		mg/L		114	70 - 130	1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 670-92533/3-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 92533

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0031	U	0.036	0.0031	mg/L		05/24/24 08:33	05/28/24 16:59	1
Arsenic	0.00035	U	0.0036	0.00035	mg/L		05/24/24 08:33	05/28/24 16:59	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		05/24/24 08:33	05/28/24 16:59	1
Chromium	0.00035	U	0.0018	0.00035	mg/L		05/24/24 08:33	05/28/24 16:59	1
Lead	0.00022	U	0.0018	0.00022	mg/L		05/24/24 08:33	05/28/24 16:59	1

Lab Sample ID: LCS 670-92533/1-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 92533

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			5.00	5.41		mg/L		108	85 - 115		
Arsenic			0.100	0.100		mg/L		100	85 - 115		
Cadmium			0.100	0.101		mg/L		101	85 - 115		
Chromium			0.100	0.106		mg/L		106	85 - 115		
Lead			0.100	0.101		mg/L		101	85 - 115		

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: LCSD 670-92533/2-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 92533

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	5.29		mg/L		106	85 - 115	2	20
Arsenic			0.100	0.100		mg/L		100	85 - 115	0	20
Cadmium			0.100	0.0987		mg/L		99	85 - 115	2	20
Chromium			0.100	0.106		mg/L		106	85 - 115	0	20
Lead			0.100	0.100		mg/L		100	85 - 115	1	20

Lab Sample ID: 670-40435-A-4-A MS
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 92533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.0051	I	5.56	5.87		mg/L		106	70 - 130
Arsenic	0.010		0.111	0.122		mg/L		101	70 - 130
Cadmium	0.00025	U	0.111	0.111		mg/L		100	70 - 130
Chromium	0.00039	U	0.111	0.118		mg/L		106	70 - 130
Lead	0.00024	U	0.111	0.114		mg/L		103	70 - 130

Lab Sample ID: 670-40435-A-4-B MSD
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 92533

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.0051	I	5.56	5.79		mg/L		104	70 - 130	1	20
Arsenic	0.010		0.111	0.122		mg/L		100	70 - 130	0	20
Cadmium	0.00025	U	0.111	0.114		mg/L		103	70 - 130	3	20
Chromium	0.00039	U	0.111	0.120		mg/L		108	70 - 130	2	20
Lead	0.00024	U	0.111	0.112		mg/L		101	70 - 130	2	20

Lab Sample ID: MB 670-92596/3-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 92596

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0031	U	0.036	0.0031	mg/L		05/24/24 10:43	05/28/24 17:34	1
Arsenic	0.00035	U	0.0036	0.00035	mg/L		05/24/24 10:43	05/28/24 17:34	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		05/24/24 10:43	05/28/24 17:34	1
Chromium	0.00035	U	0.0018	0.00035	mg/L		05/24/24 10:43	05/28/24 17:34	1
Lead	0.00022	U	0.0018	0.00022	mg/L		05/24/24 10:43	05/28/24 17:34	1

Lab Sample ID: LCS 670-92596/1-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 92596

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum			5.00	5.30		mg/L		106	85 - 115
Arsenic			0.100	0.0982		mg/L		98	85 - 115
Cadmium			0.100	0.101		mg/L		101	85 - 115
Chromium			0.100	0.108		mg/L		108	85 - 115
Lead			0.100	0.101		mg/L		101	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 670-92596/2-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 92596

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	5.31		mg/L		106	85 - 115	0	20
Arsenic			0.100	0.0983		mg/L		98	85 - 115	0	20
Cadmium			0.100	0.0997		mg/L		100	85 - 115	1	20
Chromium			0.100	0.108		mg/L		108	85 - 115	1	20
Lead			0.100	0.101		mg/L		101	85 - 115	1	20

Lab Sample ID: 670-40479-5 MS
Matrix: Water
Analysis Batch: 93026

Client Sample ID: CW-4
Prep Type: Total Recoverable
Prep Batch: 92596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.089		5.56	5.92		mg/L		105	70 - 130
Arsenic	0.0098		0.111	0.123		mg/L		102	70 - 130
Cadmium	0.00025	U	0.111	0.111		mg/L		100	70 - 130
Chromium	0.0025		0.111	0.122		mg/L		108	70 - 130
Lead	0.00024	U	0.111	0.111		mg/L		100	70 - 130

Lab Sample ID: 670-40479-5 MSD
Matrix: Water
Analysis Batch: 93026

Client Sample ID: CW-4
Prep Type: Total Recoverable
Prep Batch: 92596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.089		5.56	6.03		mg/L		107	70 - 130	2	20
Arsenic	0.0098		0.111	0.122		mg/L		101	70 - 130	1	20
Cadmium	0.00025	U	0.111	0.109		mg/L		98	70 - 130	2	20
Chromium	0.0025		0.111	0.124		mg/L		110	70 - 130	2	20
Lead	0.00024	U	0.111	0.110		mg/L		99	70 - 130	0	20

Lab Sample ID: MB 670-92670/3-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 92670

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.00396	I	0.036	0.0031	mg/L		05/24/24 15:38	05/28/24 21:15	1
Arsenic	0.00035	U	0.0036	0.00035	mg/L		05/24/24 15:38	05/28/24 21:15	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		05/24/24 15:38	05/28/24 21:15	1
Chromium	0.000371	I	0.0018	0.00035	mg/L		05/24/24 15:38	05/28/24 21:15	1
Lead	0.00022	U	0.0018	0.00022	mg/L		05/24/24 15:38	05/28/24 21:15	1

Lab Sample ID: LCS 670-92670/1-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 92670

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum			5.00	5.23		mg/L		105	85 - 115
Arsenic			0.100	0.0964		mg/L		96	85 - 115
Cadmium			0.100	0.0987		mg/L		99	85 - 115
Chromium			0.100	0.105		mg/L		105	85 - 115
Lead			0.100	0.100		mg/L		100	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 670-92670/2-A
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 92670

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	5.12		mg/L		102	85 - 115	2	20
Arsenic			0.100	0.0968		mg/L		97	85 - 115	0	20
Cadmium			0.100	0.0996		mg/L		100	85 - 115	1	20
Chromium			0.100	0.104		mg/L		104	85 - 115	1	20
Lead			0.100	0.101		mg/L		101	85 - 115	0	20

Lab Sample ID: 670-40529-B-1-D MS
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 92670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.25		5.56	5.86		mg/L		101	70 - 130
Arsenic	0.00039	U	0.111	0.107		mg/L		97	70 - 130
Cadmium	0.00025	U	0.111	0.108		mg/L		98	70 - 130
Chromium	0.0042		0.111	0.118		mg/L		102	70 - 130
Lead	0.00024	U	0.111	0.110		mg/L		99	70 - 130

Lab Sample ID: 670-40529-B-1-E MSD
Matrix: Water
Analysis Batch: 93026

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 92670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.25		5.56	5.91		mg/L		102	70 - 130	1	20
Arsenic	0.00039	U	0.111	0.107		mg/L		97	70 - 130	0	20
Cadmium	0.00025	U	0.111	0.110		mg/L		99	70 - 130	1	20
Chromium	0.0042		0.111	0.118		mg/L		102	70 - 130	0	20
Lead	0.00024	U	0.111	0.111		mg/L		100	70 - 130	1	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 670-92585/12-A
Matrix: Water
Analysis Batch: 92657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92585

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		05/24/24 09:59	05/24/24 13:46	1

Lab Sample ID: LCS 670-92585/10-A
Matrix: Water
Analysis Batch: 92657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92585

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.00500	0.00510		mg/L		102	85 - 115

Lab Sample ID: LCSD 670-92585/11-A
Matrix: Water
Analysis Batch: 92657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92585

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00500	0.00499		mg/L		100	85 - 115	2	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: 670-40479-2 MS
Matrix: Water
Analysis Batch: 92657

Client Sample ID: MW-2
Prep Type: Total/NA
Prep Batch: 92585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00020	U	0.00500	0.00552		mg/L		110	80 - 120

Lab Sample ID: 670-40479-2 MSD
Matrix: Water
Analysis Batch: 92657

Client Sample ID: MW-2
Prep Type: Total/NA
Prep Batch: 92585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00020	U	0.00500	0.00545		mg/L		109	80 - 120	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 670-94270/35
Matrix: Water
Analysis Batch: 94270

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.014	U	0.020	0.014	mg/L			06/05/24 18:40	1

Lab Sample ID: MB 670-94270/7
Matrix: Water
Analysis Batch: 94270

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.014	U	0.020	0.014	mg/L			06/05/24 17:32	1

Lab Sample ID: LCS 670-94270/3
Matrix: Water
Analysis Batch: 94270

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.500	0.492		mg/L		98	90 - 110

Lab Sample ID: LCS 670-94270/33
Matrix: Water
Analysis Batch: 94270

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.500	0.511		mg/L		102	90 - 110

Lab Sample ID: LCSD 670-94270/34
Matrix: Water
Analysis Batch: 94270

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	0.500	0.522		mg/L					

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCSD 670-94270/6
Matrix: Water
Analysis Batch: 94270

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)			0.500	0.475		mg/L		95	90 - 110	4	20

Lab Sample ID: 185-1246-A-7 MS
Matrix: Water
Analysis Batch: 94270

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.43	J	0.500	0.721	J	mg/L		59	90 - 110

Lab Sample ID: 185-1246-A-12 MS
Matrix: Water
Analysis Batch: 94270

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.87	J	0.500	0.912	J	mg/L		8	90 - 110

Lab Sample ID: MB 670-94436/34
Matrix: Water
Analysis Batch: 94436

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.014	U	0.020	0.014	mg/L			06/06/24 08:36	1

Lab Sample ID: MB 670-94436/7
Matrix: Water
Analysis Batch: 94436

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.014	U	0.020	0.014	mg/L			06/05/24 21:47	1

Lab Sample ID: LCS 670-94436/3
Matrix: Water
Analysis Batch: 94436

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)			0.500	0.452		mg/L		90	90 - 110

Lab Sample ID: LCS 670-94436/32
Matrix: Water
Analysis Batch: 94436

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)			0.500	0.458		mg/L		92	90 - 110

Lab Sample ID: LCSD 670-94436/6
Matrix: Water
Analysis Batch: 94436

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)			0.500	0.479		mg/L		96	90 - 110	6	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: 185-1237-B-5 MS
Matrix: Water
Analysis Batch: 94436

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)	0.014	U J	0.500	0.014	U J	mg/L		0	90 - 110		

Lab Sample ID: MB 670-94561/7
Matrix: Water
Analysis Batch: 94561

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.014	U	0.020	0.014	mg/L			06/06/24 20:38	1

Lab Sample ID: LCS 670-94561/3
Matrix: Water
Analysis Batch: 94561

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			0.500	0.533		mg/L		107	90 - 110		

Lab Sample ID: LCSD 670-94561/6
Matrix: Water
Analysis Batch: 94561

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)			0.500	0.517		mg/L		103	90 - 110	3	20

Lab Sample ID: 660-136123-B-3 MS
Matrix: Water
Analysis Batch: 94561

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)	4.7	J	50.0	4.59	J	mg/L		-0.2	90 - 110		

Lab Sample ID: 670-40312-A-1 MSD
Matrix: Water
Analysis Batch: 94561

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	4.2	J	50.0	3.90	J	mg/L		-0.5	90 - 110	6	20

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

Lab Sample ID: MB 670-93061/1
Matrix: Water
Analysis Batch: 93061

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			05/29/24 10:11	1

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

Lab Sample ID: LCS 670-93061/2
Matrix: Water
Analysis Batch: 93061

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1500	1480		mg/L		99	80 - 120

Lab Sample ID: 670-40529-A-1 DU
Matrix: Water
Analysis Batch: 93061

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	140		160		mg/L		11	20

Lab Sample ID: MB 670-93077/1
Matrix: Water
Analysis Batch: 93077

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			05/29/24 11:05	1

Lab Sample ID: LCS 670-93077/2
Matrix: Water
Analysis Batch: 93077

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1500	1450		mg/L		97	80 - 120

Lab Sample ID: 670-40529-A-3 DU
Matrix: Water
Analysis Batch: 93077

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		200		mg/L		8	20

GC/MS VOA

Analysis Batch: 93447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total/NA	Water	8260D	
670-40479-2	MW-2	Total/NA	Water	8260D	
670-40479-3	MW-3R	Total/NA	Water	8260D	
670-40479-4	MW-4	Total/NA	Water	8260D	
670-40479-5	CW-4	Total/NA	Water	8260D	
670-40479-6	MW-5	Total/NA	Water	8260D	
670-40479-7	MW-6	Total/NA	Water	8260D	
670-40479-8	MW-7	Total/NA	Water	8260D	
670-40479-9	MW-8	Total/NA	Water	8260D	
670-40479-10	TW-7	Total/NA	Water	8260D	
670-40479-11	TW-8	Total/NA	Water	8260D	
670-40479-12	TW-11	Total/NA	Water	8260D	
MB 670-93447/7	Method Blank	Total/NA	Water	8260D	
LCS 670-93447/4	Lab Control Sample	Total/NA	Water	8260D	
660-136331-K-2 MS	Matrix Spike	Total/NA	Water	8260D	
660-136331-K-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 92534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total/NA	Water	300.0	
670-40479-2	MW-2	Total/NA	Water	300.0	
670-40479-3	MW-3R	Total/NA	Water	300.0	
670-40479-4	MW-4	Total/NA	Water	300.0	
670-40479-5	CW-4	Total/NA	Water	300.0	
670-40479-6	MW-5	Total/NA	Water	300.0	
670-40479-7	MW-6	Total/NA	Water	300.0	
670-40479-8	MW-7	Total/NA	Water	300.0	
670-40479-9	MW-8	Total/NA	Water	300.0	
670-40479-10	TW-7	Total/NA	Water	300.0	
670-40479-11	TW-8	Total/NA	Water	300.0	
670-40479-12	TW-11	Total/NA	Water	300.0	
MB 670-92534/105	Method Blank	Total/NA	Water	300.0	
MB 670-92534/37	Method Blank	Total/NA	Water	300.0	
MB 670-92534/6	Method Blank	Total/NA	Water	300.0	
MB 670-92534/68	Method Blank	Total/NA	Water	300.0	
LCS 670-92534/103	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-92534/35	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-92534/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-92534/104	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-92534/36	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-92534/5	Lab Control Sample Dup	Total/NA	Water	300.0	
670-40479-2 MS	MW-2	Total/NA	Water	300.0	
670-40479-2 MSD	MW-2	Total/NA	Water	300.0	
670-40479-6 MS	MW-5	Total/NA	Water	300.0	
670-40479-6 MSD	MW-5	Total/NA	Water	300.0	

Analysis Batch: 92535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 92535 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-2	MW-2	Total/NA	Water	300.0	
670-40479-3	MW-3R	Total/NA	Water	300.0	
670-40479-3	MW-3R	Total/NA	Water	300.0	
670-40479-4	MW-4	Total/NA	Water	300.0	
670-40479-5	CW-4	Total/NA	Water	300.0	
670-40479-6	MW-5	Total/NA	Water	300.0	
670-40479-7	MW-6	Total/NA	Water	300.0	
670-40479-8	MW-7	Total/NA	Water	300.0	
670-40479-9	MW-8	Total/NA	Water	300.0	
670-40479-10	TW-7	Total/NA	Water	300.0	
670-40479-11	TW-8	Total/NA	Water	300.0	
670-40479-12	TW-11	Total/NA	Water	300.0	
MB 670-92535/105	Method Blank	Total/NA	Water	300.0	
MB 670-92535/37	Method Blank	Total/NA	Water	300.0	
MB 670-92535/6	Method Blank	Total/NA	Water	300.0	
MB 670-92535/68	Method Blank	Total/NA	Water	300.0	
LCS 670-92535/103	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-92535/35	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-92535/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-92535/104	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-92535/36	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-92535/5	Lab Control Sample Dup	Total/NA	Water	300.0	
670-40479-2 MS	MW-2	Total/NA	Water	300.0	
670-40479-2 MSD	MW-2	Total/NA	Water	300.0	
670-40479-6 MS	MW-5	Total/NA	Water	300.0	
670-40479-6 MSD	MW-5	Total/NA	Water	300.0	

Analysis Batch: 93240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 670-93240/6	Method Blank	Total/NA	Water	300.0	
LCS 670-93240/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-93240/5	Lab Control Sample Dup	Total/NA	Water	300.0	
670-40479-6 MS	MW-5	Total/NA	Water	300.0	
670-40479-6 MSD	MW-5	Total/NA	Water	300.0	

Metals

Prep Batch: 92533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total Recoverable	Water	200.8	
670-40479-2	MW-2	Total Recoverable	Water	200.8	
670-40479-3	MW-3R	Total Recoverable	Water	200.8	
670-40479-4	MW-4	Total Recoverable	Water	200.8	
MB 670-92533/3-A	Method Blank	Total Recoverable	Water	200.8	
LCS 670-92533/1-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 670-92533/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
670-40435-A-4-A MS	Matrix Spike	Total Recoverable	Water	200.8	
670-40435-A-4-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	

Metals

Prep Batch: 92538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total Recoverable	Water	200.7	
670-40479-2	MW-2	Total Recoverable	Water	200.7	
670-40479-3	MW-3R	Total Recoverable	Water	200.7	
670-40479-4	MW-4	Total Recoverable	Water	200.7	
MB 670-92538/3-A	Method Blank	Total Recoverable	Water	200.7	
LCS 670-92538/1-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 670-92538/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
670-40435-A-4-D MS	Matrix Spike	Total Recoverable	Water	200.7	
670-40435-A-4-E MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7	

Prep Batch: 92585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total/NA	Water	245.1	
670-40479-2	MW-2	Total/NA	Water	245.1	
670-40479-3	MW-3R	Total/NA	Water	245.1	
670-40479-4	MW-4	Total/NA	Water	245.1	
670-40479-5	CW-4	Total/NA	Water	245.1	
670-40479-6	MW-5	Total/NA	Water	245.1	
670-40479-7	MW-6	Total/NA	Water	245.1	
670-40479-8	MW-7	Total/NA	Water	245.1	
670-40479-9	MW-8	Total/NA	Water	245.1	
670-40479-10	TW-7	Total/NA	Water	245.1	
670-40479-11	TW-8	Total/NA	Water	245.1	
670-40479-12	TW-11	Total/NA	Water	245.1	
MB 670-92585/12-A	Method Blank	Total/NA	Water	245.1	
LCS 670-92585/10-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 670-92585/11-A	Lab Control Sample Dup	Total/NA	Water	245.1	
670-40479-2 MS	MW-2	Total/NA	Water	245.1	
670-40479-2 MSD	MW-2	Total/NA	Water	245.1	

Prep Batch: 92595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-5	CW-4	Total Recoverable	Water	200.7	
670-40479-6	MW-5	Total Recoverable	Water	200.7	
670-40479-7	MW-6	Total Recoverable	Water	200.7	
670-40479-8	MW-7	Total Recoverable	Water	200.7	
670-40479-9	MW-8	Total Recoverable	Water	200.7	
670-40479-10	TW-7	Total Recoverable	Water	200.7	
670-40479-11	TW-8	Total Recoverable	Water	200.7	
670-40479-12	TW-11	Total Recoverable	Water	200.7	
MB 670-92595/3-A	Method Blank	Total Recoverable	Water	200.7	
LCS 670-92595/1-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 670-92595/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
670-40479-5 MS	CW-4	Total Recoverable	Water	200.7	
670-40479-5 MSD	CW-4	Total Recoverable	Water	200.7	

Prep Batch: 92596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-5	CW-4	Total Recoverable	Water	200.8	
670-40479-6	MW-5	Total Recoverable	Water	200.8	
670-40479-7	MW-6	Total Recoverable	Water	200.8	

Metals (Continued)

Prep Batch: 92596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-8	MW-7	Total Recoverable	Water	200.8	
670-40479-9	MW-8	Total Recoverable	Water	200.8	
670-40479-10	TW-7	Total Recoverable	Water	200.8	
670-40479-11	TW-8	Total Recoverable	Water	200.8	
670-40479-12	TW-11	Total Recoverable	Water	200.8	
MB 670-92596/3-A	Method Blank	Total Recoverable	Water	200.8	
LCS 670-92596/1-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 670-92596/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
670-40479-5 MS	CW-4	Total Recoverable	Water	200.8	
670-40479-5 MSD	CW-4	Total Recoverable	Water	200.8	

Analysis Batch: 92657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total/NA	Water	245.1	92585
670-40479-2	MW-2	Total/NA	Water	245.1	92585
670-40479-3	MW-3R	Total/NA	Water	245.1	92585
670-40479-4	MW-4	Total/NA	Water	245.1	92585
670-40479-5	CW-4	Total/NA	Water	245.1	92585
670-40479-6	MW-5	Total/NA	Water	245.1	92585
670-40479-7	MW-6	Total/NA	Water	245.1	92585
670-40479-8	MW-7	Total/NA	Water	245.1	92585
670-40479-9	MW-8	Total/NA	Water	245.1	92585
670-40479-10	TW-7	Total/NA	Water	245.1	92585
670-40479-11	TW-8	Total/NA	Water	245.1	92585
670-40479-12	TW-11	Total/NA	Water	245.1	92585
MB 670-92585/12-A	Method Blank	Total/NA	Water	245.1	92585
LCS 670-92585/10-A	Lab Control Sample	Total/NA	Water	245.1	92585
LCSD 670-92585/11-A	Lab Control Sample Dup	Total/NA	Water	245.1	92585
670-40479-2 MS	MW-2	Total/NA	Water	245.1	92585
670-40479-2 MSD	MW-2	Total/NA	Water	245.1	92585

Prep Batch: 92669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 670-92669/3-A	Method Blank	Total Recoverable	Water	200.7	
LCS 670-92669/1-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 670-92669/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
670-40529-B-1-A MS	Matrix Spike	Total Recoverable	Water	200.7	
670-40529-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7	

Prep Batch: 92670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 670-92670/3-A	Method Blank	Total Recoverable	Water	200.8	
LCS 670-92670/1-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 670-92670/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
670-40529-B-1-D MS	Matrix Spike	Total Recoverable	Water	200.8	
670-40529-B-1-E MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	

Analysis Batch: 92791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total Recoverable	Water	200.7 Rev 4.4	92538
670-40479-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	92538

Metals (Continued)

Analysis Batch: 92791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-3	MW-3R	Total Recoverable	Water	200.7 Rev 4.4	92538
670-40479-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	92538
670-40479-5	CW-4	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-6	MW-5	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-7	MW-6	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-8	MW-7	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-9	MW-8	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-10	TW-7	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-11	TW-8	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-12	TW-11	Total Recoverable	Water	200.7 Rev 4.4	92595
MB 670-92538/3-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	92538
MB 670-92595/3-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	92595
LCS 670-92538/1-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	92538
LCS 670-92595/1-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	92595
LCSD 670-92538/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	92538
LCSD 670-92595/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40435-A-4-D MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	92538
670-40435-A-4-E MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	92538
670-40479-5 MS	CW-4	Total Recoverable	Water	200.7 Rev 4.4	92595
670-40479-5 MSD	CW-4	Total Recoverable	Water	200.7 Rev 4.4	92595

Analysis Batch: 92987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 670-92669/3-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	92669
LCS 670-92669/1-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	92669
LCSD 670-92669/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	92669
670-40529-B-1-A MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	92669
670-40529-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	92669

Analysis Batch: 93026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total Recoverable	Water	200.8	92533
670-40479-2	MW-2	Total Recoverable	Water	200.8	92533
670-40479-3	MW-3R	Total Recoverable	Water	200.8	92533
670-40479-4	MW-4	Total Recoverable	Water	200.8	92533
670-40479-5	CW-4	Total Recoverable	Water	200.8	92596
670-40479-6	MW-5	Total Recoverable	Water	200.8	92596
670-40479-7	MW-6	Total Recoverable	Water	200.8	92596
670-40479-8	MW-7	Total Recoverable	Water	200.8	92596
670-40479-9	MW-8	Total Recoverable	Water	200.8	92596
670-40479-10	TW-7	Total Recoverable	Water	200.8	92596
670-40479-11	TW-8	Total Recoverable	Water	200.8	92596
670-40479-12	TW-11	Total Recoverable	Water	200.8	92596
MB 670-92533/3-A	Method Blank	Total Recoverable	Water	200.8	92533
MB 670-92596/3-A	Method Blank	Total Recoverable	Water	200.8	92596
MB 670-92670/3-A	Method Blank	Total Recoverable	Water	200.8	92670
LCS 670-92533/1-A	Lab Control Sample	Total Recoverable	Water	200.8	92533
LCS 670-92596/1-A	Lab Control Sample	Total Recoverable	Water	200.8	92596
LCS 670-92670/1-A	Lab Control Sample	Total Recoverable	Water	200.8	92670
LCSD 670-92533/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	92533
LCSD 670-92596/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	92596

Metals (Continued)

Analysis Batch: 93026 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 670-92670/2-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	92670
670-40435-A-4-A MS	Matrix Spike	Total Recoverable	Water	200.8	92533
670-40435-A-4-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	92533
670-40479-5 MS	CW-4	Total Recoverable	Water	200.8	92596
670-40479-5 MSD	CW-4	Total Recoverable	Water	200.8	92596
670-40529-B-1-D MS	Matrix Spike	Total Recoverable	Water	200.8	92670
670-40529-B-1-E MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	92670

General Chemistry

Analysis Batch: 93061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total/NA	Water	SM 2540C	
670-40479-2	MW-2	Total/NA	Water	SM 2540C	
670-40479-3	MW-3R	Total/NA	Water	SM 2540C	
670-40479-5	CW-4	Total/NA	Water	SM 2540C	
670-40479-6	MW-5	Total/NA	Water	SM 2540C	
670-40479-7	MW-6	Total/NA	Water	SM 2540C	
670-40479-8	MW-7	Total/NA	Water	SM 2540C	
670-40479-9	MW-8	Total/NA	Water	SM 2540C	
670-40479-10	TW-7	Total/NA	Water	SM 2540C	
670-40479-11	TW-8	Total/NA	Water	SM 2540C	
MB 670-93061/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 670-93061/2	Lab Control Sample	Total/NA	Water	SM 2540C	
670-40529-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 93077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-4	MW-4	Total/NA	Water	SM 2540C	
670-40479-12	TW-11	Total/NA	Water	SM 2540C	
MB 670-93077/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 670-93077/2	Lab Control Sample	Total/NA	Water	SM 2540C	
670-40529-A-3 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 94270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-3	MW-3R	Total/NA	Water	350.1	
670-40479-4	MW-4	Total/NA	Water	350.1	
670-40479-5	CW-4	Total/NA	Water	350.1	
670-40479-6	MW-5	Total/NA	Water	350.1	
670-40479-7	MW-6	Total/NA	Water	350.1	
670-40479-8	MW-7	Total/NA	Water	350.1	
670-40479-10	TW-7	Total/NA	Water	350.1	
670-40479-11	TW-8	Total/NA	Water	350.1	
670-40479-12	TW-11	Total/NA	Water	350.1	
MB 670-94270/35	Method Blank	Total/NA	Water	350.1	
MB 670-94270/7	Method Blank	Total/NA	Water	350.1	
LCS 670-94270/3	Lab Control Sample	Total/NA	Water	350.1	
LCS 670-94270/33	Lab Control Sample	Total/NA	Water	350.1	
LCSD 670-94270/34	Lab Control Sample Dup	Total/NA	Water	350.1	
LCSD 670-94270/6	Lab Control Sample Dup	Total/NA	Water	350.1	

General Chemistry (Continued)

Analysis Batch: 94270 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
185-1246-A-7 MS	Matrix Spike	Total/NA	Water	350.1	
185-1246-A-12 MS	Matrix Spike	Total/NA	Water	350.1	

Analysis Batch: 94436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-2	MW-2	Total/NA	Water	350.1	
670-40479-9	MW-8	Total/NA	Water	350.1	
MB 670-94436/34	Method Blank	Total/NA	Water	350.1	
MB 670-94436/7	Method Blank	Total/NA	Water	350.1	
LCS 670-94436/3	Lab Control Sample	Total/NA	Water	350.1	
LCS 670-94436/32	Lab Control Sample	Total/NA	Water	350.1	
LCSD 670-94436/6	Lab Control Sample Dup	Total/NA	Water	350.1	
185-1237-B-5 MS	Matrix Spike	Total/NA	Water	350.1	

Analysis Batch: 94561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-40479-1	MW-1R	Total/NA	Water	350.1	
MB 670-94561/7	Method Blank	Total/NA	Water	350.1	
LCS 670-94561/3	Lab Control Sample	Total/NA	Water	350.1	
LCSD 670-94561/6	Lab Control Sample Dup	Total/NA	Water	350.1	
660-136123-B-3 MS	Matrix Spike	Total/NA	Water	350.1	
670-40312-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1	

Lab Chronicle

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-1R

Lab Sample ID: 670-40479-1

Date Collected: 05/23/24 11:15

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 13:59
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 14:05
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 14:05
Total Recoverable	Prep	200.7			92538	JR	EET ORL	05/24/24 08:36
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:03
Total Recoverable	Prep	200.8			92533	JR	EET ORL	05/24/24 08:33
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:18
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 13:51
Total/NA	Analysis	350.1		1	94561	VJW	EET ORL	06/06/24 19:23
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: MW-2

Lab Sample ID: 670-40479-2

Date Collected: 05/23/24 13:00

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 14:17
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 14:55
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 14:55
Total Recoverable	Prep	200.7			92538	JR	EET ORL	05/24/24 08:36
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:06
Total Recoverable	Prep	200.8			92533	JR	EET ORL	05/24/24 08:33
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:20
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 13:50
Total/NA	Analysis	350.1		1	94436	VJW	EET ORL	06/05/24 22:29
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: MW-3R

Lab Sample ID: 670-40479-3

Date Collected: 05/23/24 13:50

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 14:35
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 16:54
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 16:54
Total/NA	Analysis	300.0		10	92535	YGS	EET ORL	05/25/24 15:35
Total Recoverable	Prep	200.7			92538	JR	EET ORL	05/24/24 08:36
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:09
Total Recoverable	Prep	200.8			92533	JR	EET ORL	05/24/24 08:33
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:22

Lab Chronicle

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: MW-3R

Lab Sample ID: 670-40479-3

Date Collected: 05/23/24 13:50

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 13:53
Total/NA	Analysis	350.1		20	94270	VJW	EET ORL	06/05/24 19:38
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: MW-4

Lab Sample ID: 670-40479-4

Date Collected: 05/23/24 15:30

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 14:54
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 21:25
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 21:25
Total Recoverable	Prep	200.7			92538	JR	EET ORL	05/24/24 08:36
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:11
Total Recoverable	Prep	200.8			92533	JR	EET ORL	05/24/24 08:33
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:24
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 13:54
Total/NA	Analysis	350.1		100	94270	VJW	EET ORL	06/05/24 21:08
Total/NA	Analysis	SM 2540C		1	93077	SM	EET ORL	05/29/24 11:05

Client Sample ID: CW-4

Lab Sample ID: 670-40479-5

Date Collected: 05/23/24 15:05

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 15:12
Total/NA	Analysis	300.0		10	92534	YGS	EET ORL	05/24/24 21:08
Total/NA	Analysis	300.0		10	92535	YGS	EET ORL	05/24/24 21:08
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:35
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:39
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 13:55
Total/NA	Analysis	350.1		10	94270	VJW	EET ORL	06/05/24 19:40
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: MW-5

Lab Sample ID: 670-40479-6

Date Collected: 05/23/24 13:25

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 15:31
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 20:17
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 20:17
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:38
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:41
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 13:57
Total/NA	Analysis	350.1		2	94270	VJW	EET ORL	06/05/24 17:40
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: MW-6

Lab Sample ID: 670-40479-7

Date Collected: 05/23/24 11:40

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 15:49
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 15:46
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 15:46
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:40
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:45
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 13:58
Total/NA	Analysis	350.1		2	94270	VJW	EET ORL	06/05/24 19:41
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: MW-7

Lab Sample ID: 670-40479-8

Date Collected: 05/23/24 12:10

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 16:07
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 18:19
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 18:19
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:43
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:46
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 14:00

Client Sample ID: MW-7

Lab Sample ID: 670-40479-8

Date Collected: 05/23/24 12:10

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1		10	94270	VJW	EET ORL	06/05/24 19:44
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: MW-8

Lab Sample ID: 670-40479-9

Date Collected: 05/23/24 12:35

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 16:26
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 18:35
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 18:35
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:46
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:48
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 14:01
Total/NA	Analysis	350.1		1	94436	VJW	EET ORL	06/05/24 22:29
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: TW-7

Lab Sample ID: 670-40479-10

Date Collected: 05/23/24 15:50

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 16:44
Total/NA	Analysis	300.0		1	92534	YGS	EET ORL	05/24/24 21:41
Total/NA	Analysis	300.0		1	92535	YGS	EET ORL	05/24/24 21:41
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:48
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:50
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 14:02
Total/NA	Analysis	350.1		2	94270	VJW	EET ORL	06/05/24 17:45
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: TW-8

Lab Sample ID: 670-40479-11

Date Collected: 05/23/24 14:40

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 17:02
Total/NA	Analysis	300.0		10	92534	YGS	EET ORL	05/24/24 18:02

Lab Chronicle

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Client Sample ID: TW-8

Lab Sample ID: 670-40479-11

Date Collected: 05/23/24 14:40

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	92535	YGS	EET ORL	05/24/24 18:02
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:51
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:52
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 14:10
Total/NA	Analysis	350.1		10	94270	VJW	EET ORL	06/05/24 19:45
Total/NA	Analysis	SM 2540C		1	93061	SM	EET ORL	05/29/24 10:11

Client Sample ID: TW-11

Lab Sample ID: 670-40479-12

Date Collected: 05/23/24 14:15

Matrix: Water

Date Received: 05/24/24 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	93447	JFL	EET ORL	05/31/24 17:21
Total/NA	Analysis	300.0		10	92534	YGS	EET ORL	05/24/24 17:45
Total/NA	Analysis	300.0		10	92535	YGS	EET ORL	05/24/24 17:45
Total Recoverable	Prep	200.7			92595	JR	EET ORL	05/24/24 10:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	92791	AS	EET ORL	05/24/24 17:53
Total Recoverable	Prep	200.8			92596	JR	EET ORL	05/24/24 10:43
Total Recoverable	Analysis	200.8		1	93026	EV	EET ORL	05/28/24 17:54
Total/NA	Prep	245.1			92585	EB	EET ORL	05/24/24 09:59
Total/NA	Analysis	245.1		1	92657	EB	EET ORL	05/24/24 14:11
Total/NA	Analysis	350.1		20	94270	VJW	EET ORL	06/05/24 19:46
Total/NA	Analysis	SM 2540C		1	93077	SM	EET ORL	05/29/24 11:05

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

Accreditation/Certification Summary

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Laboratory: Eurofins Orlando

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E83018	06-30-24

Method Summary

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ORL
300.0	Anions, Ion Chromatography	EPA	EET ORL
200.7 Rev 4.4	Metals (ICP)	EPA	EET ORL
200.8	Metals (ICP/MS)	EPA	EET ORL
245.1	Mercury (CVAA)	EPA	EET ORL
350.1	Nitrogen, Ammonia	EPA	EET ORL
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET ORL
200.7	Preparation, Total Recoverable Metals	EPA	EET ORL
200.8	Preparation, Total Recoverable Metals	EPA	EET ORL
245.1	Preparation, Mercury	EPA	EET ORL
5030C	Purge and Trap	SW846	EET ORL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

Sample Summary

Client: Dominion, Inc.
Project/Site: 1503.01

Job ID: 670-40479-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
670-40479-1	MW-1R	Water	05/23/24 11:15	05/24/24 06:40
670-40479-2	MW-2	Water	05/23/24 13:00	05/24/24 06:40
670-40479-3	MW-3R	Water	05/23/24 13:50	05/24/24 06:40
670-40479-4	MW-4	Water	05/23/24 15:30	05/24/24 06:40
670-40479-5	CW-4	Water	05/23/24 15:05	05/24/24 06:40
670-40479-6	MW-5	Water	05/23/24 13:25	05/24/24 06:40
670-40479-7	MW-6	Water	05/23/24 11:40	05/24/24 06:40
670-40479-8	MW-7	Water	05/23/24 12:10	05/24/24 06:40
670-40479-9	MW-8	Water	05/23/24 12:35	05/24/24 06:40
670-40479-10	TW-7	Water	05/23/24 15:50	05/24/24 06:40
670-40479-11	TW-8	Water	05/23/24 14:40	05/24/24 06:40
670-40479-12	TW-11	Water	05/23/24 14:15	05/24/24 06:40

Eurofins Jacksonville
8021-6 Philips Highway
Jacksonville, FL 32256
Phone (904) 296-3007 Phone (904) 296-6210

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: White, William B	Carrier Tracking No(s):	COC No: 762-4429-653.1
Client Contact: Mr. Paul Laymon	Phone:	E-Mail: William.White@et.eurofinsus.com	State of Origin:	Page: 1 of 2
Company: Dominion, Inc.	PWSID:			Job #:

Address: 3776 Cathedral Oak Place N	Due Date Requested:
City: Jacksonville	TAT Requested (days):
State, Zip: FL, 32217	Compliance Project: Δ Yes Δ No
Phone: 904-783-4279(Tel)	PO #: Purchase Order not required
Email: playmon@dominiongeo.com	WO #:
Project Name: 1503.01	Project #: 76200319
Site:	SSOW#:

Analysis Requested

Preservation Codes:
S - H2SO4
N - None
D - HNO3
A - HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	2540C - Total Dissolved Solids	200.7 - Fe Na, 200.8 - Al As Cd Cr Pb, 245.1 - Hg	8260D - TCL List VOCs	300 - Chloride Sulfate, 300 - Nitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				S	N	D	A	N		
MW-1R	5/23/24	1115	G	Water			X	X	X	X	X		
MW-2		1300	G	Water			X	X	X	X	X		
MW-3R		1350	G	Water			X	X	X	X	X		
MW-4		1530	G	Water			X	X	X	X	X		
CW-4		1505	G	Water			X	X	X	X	X		
MW-5		1525	G	Water			X	X	X	X	X		
MW-6		1140	G	Water			X	X	X	X	X		
MW-7		1210	G	Water			X	X	X	X	X		
MW-8		1235	G	Water			X	X	X	X	X		
TW-7		1550	G	Water			X	X	X	X	X		
TW-8	5/23	1440	G	Water			X	X	X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 5/23/24	Time: 0830	Method of Shipment: FedEx

Relinquished by:	Date/Time: 5/23/24 1645	Company	Received by:	Date/Time: 5/23/24 1645	Company EET
Relinquished by:	Date/Time: 5/23/24 1700	Company EET	Received by:	Date/Time: 5.24.24 0640	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #1 5.1 °C Red on Ice 2.7 12.7 #2 3.4 °C Corrig 1.9 11.9

Ver: 04/02/2024
6/7/2024

Eurofins Jacksonville
8021-6 Philips Highway
Jacksonville, FL 32256
Phone (904) 296-3007 Phone (904) 296-6210

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: White, William B	Carrier Tracking No(s):	COC No: 762-4429-653.1
Client Contact: Mr. Paul Laymon	Phone:	E-Mail: William.White@et.eurofinsus.com	State of Origin:	Page: 282
Company: Dominion, Inc.	PWSID:			Job #:

Address: 3776 Cathedral Oak Place N	Due Date Requested:
City: Jacksonville	TAT Requested (days):
State, Zip: FL, 32217	Compliance Project: Δ Yes Δ No
Phone: 904-783-4279(Tel)	PO #: Purchase Order not required
Email: playmon@dominiongeo.com	WO #:
Project Name: 1503.01	Project #: 76200319
Site:	SSOW#:

Analysis Requested

Preservation Codes:
S - H2SO4
N - None
D - HNO3
A - HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	2540C - Total Dissolved Solids	200.7 - Fe Na, 200.8 - Al As Cd Cr Pb, 245.1 - Hg	8260D - TCL List VOCs	300 - Chloride Sulfate, 300 - Nitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				S	N	D	A	N		
TW-11	5/23/24	1415	G	Water			X	X	X	X	X		

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5/23/24 1645	Company	Received by:	Date/Time: 5/23/24 1645	Company EET
Relinquished by:	Date/Time: 5/23/24 1700	Company EET	Received by:	Date/Time: 5.24.24 0640	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #1 5.1°C Red On Ice #2 3.4°C amy -

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-1R	SAMPLE ID: MW-1R	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 39.5	STATIC DEPTH TO WATER (ft): 16.86	WELL CAPACITY (gal/ft): 0.16

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

= (39.5 - 16.8 X .16 = set in screen = 1.6

PURGE METHOD: peristaltic	PURGE INITIATED AT 1100	PURGE ENDED AT: 1115	TOTAL VOL. PURGED (gal): 3

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1110	2	2	.2	21	6.88	21.4	792	46.7*	1	clr	none
1113	.6	2.6	"	22	"	"	809	25.6	5	"	"
1115	.4	3	"	22	"	"	811	"	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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1120
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N	DUPLICATE: Y N

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

REMARKS: * air bubbles in line

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

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-2	SAMPLE ID: MW-2	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 26.5	STATIC DEPTH TO WATER (ft): 11.13	WELL CAPACITY (gal/ft): 0.16

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

= (26.5 –) X .16 =

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1245	PURGE ENDED AT: 1300	TOTAL VOL. PURGED (gal):

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1255	2	2	.2	12	5.00	21.4	227	1.5	1	Clr	none
1256	.6	2.6	.2	13	5.11	21.5	"	1.3	1	"	"
1300	.4	3	.2	13	"	21.6	"	1.4	1	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1300	SAMPLING ENDED AT: 1305

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

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

REMARKS:

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

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

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

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 36.5	STATIC DEPTH TO WATER (ft): 13.00	WELL CAPACITY (gal/ft): 0.16

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

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

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1335	PURGE ENDED AT: 1350	TOTAL VOL. PURGED (gal): 3

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1345	2	2	.2		6.61	23.8	1741	2.5	2	Clr	Sulfur
1349	.6	2.6	.2		6.64	"	1749	1.9	"	"	"
1350	.4	3	.2		"	23.7	1758	1.7	"	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1350	SAMPLING ENDED AT: 1355

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

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

REMARKS: DTW in MW-3 is ~~49.68~~ 12.60'

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-4	SAMPLE ID: MW-4	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 21.2 feet to 36.2 feet	STATIC DEPTH TO WATER (feet): 8.30	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (36.2 feet – feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1515	PURGING ENDED AT: 1530	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1525	2	2	.2	12	6.67	23.3	2069	2.5	1	clr	Sulfur
1526	.6	2.6	.2	13	6.69	"	2069	2	1	"	"
1530	.4	3	.2	13	6.69	23.3	2071	1.5	2	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1530	SAMPLING ENDED AT: 1535

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	0.5 L	-			TDS,SO4,Cl, N		
	1	PE	0.5 L	HNO3			Metals		
	3	CG	40 ml	HCL			601/602		

REMARKS:

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

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: CW-4	SAMPLE ID: CW-4	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 30 feet to 40 feet	STATIC DEPTH TO WATER (feet): 12.29	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (40 feet – 12.29 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1450	PURGING ENDED AT: 1505	TOTAL VOLUME PURGED (gallons): 3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1500	2	2	.2	13	6.66	22.6	1953	3.1	3	clr	sulfur
1503	.4	2.4	.2	14	6.64	22.6	1960	2.6	3	"	"
1505	.4	3	.2	14	6.78	22.6	1961	2.4	3	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1505	SAMPLING ENDED AT: 1510

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		

REMARKS:

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

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

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

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

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

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

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 18.5	STATIC DEPTH TO WATER (ft): 4.94	WELL CAPACITY (gal/ft): 0.16

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

= (18.5 - 4.9) X .16 = 2.2

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1310	PURGE ENDED AT: 1375	TOTAL VOL. PURGED (gal): 4

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1320	.75	2.5	0.25		5.65	21.8	258	2.4	2	Clr	none
1323	.75	3.25	"		5.66	"	256	"	"	"	"
1325	.5	3.75	"		"	"	255	2.1	"	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/tubing	SAMPLING INITIATED AT: 1325	SAMPLING ENDED AT: 1330
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N	DUPLICATE: Y N

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

REMARKS:. Insufficient water to sample

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-6	SAMPLE ID: MW-6	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 16.5 feet to 26.5 feet	STATIC DEPTH TO WATER (feet): 13.25	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (26.5 feet – 13.25 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21	PURGING INITIATED AT: 1125	PURGING ENDED AT: 1140	TOTAL VOLUME PURGED (gallons): 5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1140	2	2	.2	14	6.75	23.5	1097	7.1	3	clr	none
1143	.6	2.6	.2	14	6.75	22.9	1101	7.0	3	"	"
1145	.4	3	.2	14	6.76	22.8	1120	6.8	"	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1125	SAMPLING ENDED AT: 1145

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		

REMARKS:

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

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-7	SAMPLE ID: MW-7	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 8.5 feet to 23.5 feet	STATIC DEPTH TO WATER (feet): 9.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.5 feet – 19 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1155	PURGING ENDED AT: 1210	TOTAL VOLUME PURGED (gallons): 3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1205	2	2	.2	11	6.72	23.1	1766	4.5	2	CL	sl/fuel
1208	.6	2.6	.2	11	"	22.9	1797	4.5	"	"	"
1210	.4	3	.2	11	6.71	"	1920	4.4	"	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Paul Laymon/Dominion, Inc.	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1210	SAMPLING ENDED AT: 1215
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		
			119.84						

REMARKS: 813 12.37 814 9.85

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: MW-8	SAMPLE ID: MW-8	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 4 feet to 19 feet	STATIC DEPTH TO WATER (feet): 6.14	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (26.5 feet – 6.1 feet) X 0.16 gallons/foot = Tube Mid-Screen = 1.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21	PURGING INITIATED AT: 1220	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1230	.2	.2	.2	8	7.01	23.7	1989	2.9	2	clr	sulfur
1233	.6	2.6	.2	8	6.99	23.9	1892	2.8	"	"	"
1235	.4	3	.2	8	6.97	23.8	1920	2.8	"	"	"

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

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

SAMPLING DATA

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

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	3	CG	40ml	HCl			601/602		
	1	PE	0.5 L	-			Cl,TDS,NO3,SO4		
	1	PE	0.5 L	HNO3			Metals		

REMARKS:

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

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

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

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

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: TW-7	SAMPLE ID: TW-7	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (in): 1	TOTAL WELL DEPTH (ft): 35.0	STATIC DEPTH TO WATER (ft): 10.99	WELL CAPACITY (gal/ft): 0.16

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

= (35.0-11) X .04 = TUBE SET MID-SCREEN = 0.04

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1547	PURGE ENDED AT: 1557	TOTAL VOL. PURGED (gal): 1.0

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1545	.5	.5	.1	13	6.50	23.2	2059	1.5	3	<5	Sulfur
1548	.3	.8	.1	14	6.41	23.2	2066	1.5	2	-	"
1551	.2	1.0	.1	14	6.37	23.2	2073	1.3	2	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1552	SAMPLING ENDED AT: 1555

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

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	

REMARKS:

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

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D	SITE LOCATION: Gainesville, FL	
WELL NO: TW-8	SAMPLE ID: TW-8	DATE: 5/23/24

PURGING DATA

WELL DIAMETER (in): 1	TOTAL WELL DEPTH (ft): 35.0	STATIC DEPTH TO WATER (ft): 8.40	WELL CAPACITY (gal/ft): 0.04

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

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

PURGE METHOD: peristaltic	PURGE INITIATED AT: 1425	PURGE ENDED AT: 1440	TOTAL VOL. PURGED (gal): 1.5

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1435	1	1.0	.1	10	6.77	23.7	1162	1.2	3	Clr	sulfur
1438	.3	1.3	.1	11	6.78	23.6	1165	1.7	2	-	"
1440	.2	1.5	.1	11	6.77	23.6	1161	1.1	2	-	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1440	SAMPLING ENDED AT: 1445

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

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

REMARKS:

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

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

State of Florida, Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: Florence C&D		SITE LOCATION: Gainesville, FL	
WELL NO: TW-11	SAMPLE ID: TW-11		DATE: 5/23/24

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 28.1	STATIC DEPTH TO WATER (ft): 14.73	WELL CAPACITY (gal/ft): 0.16

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

= (28.1 - 14.7) X .16 = tube in center of screen = 1.6

PURGE METHOD: peristaltic	PURGE INITIATED AT:	PURGE ENDED AT: 1400	TOTAL VOL. PURGED (gal): 1415

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1410	2	7	.2	16	6.52	22.4	1910	1.11	4	Clr	Sul Smell
1413	.6	2.6	.2	16	6.61	"	1915	1.1	3	"	"
1415	.4	3	.2	16	6.64	22.5	1916	1.1	3	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / Paul Laymon AFFILIATION Dominion, Inc.	SAMPLER(S) SIGNATURE(S)	
SAMPLING METHOD(S): peristaltic/stopped tubing	SAMPLING INITIATED AT: 1415	SAMPLING ENDED AT: 1420
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
1	PE	0.5 L	-			TDS, SO4, NH3, Cl
1	PE	0.5 L	HNO3			Metals
1	PE	0.25L	H2SO4			NO3
3	CG	40 ml	HCL			volatiles

REMARKS: ’

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

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